



# FACULTY AND ADMINISTRATION

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UNIVERSITY  
OF MINNESOTA  
Driven to Discover

\* Recipient of the Horace T. Morse-Minnesota Alumni Association Award for Outstanding Contributions to Undergraduate Education  
 § Recipient of other teaching or advising award(s)

## University Regents

Patricia S. Simmons, Congressional District 1, *Chair*  
 Clyde E. Allen, Jr., Congressional District 7, *Vice Chair*  
 Anthony R. Baraga, Congressional District 8  
 Dallas Bohnsack, Congressional District 2  
 Maureen Cisneros, At Large  
 Linda A. Cohen, At Large  
 John Frobenius, Congressional District 6  
 Venora Hung, Congressional District 5  
 Steven D. Hunter, At Large  
 Dean Johnson, At Large  
 David M. Larson, Congressional District 3  
 David R. Metzen, Congressional District 4

## University Administrators

Robert H. Bruininks, President  
 E. Thomas Sullivan, Senior Vice President for Academic Affairs and Provost  
 Frank B. Cerra, Senior Vice President for Health Sciences  
 Robert J. Jones, Senior Vice President for System Academic Administration  
 Nancy "Rusty" Barceló, Vice President and Vice Provost for Equity and Diversity  
 Kathryn F. Brown, Vice President and Chief of Staff  
 Carol Carrier, Vice President for Human Resources  
 Steve Cawley, Vice President and Chief Information Officer  
 Karen L. Himle, Vice President for University Relations  
 R. Timothy Mulcahy, Vice President for Research  
 Charles Muscoplat, Vice President for Statewide Strategic Resource Development  
 Kathleen O'Brien, Vice President for University Services  
 Richard Pfitzenreuter, Vice President and Chief Financial Officer  
 Steven J. Rosenstone, Vice President for Scholarly and Cultural Affairs  
 Mark B. Rotenberg, General Counsel

# College of Biological Sciences

## Administration

Robert P. Elde, Dean  
 Huber R. Warner, Associate Dean for Research  
 Robin Wright, Associate Dean for Academic and Faculty Affairs  
 Jean M. Underwood, Assistant Dean for Curriculum Development  
 Elizabeth Wroblewski, Chief Administrative Officer  
 Jeff Thomas, Director of Finance  
 Fed Dulles, Director of Information Technology  
 Peggy Rinard, Director of Communications  
 Laurie Hennen, Director of Development  
 Nikki Letawsky Shultz, Director of Student Services

## Faculty

### Department of Biochemistry, Molecular Biology, and Biophysics

\*§ Anderson, John S., Professor Ph.D., University of Nebraska, Lincoln  
 Structure and biosynthesis of bacterial cell walls and membranes  
 Armitage, Ian M., Professor Ph.D., University of British Columbia  
 Multinuclear magnetic resonance, metal homeostasis and immunophilins  
 § Bernlohr, David A., Distinguished McKnight University Professor and Department Head Ph.D., University of Illinois, Urbana-Champaign  
 Mechanism of insulin action, regulation of gene expression by lipids  
 Bielinsky, Anja-Katrin, Assistant Professor Ph.D., Heinrich Heine University, Germany  
 Regulation of DNA replication, cell cycle, cancer  
 Bloomfield, Victor A., Professor Ph.D., University of Wisconsin, Madison  
 Physical biochemistry of nucleic acids, polyelectrolytes, hydrodynamics laser light scattering, scanning tunneling microscopy  
 Conti-Fine, Bianca M., Distinguished McKnight University Professor M.D., University of Milan, Italy  
 Structure and function of nicotinic receptors in brain and muscle, immunology of myasthenia gravis  
 Das, Anath, Professor Ph.D., University of Nebraska, Lincoln  
 Molecular mechanisms of plant-pathogen interactions and plant gene expression  
 Ervasti, James M., Professor Ph.D., University of Minnesota  
 Molecular basis of muscular dystrophy, role of actin in cell polarity  
 Fuchs, James A., Professor Ph.D., Texas A&M University  
 Deoxynucleotide metabolism, DNA synthesis, regulation of metabolic pathways

Griffin, Timothy J., Assistant Professor Ph.D., University of Wisconsin  
 Biological mass spectrometry, quantitative proteomics, protein and peptide chemistry  
 Harris, Reuben S., Assistant Professor Ph.D., University of Alberta, Edmonton  
 Causes and consequences of mutation  
 Hendrickson, Eric A., Professor Ph.D., Harvard Medical School  
 Deoxynucleotide metabolism; DNA synthesis; regulation of metabolic pathways  
 \* Hooper, Alan B., Professor Ph.D., Johns Hopkins University  
 Microbial biochemistry, redox proteins, N-oxidation, microbial detoxification  
 Kazlanskas, Romas J., Professor Ph.D., Massachusetts Institute of Technology  
 Enzyme selectivity, molecular biology, molecular modeling  
 Khodursky, Arkady B., Associate Professor Ph.D., University of California, Berkeley  
 Functional genomics, analysis of gene expression patterns, whole genome microarrays  
 Kim, Do-Hyung, Assistant Professor Ph.D., Pohang University of Science and Technology  
 Biological networks that coordinate metabolism and growth  
 Lange, Alex J., Associate Professor Ph.D., Cornell University  
 Therapeutic intervention in diabetes via manipulation of carbohydrate metabolism enzymes and their genes  
 LaPorte, David C., Professor Ph.D., University of Illinois  
 Gene expression, protein phosphorylation cascades  
 Lipscomb, John D., Professor Ph.D., University of Illinois  
 Oxygenase mechanisms, metalloproteins, magnetic resonance techniques, kinetics  
 Livingston, Dennis M., Professor Ph.D., Harvard University  
 Mutation, DNA repair and genetic recombination  
 Matsuo, Hiroshi, Assistant Professor Ph.D., Osaka University, Japan  
 Nuclear magnetic resonance, structure of protein-RNA complexes  
 Mayo, Kevin H., Professor Ph.D., University of Massachusetts  
 Cell adhesion, protein-protein/carbohydrate interactions  
 Mulcahy, R. Timothy, Professor Ph.D., University of Wisconsin, Madison  
 Quantitative radiation biology of the thyroid gland: cell survival, neoplasia and hormonal effects  
 Murphy, Sharon E., Professor Ph.D., University of Colorado  
 Carcinogen metabolism and exposure  
 Nelsestuen, Gary L., Professor Ph.D., University of Minnesota  
 Protein-membrane interactions, blood coagulation, proteomics  
 Ohlendorf, Douglas H., Professor Ph.D., Washington University  
 Protein engineering, structural biology, X-ray crystallography, molecular biology  
 Potter, Lincoln R., Associate Professor Ph.D., Vanderbilt University  
 Natriuretic peptide receptors, guanylyl cyclases, and cGMP

Roon, Robert J., Associate Professor Ph.D., University of Michigan  
 Mechanism and regulation of amino acid neurotransmission in mammalian brain, mechanism of amino acid transport in mammalian brain  
 Sanders, Michel M., Professor Ph.D., University of Michigan  
 Eucaryotic molecular biology, hormone action, gene expression  
 Schmidt-Dannert, Claudia, Associate Professor Ph.D., University of Braunschweig, Germany  
 Directed evolution of emetabolic pathways, natural product biosynthesis, metabolic engineering  
 § Schottel, Janet L., Professor Ph.D., Washington University, St. Louis  
 Nucleic acid biochemistry, molecular biology, plant-pathogen interactions  
 § Siliciano, Paul G., Associate Professor and Associate Department Head Ph.D., University of Pennsylvania  
 Nucleic acid biochemistry, molecular genetics  
 Thomas, David D., Professor and Dietrich Chair Ph.D., Stanford University  
 Molecular dynamics in muscle  
 Towle, Howard C., Professor and Associate Department Head Ph.D., Michigan State University  
 Nutritional and hormonal regulation of mammalian gene expression  
 Van Ness, Brian G., Professor Ph.D., University of Minnesota  
 Molecular immunology, gene expression, lymphoid cancers  
 Veglia, Gianluigi, Associate Professor Ph.D., University of Rome, Italy  
 Structure and dynamics of membrane embedded enzymes  
 Wackett, Lawrence P., Distinguished McKnight University Professor Ph.D., University of Texas, Austin  
 Biodegradation, dehalogenases, industrial biotransformations, metalloenzymes  
 Walters, Kylie, Assistant Professor Ph.D., Harvard University  
 Nuclear magnetic resonance, structure-based drug design  
 Wilmot, Caroline M., Associate Professor Ph.D., Birkbeck College, University of London  
 Structural enzymology, metal ions and organic co-factors  
 Department of Ecology, Evolution, and Behavior  
 Alstad, Donald N., Professor Ph.D., University of Utah  
 Population ecology and evolution of insects  
 \*§ Barnwell, Franklin H., Professor Ph.D., Northwestern University  
 Invertebrate behavior and physiology, emphasizing ecological relationships  
 Bee, Mark, Assistant Professor Ph.D., University of Missouri  
 Acoustic communication, auditory perception, neurophysiology, auditory scene analysis, honest signaling and vocally mediated social recognition  
 Borrello, Mark, Assistant Professor Ph.D., Indiana University  
 History of biology, evolutionary theory, genetics and ecology, biology of behavior, biology and society

**Cavender-Bares, Jeannine**, Assistant Professor  
Ph.D., Harvard University  
Evolution of plant form and function, physiological mechanisms that plants use to survive in their environment

**Corbin, Kendall W.**, Professor Emeritus  
Ph.D., Cornell University  
Evolutionary ecology and genetics, biochemical systematics

**Cotner, James B.**, Associate Professor  
Ph.D., University of Michigan  
Biological limnology and oceanography, biogeochemistry, microbial ecology

**Curtsinger, James W.**, Professor  
Ph.D., Stanford University  
Population/quantitative genetics—experimental and theoretical

**Cushing, Edward J.**, Professor Emeritus  
Ph.D., University of Minnesota  
Paleoecology and ecology of plant communities

**§Davis, Margaret B.**, Regents Professor Emeritus  
Ph.D., Harvard University  
Paleoecology, paleolimnology, forest community ecology

**Dean, Antony**, Professor  
Ph.D., Washington University  
Molecular evolution, enzymology

**Denison, R. Ford**, Adjunct Professor  
Ph.D., Cornell University  
Evolutionary aspects of cooperation among bacteria and plants

**Finlay, Jacques C.**, Assistant Professor  
Ph.D., University of California, Berkeley  
Limnology, biogeochemistry, food web and ecosystem ecology, land-water interactions, stable isotope applications in ecological research

**Gorham, Eville**, Regents Professor Emeritus  
Ph.D., University of London, England  
Chemical aspects of ecology, limnology, and soil science

**Hobbie, Sarah E.**, Associate Professor  
Ph.D., University of California, Berkeley  
Ecosystem and community ecology

**Jansa, Sharon A.**, Assistant Professor  
Ph.D., University of Michigan  
Mammalian systematics, biogeography, speciation, molecular evolution

**Jones, Susan**, Associate Professor  
Ph.D., University of Pennsylvania  
History of biomedical sciences, history of life sciences, historical ecology of disease, role of science in mediating human-animal interactions over time

**King, Jennifer Y.**, Assistant Professor  
Ph.D., University of California, Irvine  
Ecosystem ecology, biogeochemistry and earth system science

**Lanyon, Scott M.**, Professor and Director, Bell Museum of Natural History  
Ph.D., Louisiana State University  
Biochemical systematics and evolution of mating systems

**Larson, Diane L.**, Adjunct Professor  
Ph.D., University of Illinois, Chicago  
Ecological effects of alien plants in grassland ecosystems

**Lehman, Clarence L.**, Adjunct Professor  
Ph.D., University of Minnesota  
Theoretical ecology, computational biology

**May, Georgiana**, Associate Professor  
Ph.D., University of California, Berkeley  
Evolution of fungi, interactions with plants and their mating systems

**McFadden, Joseph P.**, Assistant Professor  
Ph.D., University of California, Berkeley  
Global ecology, biosphere-atmosphere interactions

**McNaught, Donald**, Professor Emeritus  
Ph.D., University of Wisconsin  
Zooplankton ecology, Great Lakes limnology, ecosystem contamination

**Megard, Robert O.**, Professor Emeritus  
Ph.D., Indiana University  
Limnology

**Merrell, David**, Professor Emeritus  
Ph.D., Harvard University  
Genetics

**Morrow, Patrice**, Professor  
Ph.D., Stanford University  
Plant-insect interactions and community ecology

**Muller-Landau, Helene**, Assistant Professor  
Ph.D., Princeton University  
Plant community ecology, especially of tropical forests, ecological and evolutionary theory, anthropogenic influences on plant community structure and dynamics

**\*§ Neuhauser, Claudia M.**, HHMI and Distinguished McKnight University Professor, Department Head  
Ph.D., Cornell University  
Theoretical ecology, role of space in community dynamics, theoretical population genetics, coalescent theory

**Packer, Craig**, Distinguished McKnight University Professor  
Ph.D., University of Sussex, England  
Behavioral ecology and sociobiology

**Phillips, Richard E.**, Professor Emeritus  
Ph.D., Cornell University  
Animal behavior and physiology

**Polasky, Stephen**, Adjunct Professor  
Ph.D., University of Michigan  
Ecological/environmental economics

**Pusey, Anne E.**, Distinguished McKnight University Professor  
Ph.D., Stanford University  
Animal behavior

**Regal, Philip J.**, Professor Emeritus  
Ph.D., University of California, Los Angeles  
Evolution, physiological ecology and behavior, herpetology

**Schmid, William D.**, Professor Emeritus  
Ph.D., University of Minnesota  
Comparative physiology and ecology

**Shaw, Ruth**, Professor  
Ph.D., Duke University  
Ecological genetics

**Siniff, Donald B.**, Professor Emeritus  
Ph.D., University of Minnesota  
Vertebrate ecology and population ecology of large mammals

**§ Starfield, Anthony M.**, Professor Emeritus  
Ph.D., University of Witwatersrand, South Africa  
Ecological modeling

**Stephens, David W.**, Associate Professor  
Ph.D., The Queen's College, Oxford University, England  
Experimental games, spatially explicit models of feeding behavior

**Sterner, Robert W.**, Professor  
Ph.D., University of Minnesota  
Limnology: plankton ecology, food webs, and aquatic biogeochemistry

**Tester, John R.**, Professor Emeritus  
Ph.D., University of Minnesota  
Vertebrate ecology and ecosystem ecology

**Tilman, G. David**, McKnight Presidential Chair in Ecology  
Ph.D., University of Michigan  
Experimental and theoretical population, community ecology

**Tordoff, Harrison B.**, Professor Emeritus  
Ph.D., University of Michigan  
Systematic and evolutionary biology, ornithology

**Travisano, Michael**, Associate Professor  
Ph.D., Michigan State University  
Experimental studies of evolutionary dynamics, using microbial systems

**Wilson, Michael**, Assistant Professor  
Ph.D., Harvard University  
Primate behavior and ecology, especially intergroup aggression and vocal communication

**Wright, Herbert E.**, Regents Professor Emeritus  
Ph.D., Harvard University  
Quaternary paleoecology and glacial geology

**§ Zink, Robert M.**, Professor  
Ph.D., University of California, Berkeley  
Ornithology, systematics

## Department of Genetics, Cell Biology, and Development

**Bardwell, Vivian J.**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Transcriptional regulation in cancer and development

**Bauer, G. Eric**, Professor  
Ph.D., University of Minnesota  
Pancreatic islet physiology and islet adhesion molecules

**Berman, Judith G.**, Professor  
Ph.D., Weizmann Institute of Science  
Yeast morphogenesis, cell cycle and genome organization

**Berry, Susan A.**, Professor  
M.D., Kansas University  
Growth hormone responsive gene expression

**Blumenfeld, Martin**, Associate Professor  
Ph.D., Case Western Reserve University  
Genomics

**\* Brooker, Robert J.**, Professor  
Ph.D., Yale University  
Molecular biology of the lactose permease

**Chen, Lihsia**, Assistant Professor  
Ph.D., Johns Hopkins University  
Cell adhesion, signal transduction, cytoskeleton, *C. elegans*

**Clarke, Duncan**, Assistant Professor  
Ph.D., University of Cambridge  
Cell cycle checkpoint controls

**Conklin, Kathleen F.**, Associate Professor  
Ph.D., Tufts University  
Virally- and non-virally-induced tumors

**Conner, Sean**, Assistant Professor  
Ph.D., Brown University  
Clathrin-mediated endocytic pathway, mammalian vesicular trafficking

**Cunningham, William P.**, Professor Emeritus  
Ph.D., University of Texas, Austin  
Conservation biology, land-use issues, environmental ethics

**Fan, David P.**, Professor  
Ph.D., Massachusetts Institute of Technology  
Computer management of information, impact of information on society

**Gale, Cheryl**, Assistant Professor  
M.D., University of Minnesota  
*C. albicans* morphogenesis and hyphal guidance mechanisms

**Gammill, Laura**, Assistant Professor  
Ph.D., Massachusetts Institute of Technology  
Early vertebrate neural development, molecular embryology

**§ Goldstein, Stuart F.**, Professor  
Ph.D., California Institute of Technology  
Cell motility, especially spirochetes and eukaryotic flagella

**Greenstein, David**, Professor  
Ph.D., Rockefeller University  
Developmental genetics, germline development, cell signaling

**Hackett, Perry B.**, Professor  
Ph.D., University of Colorado Medical Center  
Gene expression in Sleeping Beauty transposons, human gene therapy

**Hays, Thomas S.**, Professor  
Ph.D., University of North Carolina  
Cytoskeletal-based motility, functions of cytoplasmic dynein

**Herman, Robert K.**, Professor Emeritus  
Ph.D., Yale University  
Developmental genetics of *C. elegans*

**Herman, William S.**, Professor  
Ph.D., Northwestern University  
Arthropod peptide hormones

**Hirsch, Betsy A.**, Associate Professor  
Ph.D., University of Minnesota  
Chromosome abnormalities

**Iwanij, Victoria**, Associate Professor  
Ph.D., Rockefeller University  
Characterization of the glucagon receptor

**Johnson, Ross G.**, Professor  
Ph.D., Iowa State University  
Cell communication mediated by gap junctions, junction assembly mechanisms and role in embryos

**King, Richard A.**, Professor  
Ph.D., University of Minnesota; M.D., Jefferson Medical  
Genetic analysis of complex human disease

**Kirkpatrick, David T.**, Associate Professor  
Ph.D., Massachusetts Institute of Technology  
DNA repair during meiosis in *S. cerevisiae*, DNA repair and antifungal drug resistance in *C. albicans*

**Kuriyama, Ryoko**, Professor  
Ph.D., University of Tokyo  
Cell division and cell-cycle control in animal cells

**Largaespada, David A.**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Identification and understanding of genes involved in myeloid leukemia development

## Faculty and Administration

**LeRoy, Bonnie S.**, Program Director  
M.S., Sarah Lawrence College  
Education and clinical preparation of genetic counseling professionals, ethical and professional challenges to the practice of genetic counseling

**Linck, Richard W.**, Professor  
Ph.D., Brandeis University  
Molecular assembly and function of the microtubule cytoskeleton

**Magee, P. T.**, Professor Emeritus  
Ph.D., University of California, Berkeley  
Analysis of the genome of *C. albicans*

**Marahrens, York**, Associate Professor  
Ph.D., SUNY Stony Brook  
Chromatin, genome instability, DNA repair, repetitive DNA sequences, bioinformatics

**McIvor, R. Scott**, Professor  
Ph.D., University of Minnesota  
Genes introduced into the hematopoietic cells in vivo

**McKinnell, Robert**, Professor Emeritus  
Ph.D., University of Minnesota  
Prevalence and distribution of pigment pattern variants of the Northern Leopard Frog

**Nakato, Hiroshi**, Associate Professor  
Ph.D., Tokyo Metropolitan University  
Proteoglycan functions in development, growth factor signaling, morphogen gradient formation

**Neufeld, Thomas P.**, Associate Professor  
Ph.D., University of California, Berkeley  
Developmental control of growth and cell proliferation in *Drosophila*

**Norrander, Jan**, Assistant Professor  
Ph.D., University of Minnesota  
Molecular assembly and function of the microtubule cytoskeleton

**O'Connor, Michael B.**, Professor and Howard Hughes Associate Investigator  
Ph.D., Tufts University  
Cell-cell interactions in growth, differentiation, and development

**Oetting, William**, Assistant Professor  
Ph.D., University of Nebraska  
Molecular analysis of albinism, analysis of complex genetic disorders

**Orr, Harry T.**, Professor  
Ph.D., Washington University  
Molecular genetics of brain development and neurodegeneration

**Petryk, Anna**, Assistant Professor  
M.D., Medical University in Wroclaw, Poland  
Craniofacial development, bone biology, mammalian embryogenesis, organogenesis, brain development

**Porter, Mary E.**, Professor  
Ph.D., University of Pennsylvania  
Regulation of dynein-based motility

**Ranum, Laura P. W.**, Professor  
Ph.D., University of Minnesota  
Molecular genetics of neurodegenerative diseases

**Rougvie, Ann E.**, Professor  
Ph.D., Cornell University  
Developmental timing in *C. elegans*

**Selleck, Scott**, Professor and Harrison Chair  
M.D., Ph.D., Washington University  
School of Medicine  
Regulation of growth factor signaling, proteoglycan modulation of morphogen function, nervous system assembly and synapse development

**Shaw, Jocelyn E.**, Associate Professor  
Ph.D., University of Toronto  
*C. elegans* embryonic development

**Sheridan, Judson**, Professor  
D.Phil. in Neurophysiology, Oxford University  
Functional studies of gap junction communication, quantitative analysis of hemichannel and gap junction permeability

**Shima, Naoko**, Assistant Professor  
Ph.D., Saitama University, Japan  
Genomic instability and cancer, DNA replication, recombination and repair in mice

\* **Simmons, Michael J.**, Professor  
Ph.D., University of Wisconsin, Madison  
Transposable genetic elements in *Drosophila*

**Simon, Jeffrey A.**, Professor  
Ph.D., Cornell University  
Animal development, control of gene expression, chromatin mechanisms

**Sinha, Akhouri A.**, Adjunct Professor  
Ph.D., University of Missouri, Columbia  
Stromal-epithelial interaction in tumors

**Somia, Nikunj V.**, Assistant Professor  
Ph.D., University of Edinburgh  
Retrovirus biology, gene therapy and gene discovery

**Sorenson, Robert L.**, Professor  
Ph.D., University of Minnesota  
Cell biology of insulin secretion and cell division in islets of Langerhans

**Steer, Clifford**, Professor  
M.D., University of Minnesota  
Membranes and receptors, cell interactions, gene expression, gene therapy, apoptosis

**Tao, Wufan**, Assistant Professor  
Ph.D., Fudan University  
Tumor suppressor, cancer biology

**Titus, Margaret A.**, Professor  
Ph.D., Brandeis University  
Molecular genetic analysis of unconventional myosin function

**Van Ness, Brian G.**, Professor and Department Head  
Ph.D., University of Minnesota  
Molecular immunology

**Wright, Robin**, Professor and Associate Dean  
Ph.D., Carnegie-Mellon University  
Cell biology, with emphasis on regulation of organelle biogenesis, membrane structure and dynamics, sterol metabolism, protein targeting and localization, genetic and genomic approaches to organelle biogenesis, microscopic analysis of cell structure, undergraduate education

**Zarkower, David A.**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Molecular genetics of sex determination and gene regulation

### Department of Plant Biology

\* **Biesboer, David D.**, Professor  
Ph.D., Indiana University  
Ecophysiology and anatomy of angiosperms

**Brambl, Robert M.**, Professor  
Ph.D., University of Nebraska  
Function of chaperone proteins and regulation of gene expression

\* **§ Charvat, Iris D.**, Professor  
Ph.D., University of California, Santa Barbara  
Mycorrhizal associations, fungal development, seed bank dynamics in wetlands

**Gantt, J. Stephen**, Associate Professor  
Ph.D., University of California, Irvine  
Gene expression in plants

**Gibson, Susan**, Associate Professor  
Ph.D., Cornell University  
Plant genomics, sugar signaling in Arabidopsis

**Glazebrook, Jane**, Associate Professor  
Ph.D., Massachusetts Institute of Technology  
Mechanisms by which plants defend themselves from attack by microbial pathogens

**Gleason, Florence K.**, Professor  
Ph.D., University of Iowa  
Physiological function of thioredoxin in cyanobacteria

**Gray, William**, Associate Professor  
Ph.D., University of Iowa  
Molecular basis of auxin-regulated growth and development, ubiquitin-mediated proteolysis

**Katagari, Fumi**, Associate Professor  
Ph.D., Rockefeller University  
Plant genomics, disease resistance in plants

**Lefebvre, Paul (Pete)**, Professor  
Ph.D., Yale University  
Chlamydomonas genomics, cytoskeleton and cell motility

**Marks, M. David**, Associate Professor  
Ph.D., Purdue University  
Control of cell fate and differentiation in plants

**McLaughlin, David J.**, Professor  
Ph.D., University of California, Berkeley  
Evolution and systematics of fungi, especially basidiomycetes

**Ni, Min**, Associate Professor  
Ph.D., University of Oklahoma, Norman  
Light signal transduction and photomorphogenesis

**Olzewski, Neil E.**, Professor  
Ph.D., University of Minnesota  
Molecular mechanisms of hormone action, molecular genetics of DNA viruses

**Sanderfoot, Anton**, Assistant Professor  
Ph.D., University of Illinois  
Vesicle trafficking in Arabidopsis

**Schmitt, Imke**, Assistant Professor  
Ph.D., Essen University  
Evolution of lichenized fungi, molecular phylogenetics, symbiosis, fungal systematics, evolution of biosynthetic genes

**Silflow, Carolyn**, Professor  
Ph.D., University of Georgia  
Chlamydomonas genomics, cytoskeleton and cell motility

\* **§ Snustad, Peter**, Professor  
Ph.D., University of California, Davis  
Cytoskeleton and cell motility, gene expression, developmental mechanisms

**Soulen, Thomas K.**, Associate Professor Emeritus  
Ph.D., University of Wisconsin  
Plant metabolism and development

**Springer, Nathan**, Assistant Professor  
Ph.D., University of Minnesota  
Molecular basis of epigenetic phenomena

**Tiffin, Peter**, Assistant Professor  
Ph.D., Duke University  
Evolutionary and ecological genetics, molecular and phenotypic evolution of plant defenses

**VandenBosch, Kathryn**, Professor and Department Head  
Ph.D., University of Massachusetts  
Cell biology of plant/microbe symbioses, functional genomics of legumes

**Ward, John**, Associate Professor  
Ph.D., University of Maryland  
Membrane proteins and transport physiology

**Weiblen, George**, Associate Professor  
Ph.D., Harvard University  
Plant systematics, molecular phylogenetics, coevolution, and plant/pollinator interactions

**Weinig, Cynthia**, Assistant Professor  
Ph.D., Indiana University  
Evolution of developmental plasticity in plants

**§ Wick, Susan M.**, Professor  
Ph.D., Stanford University  
Cellular, molecular, and developmental biology of the cytoskeleton

### Biology Program and Instructional Laboratories

Susan M. Wick, Professor and Director

Sehoya Cotner, Teaching Assistant Professor

Brett Couch, Teaching Assistant Professor

Mark Decker, Teaching Assistant Professor and Associate Director

Bruce Fall, Associate Education Specialist

Kathryn Hanna, Associate Professor

Randy Moore, Professor

Melissa Palmer, Teaching Assistant Professor

Richard Peifer, Education Specialist

Jane Phillips, Associate Director and Coordinator of CBS Instructional Labs

Deena Wassenberg, Teaching Assistant Professor

### Contributing Faculty From Other University Units

#### Department of Microbiology—Medical School

**Armstrong, Sandra**, Associate Professor  
Ph.D., University of Missouri, Columbia  
Iron acquisition and iron-regulated gene expression in pathogenic bacteria

**Berman, Judith**, Professor  
Ph.D., Weizmann Institute of Science  
Morphogenesis in *C. albicans*; Telomere function, aging and chromatin assembly in *Saccharomyces cerevisiae*

**Bey, Russell**, Professor  
Ph.D., University of Minnesota  
Bovine mastitis

**Bohjanen, Paul**, Associate Professor  
M.D., Ph.D., University of Michigan  
T lymphocyte mRNA stability

**Bond, Daniel**, Assistant Professor  
Ph.D., Cornell University  
Environmental microbiology, bioenergy from microbes

**Bresnahan, Wade**, Assistant Professor  
Ph.D., University of Texas Medical Branch  
Molecular mechanisms of human cytomegalovirus replication and pathogenesis

# Clinical Laboratory Sciences

## Administration

**Wells, Carol**, Mildred King Rohwer Professor and Director  
Ph.D., University of Wisconsin, Madison  
Diagnostic microbiology and microbial pathogenesis

**Solberg, Patricia**, Associate Director  
B.A., Gustavus Adolphus College  
Education, student recruitment and retention

**Yue, Andrew**, Coordinator, Rochester campus  
B.S., University of Minnesota  
Transfusion medicine, instruction

## Faculty

**Gleason, William**, Associate Professor  
Ph.D., University of Minnesota  
Clinical chemistry, biomaterials, biomolecular recognition

**Hanson, Naomi**, Assistant Professor  
M.S., University of Minnesota  
Clinical chemistry, molecular biology

**Spannaus-Martin, Donna**, Associate Professor  
Ph.D., Iowa State University  
Clinical chemistry, distance education

**Swinehart, Cheryl**, Assistant Professor  
M.S., University of Minnesota  
Hemostasis, hematology

**Tsai, Michael**, Professor  
Ph.D., Medical College of Wisconsin  
Biochemical/molecular genetics, cardiovascular disease, clinical chemistry

**Wiesner, Stephen**, Assistant Professor  
Ph.D., University of Minnesota  
Genetic mechanisms of glioblastoma multiforme

**Zitterkopf, Nicole**, Assistant Professor  
Ph.D., University of South Dakota  
Clinical virology, laboratory medicine

## Teaching Specialists

**Clysdale, Sarah**, Teaching Specialist  
B.S., University of Minnesota  
Clinical chemistry

**Coley, Nancy**, Teaching Specialist  
B.S., University of Minnesota  
Immunohematology

**George, Joanna**, Manager, Teaching Laboratories  
B.S., Minot State University; S.B.B., Tidewater Red Cross, Norfolk, Virginia  
Immunohematology, microbiology, laboratory safety

**King, Lynn**, Teaching Specialist  
B.S., University of Minnesota  
Clinical chemistry

**Krumpelmann, Jeanne**, Teaching Specialist  
M.Ed., University of Minnesota  
Microbiology

**Lorenz, Janet**, Teaching Specialist  
B.S., Moorhead State University  
Hematology

**Porisch, Katherine**, Teaching Specialist  
B.S., University of Minnesota  
Clinical chemistry

## Department of Neuroscience Medical School

**Amirikian, Bagrat**, Assistant Professor  
Ph.D., Moscow State University  
Neural networks and motion

**Ashe, James**, Professor  
M.D., University College Dublin, Ireland  
Neural control of movement

**Branton, Dale**, Associate Professor  
Ph.D., University of California, San Francisco  
Cellular and molecular aspects of physiological regulatory mechanisms

**Chafee, Matthew**, Assistant Professor  
Ph.D., Yale University  
Neural basis of spatial cognition and working memory, cortical system dysfunction in psychiatric disease

**Dubinsky, Janet**, Professor  
Ph.D., University of North Carolina, Chapel Hill  
Neurodegeneration as a result of glutamate toxicity

**§Ebner, Timothy J.**, Professor and Department Head  
M.D., Ph.D., University of Minnesota  
Neurophysiology of cerebellum and motor cortex

**Elde, Robert P.**, Professor  
Ph.D., University of Minnesota  
Central and peripheral nervous systems

**Engeland, William**, Professor  
Ph.D., University of California, San Francisco  
Neuroendocrinology of stress

**Flanders, Martha**, Professor  
Ph.D., Michigan State University  
Neural control of movement

**Georgopoulos, Apostolos P.**, Professor  
M.D., Ph.D., University of Athens School of Medicine  
Neurophysiology of motor function and cognition

**Giesler, Glenn J., Jr.**, Professor  
Ph.D., University of California, Los Angeles  
Somatic sensory processing, pain

**Ghose, Geoffrey**, Assistant Professor  
Ph.D., University of California, Berkeley  
Strategies in visual cortex

**Honda, Christopher N.**, Professor  
Ph.D., University of North Carolina, Chapel Hill  
Anatomical and physiological bases of somesthesia, with emphasis on mechanisms of pain

**Kofuji, Paulo**, Associate Professor  
Ph.D., University of Maryland  
Ion channels

**Lanier, Lorene**, Assistant Professor  
Ph.D., University of California, Berkeley  
Growth cone motility, axon guidance

**Letourneau, Paul C.**, Professor  
Ph.D., Stanford University  
Developmental neurobiology

**Leuthold, Arthur**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Magnetocardiography

**Li, Tongbin**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Bioinformatics and computational biology

**Liao, Dezhi**, Associate Professor  
Ph.D., University of Iowa  
Molecular and cellular mechanisms of synaptic plasticity

**Masino, Mark**, Assistant Professor  
Ph.D., Emory University  
Functional organization of spinal networks

**McLoon, Steven C.**, Professor  
Ph.D., University of Illinois, Chicago  
Development and regeneration of axonal connections

**Mermelstein, Paul**, Associate Professor  
Ph.D., University of Michigan  
Calcium signaling and cellular excitability

**Miller, Robert F.**, Professor  
M.D., University of Utah  
Synaptic transmission in the retina and relationships of single, identified neurons and glial cells

**Nakagawa, Yasushi**, Assistant Professor  
M.D., Ph.D., University of Tokyo  
Cellular and molecular mechanisms of brain development and plasticity

**Newman, Eric A.**, Professor  
Ph.D., Massachusetts Institute of Technology  
Physiology and functions of glial cells

**Nick, Teresa**, Assistant Professor  
Ph.D., Yale University  
Neural plasticity and its roles in the modulation of behavior

**Pellizzer, Giuseppe**, Associate Professor  
Ph.D., University of Geneva, Switzerland  
Neural control of cognitive-motor behavior

**Poppele, Richard E.**, Professor  
Ph.D., University of Minnesota  
Neurophysiology and motor control

**Redish, A. David**, Associate Professor  
Ph.D., Carnegie Mellon University  
Spatial reasoning and navigation—from neurons to behavior

**Seybold, Virginia S.**, Professor  
Ph.D., University of Minnesota  
Neuroanatomy, neuropharmacology, pain, autonomic nervous system, neuroendocrinology

**Soechting, John F.**, Professor  
Ph.D., Cornell University  
Motor control neurophysiology

**Thomas, Mark**, Assistant Professor  
Ph.D., University of California, Los Angeles  
Neurobiology of drug-induced plasticity and addiction, behavioral neuroscience

**Wessendorf, Martin W.**, Associate Professor  
Ph.D., University of Illinois, Chicago  
Brainstem control of spinal function, methods in fluorescence microscopy

**Wilcox, George L.**, Professor  
Ph.D., University of Colorado, Boulder  
Psychotherapeutic toxicity, pain transmission, drugs of abuse

**Yuan, LiLian**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Dendritic function in neuronal information processing

**Zirpel, Lance**, Assistant Professor  
Ph.D., University of Washington  
Cellular and molecular mechanisms of activity-dependent neural development and survival

**Cleary, P. Patrick**, Professor  
Ph.D., University of Rochester, New York  
Molecular basis for streptococcal disease

**Davis, Dana A.**, Associate Professor  
C.Ph.D., University of Arizona  
*C. albicans* genetics and pathogenesis

**Dunny, Gary**, Professor  
Ph.D., University of Michigan  
Molecular biology of conjugative gene transfer in gram-positive bacteria

**Gralnick, Jeffrey A.**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Physiology of *Shewanella*, geomicrobiology

**Haase, Ashley T.**, Regents Professor and Department Head  
M.D., Columbia College of Physicians and Surgeons  
Molecular mechanisms of HIV pathogenesis

**Jemmerson, Ronald**, Professor  
Ph.D., Northwestern University  
B-cell and antibody recognition of protein antigens, apoptosis and the fate of intracellular autoantigens

**§ Jenkins, Marc K.**, Distinguished McKnight University Professor  
Ph.D., Northwestern University  
CD4 T cell biology

**Johnson, Russell C.**, Professor  
Ph.D., University of Wisconsin, Madison  
Molecular pathogenesis, Lyme disease and human granulocytic ehrlichiosis

**Mansky, Louis M.**, Professor  
Ph.D., University of Iowa  
Cell and molecular biology of HIV and HTLV, HIV drug resistance, HTLV particle assembly and release, evolution of emerging viruses

**Masopust, David**, Assistant Professor  
Ph.D., University of Connecticut, Farmington  
T cell migration, differentiation, memory development in response to infections

**Mohr, Christian**, Assistant Professor  
Ph.D., University of Texas, San Antonio  
Molecular pathogenesis of *Burkholderia cepacia*

**Nielsen, Kirsten**, Assistant Professor  
Ph.D., North Carolina State University, Raleigh  
Central nervous system penetration by *Cryptococcus neoformans*

**Rice, Stephan**, Assistant Professor  
Ph.D., University of Utah  
Herpes simplex virus gene expression

**Sadowsky, Michael**, Professor  
Ph.D., University of Hawaii  
Soil microbiology, biodegradation, Rhizobium and Bradyrhizobium-host interactions

**\*§ Schiff, Leslie A.**, Professor  
Ph.D., Tufts University  
Virus-host cell interactions and viral protein structure-function

**Schlievert, Patrick M.**, Professor  
Ph.D., University of Iowa  
Immunobiology, and genetic control of staphylococcal and streptococcal pyrogenic toxins

**Southern, Peter J.**, Associate Professor  
Ph.D., Edinburgh University  
Molecular basis of persistent virus infection and virus-induced disease

**Ramey, Mary**, Teaching Specialist  
B.S., University of North Dakota  
Hematology

**Yue, Mary Jane**, Teaching Specialist  
M.S., Northeastern University  
Hematology

## School of Dentistry and Division of Dental Hygiene

### Administration

**Patrick M. Lloyd**, D.D.S., M.S.,  
Dean, School of Dentistry

**Christine M. Blue**, B.S.D.H., M.S.,  
Director, Division of Dental Hygiene

### Faculty

**Ahmann, Lisa**, R.D.H, M.A., Clinical  
Assistant Professor

**Blue, Christine M.**, Assistant Professor  
B.S.D.H., M.S., Old Dominion University

**Dittmar, Susan**, Clinical Dental  
Specialist  
R.D.H., B.S., University of Iowa, Iowa  
City

**Newell, Kathleen J.**, Associate  
Professor  
R.D.H., M.A., Ph.D., University of  
Minnesota

**Osborn, Joy B.**, Associate Professor  
R.D.H., M.A., University of Minnesota

**Stoltenberg, Jill L.**, Associate Professor  
R.D.H., M.A., University of Minnesota

## College of Design Administration

**Thomas Fisher**, Dean

**Katherine Solomonson**, Associate Dean  
for Curriculum and Academic Affairs

**Marilyn DeLong**, Associate Dean for  
Research and Outreach

### Faculty

In this faculty listing, R.A. designates licensure as a registered architect; R.L.A. designates licensure as a registered landscape architect; A.I.A. designates member, American Institute of Architects (a member of the A.I.A. must be a registered architect); F.A.I.A. designates fellow, American Institute of Architects; A.S.L.A. designates member, American Society of Landscape Architects; F.A.S.L.A. designates fellow, American Society of Landscape Architects; A.I.C.P. designates member by examination of the American Institute of Certified Planners; A.S.I.D. designates member, American Society of Interior Designers; I.I.D.A. designates member, International Interior Design Association; C.I.D. designates registered Certified Interior Designer; I.D.E.C. designates member, Interior Design Educators Council; F.I.D.E.C. designates Fellow of Interior Design Educators Council; N.C.I.D.Q. designates passage of the National Council for Interior Design Qualification exam; and P.E. designates licensure as a professional engineer.

### Architecture

**Anderson, Lee**, Associate Professor  
M.Arch., University of Minnesota  
Computer aids to design conception and presentation

**Bhatt, Ritu**, Assistant Professor  
Ph.D., Massachusetts Institute of  
Technology  
History, theory, and criticism

**Bleyhl, Christine**, Adjunct Teaching  
Instructor  
M.Arch., University of Minnesota  
Representation

**Brigham, Jonee Kulman**, Research  
Fellow  
B.Arch., University of Minnesota  
Energy, thermal, environmental  
technology

**Buetow, Steve**, Adjunct Assistant  
Professor (A.I.A.)  
B.Arch., University of Minnesota  
Residential and historical architecture

**Carmody, John**, Senior Research  
Associate and Director, Center for  
Sustainable Building Research  
M.Arch., University of Minnesota  
Environmental technology, sustainable  
design

**Chen, Arthur**, Associate Professor  
Ph.D., Georgia Institute of Technology  
Architectural thinking, drawing, urbanism,  
design, representation theory

**Cheng, Renee**, Associate Professor and  
School Head  
M.Arch., Harvard University  
Design, technology

**Clark, Daniel**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Design

**Comazzi, John**, Assistant Professor  
M.Arch., University of Michigan  
Design

**Conway, William**, Associate Professor  
(A.I.A.)  
M.Arch., Yale University  
Design, theory, practice

**deLaitre, Mary**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Urban design, neighborhood development

**Dimond, David**, Professor in Practice  
(A.I.A.)  
M.Arch., Virginia Polytechnic Institute  
and State University  
Design, representation

**Dittmar, Gunter**, Associate Professor  
M.Arch., Yale University  
Architectural theory, design process,  
design

**Dozier, James**, Adjunct Assistant  
Professor  
B.A., Rice University  
Digital technology, electronic imaging

**Ebbighausen, Nina**, Adjunct Assistant  
Professor  
B.Arch., Syracuse University  
Design

**El Hindi, Walid**, Adjunct Assistant  
Professor  
B.Arch., University of Minnesota  
Design

**Ferguson, Robert**, Lecturer and Adjunct  
Assistant Professor  
M.Phil., Pembroke College, University of  
Cambridge, United Kingdom  
History and philosophy, design

**Fisher, Thomas**, Professor and Dean  
M.I.S., Case Western Reserve University  
Architectural criticism, writing/com-  
munication, design theory

**Franck, Bruno**, Adjunct Associate  
Professor  
Ph.D., University of Minnesota  
Architectural structure

**Fuller, Timothy**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Urban design, residential design and  
construction

**Guzowski, Mary**, Associate Professor  
M.Arch., University of Washington  
Sustainable design, daylighting,  
environmental technology

**Iannaccone, Rachel**, Visiting Assistant  
Professor  
Ph.D., University of Pennsylvania  
Architecture history

**Ibarra, Benjamin Sevilla**, Visiting  
Assistant Professor  
M.Arch., Universidad Nacional  
Autonoma de Mexico  
Design, drawing, building systems

**Isenberg, Jay**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Practice

**Jara, Cynthia**, Associate Professor (R.A.)  
M.A., M.Arch., Columbia University  
Design theory: historic reference

**Johnson, Michael**, Professor in Practice  
B.Arch., University of Oregon  
Design

**LaVine, Lance**, Professor (R.A.)  
M.Arch., M.C.P., University of  
Pennsylvania  
Technology and design, elemental form,  
philosophical premises

**Lew, Douglas**, Adjunct Associate  
Professor  
M.F.A., Bradley University  
Watercolor

**Mack, Robert**, Adjunct Professor  
(F.A.I.A.)  
B.Arch., University of Minnesota  
Historic preservation and rehabilitation

**McQuade, Martha**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Design, representation

**Miller, Nancy**, Lecturer  
Ph.D., Pennsylvania State University  
Architecture history

**Mulfinger, Dale**, Adjunct Professor  
(A.I.A.)  
B.Arch., University of Minnesota  
Architect Edwin Lundie, pattern language,  
design

**Nelson, Ralph**, Adjunct Associate  
Professor  
M.Arch., Columbia University  
Design

**Newton, David**, Adjunct Assistant  
Professor  
M.Arch., Rice University  
Design

**Parker, B. Aaron**, Adjunct Assistant  
Professor (A.I.A.)  
M.S., Columbia University  
Architectural design, urban design

**Piotrowski, Andrzej**, Associate  
Professor (R.A.)  
M.I.Arch., Politechnika Warszawska,  
Poland  
Visual studies, design, theory

**Rhoades, Todd**, Professor in Practice  
(R.A.)  
M.Arch., Cranbrook Academy of Art  
Art, design

**Robinson, Julia**, Professor (A.I.A.)  
M.A., University of Minnesota  
Housing, culture and architecture, design  
methods, representation

**Roe, Sharon**, Senior Lecturer and  
Adjunct Assistant Professor  
M.Arch., University of California,  
Berkeley  
Design

**Saloojee, Ozayr**, Assistant Professor  
M.Arch., Carleton University, Canada  
Design, representation

**Satkowski, Leon**, Professor  
Ph.D., Harvard University  
Architectural history

**Singh, Virajita**, Research Fellow  
M.Arch., University of Minnesota  
Sustainable design, design

**Solomonson, Katherine**, Associate  
Professor  
Ph.D., Stanford University  
American and contemporary architecture

**Soranno, Joan**, Professor in Practice  
B.Arch., Notre Dame  
Design

**Springer, Mary**, Lecturer  
M.A., M.Arch., Rice University  
Design, representation

**Strothman, Susan**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Structures, design

**Swackhammer, Marc**, Assistant  
Professor  
M.Arch., Rice University  
Design, representation, housing

**Tambornino, Mark**, Adjunct Teaching  
Instructor  
M.Arch., University of Minnesota  
Design

**Thorbeck, Duane**, Adjunct Professor  
(F.A.I.A.)  
M.Arch., Yale University  
Public buildings, interpretative  
architecture, urban/rural issues

**§ Tollefson, Lee**, Adjunct Associate  
Professor (A.I.A.)  
M.Arch., University of Pennsylvania  
Design practices, Native American  
architecture, monastic architecture

**Valdes, Marcelo**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Design

**Van Duzer, Leslie**, Associate Professor  
and Director of Undergraduate Studies  
M.Arch., University of California,  
Berkeley  
Design fundamentals

**Webber, William**, Adjunct Assistant  
Professor  
M.Arch., University of Minnesota  
Environmental technology

**§ Weeks, J. Stephen**, Associate  
Professor and Director of Graduate  
Studies (R.A.)  
B.Arch., University of Minnesota  
Construction materials and methods,  
masonry design, design

**Weinstein, Joshua**, Adjunct Assistant  
Professor (R.A.)  
B.Arch., Pratt Institute  
Architectural and environmental design

**Westbrook, Thomas**, Adjunct Assistant Professor  
M.Arch., University of Minnesota  
Representation

**Yoos, Jennifer**, Professor in Practice  
M.Arch., University of Minnesota  
Urban revitalization, contemporary cities, design

## Design, Housing, and Apparel

### Program Committee Directors

**Elizabeth Bye**—Clothing Design

**James Boyd-Brent**—Graphic Design

**Marilyn Bruin**—Housing Studies

**Stephanie Zollinger**—Interior Design

**Kim K. P. Johnson**—Retail Merchandising

**Angell, William J.**, Professor  
M.S., Iowa State University  
Indoor air quality in residential, school, and health care environments

**Boyd-Brent, James**, Associate Professor  
M.F.A., University of Minnesota  
Drawing, print making, alternative design technologies

**Bruin, Marilyn J.**, Associate Professor  
Ph.D., Iowa State University  
Housing and neighborhood environments of low-income households

**Bye, Elizabeth**, Associate Professor  
Ph.D., University of Minnesota  
Apparel technology, textile product development, sizing/fit

**Chu, Sauman S.**, Associate Professor  
Ph.D., University of Minnesota  
Multiculturalism/design education, cross-cultural differences in design

**Crump, Jeffrey**, Associate Professor  
Ph.D., University of Nebraska, Lincoln  
Urban and economic geography, housing policy

**DeLong, Marilyn R.**, Professor  
Ph.D., The Ohio State University  
Aesthetics and historic aspects of clothing

**Gahringer, Sherri A.**, Associate Professor  
M.S., Iowa State University  
Small retailer survival in a Big Box world

**\*§ Guerin, Denise A.**, Professor  
(F.I.D.E.C., A.S.I.D., I.I.D.A., N.C.I.D.Q.)  
Ph.D., Michigan State University  
Sustainable interior design, relationship of culture and design

**Hokanson, Brad**, Associate Professor  
(R.A.)  
Ph.D., University of Minnesota  
Computer interface design, speech synthesis, generated poetry, imaging

**Jasper, Daniel**, Assistant Professor  
M.F.A., Yale University  
Contemporary criticism, design history, corporate/consumer branding

**Johnson, Kim K. P.**, Professor  
Ph.D., University of Wisconsin, Madison  
Social psychology of dress, consumer behavior, and retailing

**LaBat, Karen L.**, Professor  
Ph.D., University of Minnesota  
Textile product development, user group psychological/physical needs

**Martin, Caren**, Assistant Professor  
Ph.D., University of Minnesota  
Interior design profession, public opinion, body of knowledge

**\* Martinson, Barbara E.**, Associate Professor and Director of Graduate Studies  
Ph.D., University of Minnesota  
Design education/design history/communication and perception

**McCarthy, Steven**, Professor  
M.F.A., Stanford University  
Self-authored graphic design, artist's books, interactive design

**Waldron, Carol C.**, Assistant Professor  
M.A., University of Minnesota  
Typography, books, material, color, legibility, and expression

**Williams, Gloria M.**, Associate Professor  
Ph.D., University of Minnesota  
Knowledge of structures, ideologies appearance, textile/apparel labor issues

**Yust, Becky Love**, Professor and Department Head  
Ph.D., The Ohio State University  
Social and technological aspects of housing

**Ziebarth, Ann C.**, Associate Professor  
Ph.D., Louisiana State University  
Housing policy, rural/small town housing, housing affordability/availability

**Zollinger, Stephanie A.**, Associate Professor  
Ed.D., University of Arkansas  
Vernacular architecture, design education issues

## Landscape Architecture

**Abbott, Dean**, Senior Lecturer  
M.L.A., Harvard University  
Graphics, art of design

**Agee, Bradley**, Lecturer  
B.L.A., University of Minnesota  
Design

**Clemence, Roger**, Professor Emeritus  
M.L.A., M.Arch., University of Pennsylvania  
Art of design

**Colberg, Donald**, Teaching Specialist  
M.L.A., University of Minnesota  
Design technology

**DeBritto, Vincent**, Lecturer  
M.L.A., Cornell University  
Design history and theory

**Favour, Joseph**, Adjunct Assistant Professor  
M.L.A., Harvard University  
Construction technology

**Grotta, Stephanie**, Adjunct Assistant Professor  
M.L.A., University of Minnesota  
Design technology

**Gunderson, Robert**, Adjunct Assistant Professor (A.S.L.A., R.L.A.)  
M.L.A., University of Pennsylvania  
Construction technology

**Hewitt, Clinton**, Associate Professor  
M.L.A., Michigan State  
Campus planning

**Koepke, John**, Associate Professor  
(R.L.A.)  
M.L.A., University of Washington  
Ecological design, Native American design issues

**Krinke, Rebecca**, Assistant Professor and Director of Graduate Studies  
M.F.A., Massachusetts College of Art  
Art of design, sculpture

**§ Martin, Roger B.**, Professor Emeritus  
(F.A.S.L.A., R.L.A.)  
M.L.A., Harvard University  
Design research, design education

**Miller, Kristine**, Associate Professor  
Ph.D., Edinburgh University; M.L.A., Cornell University  
Public space design issues

**Murphy, Richard, Jr.**, Adjunct Assistant Professor  
M.L.A., Harvard University  
Professional practice

**Musacchio, Laura**, Associate Professor  
Ph.D., Texas A&M University; M.L.A., State University of New York  
Landscape ecological planning and technology

**§ Neckar, Lance**, Professor and Department Head (R.L.A.)  
M.A., University of Wisconsin; M.L.A., Harvard University  
Landscape architecture history and theory, urban design practice

**Nelson, Craig**, Adjunct Assistant Professor  
M.L.A., University of Minnesota  
Landscape integration

**Nunnally, Patrick**, Adjunct Assistant Professor  
Ph.D., University of Iowa  
Landscape architecture and urban and regional design

**Olin, Peter**, Associate Professor and Director, **Minnesota Landscape Arboretum** (A.S.L.A., R.L.A.)  
M.L.A., Cornell University  
Design, horticultural issues

**Pitt, David G.**, Professor and Director of Undergraduate Studies (A.I.C.P.)  
Ph.D., University of Arizona  
Landscape perception, regional landscape research, GIS assessment

**Roos, Stephen**, Research Fellow and Lecturer  
M.L.A., University of Minnesota  
GIS technology

**Rozumalski, Fred**, Adjunct Assistant Professor  
M.L.A., University of Minnesota  
Planting design and ecological restoration

**Shaw, Daniel**, Adjunct Assistant Professor  
M.L.A., University of Minnesota  
Horticultural design

**Sykes, Robert D.**, Associate Professor (A.S.L.A., R.L.A.)  
M.L.A., Harvard University  
Surface water and transportation systems, design theory

# College of Education and Human Development Administration

**Darlyne Bailey**, Dean, Assistant to the President, and Campbell Leadership Chair in Education and Human Development

**Jean K. Quam**, Senior Associate Dean for Academic Affairs and Faculty Development

**Heidi Barajas**, Associate Dean for Outreach and Community Engagement

**Mary Bents**, Associate Dean for Undergraduate and Professional Programs

**David R. Johnson**, Associate Dean for Research and Policy

Faculty are listed below for the following CEHD departments:

- Curriculum and Instruction
- Educational Policy and Administration
- Educational Psychology
- Family Social Science
- Institute of Child Development
- Kinesiology, School of
- Music Education (CLA)
- Postsecondary Teaching and Learning
- Social Work, School of
- Work and Human Resource Education

## Curriculum and Instruction

**Avery, Patricia**, Professor  
Ph.D., Emory University  
Social studies education, history of American education, political education

**Beach, Richard**, Professor  
Ph.D., University of Illinois  
English education

**Bequette, James**, Assistant Professor  
Ph.D., Stanford University  
Art education

**Bigelow, Martha**, Assistant Professor  
Ph.D., Georgetown University  
Second languages and cultures

**Byrn, Katherine**, Teaching Specialist  
M.A., University of Minnesota  
Urban education, especially related to reading

**Clover, Faith**, Lecturer  
Ph.D., University of Arizona  
Art education

**Cooke, Betty**, Lecturer  
Ph.D., University of Minnesota  
Family, youth, and community

**Covington Clarkson, Lesa**, Assistant Professor  
Ph.D., University of Minnesota  
Mathematics education

**Cramer, Kathleen**, Associate Professor  
Ph.D., University of Minnesota  
Mathematics education

**DeLapp, Peggy**, Teaching Specialist  
M.A., The Ohio State University  
Elementary education

**Dillon, Deborah**, Guy Bond Professor in Reading  
Ph.D., University of Georgia  
Literary research and qualitative research methods

**Doering, Aaron**, Assistant Professor and Bonnie Westby Huebner Chair in Education and Technology  
Ph.D., University of Minnesota  
Use of technology to improve teaching and learning, students' use of constructivist tools to design learning environments, examination of pedagogy using geographic information systems

**Englund, Lynn**, Lecturer  
Ph.D., University of Minnesota  
Family, youth, and community

**Finley, Fred**, Associate Professor  
Ph.D., Michigan State University  
Science education, environmental education

**Flynn, Leslie**, Teaching Specialist  
Science education

**Galda, Lee**, Professor  
Ph.D., New York University  
Children's literature, response to literature

**Helman, Lori**, Assistant Professor  
Ph.D., University of Nevada  
Literacy, teacher education, reading



## Faculty and Administration

**Jacobs, Benjamin**, Assistant Professor  
Ph.D., Columbia University  
Social studies education

**Johnson, Roger**, Professor  
Ed.D., University of California, Berkeley  
Elementary and science education,  
cooperative learning

**Johnson, Terry**, Lecturer  
Ph.D., University of Minnesota  
Social studies education, elementary  
education

**Kimball, Lisa**, Lecturer  
Ph.D., University of Minnesota  
Interdisciplinary and cross-cultural  
approaches to youth development

**Lensmire, Timothy**, Associate Professor  
Ph.D., Michigan State University  
Literacy education, elementary school  
writing instruction

**Lewis, Cynthia**, Professor  
Ph.D., University of Iowa  
Social, cultural, and critical dimensions of  
literacy; literacy, identity, and discourse;  
digital and new-media literacies; teacher  
study groups

**Lundell, Amy Jo**, Teaching Specialist  
M.Ed., University of Minnesota

**Mayo, J. B.**, Assistant Professor  
Ph.D., University of South Florida  
Multicultural education, global education,  
and the teaching of history

**Miller, Charles D.**, Postdoctoral  
Associate  
Ph.D., University of Minnesota  
Effects of emotional design on the learner  
experience

**Mogush, Patsy**, Lecturer  
Ph.D., University of Minnesota  
How young children understand what  
they read

**Moore, Tamara**, Assistant Professor  
Ph.D., Purdue University  
Mathematics education, model-eliciting  
activities

**Ngo, Bic**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Social and cultural contexts of education,  
refugee/immigrant education, urban and  
multicultural education

**O'Brien, David**, Professor  
Ph.D., University of Georgia  
Literacy education, use of information  
technologies

**Plihal, Jane E.**, Associate Professor  
Ph.D., University of Chicago  
Research methodology, integration  
of vocational and academic education,  
international education

**Post, Thomas**, Professor  
Ph.D., Indiana University  
Elementary education, mathematics  
education

**Ranney, Susan**, Lecturer  
Ph.D., University of Minnesota  
Second languages and cultures education,  
contextual grammar instruction

**Roehrig, Gillian**, Associate Professor  
Ph.D., University of Arizona  
Supporting beginning teachers, science  
education

**Sato, Mistilina**, Assistant Professor  
Ph.D., Stanford University  
Teacher development

**Swiss, Thomas**, Professor  
M.F.A., University of Iowa  
Interdisciplinary subjects, including  
popular culture as pedagogy

**Taylor, Barbara**, Professor  
Ed.D., Virginia Polytechnic Institute and  
State University  
Literacy education, reading difficulties

**§ Tedick, Diane**, Associate Professor  
Ph.D., The Ohio State University  
Second languages and cultures education

**Thomas, Ruth**, Professor  
Ph.D., University of Minnesota  
Thinking, learning, and teaching in  
context of everyday life

**Tidel Rapport, Rebecca**, Lecturer  
Ph.D., University of Minnesota  
Children's and adolescent literature

**Upadhyay, Bhaskar**, Assistant Professor  
Ph.D., University of Texas at Austin  
Science teaching and learning; issues of  
access, ethnicity, and race that surround  
science education in urban schools

**Walker, Constance**, Associate Professor  
Ph.D., University of Illinois, Urbana-  
Champaign  
Second languages and cultures, serving  
bilingual populations

**Walker, Joyce A.**, Professor and Youth  
Development Educator  
Ph.D., University of Minnesota  
Community youth organizations, youth  
policy, youth development leadership

**Walker, Susan K.**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Parent education, parenting and early  
education, use of technology in teaching  
and learning

**Wyberg, Terrence**, Lecturer  
Ph.D., University of Minnesota  
Mathematics education

### Educational Policy and Administration

**Alexander, Nicola**, Associate Professor  
Ph.D., State University of New York,  
Albany  
Public administration, school finance

**Anderson, Melissa**, Associate Professor  
Ph.D., University of Minnesota  
Higher education administration and  
policy, equity and finance

**Brunner, C. Cryss**, Associate Professor  
Ph.D., University of Kansas  
Educational management and leadership

**Chapman, David**, Rodney Wallace  
Professor for the Advancement of  
Teaching and Learning  
Ph.D., Syracuse University  
Educational development, program  
evaluation, education policy

**DeJaeghere, Joan**, Assistant Professor  
Ph.D., University of Minnesota  
Comparative and international develop-  
ment education

**Demerath, Peter**, Associate Professor  
Ed.D., University of Massachusetts  
Educational anthropology, comparative  
study of class culture and education,  
urban education, school-university  
partnerships, research methodology

**Fry, Gerald**, Professor  
Ph.D., Stanford University  
Southeast Asia, comparative education,  
international educational reform, human  
resource development, education and  
development, politics of education

**Harkins, Arthur**, Associate Professor  
Ph.D., University of Kansas  
Educational and workplace futures,  
knowledge-based education, anticipatory  
leadership

**Hendel, Darwin**, Associate Professor  
and Department Head  
Ph.D., University of Minnesota  
Undergraduate education, evaluation of  
teaching and learning, strategic planning,  
institutional research, student affairs

**Johnson, David R.**, Professor  
Ph.D., University of Minnesota  
Special education administration, evalua-  
tion studies, disability policy analysis

**King, Jean**, Professor  
Ph.D., Cornell University  
School change, program evaluation,  
action research

**Magnusson, Deanne**, Lecturer  
Ph.D., University of Minnesota  
Leadership development in U.S. and  
international schools, performance-based  
accountability systems for K-12  
schools, adult learning and professional  
development

**§ Paige, R. Michael**, Professor  
Ph.D., Stanford University  
International development education,  
intercultural education and training,  
multicultural education

**Ropers-Huilman, Becky**, Professor  
Ph.D., University of Wisconsin, Madison  
Race and gender in higher education,  
curriculum and college teaching, college  
students in the United States, qualitative  
research methods, feminist theory

**Schneider, Byron**, Associate Professor  
Ph.D., University of Chicago  
Youth development leadership, youth  
policy

**Seashore, Karen**, Rodney Wallace  
Professor for the Advancement of  
Teaching and Learning  
Ph.D., Columbia University  
Organizational theory, planned change,  
schools as workplaces, leadership

**Wahlstrom, Kyla**, Research Associate  
Ph.D., University of Minnesota  
Organizational leadership and commu-  
nication, educational politics, graduation  
standards and performance assessment

**Yeh, Stuart**, Assistant Professor  
Ph.D., Stanford University  
Education program evaluation

**§ York-Barr, Jennifer**, Professor  
Ph.D., University of Wisconsin  
Interprofessional collaboration, staff  
development, school restructuring,  
developmental disabilities

### Educational Psychology

**Applebee, Shirley**, Teaching Specialist  
American Sign Language

**Bart, William M.**, Professor  
Ph.D., University of Chicago  
Cognitive process in reasoning, cognitive  
diagnostic testing and associated  
psychometric models, educational reform  
and improvement

**Bruininks, Robert H.**, Professor  
Ph.D., Vanderbilt University  
Developmental disabilities

**Burke, Caroline**, Lecturer  
Ph.D., Auburn University  
Counseling and student personnel  
psychology

**Burns, Matthew Kevin**, Associate  
Professor  
Ph.D., Andrews University  
School psychology

**Christ, Theodore J.**, Assistant Professor  
Ph.D., University of Massachusetts  
Developing and evaluating alterna-  
tive academic assessments, such as  
curriculum-based measurement

**Christenson, Sandra L.**, Emma  
Birkmaier Educational Leadership  
Professor  
Ph.D., University of Minnesota  
Home-school-community collaboration,  
ecological assessment

**Craig-Unkefer, Lesley**, Assistant  
Professor  
Special education

**§ Davenport, Ernest C.**, Associate  
Professor  
Ph.D., University of North Carolina-  
Chapel Hill  
Computers in social science research,  
exploratory data analysis

**Davison, Mark L.**, Professor  
Ph.D., University of Illinois, Urbana-  
Champaign  
Educational and psychological measure-  
ment, psychological scaling, statistics

**DelMas, Robert C.**, Associate Professor  
Ph.D., University of Minnesota  
Activity-based instructional approach on  
students' understanding of probability

**Deno, Stanley L.**, Professor  
Ph.D., University of Minnesota  
Mild disabilities

**Egbert, Shirley**, Assistant Education  
Specialist  
American Sign Language

**Espin, Christine A.**, Professor  
Ph.D., University of Minnesota  
Learning disabilities

**Everson, Michelle**, Lecturer  
Ph.D., University of Minnesota  
Learning and cognition

**Fautsch-Patridge, Terri**, Teaching  
Specialist  
Special education

**\*§ Garfield, Joan**, Professor  
Ph.D., University of Minnesota  
Applied statistics, survey design, evalua-  
tion methods

**Goh, Michael**, Associate Professor  
Ph.D., University of Minnesota  
Counseling and student personnel  
psychology

**Harwell, Michael**, Professor  
Ph.D., University of Wisconsin, Madison  
Educational statistics

**Holte, Diane**, Associate Education  
Specialist  
American Sign Language

**Hummel, Thomas J.**, Professor  
Ph.D., Ohio University  
Computer applications, experimental  
design as applied to counseling research

**Hupp, Susan C.**, Professor and  
Department Chair  
Ph.D., University of Illinois  
Moderate/severe disabilities

**Jitendra, Asha**  
Ph.D., University of Oregon  
Special education

**Johnson, David W.**, Professor  
Ed.D., Columbia University  
Cooperation and competition, conflict  
resolution, social psychology of groups

**Johnson, Rania**, Assistant Education  
Specialist  
American Sign Language

**Kelley, Mary Beth**, Teaching Specialist  
Special education: foundations and  
emotional and behavioral disorders

**Kovacs, Susan**, Assistant Education  
Specialist  
American Sign Language

**Landi, Nicole**, Assistant Professor  
Ph.D., University of Pittsburgh  
Learning cognition

**Lau, Matthew**, Lecturer  
School psychology

**§ Lawrenz, Frances P.**, Professor  
Ph.D., University of Minnesota  
Science education, program and evaluation studies

**Long, Jeffrey**, Associate Professor  
Ph.D., University of Southern California  
Educational statistics

**Maruyama, Geoffrey M.**, Professor  
Ph.D., University of Southern California  
Diversity in education, educational applications of social psychology

**McComas, Jennifer**, Associate Professor  
Ph.D., The University of Iowa  
Emotional and behavioral disorders

**McConnell, Scott R.**, Professor  
Ph.D., University of Oregon  
Early childhood, prenatal exposure to drugs and alcohol

**McMaster, Kristen**, Assistant Professor  
Ph.D., Vanderbilt University  
Special education

**Neubarth, Bradley**, Teaching Specialist  
American Sign Language

**Paulson, Anna**, Teaching Specialist  
Special education

**Pellegrini, Anthony**, Professor  
Ph.D., The Ohio State University  
Children's play, observational research methods

**Rodriguez, Michael**, Associate Professor  
Ph.D., Michigan State University  
Measurement and evaluation

**Romano, John L.**, Professor  
Ph.D., Arizona State University  
Stress, coping, and well-being; psychology and prevention science and practice; international education

**Rose, Susan**, Associate Professor  
Ph.D., The Ohio State University  
Deaf/hard of hearing

**Roseth, Cary**, Teaching Specialist  
Psychological foundations of education

**Samuels, S. Jay**, Professor  
Ed.D., University of California  
Learning and cognition, psychology of values, character education

**Seifert, Kathleen**, Teaching Specialist  
Special education

**Siebert, Renee**, Assistant Education Specialist  
American Sign Language

**\*§ Skovholt, Thomas M.**, Professor  
Ph.D., University of Missouri  
Professional psychology, counselor training, sex roles

**§ Symons, Frank**, Associate Professor  
Ph.D., Vanderbilt University  
Special education/social, emotional, and behavioral difficulties

**Tennyson, Robert D.**, Professor  
Ph.D., Brigham Young University  
Adult learning, instructional psychology and technology, educational technology

**Turner, Sherri**, Associate Professor  
Ph.D., University of Missouri-Columbia  
Counseling and student personnel psychology

**van den Broek, Paulus**, Professor  
Doctoraals, University of Leiden-The Netherlands  
Ph.D., University of Chicago

Performance of complex cognitive tasks (learning, reading, remembering, reasoning)

**§ Veach, Patricia McCarthy**, Professor  
Ph.D., The Ohio State University  
Counseling process and self-disclosure research; practicum, supervision, and counseling

**Wahl, Kay Herting**, Associate Professor  
Ed.D., University of South Dakota, Vermillion  
School psychology

**Ysseldyke, James E.**, Professor  
Ph.D., University of Illinois  
Educational outcomes, assessment, education of students with mild disabilities

**Zeibot, Alex**, Teaching Specialist  
American Sign Language

**Zieffler, Andrew**, Lecturer  
Ph.D., University of Minnesota  
Psychological foundations of education

## Family Social Science

**§ Bauer, Jean**, Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Economic well-being of the family, family policy, welfare reform, family and community well-being, policies and interface of the family system with other systems

**Craft, Shonda**, Assistant Professor  
Ph.D., The Ohio State University  
Sexuality and public health (HIV, sexual identity, women's health), intimate partner violence, marriage and family therapy, cultural identity

**Danes, Sharon**, Professor  
Ph.D., Iowa State University  
Intersection of social and economic decision-making; family businesses; families and work; family financial issues; change and resiliency; farm women, families, and businesses; children and money

**§ Doherty, William**, Professor  
Ph.D., University of Connecticut  
Fatherhood, marriage and family therapy, families dealing with chronic illness, ethics, community and family

**Dworkin, Jodi**, Assistant Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Promoting positive family development, strengthening families and communities, normative adolescent development, parenting adolescents

**Gewirtz, Abi**, Assistant Professor  
Ph.D., Columbia University  
Trauma, resilience, parenting, children's healthy development

**Goodman, William J.**, Senior Lecturer and Associate Professor and Program Committee Chair  
Ph.D., Purdue University  
Undergraduate education; gay, lesbian, and bisexual families; marriage and family therapy; family of origin; diversity issues

**Grotevant, Harold D.**, Professor  
Ph.D., University of Minnesota  
Adoptive families, adolescent development, identity development, family assessment and methodology

**McCulloch, B. Jan**, Professor and Department Head  
Ph.D., University of North Carolina-Greensboro  
Mental and physical well-being of older rural adults, rural aging, aging and family constructs and family influences on older rural women's medical decision-making, cultural awareness and competence, development across the lifespan, economic and social well-being

**Meyer, Cynthia**, Lecturer  
Ph.D., University of Minnesota  
Sexuality and families; gay, lesbian, and bisexual families; marriage and family therapy

**Olson, Patricia**, Area Program Leader—Personal and Family Financial Education  
Ph.D., The Ohio State University  
Entrepreneurship and self-sufficiency, rural family businesses, program evaluation

**Rettig, Kathryn**, Professor  
Ph.D., Michigan State University  
Family life quality; relationship-ending transitions; problem-solving, decision-making, and human resource development in families; value conflicts resulting from legal-economic and ethical challenges; economic consequences of divorce

**Rosenblatt, Paul C.**, Professor  
Ph.D., Northwestern University  
Family systems, qualitative family research, loss and families, farm and business families, anthropology of families, family theory, multicultural/multiracial families, scholarly and "folk" epistemology

**Rueter, Martha**, Associate Professor  
Ph.D., Iowa State University  
Rural families, parent-adolescent problem solving, alcohol use in adolescence, suicidal behavior among rural adolescents, sibling interaction and behavior

**Solheim, Catherine**, Associate Professor  
Ph.D., University of Minnesota  
Work and family issues, division of labor in families, family diversity, families and social policy, family resource management

**Stum, Marlene**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Aging families and long-term care, economic well-being, decision-making issues and processes in later life families, intergenerational resource transfers

**Turner, William L.**, Professor  
Ph.D., Virginia Polytechnic Institute and State University  
Marriage and family therapy, resiliency and strengths of African-American families, end-of-life care among African-Americans, school and family-based substance abuse prevention, psychosocial dimensions of health, illness, and disability

**Wieling, Elizabeth**, Associate Professor  
Ph.D., Iowa State University  
Cross-cultural couple and family therapy, multiculturalism and diversity in clinical work and research, disparities in mental health, Latino/a mental health, evidence-based treatments for parenting, prevention in child and adolescent mental health, evidence-based treatments for mass trauma, international research: Mexico and Germany

**Xiong, Blong**, Associate Professor  
Ph.D., University of Minnesota  
Parent-adolescent relationships in immigrant families, adolescent adjustment, parent education

**Zuiker, Virginia S.**, Associate Professor  
Ph.D., The Ohio State University  
Family resource management, family economics, home-based employment, Hispanic family life

## Institute of Child Development

**Carlson, Stephanie**, Associate Professor  
Ph.D., University of Oregon  
Cognitive development, executive function, theory of mind, symbolism/pretend play, culture

**Cicchetti, Dante**, McKnight Presidential Chair and Professor  
Ph.D., University of Minnesota  
Developmental psychopathology, developmental neuroscience, molecular genetics, child maltreatment, mood disorders, personality disorders

**\*§ Collins, W. Andrew**, Professor  
Ph.D., Stanford University  
Socialization, social cognition, family relations

**§ Crick, Nicki**, Distinguished McKnight University Professor, Emma Birkmaier Educational Leadership Professor, and Institute Director  
Ph.D., Vanderbilt University  
Social-cognitive aspects of development

**Egeland, Byron**, Irving Harris Professor in Child Development  
Ph.D., University of Iowa  
Developmental psychopathology, abuse and maltreatment

**Ge, Xiaojia**, Professor  
Ph.D., Iowa State University  
Emotional and behavioral development in adolescence, developmental psychopathology, biological and social environmental interaction

**Georgieff, Michael**, Professor  
M.D., Washington University  
Effect of fetal and neonatal iron deficiency on brain development and neurocognitive outcome, the effect of prenatal stress and intrauterine growth retardation on the developing memory system

**Gunnar, Megan**, Distinguished McKnight University Professor  
Ph.D., Stanford University  
Social and biological aspects of development

**§ Karatekin, Canan**, Associate Professor  
Ph.D., University of California, Los Angeles  
Cognitive neuroscience, child clinical psychology

**Koenig, Melissa**, Assistant Professor  
Ph.D., University of Texas at Austin  
Language acquisition, cognitive development, pragmatics and social cognition, word learning

**Maratsos, Michael**, Professor  
Ph.D., Harvard University  
Language development, psycholinguistics

**\*§ Masten, Ann**, Distinguished McKnight University Professor  
Ph.D., University of Minnesota  
Developmental psychopathology, stress and coping, humor

**Pick, Herbert, Jr.**, Professor  
Ph.D., Cornell University  
Perceptual development, learning

**Reynolds, Arthur**, Professor  
Ph.D., University of Illinois at Chicago  
Early educational interventions, early childhood development, evaluation research, prevention science, school and family influences on development

## Faculty and Administration

**§ Sera, Maria, Professor**  
Ph.D., Indiana University  
Cognitive and linguistic development

**Sroufe, L. Alan, William Harris Professor in Child Development**  
Ph.D., University of Wisconsin  
Socioemotional development, developmental psychopathology

**§ Thomas, Kathleen, Associate Professor**  
Ph.D., University of Minnesota  
Cognitive development, implicit learning, pediatric neuroimaging, fMRI

**§ Weinberg, Richard, Professor**  
Ph.D., University of Minnesota  
Behavior genetics, assessment, preschool education

**Yonas, Albert, Professor**  
Ph.D., Cornell University  
Perceptual development

**Yussen, Steven, Professor**  
Ph.D., University of Minnesota  
Children's learning and cognitive development

**Zelazo, Philip David, Nancy M. and John E. Lindahl Professor for Excellence in Teaching and Learning**  
Ph.D., Yale University  
Cognitive development and developmental cognitive neuroscience

### Kinesiology, School of

**Allison, Rayla, Lecturer**  
J.D., William Mitchell College of Law  
Sport law, sport marketing, sport finance, strategic sport marketing

**Biltz, George, Lecturer**  
M.D., University of Minnesota  
Kinesiology, human physiology, exercise physiology

**Brownlee, Eric, Teaching Specialist**  
Ph.D. candidate, University of Louisville  
Sport marketing, college athletics, and research methods

**Buysse, Jo Ann, Education Specialist**  
Ph.D., University of Minnesota  
Media constructions of gender and race in sport, women in coaching, administration of athletics

**Dengel, Donald, Associate Professor**  
Ph.D., University of Georgia  
Exercise biochemistry, exercise physiology, hypertension, glucose metabolism, obesity, aging

**Feldman, Harvey, Teaching Specialist**  
M.Ed., University of Minnesota  
Recreation and park administration

**Ingraham, Stacy, Teaching Specialist**  
Ph.D., University of Minnesota  
Exercise physiology with an emphasis in public health epidemiology

**§ Kane, Mary Jo, Professor, Tucker Chair, and Director**  
Ph.D., University of Illinois  
Social-psychological parameters of sport/physical activity, media representations of women in sports

**Kihl, Lisa, Assistant Professor**  
Ph.D., University of British Columbia  
Organizational theory, sport policy, sport management ethics, governance, civic participation, and intercollegiate athletics

**Konczak, Jürgen, Professor**  
Ph.D., University of Wisconsin  
Neuromotor control, biomechanics of coordination, pathokinesiology, developmental kinesiology

**LaVoi, Nicole, Research Associate and Lecturer**  
Ph.D., University of Minnesota  
Sport psychology, sport sociology, girls and women in sports

**Leitschuh, Carol, Research Associate**  
Ph.D., Oregon State University  
Movement assessment of infants, toddlers, and preschoolers using general outcome measures; successful developmental outcomes for children with disabilities; prenatal cocaine-polydrug exposure and developmental outcome

**Leon, Arthur S., Henry Taylor Professor in Exercise Science and Health Enhancement**  
M.D., University of Wisconsin  
Exercise physiology, physical activity's role in chronic disease

**Lewis, Beth A., Assistant Professor**  
Ph.D., University of North Dakota  
Exercise psychology, motivational strategies for physical activity adoption and maintenance

**Magnuson, Connie, Teaching Specialist**  
Ph.D., University of Minnesota  
Community-based therapeutic recreation, recreation administration and program planning, outdoor and environmental education, youth studies

**Petit, Moira A., Assistant Professor**  
Ph.D., University of British Columbia  
Community-based physical activity interventions to optimize bone health during childhood and adolescence; childhood and youth obesity prevention; inter-relationships of physical activity, nutrition, and endocrine status on bone health and fracture prevention; bone-muscle adaptation to mechanical loading

**Rodgers, Richard, Teaching Specialist**  
Motor development, behavioral biology

**Ross, Stephen, Assistant Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Sport management studies

**Russell, Keith, Associate Professor**  
Ph.D., University of Idaho  
Adventure and wilderness therapy and education, human and nature relationships, program evaluation, research methods, recreation and park administration and management, outdoor and environmental education

**Serfass, Robert C., Associate Professor**  
Ph.D., University of Minnesota  
Exercise physiology, sport training, fitness, sports nutrition

**Spletzer, Elizabeth, Education Specialist**  
M.S., Eastern Michigan University  
Pedagogy and biomechanics

**Stoffregen, Thomas, Professor**  
Ph.D., Cornell University  
Movement-based knowledge, perception and action, human factors

**Wade, Michael G., Professor**  
Ph.D., University of Illinois  
Motor skill development, human factors, developmental disabilities, aging

**Weiss, Maureen R., Professor**  
Ph.D., Michigan State University  
Psychological and social development of children and adolescents through participation in sport and physical activity

**Wiese-Bjornstal, Diane M., Associate Professor**  
Ph.D., University of Oregon  
Sport psychology, youth sport, psychology of sport injury

### Music Education

**Addo, Akosua, Associate Professor**  
Ph.D., University of British Columbia  
International issues in music education, multimedia ethnography

**Hamann, Keitha Lucas, Associate Professor**  
Ph.D., University of Miami  
Choral music education

**Lipscomb, Scott, Associate Professor**  
Ph.D., University of California Los Angeles  
Music education, technology in the music classroom

**Pohland, Glenn, Assistant Professor**  
D.M.A., Arizona State University  
Music education

### Postsecondary Teaching and Learning

**Arendale, David R., Assistant Professor**  
Ph.D., University of Missouri-Kansas City

Academic access and developmental education, strategies that increase the success of under-represented student populations in college

**Barajas, Heidi L., Associate Professor**  
Ph.D., University of Minnesota  
Diversity and equity in public school instruction, civic engagement, and service learning in the classroom

**§ Brothen, Thomas F., Professor**  
Ph.D., University of Minnesota  
Computer-assisted instructional methods and student self-regulation of learning

**Buturian, Linda, Senior Teaching Specialist**  
M.A., University of Cincinnati  
Humanities

**Chapman, Jeffrey, Teaching Specialist**  
B.F.A., Minneapolis College of Art and Design  
Art

**Collette, Lawrence, Teaching Specialist**  
M.B.A., Metropolitan State University  
Business

**Collins, Molly, Senior Teaching Specialist**  
M.A., University of Minnesota  
Commanding English

**Delehanty Kelly, Margaret, Senior Teaching Specialist**  
M.A., University of Minnesota  
Commanding English program

**Detzner, Daniel F., Professor**  
Ph.D., University of Minnesota  
Intersection of social gerontology, family science, and ethnic studies

**Dorsey, Heather, Teaching Specialist**  
M.L.S., University of Minnesota  
Communication

**Duranczyk, Irene M., Assistant Professor**  
Ed.D., Grambling State University  
Qualitative studies of the outcomes of developmental mathematics, math autobiographies, affective factors influencing mathematics outcomes

**Fayon, Annia K., Assistant Professor**  
Ph.D., Arizona State University  
Geology

**Fitzpatrick, Renata, Senior Teaching Specialist**  
M.A., University of Minnesota  
Commanding English program

**Frederickson, Christina, Teaching Specialist**  
M.A., University of Northern Iowa  
Communication and theater

**Gardner, LeRoy, Jr., Senior Teaching Specialist**  
M.A., University of Minnesota  
Social sciences

**Ghere, David L., Associate Professor**  
Ph.D., University of Maine  
American Indians during the colonial period

**Goette, Susan, Teaching Specialist**  
Ph.D., University of Minnesota  
Social sciences

**Grier, Tabitha L., Assistant Professor**  
Ph.D., University of Minnesota  
Educational psychology, career development

**\*§ Hatch, Jay T., Associate Professor**  
Ph.D., University of Minnesota  
Universal Instructional Design, diversity, and the environment

**Higbee, Jeanne L., Professor**  
Ph.D., University of Wisconsin, Madison  
Serving students with disabilities, multicultural education, barriers to learning mathematics, and affective variables related to learning

**Hodne, Barbara, Senior Teaching Specialist**  
Ph.D., University of Minnesota  
Commanding English program and literature

**\*Hsu, Leon, Associate Professor**  
Ph.D., University of California, Berkeley  
Thought processes underlying learning in domains such as science and math, design instruction based on that understanding

**Hyland, Ezra, Teaching Specialist**  
M.A., Michigan State University  
Humanities

**Jacobs, Walter R., III, Associate Professor**  
Ph.D., Indiana University  
Popular culture and creative nonfiction as sites of pedagogy

**\*§ James, Patricia A., Associate Professor**  
Ph.D., University of Minnesota  
Understanding ways to teach and learn artistic creativity

**Jehangir, Rashné R., Assistant Professor**  
Ph.D., University of Minnesota  
Educational policy and administration, international literature

**\*§ Jensen, Murray S., Associate Professor**  
Ph.D., University of Minnesota  
Technology in science education, cooperative learning, and students' understanding of evolution

**\*§ Koch, Laura Coffin, Associate Professor**  
Ph.D., University of Minnesota  
Mathematics

**\* Lee, Amy M., Associate Professor and Department Head**  
Ph.D., University of Massachusetts, Amherst  
Composition studies, critical pedagogy, teacher and student development

**Loch, Suzanne, Senior Teaching Specialist**  
M.A., University of Minnesota  
Statistics

**Madyun, Na'im, Assistant Professor**  
Ph.D., University of Minnesota  
Psychology

**Miksich, Karen L.**, Assistant Professor  
J.D., University of California, Berkeley  
Law of higher education, transitions to college, access to higher education policy, and affirmative action

**Murie, Robin**, Program Director and Teaching Specialist  
M.A., University of Minnesota  
Commanding English program

**Peter, Gary**, Senior Teaching Specialist  
M.F.A., Sarah Lawrence College  
Social sciences and humanities

**Peterson, Richard**, Teaching Specialist  
M.S., Mankato State University  
Business

**§ Robertson, Douglas F.**, Professor  
Ph.D., University of Minnesota  
Mathematics, computing

**Staats, Susan K.**, Assistant Professor  
Ph.D., Indiana University  
Mathematics, anthropology

**Stottlemeyer, Janet**, Senior Teaching Specialist  
Ph.D., University of Minnesota  
Mathematics

**Trites, Jill**, Senior Teaching Specialist  
M.A., University of Minnesota  
Commanding English

\***§ Wambach, Cathrine A.**, Associate Professor  
Ph.D., University of Minnesota  
Curriculum evaluation and developmental education

**Yahnke, Robert E.**, Professor  
Ph.D., University of Wisconsin, Madison  
Contributions of film and literature to gerontological education

### School of Social Work

\***§ Albrecht, Lisa**, Associate Professor  
Ph.D., SUNY-Buffalo  
Feminist alliance politics, social justice, working for racial justice

**§Baizerman, Michael**, Professor  
Ph.D., University of Pittsburgh  
Adolescent/youth studies and public policy, healthy youth development

**Burton, Velmer S.**, Professor  
Ph.D., University of Cincinnati; Ed.D., University of Pennsylvania  
Community corrections, delinquency, and strain theory

**Dimock, Peter**, Teaching Specialist  
M.S.W., University of Minnesota  
Sexual victimization, sexual assault, molestation, abuse, child abuse, child maltreatment, exploitation, sexual abuse and male socialization, male sexuality, homosexuality, long term effects, post-traumatic stress disorder, chemical abuse/sexual abuse, addiction, sexual addiction, sexual compulsivity, offending, offenders, perpetrators, battered women, restorative justice

**Edleson, Jeffrey**, Professor  
Ph.D., University of Wisconsin, Madison  
Social work research methods, family violence, electronic provision of information

**Fisher, Colleen**, Assistant Professor  
Ph.D., Washington University in St. Louis  
Adolescent health and risk factors, HIV prevention, identity development, LGBT issues

**Gibson, Priscilla**, Associate Professor  
Ph.D., University of Denver  
Culturally sensitive services to African-American families, African-American grandmothers as kinship care providers, families with children who have developmental delays, qualitative research methods

**Gilgun, Jane F.**, Professor  
Ph.D., Syracuse University  
Child welfare, child sexual abuse, development of violent behavior, resilience

**Hendrickson, Trude**, Teaching Specialist and Moorhead Site Coordinator  
M.S.W., University of Iowa  
Child welfare, family therapy, rural social work, social work supervision and social work ethics

**Hollister, C. David**, Professor  
Ph.D., University of Michigan  
Program evaluation, neighborhood revitalization, substance abuse and child welfare, international social welfare

**Jones, Linda**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Lesbian and gay families and their children, ethics, program evaluation, woman and social policy issues

**Kimball, Lisa**, Lecturer  
Ph.D., University of Minnesota  
Spirituality, religiosity, and young people; interdisciplinary and cross-cultural approaches to youth development; experiential learning in formal and informal education; youth work and organizational development

**§ Kivnick, Helen Q.**, Professor  
Ph.D., University of Michigan  
Life strengths, CitySongs project, vital involvement practice, elder role models, life-cycle therapy

**Lightfoot, Elizabeth**, Associate Professor  
Ph.D., Indiana University at Bloomington  
Public policy, public management, comparative politics, disability policy

**Lee, Hee Yun**, Assistant Professor  
Ph.D., University of California, Los Angeles  
Elder mistreatment, family violence, aging and mental health, subjective well-being and immigration, alcohol use among AAPIs (Asian American/Pacific Islanders), development of culturally competent measurement and intervention programs, and mixed method approach in social work research

**Lum, Yat-sang Terry**, Associate Professor  
Ph.D., Washington University  
Socialgerontology, long-term care, social policy, quantitative research methods, evaluation

**Menanteau-Horta, Dario**, Professor  
Ph.D., University of Minnesota  
Social organization, community change, rural development, inequality and social well-being, Latin America

**§ Morrissey, Megan**, Lecturer  
Ph.D., University of Minnesota  
Social welfare history, social welfare policy, social history of American women, community organization

**Quam, Jean K.**, Professor  
Ph.D., University of Wisconsin, Madison  
Aging, older women, chronically mentally ill, social work history, gay and lesbian aging

**§ Reinardy, James**, Associate Professor and Director  
Ph.D., University of Minnesota  
Long-term care issues, assessment of older adults, decision-making and care planning, social welfare policy, community organization

**Roholt, Ross VeLure**, Assistant Professor  
Ph.D., University of Minnesota  
Youth work in contested spaces, youth civic engagement, participatory models of youth development

**Rooney, Ronald**, Professor  
Ph.D., University of Chicago  
Work with involuntary clients, time-limited practice, public social services, teaching/faculty roles in social work and other university settings

**Taylor, Edward**, Associate Professor  
Ph.D., University of Southern California  
Childhood mental illness; social, cognitive, and socialization deficits, and violent behaviors from a biopsychosocial perspective; education of social workers and other mental health professionals in treatment methods for individuals and families who experience mental illness

**Umbreit, Mark**, Professor  
Ph.D., University of Minnesota  
Restorative justice, indigenous justice and healing, human rights, victim services, criminal/juvenile justice, peacemaking, spirituality, forgiveness, reconciliation, mediation, conflict resolution, and social change

**Van Slyke, Victoria**, Lecturer  
Ph.D., University of Minnesota  
Forensic practice, changing models of supervision, impact of trauma over the lifespan, forces shaping the social work profession

**Wattenberg, Esther**, Professor  
M.A., University of Toronto; M.A., University of Chicago  
Child welfare, welfare reform particularly children in long-term foster care, concurrent planning, kinship foster care placement, chronically neglecting families, income issues, teen parenting, and family policy

**Wells, Susan**, Professor and Gamble-Skogmo Land Grant Chair in Child Welfare and Youth Policy  
Ph.D., University of Southern California  
Child welfare policy and practice with special interests in risk assessment and screening, decision-making, service coordination and promoting research-based practice

**§Williams, Oliver**, Professor  
Ph.D., University of Pittsburgh  
Creating effective service delivery strategies that will reduce violence among African Americans, ethnically sensitive practice, fatherhood

### Work and Human Resource Education

**Ardchivili, Alexandre**, Associate Professor  
Ph.D., Moscow State University; M.B.A., Ph.D., University of Minnesota  
International human resource development, organizational learning and knowledge management, innovation and entrepreneurship, ethical business cultures

**Bartlett, Kenneth**, Associate Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Human resource development, adult education

**Brown, James**, Professor  
Ph.D., Bowling Green State University  
Special learning needs, diversity in education and work settings

**Greiman, Bradley**, Assistant Professor  
Ph.D., University of Missouri, Columbia  
Agricultural education

**Krueger, Richard**, Professor  
Ph.D., University of Minnesota  
Program evaluation, focus group interviews

**Lambrecht, Judith**, Professor  
Ph.D., University of Wisconsin  
Business teacher education, instructional use of business software

**Lewis, Theodore**, Professor  
Ph.D., The Ohio State University  
Technology education curriculum, technology and work, workplace literacy

**Park, Rosemarie**, Associate Professor  
Ed.D., Harvard University  
Adult literacy education, workplace literacy, women's issues

**Peterson, Shari**, Assistant Professor  
Ph.D., University of Minnesota  
Adult education, human resource development, career decision-making

**Yang, Baiyin**, Associate Professor  
Ph.D., University of Georgia  
Adult education, human resource development

## College of Food, Agricultural and Natural Resource Sciences

### Administration

**Allen Levine**, Dean

**Jay Bell**, Associate Dean for Academic Programs and Faculty Affairs

**Carl Rosen**, Interim Associate Dean for Extension

**Abel Ponce de León**, Senior Associate Dean of Research

**Lori Engstrom**, Chief of Staff

**Becky Beyers**, Associate Director of Public Relations

**Mary Buschette**, Director of Alumni Relations

**Cynthia Cashman**, Director of Development

**Bill Ganzlin**, Director of Student Services

**Deb Karner**, Director of Human Resources

**Marty Moen**, Associate Director of Communications

**Milly Theis**, Director of Budget and Finance

**John Vreyens**, Director of International Programs

### Faculty

#### Agricultural, Food, and Environmental Education

**Greiman, Bradley**, Assistant Professor  
Ph.D., University of Missouri  
Reflective judgment, mentor-protégé relationships, effective teaching

#### Agronomy and Plant Genetics

**Anderson, James A.**, Professor  
Ph.D., Cornell University  
Plant breeding and genetics—wheat

\* **Cardwell, Vernon B.**, Professor  
Ph.D., Iowa State University  
Undergraduate education and advising, crop management and physiology

**Durgan, Beverly R.**, Professor  
Ph.D., North Dakota State University  
Weed management for small grains, sunflowers, minor crops

## Faculty and Administration

**Ehlke, Nancy Jo, Professor**  
Ph.D., Pennsylvania State University  
Forage, legumes and turf grasses, genetics, breeding methods, seed production

**Gunsolus, Jeffrey L., Professor**  
Ph.D., North Carolina State University  
Weed management in corn and soybeans

**Haar, Milton J., Assistant Professor**  
Ph.D., Iowa State University  
Education and research, crop/weed ecology

**Jordan, Nicholas R., Professor**  
Ph.D., Duke University  
Application of plant population ecology to agricultural problems

**Muehlbauer, Gary J., Associate Professor**  
Ph.D., University of Minnesota  
Molecular genetics of wheat and barley

**Naeve, Seth, Assistant Professor**  
Ph.D., Iowa State University  
Soybean management

**Orf, James H., Professor**  
Ph.D., University of Illinois  
Soybean genetics and breeding

**Peterson, Paul R., Associate Professor**  
Ph.D., University of Minnesota  
Forage management and utilization

**Phillips, Ronald L., Regents Professor**  
Ph.D., University of Minnesota  
Crop tissue culture, genomics and cytogenetics

**Porter, Paul, Professor**  
Ph.D., University of Illinois  
Cropping systems

**Sheaffer, Craig C., Professor**  
Ph.D., University of Maryland  
Alfalfa and forage management, sustainable cropping systems

\* **Simmons, Steve R., Professor**  
Ph.D., University of Minnesota  
Ecology of diversified cropping systems

**Smith, Kevin P., Associate Professor**  
Ph.D., University of Wisconsin, Madison  
Barley genetics and breeding

**Stupar, Robert, Assistant Professor**  
Ph.D., University of Wisconsin  
Molecular biology of legume crops

**Stuthman, Deon D., Professor**  
Ph.D., Purdue University  
Durable pest resistance, oat genetics and breeding

**Wyse, Donald L., Professor**  
Ph.D., Michigan State University  
Perennial weed control for grass/legume seed production

### Animal Science

**Baidoo, Samuel L., Associate Professor**  
Ph.D., University of Alberta  
Swine nutrition and management

**Crooker, Brian A., Professor**  
Ph.D., University of Illinois  
Nutritional physiology of ruminants

**Dayton, William R., Professor**  
Ph.D., Iowa State University  
Animal growth biology

**DiCostanzo, Alfredo, Professor**  
Ph.D., University of Minnesota  
Beef cattle nutrition and management

**El Halawani, M. E., Professor**  
Ph.D., University of California, Davis  
Avian endocrinology

**Endres, Marcia, Associate Professor**  
Ph.D., University of Minnesota  
Dairy management

**Fahrenkrug, Scott, Associate Professor**  
Ph.D., University of Minnesota  
Functional genomics

**Foster, Douglas N., Professor**  
Ph.D., University of California  
Molecular biology, avian endocrinology

\* **Hansen, Leslie B., Professor**  
Ph.D., Iowa State University  
Dairy genetics

**Hathaway, Marcia, Professor**  
Ph.D., University of Minnesota  
Muscle biology

**Jacob, Jacqueline, Assistant Professor**  
Ph.D., University of British Columbia  
Poultry management

**Linn, James Gary, Professor**  
Ph.D., University of Minnesota  
Dairy nutrition

**Mauro, Laura, Associate Professor**  
Ph.D., University of Minnesota  
Animal physiology/neuroscience, cell signaling

**Noll, Sally L., Professor**  
Ph.D., University of Minnesota  
Poultry (turkey) science

**O'Grady, Scott M., Professor**  
Ph.D., University of Illinois  
Electrolyte physiology

**Reneau, Jeffrey K., Professor**  
D.V.M., University of Minnesota  
Dairy management

**Rozeboom, Kyle J., Lecturer**  
M.S., University of Missouri  
Livestock production and evaluation

**Seykora, Anthony J., Professor**  
Ph.D., North Carolina State University  
Cattle breeding, dairy genetics

**§ Shurson, Gerald C., Professor**  
Ph.D., Michigan State University  
Swine nutrition management

**§ Stern, Marshall D., Professor**  
Ph.D., University of Maine  
Ruminant nutrition

**Ward, Christine, Assistant Clinical Professor**  
D.V.M., University of Minnesota  
Equine physiology

**Wheaton, Jonathan E., Professor**  
Ph.D., Oregon State University  
Reproductive endocrinology

\* **§ White, Michael E., Professor**  
Ph.D., University of Minnesota  
Muscle biology and growth

### Applied Economics

**Apland, Jeffrey D., Professor**  
Ph.D., Purdue University  
Production economics, managerial economics, mathematical programming

**§ Buhr, Brian L., Professor and E. Fred Koller Professor in Agricultural Management Information Systems**  
Ph.D., Iowa State University  
Agricultural marketing and price analysis

**Carlin, Caroline, Assistant Professor**  
Ph.D., University of Minnesota  
Health economics, employment-based health insurance, discrete choice methods

**Coggins, Jay S., Associate Professor**  
Ph.D., University of Minnesota  
Resource and environmental economics, political economy, policy analysis

**§ Davis, Elizabeth E., Associate Professor**  
Ph.D., University of Michigan  
Labor economics, public policy, poverty and welfare reform, rural economics

**Easter, K. William, Professor**  
Ph.D., Michigan State University  
Resource economics and development

**Fruin, Jeremiah E., Associate Professor**  
Ph.D., University of California, Berkeley  
Transportation economics, agricultural marketing and logistics

**Gartner, William, Professor**  
Ph.D., Michigan State University  
Tourism development

**Glewwe, Paul, Professor**  
Ph.D., Stanford University  
Development economics, applied microeconomics and econometrics

**§ Homans, Frances R., Associate Professor**  
Ph.D., University of California, Davis  
Resource economics

**Huang, Qiugiong, Assistant Professor**  
Ph.D., University of California, Davis  
Environmental resource economics, development, applied econometrics, economics of water resources

**Hurley, Terrance M., Associate Professor**  
Ph.D., Iowa State University  
Agricultural production and policy, environmental economics, experimental economics

**Kalambokidis, Laura, Associate Professor**  
Ph.D., University of Michigan  
Community economics and public finance

**§ King, Robert P., Professor**  
Ph.D., Michigan State University  
Management information systems, managerial economics, agribusiness management

**Kinsey, Jean D., Professor**  
Ph.D., University of California, Davis  
Consumption economics, food industry structure and distribution

**Lazarus, William F., Professor**  
Ph.D., University of Illinois  
Farm business and financial management

**§ Liu, Donald J., Professor**  
Ph.D., University of Minnesota  
Agricultural marketing and price analysis, agricultural trade, industrial organization, applied econometrics

**McCullough, Gerard John, Associate Professor**  
Ph.D., Massachusetts Institute of Technology  
Industrial organization, economics of transportation, applied economics

**Mykerezi, Elton, Assistant Professor**  
Ph.D. Virginia Polytechnic and State University  
Regional economics

**Nefstead, Ward E., Associate Professor**  
M.S., University of Minnesota  
Farm management and marketing

**§ Olson, Kent D., Professor**  
Ph.D., Iowa State University  
Production economics and farm management, agribusiness management

**Pardey, Philip G., Professor**  
Ph.D., University of Minnesota  
Agricultural research policy, economics of technical change

**Parliament, Claudia D., Professor**  
Ph.D., University of California, Berkeley  
Economic education

**Pederson, Glenn D., Professor**  
Ph.D., Michigan State University  
Agricultural finance, financial economics, agricultural policy and international development

**Polasky, Stephen, Fesler Lampert Professor of Ecological and Environmental Economics**  
Ph.D., University of Michigan  
Environmental and resource economics, ecology and economics, conservation biology, game theory

**Ritter, Joseph A., Associate Professor**  
Ph.D., University of Michigan  
Labor economics, public policy, economic data

**Roel, Terry Lee, Professor**  
Ph.D., Purdue University  
Economic growth development, trade, political economy, agricultural policy

**Runge, Carlisle Ford, Distinguished McKnight University Professor**  
Ph.D., University of Wisconsin, Madison  
Agricultural and natural resources policy, welfare economics

**Senauer, Benjamin H., Professor**  
Ph.D., Stanford University  
Consumer behavior and food policy

**Smith, Pamela, Associate Professor**  
Ph.D., University of Wisconsin, Madison  
International economics and econometrics

**Smith, Rodney B., Associate Professor**  
Ph.D., University of Maryland  
Government regulation and policy, economic development and growth, environmental and resource economics, production economics

**Stinson, Thomas F., Associate Professor**  
Ph.D., University of Minnesota  
Public finance and regional economic development

**Taff, Steven J., Associate Professor**  
Ph.D., University of Wisconsin, Madison  
Agricultural policy, local public finance, environmental policy

**Temple, Judy, Associate Professor**  
Ph.D., Michigan State University  
Public economics, economics of education, policy evaluation, state and local finance

**Yeap, Clarissa, Assistant Professor**  
Ph.D., University of Chicago  
Industrial organization, applied microeconomics, food marketing

**Yue, Chengyan, Assistant Professor**  
Ph.D., Iowa State University  
Horticultural marketing

### Bioproducts and Biosystems Engineering

In the following list, P.E. designates licensure as a professional engineer in Minnesota, unless otherwise indicated. P.S.S. designates licensure as a professional soil scientist

**Bhattacharya, Mrinal, Professor**  
Ph.D., University of Nebraska  
Biodegradable polymers, biomaterials, tissue engineering, biosensors

**Bratkovich, Stephen M., Associate Adjunct Professor**  
Ph.D., Ohio State University  
Forest product marketing

**Chaplin, Jonathan, P.E., Associate Professor**  
Ph.D., Iowa State University  
Engineering safety, machinery systems design, instrumentation and control, energy systems

**Clanton, Charles, P.E., P.S.S., Professor**  
Ph.D., University of Minnesota  
Agricultural waste management: water, air quality, odor, and storage

**Goodrich, Philip, P.E., Associate Professor**

Ph.D., Purdue University  
Biomass, renewable energy systems, odor control

**Grimsrud, David T., Associate Professor Emeritus**

Ph.D., University of Minnesota  
Indoor air quality and building energy efficiency

**Huelman, Patrick H., Associate Professor**

M.S., Iowa State University  
Thermal and moisture performance of residential buildings, building science, energy-efficient buildings

**Janni, Kevin, P.E., Professor and Extension Engineer**

Ph.D., Purdue University  
Animal housing systems, ventilation, odor control, air quality, biofiltration

**Morey, R. Vance, Professor**

Ph.D., Purdue University  
Biomass densification, biomass for electricity and process heat at ethanol plants, post-harvest technology

**Nieber, John, P.E., Professor**

Ph.D., Cornell University  
Watershed hydrology, biochemistry of watersheds, wetland hydrology, engineering of water resources quality and quantity, flow and transport in geological media and biological systems

**Petersen, Harlan D., Assistant Professor**

M.S., University of Minnesota  
Wood moisture relations, wood drying, bio-based products manufacturing

**Ramaswamy, Shri, Professor and Department Head**

Ph.D., State University of New York  
Bio-based products engineering, integrated biorefining

**Ruan, Roger, Professor**

Ph.D., University of Illinois  
Food engineering, value-added processing, biorefining, renewable energy, MRI and NMR application, non-thermal plasma

**Sarkanen, Simo, Professor**

Ph.D., University of Washington  
Lignin chemistry, biochemistry, lignin biodegradation

**Schilling, Jonathan S., Assistant Professor**

Ph.D., University of Maine  
Biodegradation, bioprocessing, microbial ecology

**Seavey, Robert T., Research Associate and Instructor**

Ph.D., University of Minnesota  
Wood physics, bio-based products manufacturing, building energy performance

**Severtson, Steven J., Associate Professor**

Ph.D., Institute of Paper Science and Technology  
Surface and colloid science and applications to bio-based products manufacturing

**Shutske, John, Professor and Extension Agricultural Safety Specialist**

Ph.D., Purdue University  
Safe design of products and production systems, homeland security risk assessment and communication, worker/public health impacts from technology/demographic change in biological industries

**Smith, Timothy M., Associate Professor**

Ph.D., Pennsylvania State University  
Bio-based products marketing and management, corporate environmental management, sustainable enterprise strategy, integrated marketing, communications and green design

**Suh, Sangwon, Assistant Professor**

Ph.D., Leiden University, Netherlands  
Life cycle analysis

**Tschirner, Ulrike W., Associate Professor**

Ph.D., University of Karlsruhe, Germany  
Lignin chemistry, biomass conservation processes for biofuels and bioproducts, environmentally-friendly pulping and bleaching processes, recycled fiber

**Tze, William Tai Yin, Assistant Professor**

Ph.D., University of Maine  
Bio-based composites, nanocomposites, surface science

**Wang, Ping, Associate Professor**

Ph.D. Tufts University  
Enzyme engineering, nanotechnology, nanostructured biocatalysis for biofuels and bioproducts

**Wilson, Bruce, P.E. (Oklahoma), Professor**

Ph.D., University of Kentucky  
Hydrologic/water quality modeling, transport of surface water contaminants

**Entomology****Andow, David A., Professor**

Ph.D., Cornell University  
Insect ecology, evolution, conservation biology

**Fallon, Ann M., Professor**

Ph.D., Queen's University  
Molecular biology of insects, mosquito cell culture and reproduction

**Ferrington, Leonard C., Professor**

Ph.D., University of Pittsburgh  
Aquatic entomology

**Heimpel, George E., Associate Professor**

Ph.D., University of California  
Biological control, behavioral and evolutionary ecology

**§ Holzenthal, Ralph W., Professor**

Ph.D., Clemson University  
Systematics, cladistics, Trichoptera

**Krischik, Vera A., Associate Professor**

Ph.D., University of Maryland  
Integrated pest management, ornamentals, plant resistance, biological control

**Kurtti, Timothy J., Professor**

Ph.D., University of Minnesota  
Insect microbiology and physiology

**Mesce, Karen A., Professor**

Ph.D., University of Oregon  
Neurobiology, behavior and neurohormones in arthropods and annelids

**Moon, Roger D., Professor**

Ph.D., University of California, Davis  
Veterinary entomology, biological control, sampling

**Ragsdale, David W., Professor**

Ph.D., Louisiana State University  
Integrated pest management and biological control of insects

**§ Spivak, Marla S., Professor**

Ph.D., University of Kansas  
Apiculture and social insects

**Weller, Susan J., Associate Professor**

Ph.D., University of Texas  
Systematics of lepidoptera using molecular and morphological approaches

**Fisheries, Wildlife, and Conservation Biology****Adelman, Ira R., Professor**

Ph.D., University of Minnesota  
Fisheries management, physiology, aquaculture

**Andersen, David E., Professor**

Ph.D., University of Wisconsin, Madison  
Avian ecology and conservation

**§ Arnold, Todd W., Associate Professor**

Ph.D., University of Western Ontario  
Ecology and management of prairie ducks, population modeling

**Blair, Robert B., Associate Professor**

Ph.D., Stanford University  
Peri-urban wildlife, avian conservation, land use, habitat fragmentation, environmental education

**Cohen, Yosef, Professor**

Ph.D., University of California, Berkeley  
Populations, mathematical ecology, ecosystem conservation

**§ Cuthbert, Francesca J., Professor**

Ph.D., University of Minnesota  
Conservation and biology of birds, endangered species conservation

**Gutierrez, R. J., Professor**

Ph.D., University of California, Berkeley  
Game bird ecology, endangered species conservation, habitat ecology, sustainable wildlife management strategies

**Kapuscinski, Anne R., Professor**

Ph.D., Oregon State University  
Fisheries genetics, aquatic biotechnology assessment

**Kozak, Kenneth H., Assistant Professor**

Ph.D., Washington University  
Phylogeography, molecular ecology, historical biogeography of amphibians and reptiles

**\*§ Nelson, Kristen C., Associate Professor**

Ph.D., University of Michigan  
Human dimensions of natural resources, environmental management

**§ Newman, Raymond M., Professor**

Ph.D., University of Minnesota  
Aquatic ecology and fisheries management

**Oberhauser, Karen S., Assistant Professor**

Invertebrate conservation and ecology with particular interest in monarch butterflies, citizen science, ecological monitoring

**\*§ Perry, James, Professor**

Ph.D., Idaho State University  
Water quality, applied aquatic ecology, environmental management

**Simons, Andrew M., Associate Professor**

Ph.D., University of Alabama, Tuscaloosa  
North American freshwater fish systematics

**Smith, James L. D., Professor**

Ph.D., University of Minnesota  
Biology and conservation of Asian mammals

**Sorensen, Peter W., Professor**

Ph.D., University of Rhode Island  
Fish behavior, physiology and chemoreception

**§ Spangler, George R., Professor**

Ph.D., University of Toronto  
Population dynamics of fish, native American resource management

**Food Science and Nutrition****Brady, Linda J., Professor**

Ph.D., Michigan State University  
Culture and health and cross-cultural engagement, role of culture in teaching and learning

**Bunzel, Mirko, Associate Professor and General Mills Endowed Land Grant Chair in Cereal Chemistry and Technology**

Ph.D., University of Hamburg, Germany  
Dietary fiber chemistry, phytochemicals

**Chen, Xiaoli, Assistant Professor and General Mills Chair in Genomics for Healthful Foods**

Ph.D., University of Georgia  
Molecular nutrition, nutrigenomics, obesity, diabetes

**Csallany, A. Saari, Professor**

D.Sc., University of Technical Science, Budapest, Hungary  
Lipid chemistry, nutritional biochemistry, free radicals, oxidative degradation

**Diez-Gonzalez, Francisco, Associate Professor**

Ph.D., Cornell University  
Food safety, food-borne pathogens and bacterial detection methods

**Earthman, Carrie P., Assistant Professor**

Ph.D., University of Arizona  
Clinical nutrition, medical nutrition therapy, energy metabolism and body composition

**Feirtag, Joellen M., Associate Professor**

Ph.D., University of Minnesota  
Food safety education/HACCP, rapid assays detection development, prebiotic/probiotic physiology

**§ Gallaher, Daniel D., Professor**

Ph.D., University of California, Davis  
Dietary influences (whole grains, cruciferous vegetables, and fats) and colon cancer relationships, whole grains and diabetes

**Hassel, Craig A., Associate Professor**

Ph.D., University of Arizona  
Cross cultural engagement with underserved audiences whose knowledge of food and health does not correspond to scientific understanding

**Ismail, Baraem (Pam), Assistant Professor**

Ph.D., Oxford Brookes University, England  
Protein and enzyme chemistry, phytochemicals, soy isoflavones

**§ Kurzer, Mindy S., Professor**

Ph.D., University of California, Berkeley  
Dietary regulation of sex hormones, plant estrogen (phytoestrogen) exposure and effects, diet and cancer

**\*§ Labuza, Theodore P. Professor**

Ph.D., Massachusetts Institute of Technology  
Physical chemistry of foods as related to water activity, glass transition and stability, shelf life prediction models, kinetics of food deterioration

**Marquart, Leonard F., Assistant Professor**

Ph.D., University of North Carolina  
Whole grains and health, consumer understanding and factors influencing dietary intake of whole grain foods

**Mashek, Douglas G., Assistant Professor**

Ph.D., University of Wisconsin, Madison  
Fatty acid metabolism

**O'Sullivan, Daniel J., Associate Professor**

Ph.D., University College Cork, Ireland  
Molecular fingerprinting and genetic characterization of lactic acid bacteria, expression and regulation of bacteriophage resistance

## Faculty and Administration

**Peterson, Sabrina**, Assistant Professor  
Ph.D., University of Washington  
Food and cancer, particularly related to cruciferous and apiaceous (carrot family) plants

**Reicks, Marla M.**, Professor  
Ph.D., Iowa State University  
Nutrition education and programming for limited resource audiences, application of behavior change theory to improve eating patterns

**Reineccius, Gary A.**, Professor  
Ph.D., Pennsylvania State University  
Food chemistry and food flavors, including analytical instrumentation and processing variables

**§ Slavin, Joanne L.**, Professor  
Ph.D., University of Wisconsin  
Human feeding studies, including dietary fiber, carbohydrates, and whole grains; measurement of biological markers relevant to disease prevention; nutrition and exercise; diet and cancer

**Smith, Chery F.**, Associate Professor  
Ph.D., Indiana University  
Domestic and international community nutrition, population biology issues

**§ Smith, David E.**, Professor  
Ph.D., University of Wisconsin  
Dairy and food technology, effects of new technology/ingredients on dairy products

**Splett, Patricia L.**, Lecturer  
Ph.D., University of Minnesota  
Nutrition education, program evaluation and outcomes

**Vickers, Zata M.**, Professor  
Ph.D., Cornell University  
Food pleasantness and acceptability, factors influencing judgments of food acceptability, sensory specific satiety, odor mixture perception

### Forest Resources

**§ Anderson, Dorothy H.**, Professor  
Ph.D., Colorado State University  
Recreation resources management and policy analysis

**Anderson, William H.**, Adjunct Faculty  
Ph.D., University of Michigan  
Remote sensing

**Ascerno, Mark E., Jr.**, Adjunct Faculty  
Ph.D., Pennsylvania State University  
Forest entomology: forest and urban plant pest control

**Bauer, Marvin E.**, Professor  
Ph.D., University of Illinois  
Remote sensing of soils, crops, and forests

**Baughman, Melvin J.**, Professor and Assistant Dean  
Ph.D., University of Minnesota  
Policy, taxation, economics, and management

**Becker, Dennis R.**, Assistant Professor  
Ph.D., University of Idaho  
Natural resources policy

**Befort, William A.**, Adjunct Faculty  
Ph.D., University of Idaho  
Remote sensing

**Bengston, David N.**, Adjunct Faculty  
Ph.D., University of Minnesota  
Economics, technical change, research planning, evaluation

**Blanchette, Robert A.**, Adjunct Faculty  
Ph.D., Washington State University  
Forest pathology: forest and shade tree diseases

**Blinn, Charles R.**, Professor  
Ph.D., Virginia Polytechnic Institute and State University  
Management, economics, marketing, harvesting

**Bolstad, Paul V.**, Professor  
Ph.D., University of Wisconsin  
Geographic information systems and forest ecology

**Brooks, Kenneth N.**, Professor  
Ph.D., University of Arizona  
Forest hydrology, modeling impacts of land use on water resources

**Burk, Thomas E.**, Professor  
Ph.D., University of Minnesota  
Biometrics: forest growth modeling and experimental design

**Carlson, Stephan P.**, Professor  
Ph.D., Michigan State University  
Youth development, park and recreation resources

**Current, Dean A.**, Research Associate  
Ph.D., University of Minnesota  
Resource analysis, international forestry

**D'Amato, Anthony W.**, Assistant Professor  
Ph.D., University of Massachusetts  
Silviculture

**David, Andrew J.**, Associate Professor  
Ph.D., Michigan State University  
Forest genetics

**Ek, Alan R.**, Professor and Department Head  
Ph.D., Oregon State University  
Resource survey design, modeling forest dynamics, research planning

**Enzler, Sherry A.**, Research Fellow  
J.D., William Mitchell College of Law  
Environment and natural resource law

**Frellich, Lee E.**, Research Associate  
Ph.D., University of Wisconsin  
Forest ecology

**Gustafson, Kent E.**, Professor  
M.A., University of Minnesota  
Tourism

**Hoganson, Howard M.**, Associate Professor  
Ph.D., University of Minnesota  
Management and economics: timber supply and harvest scheduling

**Jakes, Pamela**, Adjunct Faculty  
Ph.D., University of Minnesota  
Forest economics

**Johnson, Gary R.**, Professor  
M.S., Western Illinois University  
Urban and community forestry

**Kilgore, Michael A.**, Associate Professor  
Ph.D., University of Minnesota  
Natural resources economics

**Knight, Joseph F.**, Assistant Professor  
Ph.D., North Carolina State University  
Remote sensing, environmental resource analysis

**Kolka, Randy K.**, Adjunct Faculty  
Ph.D., University of Minnesota  
Forest hydrology, soils

**Messer, Cynthia**, Extension Professor  
M.A., George Washington University  
Tourism development, travel

**Montgomery, Rebecca A.**, Assistant Professor  
Ph.D., University of Connecticut  
Forest ecology, ecophysiology, tropical ecology

**\* Nelson, Kristen C.**, Associate Professor  
Ph.D., University of Michigan  
Human dimensions of natural resources and environmental management

**Oleksyn, Jacek**, Research Associate  
Ph.D., Silesian University, Poland  
Ecophysiology, tree biology

**Pitt, David G.**, Adjunct Faculty  
Ph.D., University of Arizona  
Scenic resource management

**Polasky, Stephen**, Adjunct Faculty  
Ph.D., University of Michigan  
Ecological/environmental economics

**Reich, Peter B.**, Regents Professor and F.B. Hubachek Senior Chair in Forestry  
Ph.D., Cornell University  
Forest ecology, ecophysiology

**Schneider, Ingrid E.**, Associate Professor  
Ph.D., Clemson University  
Recreation resource management

**Severs, Ronald A.**, Adjunct Faculty  
M.S., University of Minnesota  
Forest management

**Smith, James L. David**, Adjunct Faculty  
Ph.D., University of Minnesota  
Conservation biology

**Splett, Philip J.**, Instructor Emeritus  
M.S., University of Minnesota  
Plant taxonomy

**Stafford, Susan G.**, Professor  
Ph.D., SUNY College of Environmental Science and Forestry  
Applied statistics

**Taff, Steven J.**, Adjunct Faculty  
Ph.D., University of Wisconsin, Madison  
Natural resource economics and policy

**Thompson, Jerrilyn L.**, Adjunct Faculty  
M.S., University of Minnesota  
Recreation resources management

**Vogt, Carl E.**, Instructor  
B.S., University of Minnesota  
Conservation education, hardwood management, specialty crops

### Horticultural Science

**Anderson, Neil O.**, Associate Professor  
Ph.D., University of Minnesota  
Floriculture breeding and genetics

**Cline, Van W.**, Adjunct Associate Professor  
Ph.D., University of Minnesota  
Turfgrass science

**Cohen, Jerry D.**, Professor and Bailey Chair in Environmental Horticulture  
Ph.D., Michigan State University  
Plant biochemistry, cellular and molecular biology

**Erwin, John E.**, Professor  
Ph.D., Michigan State University  
Floriculture

**§ Galatowitsch, Susan M.**, Professor  
Ph.D., Iowa State University  
Landscape ecology

**Gardner, Gary M.**, Professor  
Ph.D., Harvard University  
Growth regulation, plant hormones, photomorphogenesis

**Gillman, Jeffrey H.**, Associate Professor  
Ph.D., University of Georgia  
Nursery management

**Hegeman, Adrian**, Assistant Professor  
Ph.D., University of Wisconsin  
Systems biology, biotechnology

**Hokanson, Stan C.**, Associate Professor  
Ph.D., Michigan State University  
Woody landscape plant breeding, stress physiology

**\* Hoover, Emily E.**, Professor and Director of Educational Programs, Minnesota Landscape Arboretum  
Ph.D., University of Minnesota  
Fruit science

**Horgan, Brian**, Associate Professor  
Ph.D., University of Illinois  
Turf

**Luby, James J.**, Professor  
Ph.D., University of Minnesota  
Fruit breeding and genetics

**Markhart, Albert H.**, Professor  
Ph.D., Duke University  
Environmental physiology

**Meyer, Mary Hockenberry**, Professor  
Ph.D., University of Minnesota  
Environmental horticulture

**Michaels, Thomas E.**, Professor and Department Head  
Ph.D. University of Wisconsin  
Plant breeding, plant genetics

**Olin, Peter J.**, Professor and Director, Minnesota Landscape Arboretum  
M.L.A., University of Massachusetts  
Landscape architecture, planting design, public garden management

**Smith, Alan G.**, Associate Professor  
Ph.D., University of Florida  
Molecular biology of plant development

**Thill, Christian A.**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Potato breeding and genetics

**Tong, Cindy B. S.**, Associate Professor  
Ph.D., University of California  
Postharvest physiology

**Watkins, Eric**, Assistant Professor  
Ph.D., Rutgers University  
Turfgrass breeding

**Yue, Chengyan**, Assistant Professor and Bachman Chair of Horticultural Marketing  
Ph.D., Iowa State University  
Horticulture marketing

### Plant Pathology

**Blanchette, Robert A.**, Professor  
Ph.D., Washington State University  
Forest pathology, deterioration of wood products

**Bradeen, James**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Potato diseases

**Dill-Macky, Ruth**, Associate Professor  
Ph.D., University of Queensland  
Small grains pathology

**Herzfeld, Dean E.**, Associate Professor and Extension Educator  
M.S., University of Minnesota  
Chemical control, pesticide application training

**Hoffmeister, Dirk**, Assistant Professor  
Ph.D., University of Freiburg, Germany  
Genetics, biochemistry, and ecological relevance of fungal secondary metabolism

**Kinkel, Linda L.**, Professor  
Ph.D., University of Wisconsin, Madison  
Epidemiology and microbial ecology

**Krupa, Sagar V.**, Professor  
Ph.D., Uppsala University  
Effects of air pollutants and global climate change on plants

**Kurle, James E.**, Associate Professor  
Ph.D., University of Minnesota  
Fungal diseases of plants

**MacDonald, David H.**, Professor  
Ph.D., Cornell University  
Plant parasitic nematodes

**Percich, James A., Professor**  
Ph.D., Michigan State University  
Plant disease management: wild rice and vegetables

**Steffenson, Brian, Professor**  
Ph.D., University of California, Davis  
Cereal disease research

**Young, Nevin Dale, Professor**  
Ph.D., Yale University  
Molecular genetics of plant disease resistance

**Zeyen, Richard J., Professor**  
Ph.D., University of Minnesota  
Physiological and molecular control of disease resistance

## Soil, Water, and Climate

**Allan, Deborah L., Professor**  
Ph.D., University of California, Riverside  
Soil organic matter, soil quality, roots and rhizosphere processes

\***§ Bell, James C., Professor**  
Ph.D., Pennsylvania State University  
Soil classification/survey, landscape analysis, soil morphology/genesis

**Bloom, Paul R., Professor**  
Ph.D., Cornell University  
Soil chemistry, environmental chemistry

\***Cooper, Terence H., Professor**  
Ph.D., Michigan State University  
Soil classification, soil morphology, environmental education

**Graham, Peter H., Professor**  
Ph.D., University of West Australia  
Soil biology/microbiology, microbial ecology

**Griffis, Timothy J., Associate Professor**  
Ph.D., McMaster University, Canada  
Land-atmosphere interactions via flux measurements and stable isotope techniques, atmospheric science/biometeorology

**Gupta, Satish Chander, Professor**  
Ph.D., Utah State University  
Soil physics and landscape hydrology, contaminant transport and water quality, antibiotics in the environment, soil structure and unsaturated soil mechanics, waste and manure management

**Halbach, Thomas R., Professor**  
M.S., University of Wisconsin, Madison  
Waste management, remediation and water quality

**King, Jennifer, Assistant Professor**  
Ph.D., University of California, Irvine  
Biogeochemistry, biosphere-atmosphere interactions, carbon cycling, earth system science

**Knight, Joseph, Assistant Professor**  
Ph.D., North Carolina State  
Geospatial information technologies

**Lamb, John A., Professor**  
Ph.D., University of Nebraska, Lincoln  
Agricultural production management systems, soil properties, soil fertility/management

**Mulla, David J., Professor and Endowed Chair for Soil and Water Resources**  
Ph.D., Purdue University  
Water quality, soil physics, watershed management, precision agriculture

**§ Nater, Edward A., Professor and Department Head**  
Ph.D., University of California, Davis  
Soil genesis/clay mineralogy

**Powers, Jennifer S., Assistant Professor**  
Ph.D., Duke University  
Terrestrial biogeochemistry, ecosystem processes, microbial ecology, tropical ecology, landscape ecology

**Rosen, Carl J., Professor**  
Ph.D., University of California  
Soil fertility/plant nutrition, horticultural crops

**Sadowsky, Michael J., Professor**  
Ph.D., University of Hawaii, Manoa  
Environmental microbiology, water quality, biodegradation, nitrogen fixation, molecular biology

**Zanner, C. William, Assistant Professor**  
Ph.D., University of Minnesota  
Soil genesis, forest soils, soils geomorphology

# College of Liberal Arts Administration

**James A. Parente, Jr., Interim Dean**

**Arlene A. Teraoka, Associate Dean for Undergraduate Programs**

**Jo-Ida C. Hansen, Associate Dean for Graduate Programs**

**Mark Pharis, Associate Dean for Space Planning**

**Philip O'Brien, Chief Financial Officer**

**Chris Kearns, Assistant Dean of Student Services**

**Victor Collins, Director of the Martin Luther King, Jr. Program**

**Carl Brandt, Director of the Career and Community Learning Center**

**Mary Hicks, Director of External Relations**

**Sue Banovetz, Director of Media and Public Relations**

**Francine Morgan, Director of Human Resources**

## Faculty

### African American and African Studies

**Atkins, Keletso, Associate Professor**  
Ph.D., University of Wisconsin, Madison  
South African history and diasporic studies

**Barner Pearl, II, Lecturer**  
Ph.D., University of Minnesota  
Social and behavioral sciences

\***Brewer, Rose, Associate Professor**  
Ph.D., Indiana University  
Sociology

**Coifman, Victoria, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
African history

**Farah, Caesar, Professor**  
Ph.D., Princeton University  
Arabic and Islamic studies

**Fletcher, Pamela, Visiting Assistant Professor**  
M.A., University of Minnesota  
Creative writing

**Foreman, Gayle, Instructor**  
Ph.D., Minnesota Graduate School of Theology  
Socialization and black racial identity development of the African American child

**Githire, Njeri, Assistant Professor**  
Ph.D., The Pennsylvania State University  
Comparative literature

**Khalek, Hisham, Teaching Specialist**  
M.A., University of Minnesota  
Arabic language and culture

**Mayes, Keith, Assistant Professor**  
Ph.D., Princeton University  
African American history, social and behavioral sciences, and public policy

**Mohammed, Sidow, Visiting Assistant Professor**  
Ph.D., Omdurman Islamic University, Sudan  
Arabic language

**Muaka, Angaluki, Teaching Specialist**  
M.A., University of California, Los Angeles  
African languages (Swahili) and African diasporic studies

**Onishi, Yuichiro, Assistant Professor**  
Ph.D., University of Minnesota  
Race studies and African American history

**Pate, Alexis, Assistant Professor**  
B.A., Temple University  
African American literature, art, and history

**Pike, Charles Ben, Assistant Professor Emeritus**  
Ph.D., University of Wisconsin, Madison  
African language and literature

**Williams, Yolanda, Teaching Specialist**  
M.A., University of Minnesota  
African American music

**Wright, John, Professor**  
Ph.D., University of Minnesota  
African American literature, art, and history; African and diasporic studies

### American Indian Studies

**Albers, Patricia, Professor**  
Ph.D., University of Wisconsin  
Anthropology, ethnohistory

**Child, Brenda, Associate Professor**  
Ph.D., Iowa State University  
History, American Indian boarding schools, multiculturalism

\***Miller, Carol, Associate Professor**  
Ph.D., University of Oklahoma  
American Indian women's narratives, intercultural studies, American literatures

**Nichols, John, Professor**  
Ph.D., Harvard University  
American Indian language planning, oral literature and folklore, ethno history and traditional arts, anthropological linguistics, indigenous languages of North America

**O'Brien-Kehoe, Jean, Associate Professor**  
Ph.D., University of Chicago  
Indians of the Northeast, U.S. colonial history

**Wilkins, David, Professor**  
Ph.D., University of North Carolina at Chapel Hill  
American Indian sovereignty, tribal government, comparative politics

### American Studies

**Castellanos, Bianet, Assistant Professor**  
Ph.D., University of Michigan  
Indigenous communities and cultures, migration, colonialization, Chicano/a studies, Latin America, global capitalism

**§ Child, Brenda, Associate Professor**  
Ph.D., Iowa State University  
American Indian history, history of Indian education, Great Lakes Indian communities

**Fajardo, Kale Bantigue, Assistant Professor**  
Ph.D., University of California, Santa Cruz

Globalization and Filipino/a diaspora, Filipino/a migration and immigration to the Americas, maritime cultures and history, Philippine nationalisms, colonialism

**Ferguson, Roderick, Associate Professor**  
Ph.D., University of California, San Diego  
Social theory, race, sexuality, gender

**Karjane, David, Visiting Assistant Professor**  
Ph.D., University of Michigan  
Political economy, international labor migration, health inequalities, critical theory

**Keaton, Tricia, Assistant Professor**  
Ph.D., University of California, Berkeley  
African and African American migration; "Black Paris;" "Black Europe;" comparative and international theories of "Role;" identity, educational, and migration politics; urban ethnography

**§ May, Elaine Tyler, Regents Professor**  
Ph.D., University of California, Los Angeles  
History, women and family

\***May, Lary, Professor**  
Ph.D., University of California, Los Angeles  
Post-World War II American history, popular culture

\***§ Miller, Carol, Associate Professor**  
Ph.D., University of Oklahoma  
American literatures, American Indian women's narratives, intercultural studies

\***Noble, David, Professor**  
Ph.D., University of Wisconsin, Madison  
History, literature and language, philosophy and religion

**Pierce, Jennifer, Associate Professor**  
Ph.D., University of California, Berkeley  
Gender, contemporary labor studies

**§ Prell, Riv-Ellen, Professor**  
Ph.D., University of Chicago  
Anthropology of American Jews and Judaism, ethnicity and gender

**Yates, Gayle Graham, Professor Emeritus**  
Ph.D., University of Minnesota  
American women's literature and cultures of the 20th century, contemporary American religions

### Anthropology

**Beeman, William O., Professor**  
Ph.D., University of Chicago  
Linguistic anthropology, sociolinguistics, discourse, ethnicity, gender, peasant and tribal societies, performance traditions, mass media, computers and society, economic systems, theater, music

**Dunnigan, Timothy, Associate Professor Emeritus**  
Ph.D., University of Arizona  
Semantic anthropology, linguistic acculturation, Middle America, North America

**Gerlach, Luther, Professor Emeritus**  
Ph.D., University of London  
Natural resources, social movements, political ecology, Africa, United States

**Gibbon, Guy, Professor**  
Ph.D., University of Wisconsin, Madison  
North American archaeology, history and theory of archaeology, Midwest



## Faculty and Administration

**Gudeman, Stephen, Professor**  
Ph.D., University of Cambridge, England  
Social, structural, economic anthropology;  
Latin America

**Ho, Karen, Assistant Professor**  
Ph.D., Princeton University  
Cultural studies of late capitalism,  
globalization, anthropology of finance,  
comparative race/ethnicity, United States

**Ingham, John M., Professor**  
Ph.D., University of California, Berkeley  
Culture and personality, symbolic  
anthropology, Middle America

**Langford, Jean, Associate Professor**  
Ph.D., University of Washington  
Cultural anthropology, medical  
anthropology, postcolonial theory, politics  
of representation

**Lipset, David M., Professor**  
Ph.D., University of California, San  
Diego  
Social and political anthropology, history  
of anthropology; Melanesia

**McLean, Stuart, Assistant Professor**  
Ph.D., Columbia University  
Social and cultural theory, anthropology  
of modernity, historical anthropology,  
anthropology of landscape, Ireland,  
European Union

**McNulty, Kieran P., Assistant Professor**  
Ph.D., City University of New York  
Paleoanthropology, primate and  
human evolution, ontogeny, geometric  
morphometrics, evolutionary theory

**Miller, Frank, Professor Emeritus**  
Ph.D., Harvard University  
Change, development strategies, applied  
anthropology, Middle America, North  
America

**\*§ Penn, Mischa, Associate Professor**  
Emeritus  
B.A., University of Minnesota  
Philosophical anthropology, culture  
theory, methodology, history of  
anthropology

**Raheja, Gloria Goodwin, Professor**  
Ph.D., University of Chicago  
Social, cultural anthropology; gender,  
caste; language; colonial discourses; India

**Song, Hoon, Assistant Professor**  
Ph.D., University of Chicago  
Biopolitics, convergence, cyberculture,  
capitalism, modernity, critical theory,  
psychoanalysis, United States, South  
Korea

**Tappen, Martha, Associate Professor**  
Ph.D., Harvard University  
Paleoanthropology, paleoenvironments,  
taphonomy and faunal analysis,  
ethnoarchaeology

**Taussig, Karen-Sue, Associate Professor**  
Ph.D., Johns Hopkins University  
Social-cultural anthropology, science and  
technology (genetics, biotechnologies),  
medical anthropology, Europe, United  
States

**Tostevin, Gilbert, Associate Professor**  
Ph.D., Harvard University  
Paleolithic archaeology, paleoanthropology,  
prehistoric technology, Old World  
prehistory, material-culture studies,  
culture-contact studies

**Valentine, David, Assistant Professor**  
Cultural/linguistic anthropology, gender  
and sexuality, embodiment, transgenderism;  
urban United States

**Wells, Peter S., Professor**  
Ph.D., Harvard University  
Culture contact, economic behavior, signs  
and symbols, prehistoric and medieval  
Europe

**Wilson, Michael L., Assistant Professor**  
Ph.D., Harvard University  
Primate behavior and ecology, chimpanzees,  
territorial behavior, aggression,  
communication, conservation

### Art

**Baeumler, Christine, Assistant Professor**  
M.F.A., Indiana University  
Drawing, painting

**Baldwin, Guy, Associate Professor Emeritus**  
M.F.A., University of Wisconsin  
Sculpture

**Bethke, Karl, Professor Emeritus**  
M.F.A., University of Minnesota  
Printmaking

**Cowette, Thomas, Associate Professor Emeritus**  
B.F.A., Minneapolis College of Art and  
Design  
Drawing, painting

**Estep, Jan, Associate Professor**  
M.F.A., University of Illinois; Ph.D.,  
Washington University  
Photography

**Feinberg, David, Associate Professor**  
M.F.A., Cranbrook Academy of Art  
Drawing, painting

**Gray, Lynn, Associate Professor**  
M.F.A., University of Oklahoma  
Drawing, painting

**Hallman, Gary, Associate Professor**  
M.F.A., University of Minnesota  
Photography

**Henkel, James, Associate Professor**  
M.F.A., Florida State University  
Photography

**Hoard, Curtis, Professor**  
M.F.A., University of Wisconsin  
Ceramics

**Katsiaficas, Mary Diane, Professor**  
M.F.A., University of Washington, Seattle  
Drawing, painting

**Krepps, Jerald, Associate Professor**  
M.F.A., Indiana University  
Printmaking

**Kuhr, Alexis, Associate Professor**  
M.F.A., Stanford University  
Drawing, painting

**Lane, Thomas, Associate Professor**  
M.F.A., Pennsylvania State University  
Ceramics

**Lukkas, Lynn, Associate Professor**  
M.F.A., Rhode Island School of Design  
Time and interactivity

**§ Lyon, Joyce, Associate Professor**  
M.F.A., University of Minnesota  
Drawing, painting

**Momeni, Ali, Assistant Professor**  
Ph.D., University of California, Berkeley  
Music composition

**Morgan, Clarence, Professor**  
M.F.A., University of Pennsylvania  
Drawing, painting

**Pharis, Mark, Professor**  
University of Minnesota  
Ceramics

**Potratz, Wayne, Professor**  
M.A., University of California, Berkeley  
Sculpture

**Rose, Thomas, Professor**  
M.A., University of California, Berkeley  
Sculpture

**Schmid, Jenny, Assistant Professor**  
M.F.A., University of Michigan  
Printmaking

**Stanislav, Andrea, Assistant Professor**  
M.F.A., Alfred University  
Sculpture

**Willow, Diane, Assistant Professor**  
M.S., Massachusetts Institute of Technology,  
Center for Advanced Visual Studies  
Time and interactivity

**Yamada, Tetsuya, Assistant Professor**  
M.F.A., Alfred University  
Ceramics

### Art History

**Asher, Catherine, Associate Professor**  
Ph.D., University of Minnesota  
Islamic and South Asian art and culture

**Asher, Frederick, Professor**  
Ph.D., University of Chicago  
South Asian sculpture and architecture

**Blocker, Jane, Associate Professor**  
Ph.D., University of North Carolina at  
Chapel Hill  
Contemporary art and theory

**\* Cooper, Frederick, Professor**  
Ph.D., University of Pennsylvania  
Greek art and architecture

**Gaudio, Michael, Assistant Professor**  
Ph.D., Stanford University  
Early modern and trans-atlantic art

**Marling, Karal Ann, Professor**  
Ph.D., Bryn Mawr College  
American art and popular culture

**McNally, Sheila, Professor**  
Ph.D., Harvard University  
Greek and Roman art and archaeology

**Ostrow, Steven, Professor and Chair**  
Ph.D., Princeton University  
Early modern European art

**Poor, Robert, Professor**  
Ph.D., University of Chicago  
East Asian art

**Silberman, Robert, Associate Professor**  
Ph.D., Columbia University  
Film studies, history of photography,  
20th-century American art

**Steyaert, John, Associate Professor**  
Ph.D., University of Michigan  
Northern European art, 14th–16th  
centuries; late Gothic sculpture

**Stoughton, Michael, Associate Professor Emeritus**  
Ph.D., University of Michigan  
European painting, sculpture, and  
architecture, 17th–18th centuries

**Weisberg, Gabriel, Professor**  
Ph.D., Johns Hopkins University  
19th- and early 20th-century art, decorative  
arts, graphic arts

### Asian Languages and Literatures

**Allen, Joseph, Professor**  
Ph.D., University of Washington  
China, Chinese poetry and poetics, ethnic  
tension, ethnicity in Asia, Taipei City

**Anderson, Mark, Assistant Professor**  
Ph.D., Cornell University  
Japanese literature, film studies, gender,  
postcolonialism, science and  
technology, Marxism

**Isaka, Maki, Associate Professor**  
Ph.D., University of Pennsylvania  
Japanese literature and theater, women's  
studies and gender studies

**Marran, Christine L., Associate Professor**  
Ph.D., University of Washington  
Japanese literature and cultural  
studies, early Meiji writing, gender and  
representation in Japanese fiction, Asian  
film, Japanese popular culture from the  
1870s to the present

**McGrath, Jason, Assistant Professor**  
Ph.D., University of Chicago  
Chinese literature and culture; Chinese  
and international cinemas; realism in  
fiction, film, and theory; Marxism; modernism  
and postmodernism; globalization and  
popular culture

**Molasky, Michael, Associate Professor**  
Ph.D., University of Chicago  
Modern Japanese literature, U.S. occupation  
era, Okinawa, race, gender, jazz

**Rouzer, Paul, Associate Professor**  
Ph.D., Harvard University  
Poetics and poetry of China and Japan,  
Buddhism, traditions of the supernatural  
in East Asia, medieval Chinese poetry

**Sahota, Guriqbal (Bali), Assistant Professor**  
Ph.D., University of Chicago  
Modern Indian intellectual history,  
romanticism and orientalism, religion  
after Imperialism, theories of modernity,  
historical materialism

**Sawhney, Simona, Associate Professor**  
Ph.D., University of California, Irvine  
South Asian literature, Sanskrit literature,  
postcolonial literature, critical and literary  
theory

### Chicano Studies

**Castellanos, Bianet, Assistant Professor**  
Ph.D., University of Michigan  
Indigenous cultures of the Americas;  
Chicano/a and Latino/a studies; anthropology  
of gender, work, migration,  
consumption, and transnationalism

**Garcia, Cindy, Assistant Professor**  
Ph.D., University of California, Los Angeles  
Dance studies, Latino/a American culture  
and performance, gender

**Martinez, Richard, Assistant Professor**  
Ph.D., University of California, Los Angeles  
Urban planning, sociology, Chicano and  
Latino studies

**Mendoza, Louis, Associate Professor**  
Ph.D., University of Texas, Austin  
Chicano/a literary and cultural studies,  
U.S. ethnic studies, prison literature, U.S.  
immigration literature, language and  
identity, gender studies

**Torres, Eden, Associate Professor**  
Ph.D., University of Minnesota  
Women's studies, Chicano literature,  
migrant issues, Chicana feminist studies

### Classical and Near Eastern Studies

**Belfiore, Elizabeth, Professor**  
Ph.D., University of California, Los Angeles  
Greek literature, Greek tragedy,  
philosophy

**Berlin, Andrea, Professor**  
Ph.D., University of Michigan  
Greek, Roman, and Near Eastern  
archaeology; ancient ceramics

**Cole, Spencer, Assistant Professor**  
Ph.D., Columbia University  
Latin prose and Roman culture

\* **Cooper, Frederick**, Professor (Art History)  
Ph.D., University of Pennsylvania  
Greek, Roman art and archaeology, architecture, folklore

**Jassen, Alex**, Assistant Professor  
Ph.D., New York University  
Early Judaism

**Krevans, Nita**, Associate Professor  
Ph.D., Princeton University  
Hellenistic and Roman literature

**Levinson, Bernard**, Associate Professor and Berman Family Chair in Jewish Studies and Hebrew Bible  
Ph.D., Brandeis University  
Bible, ancient Near Eastern law

**McNally, Sheila**, Professor (Art History)  
Ph.D., Harvard University  
Greek and Roman art and archaeology

**Nappa, Christopher**, Associate Professor  
Ph.D., University of Virginia  
Latin literature, Augustan Rome

§ **Nicholson, Oliver**, Associate Professor  
D.Phil., Oxford University  
Late antiquity, later Latin, church history, Byzantium

**Olson, S. Douglas**, Professor  
Ph.D., Bryn Mawr College  
Greek poetry

**Roetzel, Calvin**, Sundet Professor of New Testament and Christian Studies  
Ph.D., Duke University  
Paul, New Testament

**Schneller, Renana S.**, Education Specialist and Hebrew Language Coordinator  
A.B.D., Erlangen-Nuremberg University  
Modern Hebrew language and literature, biblical Hebrew, Arabic

**Sellew, Philip**, Associate Professor  
Th.D., Harvard University  
New Testament, early church, Greco-Roman religions, Coptic

**Sheets, George**, Associate Professor  
Ph.D., Duke University  
Roman literature, historical linguistics, legal theory

**Smith, Stephen C.**, Education Specialist and Latin Language Coordinator  
Ph.D., University of Virginia  
Latin language, language pedagogy, Augustan Latin literature

**von Dassow, Eva**, Associate Professor  
Ph.D., New York University  
Bible and ancient Near East

## Communications Studies

**Albert, Rosita**, Associate Professor  
Ph.D., University of Michigan  
Intercultural communication, international relations, cross-cultural methods, health communication

**Bormann, Ernest G.**, Professor Emeritus  
Ph.D., University of Iowa  
Rhetorical theory, American public address, small group communication

**Browne, Donald**, Professor  
Ph.D., University of Michigan  
Comparative international media, media and minorities, historical research methodology

**Campbell, Karlyn Kohrs**, Professor  
Ph.D., University of Minnesota  
Rhetorical theory/criticism, women in communication, presidential rhetoric

**Greene, Ronald W.**, Associate Professor  
Ph.D., University of Illinois  
Rhetorical studies, cultural studies/policy, citizenship, philosophy of communication

**Hewes, Dean**, Professor  
Ph.D., Florida State University  
Communication theory, small group and organization decision-making

**Jensen, J. Vernon**, Professor Emeritus  
Ph.D., University of Minnesota  
British public address, argumentation, ethics, rhetoric in Asia

**Jones, Susanne**, Associate Professor  
Ph.D., Arizona State University  
Interpersonal communication, communication of emotions, communication of social support and comforting

**Koerner, Ascan**, Associate Professor  
Ph.D., University of Wisconsin  
Cognitive processes in interpersonal communication, marital and family communication, persuasion

**Ouellette, Laurie**, Associate Professor  
Ph.D., University of Massachusetts  
Media theory, media history, television studies, cultural studies

**Rarick, David**, Associate Professor Emeritus  
Ph.D., The Ohio State University  
Communication theory, media ethics, audience analysis, telecommunications media

**Rodman, Gilbert B.**, Associate Professor  
Ph.D., University of Illinois  
Critical media studies, cultural studies, race and ethnicity, popular culture, communication technologies

**Schiappa, Edward**, Professor  
Ph.D., Northwestern University  
Contemporary rhetorical theory, classical rhetoric, public address, argumentation

§ **Scott, Robert**, Professor Emeritus  
Ph.D., University of Illinois  
Rhetorical theory, public address criticism, value implications in research

**Shapiro, George L.**, Professor Emeritus  
Ph.D., University of Minnesota  
Leadership, organizational and interpersonal communication, communication between subcultures

**Sheldon, Amy**, Professor  
Ph.D., University of Texas  
First- and second-language acquisition, discourse analysis, gender

**Vavrus, Mary**, Associate Professor  
Ph.D., University of Illinois  
Media studies, feminist theory, cultural studies, critical theory

§ **Wilson, Kirt**, Associate Professor  
Ph.D., Northwestern University  
Rhetorical theory, rhetoric, U.S. public address, political persuasion

## Cultural Studies and Comparative Literature

§ **Archer, John**, Professor  
Ph.D., Harvard University  
Architecture, space, cities and suburbia

**Bizri, Hisham**, Assistant Professor  
M.F.A., University of Illinois, Chicago  
Filmmaking; modernist cinema, literature, and music; avant-garde cinema; Arabic thought and poetry

**Brennan, Timothy**, Professor  
Ph.D., Columbia University  
19th- and 20th-century comparative literature, postcolonial theory, cultural theory, globalization, music

\* § **Brown, Robert**, Associate Professor  
Ph.D., University of Michigan  
Rhetoric, discourse theory, pedagogy, language/culture relations

§ **Casarino, Cesare**, Associate Professor  
Ph.D., Duke University  
Philosophy, queer theory, cinema, literature

**Ganguly, Keya**, Associate Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Critical theory, film, politics and practice of ethnography, sociology of culture

\* **Leppert, Richard**, Regents Professor  
Ph.D., Indiana University  
Music, visual culture, critical theory, aesthetics, history of modernity

**Mowitz, John**, Professor  
Ph.D., University of Wisconsin  
History and politics of critical theory, cinema and media studies, music

**Pepper, Thomas**, Associate Professor  
Ph.D., Yale University  
Psychoanalytic theory, gender, textual theory, philosophy of language

§ **Sarles, Harvey**, Professor  
Ph.D., University of Chicago  
Pragmatism, cultural critique, human nature and experience

**Schulte-Sasse, Jochen**, Professor  
Dr. ph. habil., Ruhr University, Bochum, Germany  
Intellectual and cultural history, literary and aesthetic theory, European Romanticism, popular culture, German literature after 1700

**Tageldin, Shaden**, Assistant Professor  
Ph.D., University of California, Berkeley  
Comparative literatures in English/Arabic/French, empire and postcolonial studies, translation theory, language politics, ideologies of genre

\* **Thomas, Gary**, Associate Professor  
Ph.D., Harvard University  
Cultural theory, music, gender-sexuality, comic theory, German literature

## Economics

**Allen, Beth**, Professor  
Ph.D., University of California, Berkeley  
Game theory, economics of information and uncertainty

**Arellano, Cristina**, Assistant Professor  
Ph.D., Duke University  
Business cycles in emerging economies

**Bajari, Patrick**, Professor  
Ph.D., University of Minnesota  
Industrial organization, econometrics of strategic interactions, demand estimation in differentiated product markets, empirical analysis of asymmetric information

**Chari, V. V.**, Professor and Paul Frenzel Land Grant Chair in Economics  
Ph.D., Carnegie Mellon University  
Public economics, macroeconomics, industrial organization

**Chipman, John S.**, Regents Professor Emeritus  
Ph.D., Johns Hopkins University  
Econometrics, international trade, measurement of economic welfare

**Chung, Kim Sau**, Associate Professor  
Ph.D., University of Wisconsin  
Microeconomics, mathematical economics, development, design of allocation mechanisms and legal systems

**Eckstein, Zvi**, Professor  
Ph.D., University of Minnesota  
Immigration and transition of immigrants to a new labor market, labor search models, labor market discrimination

**Feldman, Roger D.**, Professor  
Ph.D., University of Rochester  
Health economics, labor economics, human capital, human resources

**Foster, Edward**, Professor Emeritus  
Ph.D., Massachusetts Institute of Technology  
Public finance, microeconomic theory

**Holmes, Tom**, Professor and Carlson Chair  
Ph.D., Northwestern University  
Applied microeconomics, industrial organization

§ **Hurwicz, Leonid**, Regents Professor Emeritus  
LL.M., Warsaw University  
Mathematical economics, economic organization, welfare economics, social choice, 2008 Nobel Laureate in Economics

**Jones, Larry**, Professor  
Ph.D., University of California, Berkeley  
Macroeconomic theory with emphasis on development and growth and public finance

**Keohoe, Patrick**, Professor  
Ph.D., Harvard University  
International trade and finance, macroeconomics

**Keohoe, Timothy**, Distinguished McKnight University Professor  
Ph.D., Yale University  
Applied general equilibrium modeling, trade theory, public finance

**Kim, Kyoo il**, Assistant Professor  
Ph.D., University of California, Los Angeles  
Econometrics, industrial organization, estimation of strategic models of firm interaction

**Kocherlakota, Narayana**, Professor  
Ph.D., University of Chicago  
Financial economics, public finance and monetary economics

**Luttmer, Erzo**, Professor  
Ph.D., University of Chicago  
Financial economics, macroeconomics

**Mohring, Herbert**, Professor Emeritus  
Ph.D., Massachusetts Institute of Technology  
Industrial organization and antitrust, urban economics, resource economics

**Obara, Ichiro**, Associate Professor  
Ph.D., University of Pennsylvania  
Microeconomics, properties of equilibrium outcomes in dynamic games

**Park, Minjung**, Assistant Professor  
Ph.D., Stanford University  
Industrial organization, financial economics, development and estimation models of mergers

**Perri, Fabrizio**, Associate Professor  
Ph.D., University of Pennsylvania  
Macroeconomics, international economics, inequality

**Petrin, Amil**, Associate Professor  
Ph.D., University of Michigan  
Econometrics, industrial relations, methods for estimating welfare benefits of new goods

**Phelan, Christopher**, Professor  
Ph.D., University of Chicago  
Monetary economics, public economics, optimal design of social insurance

**Rahman, David**, Assistant Professor  
Ph.D., University of California, Los Angeles  
Optimal contract design

**Richter, Marcel K.**, Professor  
Ph.D., Massachusetts Institute of Technology  
Mathematical economics, rational choice theory, general equilibrium theory

**R'os-Rull, José-Victor, Professor**  
Ph.D., University of Minnesota  
Distribution of wealth and its effects on the macro-economy, politico-economic determinants of capital and labor taxes

**Rustichini, Aldo, Professor**  
Ph.D., University of Minnesota  
Decision theory, microeconomic theory, models of bounded rationality, economic dynamics and microeconomic theory

**Ruttan, Vernon, Regents Professor Emeritus**  
Ph.D., University of Chicago  
Economics of agricultural development, technical change, research policy

**Sahi, Simran, Assistant Professor**  
Ph.D., University of Pittsburgh  
International trade and finance

**Schuh, G. Edward, Regents Professor Emeritus**  
Ph.D., University of Chicago  
Agricultural and food policy, economic development, international trade and exchange rate policy, international financial markets, family policy and population, poverty

**Sher, Itai, Assistant Professor**  
Ph.D., Northwestern University  
Game theory and mechanism design

**Smith, Harlan, Professor Emeritus**  
Ph.D., University of Chicago  
Economic philosophy, economic problems, world order studies

**Swan, Craig, Professor Emeritus**  
Ph.D., Yale University  
Macroeconomics, econometrics, money, banking, housing policy, mortgage markets

**Werner, Jan, Professor**  
Ph.D., University of Bonn, West Germany  
Microeconomic theory, mathematical economics, general equilibrium, financial markets

## English

**Augst, Thomas, Associate Professor**  
Ph.D., Harvard University  
American literature/culture, history and theory of reading

**Brennan, Timothy, Professor**  
Ph.D., Columbia University  
Atlantic cultures, American ethnic literatures, 20th-century literary/cultural theory

**Brown, Tony C., Assistant Professor**  
Ph.D., University of Chicago  
18th-century British literature, colonial and postcolonial literature, theory of the novel

**§ Browne, Michael Dennis, Professor**  
M.A., University of Iowa  
Creative writing, modern and contemporary poetry and poetics

**Ch'ien, Evelyn, Associate Professor**  
Ph.D., University of Virginia  
Literature after 1945, minority literature, postcolonial theory, English vernaculars

**\*§ Clayton, Thomas, Regents Professor**  
D.Phil., Oxford University  
Shakespeare, 17th-century English literature, classical literature, literary criticism

**Craig, Siobhan S., Assistant Professor**  
Ph.D., University of Massachusetts, Amherst  
Film spectatorship, feminist theory, queer cinema, fascism and film

**Cucullu, Lois, Associate Professor**  
Ph.D., Brown University  
British modernism, Victorian literature, popular culture and media

**§ Damon, Maria, Associate Professor**  
Ph.D., Stanford University  
Modern poetry, poetics

**Elfenbein, Andrew, Professor**  
Ph.D., Yale University  
Romanticism, Victorian literature, intertextuality and influence, gender

**Escura, Genevieve, Professor**  
Ph.D., Indiana University  
Sociolinguistics, language universals, linguistic theory, phonology, syntax

**Farber, Lianna Hope, Associate Professor**  
Ph.D., Harvard University  
Medieval literature and culture

**Firchow, Peter, Professor**  
Ph.D., University of Wisconsin  
Modern British, American literature; comparative literature; utopian literature

**Fitzgerald, M. J., Associate Professor**  
M.A., York University  
Fiction writing, contemporary fiction

**\* Garner, Shirley, Professor**  
Ph.D., Stanford University  
Renaissance literature, 16th-century poetry, Shakespeare, autobiography, feminist criticism

**Goldberg, Brian, Associate Professor**  
Ph.D., Indiana University  
British Romantic literature, 18th-century literature

**Gonzalez, Ray, Professor**  
M.F.A., Southwest Texas State University  
Creative writing, Latin American studies, poetry, creative nonfiction

**§ Griffin, Edward, Professor**  
Ph.D., Stanford University  
American literature, American studies, American religion, teaching

**Haley, David, Professor**  
Ph.D., Harvard University  
Renaissance and Enlightenment poetry, philosophy, drama, politics, the Bible

**§ Hampf, Patricia, Regents Professor**  
M.F.A., University of Iowa  
Creative writing, autobiographical writing, contemporary American poetry, fiction

**Hancher, Michael, Professor**  
Ph.D., Yale University  
Victorian literature, pragmatics and literature, literary illustration, book history

**\* Hirsch, Gordon, Professor**  
Ph.D., University of California, Berkeley  
Victorian literature, English novel, psychological approaches, critical theory

**Ismail, Qadri, Associate Professor**  
Ph.D., Columbia University  
Marxism, nationalism, feminist theory, postcolonial studies, literary theory

**Krug, Rebecca, Associate Professor**  
Ph.D., Indiana University  
Medieval drama, Middle English, ritual and religion, women and religious authority, magic in Medieval and Renaissance literature

**Lee, Josephine, Associate Professor**  
Ph.D., Princeton University  
Modern British, American, world drama; performance theory; Asian-American studies

**Luke, David, Assistant Professor**  
Ph.D., State University of New York at Buffalo  
Romantic literature (especially Keats), Victorian literature (especially Arnold)

**Matar, Nabil, Professor**  
Ph.D., University of Cambridge  
Seventeenth-century English literature, British-Islamic religions, Arabic writings on Europe in the early modern period

**Messer-Davidow, Ellen, Professor**  
Ph.D., University of Cincinnati  
Literary/cultural theory, feminist studies, 18th-century literature, academic knowledge-production

**Rabinowitz, Paula, Professor**  
Ph.D., University of Michigan  
20th-century American writers, women, minorities, Marxist criticism, feminist criticism

**Scandura, Jani, Associate Professor**  
Ph.D., University of Michigan  
American, British literature; cultural studies; literary, architectural, feminist theory

**Scheil, Andrew, Associate Professor**  
Ph.D., University of Toronto  
Medieval literature and culture

**Scheil, Katherine, Associate Professor**  
Ph.D., University of Toronto  
Renaissance literature, Shakespeare, 18th-century literature, theatre history and performance, archival study, history of reading, women's studies and feminist criticism

**Schumacher, Julie, Associate Professor**  
M.F.A., Cornell University  
Fiction writing, contemporary fiction, novels, short stories

**Sire, Geoffrey, Professor**  
Ph.D., University of Minnesota  
Composition theory and pedagogy, technology and writing, visual arts and art theory, hip hop, Modernist era

**Sprengnether, Madelon, Professor**  
Ph.D., Yale University  
Feminist criticism, Renaissance literature, women writers, creative writing

**\*§ Sugnet, Charles, Associate Professor**  
Ph.D., University of Virginia  
Shakespeare, novels, feminist criticism, American nature writing, Romantic period

**Tinsley, Omise'eke Natasha, Assistant Professor**  
Ph.D., University of California, Berkeley  
African diaspora literature and theory, Caribbean literature and theory, poetry and poetics

**Treuer, David, Associate Professor**  
Ph.D., University of Michigan  
Native American literature, creative writing, 20th-century novel

**Watkins, John, Professor**  
Ph.D., Yale University  
Medieval and Renaissance literature, poetics

**\* Weinsheimer, Joel, Professor**  
Ph.D., Ohio University  
Late 18th-century literature (especially Johnson, Austen), literary theory

**\* Wright, John, Associate Professor**  
Ph.D., University of Minnesota  
American and Afro-American literature, intellectual history, folklore, orality, sociology of literature

**Wright, Michelle M., Associate Professor**  
Ph.D., University of Michigan  
African diaspora studies, African American literature and theory

## English as a Second Language

**Cohen, Andrew, Professor**  
Ph.D., Stanford University  
Applied linguistics, second-language acquisition

**Lazaraton, Anne, Associate Professor**  
Ph.D., University of California, Los Angeles  
Applied linguistics, discourse analysis

**\*§ Tarone, Elaine, Professor**  
Ph.D., University of Washington  
Applied linguistics, second-language acquisition

## French and Italian

**Abderrezak, Hakim, Assistant Professor**  
Ph.D., Northwestern University  
Francophone literature and cinema; postcolonial, cultural, and gender studies

**Akehurst, F. R. P., Professor**  
Ph.D., University of Colorado  
Old French language, law, and literature

**Brewer, Daniel, Professor**  
Ph.D., Johns Hopkins University  
Early modern French literature and culture, literary theory

**Brewer, Mária, Associate Professor**  
Ph.D., Yale University  
20th-century literature; theater; literary, cultural theory; gender

**Brown, Mary, Assistant Professor**  
Ph.D., University of California, Berkeley  
Medieval studies with emphasis on encyclopedism, courtly lyric, philosophical poetry, medieval humanism

**Chaouat, Bruno, Associate Professor**  
Ph.D., Emory University  
20th-century French thought and literature

**Cherbuliez, Juliette, Associate Professor**  
Ph.D., University of Pennsylvania, Philadelphia  
17th-century literature and culture

**Ferlito, Susanna, Associate Professor**  
Ph.D., University of California, Los Angeles  
19th- and 20th-century Italian literature and culture

**Kerr, Betsy, Associate Professor**  
Ph.D., Indiana University  
French linguistics, applied linguistics, pragmatics

**Noakes, Susan, Professor**  
Ph.D., Yale University  
Late medieval/early Renaissance French and Italian literature

**Preckshot, Judith, Associate Professor**  
Ph.D., University of California, Irvine  
Francophone and 20th-century literature

**Robinson, Peter, Associate Professor**  
Ph.D., University of Pennsylvania  
19th-century poetry

**Sivert, Eileen, Associate Professor**  
Ph.D., University of California, Riverside  
19th-century narrative, literature of Quebec, women's studies

**Wall-Romana, Christophe, Assistant Professor**  
Ph.D., University of California, Berkeley  
Modern French and francophone poetry, cinema, and visual theory

## Gender, Women and Sexuality Studies

**Craddock, Susan, Associate Professor**  
Ph.D., University of California, Berkeley  
Health and medicine; gender, race, and social equity

**Desai, Jigna, Associate Professor**  
Ph.D., University of Minnesota  
Postcolonialism; Asian-American, South Asian diaspora; globalization; transnational cultural studies

**Kaminsky, Amy, Professor**  
Ph.D., Pennsylvania State University  
Feminist literary theory, Latin American women writers, exile

**Kunzel, Regina, Professor**  
Ph.D., Yale University  
History of gender and sexuality, queer studies

**Nagar, Richa, Professor**  
Ph.D., University of Minnesota  
Feminist ethnography, cultural geography, international feminisms, development theory

**§ Scheman, Naomi, Professor**  
Ph.D., Harvard University  
Feminist epistemology, theories of individual and collective identity

**Torres, Eden, Associate Professor**  
Ph.D., University of Minnesota  
Chicana feminist/cultural theory, race, class, gender, ethnicity

**\*§ Zita, Jacquelyn, Associate Professor**  
Ph.D., Washington University  
Feminist theory and philosophy, gender, lesbian/gay studies

## Geography

**Adams, John, S., Professor Emeritus**  
Ph.D., University of Minnesota  
American cities, regional analysis, Russia and environs

**Braun, Bruce W., Associate Professor**  
Ph.D., University of British Columbia  
Society-environment relations; political ecology; social, cultural theory

**Brown, Dwight, Professor**  
Ph.D., University of Kansas  
Physical geography, cartography, paleoenvironments, water resources, geographic information science and systems

**§ Gersmehl, Philip, Professor**  
Ph.D., University of Georgia  
Physical geography, education, North America, geographic information science and systems

**Gidwani, Vinay, Assistant Professor**  
Ph.D., University of California, Berkeley  
Labor geographies, agrarian change, nature-society relations, politics of globalization and development

**Hart, John, Professor**  
Ph.D., Northwestern University  
Regional geography, North America

**Harvey, Francis, Associate Professor**  
Ph.D., University of Washington  
Geographic information science and systems, GIS implementation in local government, geographic information overlay

**Henderson, George, Associate Professor**  
Ph.D., University of California, Berkeley  
Social and cultural geography, political economy of nature, culture and society, geography and ethics, U.S. geography

**Hsu, Mei Ling, Professor Emeritus**  
Ph.D., University of Wisconsin  
East Asia, cartography (design and automation)

**Kayzar, Brenda, Assistant Professor**  
Ph.D., University of California, Santa Barbara; South Dakota State University  
Urban geography, community development, equity in housing and service provision

**Kipfmüller, Kurt, Assistant Professor**  
Ph.D., University of Arizona  
Physical geography, biogeography, tree-ring analysis

**Klink, Katherine, Associate Professor**  
Ph.D., University of Delaware  
Climate-biosphere interaction, climate dynamics, quantitative methods

**Leitner, Helga, Professor**  
Ph.D., University of Vienna  
Urban and regional development, international labor migration, Europe

**Lukermann, Fred, Professor Emeritus**  
Ph.D., University of Minnesota  
Historical-geographical thought

**McMaster, Robert B., Professor**  
Ph.D., University of Kansas  
Cartography and geovisualization, geographic information science and systems, quantitative and spatial analysis, geographic methods

**Manson, Steven, Assistant Professor**  
Ph.D., Clark University  
Environmental science, socio-theoretic frameworks, computational modeling, geographic information science and systems

**\* Martin, Judith A., Professor**  
Ph.D., University of Minnesota  
Urban planning, environmental perception

**\* Miller, Roger, Associate Professor**  
Ph.D., University of California, Berkeley  
Urban and historical geography, geographical methodology and theory

**Porter, Philip, Professor Emeritus**  
Ph.D., University of London  
Cartography, Africa, tropical agricalimatology and development

**Rice, John, Professor Emeritus**  
Fil. lic., University of Uppsala  
Historical geography, Europe (especially Scandinavian states and Finland)

**Saldanha, Arun, Assistant Professor**  
Ph.D., Open University  
Cultural and social geography, the geography of music

**Samatar, Abdi, Professor**  
Ph.D., University of California, Berkeley  
Third World development and regional planning, East Africa

**Schwartzberg, Joseph, Professor Emeritus**  
Ph.D., University of Wisconsin  
South and Southeast Asia, political geography, historical cartography

**Scott, Earl, Professor Emeritus**  
Ph.D., University of Michigan  
Cultural and economic geography, Africa

**Sheppard, Eric, Professor**  
Ph.D., University of Toronto  
Economic geography, political economy, quantitative methods, philosophical foundations

**Shuman, Bryan, Assistant Professor**  
Ph.D., Brown University  
Climatic change and associated biogeographical dynamics, quaternary paleoclimates and paleoecology, global change

**Skaggs, Richard, Professor**  
Ph.D., University of Kansas  
Climatology, physical geography, long-term temperature trends, drought

**Squires, Roderick, Associate Professor**  
Ph.D., University of Durham, England  
Public land policy

**Till, Karen E., Associate Professor**  
Ph.D., University of Wisconsin, Madison  
Urban, social theory, historic landscapes, Europe, North America

**\* Weil, Connie, Associate Professor**  
Ph.D., Columbia University  
Medical geography, Latin America

**Ziegler, Susy, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
Biogeography, forest dynamics, human impacts on vegetation, forest decline in Central Europe, environmental change, dendrochronology

## German, Scandinavian, and Dutch,

**Duroche, Leonard, Associate Professor Emeritus**  
Ph.D., Stanford University  
Men's studies, literary theory, phenomenology, children's literature, romanticism

**Firchow, Evelyn Scherabon, Professor**  
Ph.D., Harvard University  
Germanic philology and medieval German literature

**Fullerton, Gerald Lee, Associate Professor Emeritus**  
Ph.D., University of Michigan  
German and Germanic linguistics

**Gailus, Andreas, Associate Professor**  
Ph.D., Columbia University  
18th- to 20th-century literature and philosophy, psychoanalysis, textual theory

**Grimstad, Kaaren, Associate Professor**  
Ph.D., Harvard University  
Old Norse languages/literatures, Icelandic sagas, Scandinavian mythology, Swedish

**Houe, Poul, Professor**  
Ph.D., Aarhus University, Denmark  
Modern Danish and Swedish literature, European humanism, travel and exile literature

**Hüser, Rembert, Assistant Professor**  
Dr.phil., University of Bielefeld  
Cultural studies, film studies, literary criticism

**Joeres, Ruth-Ellen Boetche, Professor**  
Ph.D., Johns Hopkins University  
18th- to 20th-century literature, comparative feminist theories, women's history and literature

**Liberman, Anatoly, Professor**  
Dr. phil., University of Leningrad  
General linguistics, Germanic philology, folklore, poetic translation, medieval literature

**McCormick, Richard, Professor**  
Ph.D., University of California, Berkeley  
Film studies, 20th-century literature and culture, feminism and gender studies

**Melin, Charlotte, Associate Professor**  
Ph.D., University of Michigan  
Postwar German poetry, German-American literary relations, second-language acquisition

**Morris, Leslie, Associate Professor**  
Ph.D., University of Massachusetts, Amherst  
20th-century German and Austrian literature, poetry, Jewish studies

**Parente, James A., Jr., Professor**  
Ph.D., Yale University  
Medieval and early modern German, Netherlandic and Scandinavian literature and culture

**Schulte-Sasse, Jochen, Professor**  
Dr. phil., Ruhr University, Bochum, Germany  
Literature 1700–1820, 1885–present; theory of literature, popular literature

**Stockenström, Göran, Professor**  
Ph.D., Uppsala University, Sweden  
Swedish language/literature, modern drama, Scandinavian immigrant culture

**Teraoka, Arlene A., Professor**  
Ph.D., Stanford University  
20th-century and minority literature, intellectual history, cultural criticism

**Wakefield, Ray, Associate Professor**  
Ph.D., Indiana University  
Second language acquisition, medieval literature, Dutch

**\*§ Weiss, Gerhard, Professor Emeritus**  
Ph.D., University of Wisconsin, Madison  
17th-, 19th-, and 20th-century literature, German studies

**Zagar, Monika, Associate Professor**  
Ph.D., University of California, Berkeley  
Norwegian language and literature, modernism, Scandinavian women writers

**Zipes, Jack, Professor Emeritus**  
Ph.D., Columbia University  
Fairy tales, 20th-century literature; German, women's and Jewish studies

## Global Studies

**Boyle, Elizabeth, Associate Professor**  
Ph.D., Stanford University  
Sociology of law, comparative sociology, political sociology, sociology of gender

**Broadbent, Jeffrey, Associate Professor**  
Ph.D., Harvard University  
Comparative, political, cultural, and environmental sociologies; social movements; network analysis; macro-meso-micro links; power structures; change processes; complexity; Japan; East Asia

**Craddock, Susan, Associate Professor**  
Ph.D., University of California, Berkeley  
Women's studies, geography, critical health geography, political ecologies of disease, medical practices in global perspective

**Gidwani, Vinay, Assistant Professor**  
Ph.D., University of California, Berkeley  
Labor geographies, agrarian change, nature-society relations, politics of globalization and development

**Goldman, Michael, Associate Professor**  
Ph.D., University of California, Santa Cruz  
Transnational, environmental, development, and political sociology; sociology of knowledge and power; transnational institutions; World Bank; NGO networks

**Kaminsky, Amy, Professor**  
Ph.D., Pennsylvania State University  
Women's studies, feminist theory, Latin American literature, gender and nation

**Keaton, Tricia, Assistant Professor**  
Ph.D., University of California, Berkeley  
Migration and immigration; Black Paris and the African diaspora in Europe, comparative theories of race, identity politics, public and urban ethnography

**Leitner, Helga, Professor**  
Ph.D., University of Vienna  
Geography, urban and regional development, international labor migration, Europe

**McLean, Stuart, Assistant Professor**  
Ph.D., Columbia University  
Social and cultural theory, anthropology of modernity, historical anthropology, anthropology of landscape; Ireland, European Union

## Faculty and Administration

**Raheja, Gloria, Professor**  
Ph.D., University of Chicago  
Anthropology, politics of cultural production, India

**Schurman, Rachel, Associate Professor**  
Ph.D., University of Wisconsin, Madison  
Sociology of food and agriculture, social movements, political sociology, international political economy, environmental sociology, Latin America

**Skaria, Ajay, Associate Professor**  
Ph.D., Trinity College and Gonville and Caius College, University of Cambridge, United Kingdom  
History, colonialism, nationalism, South Asia

**Wolfe, Thomas, Associate Professor**  
Ph.D., University of Michigan  
History, anthropology, Europe/Soviet Union/Russia, 20th century, media, communications, culture

### History

**Bachrach, Bernard, Professor**  
Ph.D., University of California, Berkeley  
Europe before 1200, medieval military history

**Bashiri, Iraj, Professor**  
Ph.D., University of Michigan  
Islamic intellectual history

**Berman, Hyman, Professor Emeritus**  
Ph.D., Columbia University  
American labor and radicalism, 20th century, Minnesota history

**Blumenthal, Susanna, Associate Professor**  
Ph.D., Yale University  
American legal, 19th-century U.S. cultural and intellectual history

**Casale, Giancarlo, Assistant Professor**  
Ph.D., Harvard University  
Islamic world, Ottoman Empire

**\* Chambers, Clarke, Professor Emeritus**  
Ph.D., University of California, Berkeley  
American social history, social welfare history

**Chambers, Sarah, Associate Professor**  
Ph.D., University of Wisconsin, Madison  
Colonial Latin America, women

**Chang, David, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
Colonial Latin America, women

**Clark, Anna, Professor**  
Ph.D., Rutgers University  
Modern European and British/Irish history, women's history, history of sexuality

**Cohen, Gary B., Professor**  
Ph.D., Princeton University  
Austrian studies, Eastern Europe, modern European social history

**Deutsch, Tracey, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
20th-century U.S. political, business, and social history

**Evans, John, Professor**  
Ph.D., McMaster University, Canada  
Roman history

**Evans, Sara, Regents Professor**  
Ph.D., University of North Carolina at Chapel Hill  
American women's history, family history, social movements

**Farah, Caesar, Professor**  
Ph.D., Princeton University  
Modern Near East, Arabic, Islamic history

**\* Farmer, Edward, Professor**  
Ph.D., Harvard University  
Modern Chinese history, comparative early modern history

**Fischer, Kirsten, Associate Professor**  
Ph.D., Duke University  
Colonial/revolutionary America, U.S. social and intellectual history

**Gabaccia, Donna, Professor**  
Ph.D., University of Michigan  
Italian, American, and migration history

**Gallia, Andrew, Assistant Professor**  
Ph.D., University of Pennsylvania  
Rome and ancient Mediterranean history

**Giles-Vernick, Tamara, Associate Professor**  
Ph.D., Johns Hopkins University  
African history, ethno- and environmental history, history of public health

**Good, David F., Professor Emeritus**  
Ph.D., University of Pennsylvania  
European economic history, Hapsburg Empire

**\* Green, George, Associate Professor**  
Ph.D., Stanford University  
American economic and business history, historiography, historical methods

**Hakim, Carol, Assistant Professor**  
D. Phil, Oxford University  
Modern Middle East history

**Howe, John, Professor Emeritus**  
Ph.D., Yale University  
18th- and 19th-century American political history

**§ Isaacman, Allen, Regents Professor**  
Ph.D., University of Wisconsin  
Southern Africa, peasant studies, historical methodology

**Isett, Christopher, Associate Professor**  
Ph.D., University of California, Los Angeles  
Modern Chinese social, economic history

**Karras, Ruth, Professor**  
Ph.D., Yale University  
Medieval history, early modern Britain, Viking age

**Kelly, Thomas, Professor Emeritus**  
Ph.D., University of Illinois  
Ancient Greece

**\* Kieft, David, Associate Professor Emeritus**  
Ph.D., University of California, Berkeley  
European diplomatic history, German history

**Kopf, David, Professor Emeritus**  
Ph.D., University of Chicago  
South and Southeast Asian cultural history, comparative world history

**Kunzel, Regina, Professor**  
Ph.D., Yale University  
Modern U.S. gender and sexuality

**Lee, Erika, Associate Professor**  
Ph.D., University of California, Berkeley  
20th-century United States, Asian-American history, immigration history

**Lee, Mai Na, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
Southeast Asia, Southeast Asian diaspora

**§ Lehmborg, Stanford, Professor Emeritus**  
Ph.D., Cambridge University  
Tudor-Stuart England

**Lindquist, Malinda Elaine, Assistant Professor**  
Ph.D., Princeton University  
Post-1865 U.S. history, African American history, gender history

**Lorcin, Patricia, Associate Professor**  
Ph.D., Columbia University  
Modern Europe

**Lower, Michael, Assistant Professor**  
Ph.D., Cambridge University  
Medieval Europe, the crusades, popular religion, the papacy

**Marshall, Byron K., Professor Emeritus**  
Ph.D., Stanford University  
Asian history, 19th- and 20th-century Japanese history

**Mathieu, Sarah-Jane (Saje), Assistant Professor**  
Ph.D., Yale University  
20th-century American social/political/labor history, African American history, comparative race/ethnicity/immigration history

**\*§ May, Elaine Tyler, Regents Professor**  
Ph.D., University of California, Los Angeles  
American history, American studies, women

**\* May, Lary, Professor**  
Ph.D., University of California, Los Angeles  
American history, American studies

**Maynes, Mary Jo, Professor**  
Ph.D., University of Michigan  
Modern European social history, family, women, education, Germany

**McCaa, Robert, Professor**  
Ph.D., University of California, Los Angeles  
Modern Latin America, demographic history, quantitative methods

**McNamara, Patrick, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
Colonial/modern Latin America, history of Mexico

**Menard, Russell, Professor**  
Ph.D., University of Iowa  
Early American history

**Mizuno, Hiromi, Assistant Professor**  
Ph.D., University of California, Los Angeles  
Modern Japan, gender, cultural science and technology

**§ Munholland, Kim, Professor Emeritus**  
Ph.D., Princeton University  
Contemporary French social and political history, French imperialism

**Murphy, Kevin, Assistant Professor**  
Ph.D., New York University  
U.S. urban, political, intellectual, and cultural history; sexuality; masculinity

**Norling, Lisa, Associate Professor**  
Ph.D., Rutgers University  
American social and cultural history, gender, maritime history

**O'Brien-Kehoe, Jean M., Associate Professor**  
Ph.D., University of Chicago  
Indians of the Northeast (17th and 18th centuries), colonial America

**Phillips, Carla Rahn, Professor**  
Ph.D., New York University  
Early modern Europe (1450–1750), economy and society, Spain

**Phillips, William, Professor**  
Ph.D., New York University  
Medieval and early modern Europe, Spain, European expansion

**Pilcher, Jeffery, Associate Professor**  
Ph.D., Texas Christian University  
Latin American history, world and food history

**Reyerson, Kathryn, Professor**  
Ph.D., Yale University; Doctorat d'Etat, Montpellier Law School  
Medieval Europe; social, economic, and legal history; France

**Rudolph, Richard, Professor Emeritus**  
Ph.D., University of Wisconsin  
Russia, central and Eastern Europe

**Ruggles, Steven, Professor**  
Ph.D., University of Pennsylvania  
Historical demography, history of family, U.S. social history

**Shank, J. B., Assistant Professor**  
Ph.D., Stanford University  
Early modern Europe, France, European intellectual history of science

**Skaria, Ajay, Associate Professor**  
Ph.D., Trinity College, University of Cambridge  
19th- and 20th-century South Asian history, environmental history

**Spear, Allan, Associate Professor Emeritus**  
Ph.D., Yale University  
20th-century U.S. history

**\*§ Stavrou, Theofanis, Professor**  
Ph.D., Indiana University  
Russia, modern Greece, Eastern Orthodoxy

**Taylor, Romeyn, Professor Emeritus**  
Ph.D., University of Chicago  
History of Chinese society, late imperial Chinese history

**Thayer, John, Professor Emeritus**  
Ph.D., University of Wisconsin  
Modern European political-cultural history, historiography and method

**Tracy, James, Professor**  
Ph.D., Princeton University  
Early modern Europe, 16th century, the Low Countries

**Vecoli, Rudolph, Professor Emeritus**  
Ph.D., University of Wisconsin, Madison  
History of American immigration, ethnicity and pluralism

**Wagner, Michele, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
African history, Great Lakes Africa, East Africa, human rights, oral history

**Waltner, Ann, Professor**  
Ph.D., University of California, Berkeley  
Chinese social history, religion, gender, fiction, ritual, law

**Wang, Liping, Associate Professor**  
Ph.D., University of California, San Diego  
Social and cultural history of nationalist/communist period in modern China

**Weitz, Eric, Professor**  
Ph.D., Boston University  
Early modern and modern Germany, social/intellectual history, modern Russia/Soviet Union

**Welke, Barbara, Associate Professor**  
Ph.D., University of Chicago  
19th- and 20th-century U.S. legal, constitutional, and women's history

**Wolfe, Thomas, Associate Professor**  
Ph.D., University of Michigan  
Contemporary Russia, history of media, modernity/postmodernity, anthropology of complex societies

**Wright, William, Professor Emeritus**  
Ph.D., University of Colorado  
Austrian history

**Humanities**

**Kliger, George**, Assistant Professor  
Ph.D., University of Minnesota  
Modern European philosophy, psychology,  
literature, art; pre-Muslim India

**Norwood, James**, Senior Lecturer  
Ph.D., University of California, Berkeley  
Generalist in the western humanities  
(art, literature, philosophy, history),  
French drama, Shakespeare authorship  
controversy

**Journalism and Mass  
Communication**

**Carter, Roy**, Professor Emeritus  
Ph.D., Stanford University  
International mass communication, theory  
and methodology

**Chang, Tsan-Kuo**, Associate Professor  
Ph.D., University of Texas at Austin  
International communication, theory  
and methodology, mass communication  
diplomacy

**§ Dicken-Garcia, Hazel**, Professor  
Emeritus  
Ph.D., University of Wisconsin, Madison  
Mass communication history, news-  
editorial

**Doyle, Kenneth**, Associate Professor  
Ph.D., University of Minnesota  
Quantitative and qualitative research  
methodology, financial psychology,  
cross-cultural studies

**Eighmey, John**, Professor  
Ph.D., University of Iowa  
Advertising and consumer research,  
management and public policy

**Faber, Ronald**, Professor  
Ph.D., University of Wisconsin, Madison  
Advertising, mass media effects, political  
communication

**Fang, Irving**, Professor Emeritus  
Ph.D., University of California, Los  
Angeles  
Broadcast journalism, communication  
technology, history of photography,  
motion pictures

**Forde, Kathy**, Assistant Professor  
Ph.D. University of North Carolina at  
Chapel Hill  
Media law, journalism history of the  
American press, literary or narrative  
journalism

\* **Gillmor, Donald**, Professor Emeritus  
Ph.D., University of Minnesota  
Media and constitutional law, communi-  
cation agencies as social institutions

**Hansen, Kathleen**, Professor  
M.A., M.L.S., University of Wisconsin,  
Madison  
Information access/communication,  
sociology of news, bibliographic retrieval

**Huh, Jisu**, Assistant Professor  
Ph.D., University of Georgia, Athens  
Advertising effects research, advertising  
campaigns, new media advertising and  
graphic communication

**Ison, Chris**, Associate Professor  
B.A., University of Minnesota  
Public affairs reporting, news reporting  
and writing, media ethics

**Kirtley, Jane**, Professor  
J.D., Vanderbilt University  
Media law and ethics, international  
communication, constitutional and  
administrative law

**Lee, Chin Chuan**, Professor Emeritus  
Ph.D., University of Michigan  
International mass communication,  
theory and methodology, political  
communication

**Mersey, Rachel Davis**, Assistant  
Professor  
Ph.D., University of North Carolina at  
Chapel Hill  
Influence of new media on newspapers'  
community-building function

**Pedelty, Mark**, Associate Professor  
Ph.D., University of California, Berkeley  
Media ethnography, music as mass  
communication

**Sanders, Amy**, Assistant Professor  
Ph.D., University of Florida  
Media law with an emphasis on the First  
Amendment and online defamation, issues  
in media ownership, indecency regulation

**Schwartz, Dona**, Associate Professor  
Ph.D., University of Pennsylvania  
Visual communication, photography,  
qualitative approaches to mass  
communication

**Schwitzer, Gary**, Associate Professor  
B.A., Marquette University  
Health journalism, health care consumer  
decision making, television and radio  
news

**Southwell, Brian**, Assistant Professor  
Ph.D., University of Pennsylvania  
Strategic communication research,  
advertising, health journalism

**Squires, Catherine**, Professor  
Ph.D., Northwestern University  
Diversity; media and the public sphere,  
with emphasis on controversies surround-  
ing social identities, racial identities and  
mass media

**Stamm, Michael**, Assistant Professor  
Ph.D., University of Chicago  
Radio history, press-radio relations in the  
United States, media in American politics  
and culture, issues in media ownership

**Stern, Shayla Thiel**, Assistant Professor  
Ph.D., University of Iowa  
Integrating new media with cultural stud-  
ies, specifically gender and social identity  
through the use of instant messaging

**Sullivan, Daniel**, Professor  
Ph.D., Yale University  
Media strategy, future of media, new  
media

**Tichenor, Phillip**, Professor Emeritus  
Ph.D., Stanford University  
Theory and methodology, science  
journalism, public opinion

**Tims, Albert**, Associate Professor and  
Director  
Ph.D., University of Wisconsin, Madison  
Communication theory/methodol-  
ogy, public opinion and political  
communication

**Wackman, Daniel**, Professor  
Ph.D., University of Wisconsin, Madison  
Media management, advertising, theory  
and methodology

\* **Ward, Jean**, Professor Emeritus  
Ph.D., University of Minnesota  
Sociology of news, neighborhood press,  
language and communication

**Wells, William**, Professor Emeritus  
Ph.D., Stanford University  
Advertising/marketing, information  
management, statistics, consumer  
behavior/attitudes

**Zyer, Marco**, Assistant Professor  
Ph.D. University of Groningen,  
Netherlands  
Behavioral theory, health communications,  
evaluation of mass media communi-  
cations campaigns

**Japanese Language and  
Linguistics**

**Szatrowski, Polly**, Professor  
Ph.D., Cornell University; Ph.D.,  
University of Tsukuba  
Japanese language and linguistics

**Linguistics**

**Gundel, Jeanette**, Professor  
Ph.D., University of Texas  
Syntax, semantics, pragmatics, discourse  
analysis, language processing

**Soh, Hooi Ling**, Associate Professor  
Ph.D., Massachusetts Institute of  
Technology  
Syntactic theory, phonology-syntax  
interface, syntax-semantics interface

**Stenson, Nancy**, Professor  
Ph.D., University of California, San  
Diego  
Syntax; Irish, Celtic, and American Indian  
languages; applied linguistics

**Music**

**Addo, Akosua**, Associate Professor  
Ph.D., University of British Columbia  
Music education

**Anderson, John**, Professor and  
Woodwind Coordinator  
Ed.D., Columbia University  
Clarinet, pedagogy and literature,  
woodwind ensembles

**Argento, Dominick**, Regents Professor  
Emeritus  
Ph.D., Eastman School of Music  
Composition, orchestration

**Artymiw, Lydia**, Professor  
B.A., Philadelphia College of Performing  
Arts  
Piano

**Ashworth, Thomas**, Professor  
M.M., North Texas State University  
Trombone, euphonium

**Baldwin, David**, Professor and Brass  
Coordinator  
D.M.A., Yale University  
Trumpet, trumpet pedagogy, transcription  
for winds

**Billmeyer, Dean**, Associate Professor  
D.M.A., Eastman School of Music  
Organ literature and pedagogy, church  
music, advanced keyboard harmony

**Bjork, Mark**, Associate Professor  
B.M., Indiana University  
Violin, Suzuki pedagogy

**Braginsky, Alex**, Professor  
D.M.A. (equiv.), Moscow Conservatory  
Piano, chamber music

**Bribitzer-Stull, Matthew**, Assistant  
Professor  
Ph.D., Eastman School of Music  
Tonal theory and analysis

**Cherlin, Michael**, Professor  
Ph.D., Yale University  
Tonal and post-tonal theory and analysis,  
text and music

**Currie, Scott**, Lecturer  
A.B.D., New York University  
Ethnomusicology

**Damschroder, David**, Associate  
Professor  
Ph.D., Yale University  
Tonal theory and analysis, history of  
music theory

**Davis, Immanuel**, Assistant Professor  
M.M., The Juilliard School  
Flute, pedagogy and literature, woodwind  
ensembles

**De Haan, John**, Associate Professor  
M.M., University of Nebraska  
Voice (tenor), diction

**del Santo, Jean**, Associate Professor  
M.M., Indiana University  
Voice (soprano), vocal literature, diction

**Diem, Timothy**, Instructor  
M.M., University of Northern Colorado  
Band

**Dillon, James**, Professor  
Advanced study, Tavistock Institute,  
London  
Composition

**Furman, Charles**, Associate Professor  
Emeritus  
Ph.D., Florida State University  
Music therapy, music education, psychol-  
ogy of music

**Gast, Michael**, Instructor  
B.M., The Curtis Institute  
Horn

**Geers, Douglas**, Assistant Professor  
D.M.A., Columbia University  
Composition, electronic music

**Gopinath, Sumanth**, Assistant Professor  
Ph.D., Yale University  
Music theory, music and globalization,  
sound art

**Grayson, David**, Professor  
Ph.D., Harvard University  
Historical musicology, 19th and 20th  
centuries, Debussy studies

**Haack, Paul**, Professor Emeritus  
Ph.D., University of Wisconsin  
Music education, psychology of music

**Hamann, Keitha**, Associate Professor  
Ph.D., University of Miami  
Music education

**Harness, Kelley**, Associate Professor  
Ph.D., University of Illinois, Urbana-  
Champaign  
Musicology

**Ilitchi, Gabriela**, Assistant Professor  
Ph.D., New York University  
Musicology

**Jackson, Donna**, Professor Emeritus  
Ph.D., Harvard University  
Historical musicology, medieval and  
Renaissance

**Kawai, Noriko**, Visiting Associate  
Professor  
Advanced studies at Academia di Santa  
Cecilia, Rome; Royal College of Music,  
London  
Collaborative piano

**Kim, Young Nam**, Associate Professor  
M.M., Syracuse University  
Violin, chamber music, string orchestra

**Kirchhoff, Craig**, Professor and Director  
of Bands  
M.M., University of Wisconsin  
Conducting

**Konkol, Korey**, Professor  
M.M., New England Conservatory  
Viola

**Lancaster, Thomas**, Professor Emeritus  
D.M., Indiana University  
Choral conducting

**Lipscomb, Scott**, Associate Professor  
Ph.D., University of California, Los  
Angeles  
Music education

**Lovelace, Timothy**, Associate Professor  
D.M.A., State University of New York at  
Stony Brook  
Accompanying and coaching

## Faculty and Administration

**\*§ Lubet, Alex, Professor**  
Ph.D., University of Iowa  
Composition, 20th-century theory, theory pedagogy

**Luckhardt, Jerry, Associate Professor**  
M.M., University of Michigan  
Band, conducting methods

**Maurice, Glenda, Professor**  
M.M., Manhattan School of Music  
Voice (mezzo-soprano), vocal literature

**Mazzola, Guerino, Professor**  
Ph.D., University of Zurich  
Theory, collaborative arts

**Mehaffey, Matthew, Assistant Professor**  
D.M.A., University of Arizona, Tucson  
Choral conducting

**Mercer-Taylor, Peter, Associate Professor**  
Ph.D., University of California, Berkeley  
Musicology

**Meza, Fernando, Associate Professor**  
M.M., University of Michigan  
Percussion, percussion literature/  
techniques/pedagogy

**O'Reilly, Sally, Professor**  
M.M., Indiana University  
Violin

**Painter, Karen, Associate Professor**  
Ph.D., Columbia University  
Musicology

**Pohland, Glenn, Assistant Professor**  
D.M.A., Arizona State University  
Music education

**Remenikova, Tanya, Professor**  
D.M.A. (equiv.), Moscow Conservatory  
Cello, cello pedagogy, string techniques,  
chamber ensembles

**Romey, Kathy Saltzman, Associate Professor**  
D.M.A. (equiv.), Hochschule für Musik,  
Frankfurt, Germany  
Choral conducting

**Rousseau, Eugene, Instructor**  
Ph.D., University of Iowa  
Saxophone

**Schneider, Mary, Instructor**  
D.M.A., University of Texas, Austin  
Bands

**Schultz, Anna, Assistant Professor**  
Ph.D., University of Illinois  
Ethnomusicology

**Shaw, Paul, Associate Professor**  
D.M.A., The Juilliard School  
Piano, piano ensemble

**Shockley, Rebecca, Professor**  
D.M.A., University of Colorado  
Piano, class piano, pedagogy, piano  
ensembles

**Silverman, Michael, Assistant Professor**  
Ph.D., Florida State University  
Music therapy

**Smith, Mark Russell**  
B.M., The Juilliard School  
Orchestral studies

**Snow, John, Instructor**  
M.M., Yale University  
Oboe

**Sorenson, Dean, Instructor and Director of Jazz Studies**  
M.M., Eastman School of Music  
Jazz combo and ensemble, jazz theory,  
jazz history

**Sutton, Everett, Professor Emeritus**  
Ph.D., University of Minnesota  
Opera theater/workshop

**Van, Jeffrey, Instructor**  
M.F.A., University of Minnesota  
Guitar

**Walsh, David, Associate Professor**  
Performer's Certificate in Theatre Science,  
University of Toronto  
Opera theatre/workshop

**Ware, D. Clifton, Professor**  
D.M., Northwestern University  
Voice (tenor), pedagogy

**Weller, Lawrence, Professor**  
M.M., University of Illinois  
Voice (baritone), diction, vocal literature

**Zaimont, Judith, Professor Emeritus**  
M.A., Columbia University  
Composition, theory

**Zaro-Mullins, Wendy, Instructor**  
D.M.A., University of Oregon  
Voice

### Philosophy

**Bix, Brian, Professor**  
D.Phil., Oxford University  
Legal philosophy, philosophy of language,  
moral philosophy, political philosophy

**Cook, Roy, Assistant Professor**  
Ph.D., Ohio State University  
Philosophy of logic, language, and  
mathematics; aesthetics of popular art;  
17th-century philosophy

**Dahl, Norman, Professor Emeritus**  
Ph.D., University of California, Berkeley  
Moral philosophy, ancient philosophy

**Eaton, Marcia M., Professor Emeritus**  
Ph.D., Stanford University  
Aesthetics

**Giere, Ronald, Professor Emeritus**  
Ph.D., Cornell University  
Philosophy of science

**Gunderson, Keith, Professor Emeritus**  
Ph.D., Princeton University  
Philosophy of mind, aesthetics

**Hanks, Peter, Assistant Professor**  
Ph.D., University of California  
Philosophy of language, philosophy of  
mind

**\* Hanson, William, Professor**  
Ph.D., Yale University  
Logic, philosophy of logic

**Hellman, Geoffrey, Professor**  
Ph.D., Harvard University  
Philosophy of natural science, mathemat-  
ics and logic, aesthetics

**Holtman, Sarah, Associate Professor**  
Ph.D., University of North Carolina at  
Chapel Hill  
Ethics, political philosophy, philosophy  
of law

**Hopkins, Jasper, Professor**  
Ph.D., Harvard University  
Ancient and medieval philosophy,  
philosophy of religion, medical ethics

**Kac, Michael, Professor**  
Ph.D., University of California, Los  
Angeles  
Linguistics, cognitive science

**§ Lewis, Douglas, Professor**  
Ph.D., University of Iowa  
17th- and 18th-century philosophy,  
metaphysics

**Love, Alan, Assistant Professor**  
Ph.D., University of Pittsburgh  
Philosophy of biology and science,  
history of biology, epistemology

**Mason, Michelle, Assistant Professor**  
Ph.D., University of Chicago  
Ethics, moral psychology and practical  
rationality, aesthetics

**Nounou, Antigone, Assistant Professor**  
Ph.D., London School of Economics  
Philosophy of physics

**§ Owens, Joseph, Professor**  
Ph.D., University of California, Los  
Angeles  
Philosophy of mind, language,  
metaphysics

**§ Peterson, Sandra, Professor**  
Ph.D., Princeton University  
Ancient philosophy, moral philosophy

**§ Root, Michael, Associate Professor Emeritus**  
Ph.D., University of Illinois, Urbana-  
Champaign  
Philosophy of language, philosophy of  
social science

**Savage, C. Wade, Professor Emeritus**  
Ph.D., Cornell University  
Philosophy of science, epistemology,  
philosophy of psychology

**§ Scheman, Naomi, Professor**  
Ph.D., Harvard University  
Feminist theory, epistemology,  
Wittgenstein

**Tiberius, Valerie, Associate Professor**  
Ph.D., University of North Carolina at  
Chapel Hill  
Value theory, practical reason, metaethics

**§ Wallace, John, Professor**  
Ph.D., Stanford University  
Philosophy of language, political  
philosophy, philosophy of education

**Waters, C. Kenneth, Associate Professor**  
Ph.D., Indiana University  
Philosophy of science, philosophy of  
biology, epistemology, history of biology

### Political Science

**Abernathy, Scott, Associate Professor**  
Ph.D., Princeton University  
American politics, education policy

**Ansell, Ben, Assistant Professor**  
Ph.D., Harvard University  
Comparative politics, democratization

**Beaumont, Elizabeth, Assistant Professor**  
Ph.D., Stanford University  
Political theory, public law

**Caraway, Terri, Assistant Professor**  
Ph.D., Northwestern University  
Comparative politics, Southeast Asia

**Collins, Kathleen, Assistant Professor**  
Ph.D., Stanford University  
Comparative politics, democratization

**§ Dietz, Mary, Professor**  
Ph.D., University of California, Berkeley  
Development of political thought

**Disch, Lisa, Professor**  
Ph.D., Rutgers University  
Political theory

**\*§ Duvall, Raymond, Professor**  
Ph.D., Northwestern University  
International relations, comparative  
political economy

**Fang, Songying, Assistant Professor**  
Ph.D., University of Rochester  
Methodology, international relations

**\*§ Farr, James, Professor**  
Ph.D., University of Minnesota  
Political theory

**Federico, Christopher, Associate Professor**  
Ph.D., University of California, Los  
Angeles  
Political psychology

**\*§ Freeman, John, Distinguished McKnight University Professor**  
Ph.D., University of Minnesota  
Political economy, methodology

**Gingrich, Jane, Assistant Professor**  
Ph.D., University of California, Berkeley  
Comparative politics, Western Europe

**Goren, Paul, Assistant Professor**  
Ph.D., University of Pittsburgh  
American politics, political behavior

**Hilbink, Elisabeth, Assistant Professor**  
Ph.D., University of California, San  
Diego  
Comparative judicial politics, democrati-  
zation, transitional justice

**Jacobs, Lawrence, Professor**  
Ph.D., Columbia University  
American public policy, American politics

**Johnson, Timothy, Associate Professor**  
Ph.D., Washington University  
American politics, judicial process

**\*§ Kelliher, Daniel, Associate Professor**  
Ph.D., Yale University  
Comparative politics, China

**Krebs, Ronald, Assistant Professor**  
Ph.D., Columbia University  
International relations

**Kvavik, Robert, Professor**  
Ph.D., Stanford University  
Political organizations, Scandinavia

**Luxon, Nancy, Assistant Professor**  
Ph.D., University of California, San  
Diego  
Political theory

**Miller, Joanne, Associate Professor**  
Ph.D., The Ohio State University  
Political psychology

**§ Nimtz, August, Professor**  
Ph.D., Indiana University  
Africa, comparative and community  
politics

**Pearson, Kathryn, Assistant Professor**  
Ph.D., University of California, Berkeley  
American politics, Congress

**Rahn, Wendy, Associate Professor**  
Ph.D., University of Minnesota  
American politics, political psychology

**Roberts, Jason, Assistant Professor**  
Ph.D., Washington University  
American politics, Congress

**Rosenstone, Steven, Professor**  
Ph.D., University of California, Berkeley  
American politics, methodology

**\* Sampson, Martin, Associate Professor**  
Ph.D., Indiana University  
International relations, foreign policy

**Samuels, David, Associate Professor**  
Ph.D., University of California, San  
Diego  
Comparative politics, Latin American  
politics

**Scott, Thomas, Professor**  
Ph.D., Northwestern University  
Urban government and politics, American  
politics

**\* Shively, W. Phillips, Professor**  
Ph.D., University of North Carolina  
Comparative politics, Western Europe

**Sikkink, Kathryn, Regents Professor**  
Ph.D., Columbia University  
Comparative politics, Latin America

**Soper, Paul, Lecturer**  
Ph.D., University of Minnesota  
American politics, political theory

**\* Strolovitch, Dara, Assistant Professor**  
Ph.D., Yale University  
American politics

**\* Sullivan, John, Regents Professor and Arleen Carlson Professor**  
Ph.D., University of North Carolina  
Methodology, political psychology

**Treier, Shawn, Assistant Professor**  
Ph.D., Stanford University  
Methodology, American politics

## Psychology

**Berscheid, Ellen, Regents Professor**  
Ph.D., University of Minnesota  
Interpersonal attraction, close relationships, emotion, social perception/cognition

**\* Borgida, Eugene, Professor**  
Ph.D., University of Michigan  
Social cognition, attitudes and persuasion, psychology and law, psychology and politics

**Bouchard, Thomas, Professor**  
Ph.D., University of California, Berkeley  
Twins, adoptees, mental ability, behavior genetics, personality interests

**Burkhardt, Dwight, Professor**  
Ph.D., Brown University  
Sensory psychobiology: vision, retinal neuron function, human psychophysics

**Butcher, James, Professor Emeritus**  
Ph.D., University of North Carolina  
Personality assessment, cross-cultural psychology

**Campbell, John, Professor**  
Ph.D., University of Minnesota  
Personnel selection, performance modeling and assessment, occupational structures

**Cuthbert, Bruce, Professor**  
Ph.D., University of Wisconsin, Madison  
Psychophysiology, emotion, temperament, mood and anxiety disorders, personality disorders, diagnostic issues

**Dawis, René, Professor Emeritus**  
Ph.D., University of Minnesota  
Vocational psychology, individual differences, psychological measurement, industrial/organizational psychology

**DeYoung, Colin, Assistant Professor**  
Ph.D., University of Toronto  
Personality neuroscience, cognitive abilities, impulsive behavior

**Engel, Stephen, Professor**  
Ph.D., Stanford University  
Cognitive neuroscience of vision, brain imaging, perceptual learning, color vision

**Federico, Christopher, Associate Professor**  
Ph.D., University of California, Los Angeles  
Political psychology, intergroup relations, and racial attitudes; psychology of legitimacy; political expertise

**Fletcher, Charles, Associate Professor**  
Ph.D., University of Colorado, Boulder  
Cognitive science, discourse comprehension, memory

**Frazier, Patricia, Professor**  
Ph.D., University of Minnesota  
Counseling and social psychology, coping with stressful life events

**Garmez, Norman, Professor Emeritus**  
Ph.D., Iowa State University  
Clinical psychology, personality, developmental psychopathology, childhood stressors, resistance and resilience

**Gewirtz, Jonathan, Associate Professor**  
Ph.D., Yale University  
Biological bases of learning, memory, mental illness, and the startle reflex

**\* § Gonzales, Marti, Associate Professor**  
Ph.D., University of California, Santa Cruz  
Accountability, applied social psychology, impression management, interpersonal conflict, political socialization

**Grove, William, Associate Professor**  
Ph.D., University of Minnesota  
Mood disorders, schizophrenia, behavior genetics, assessment, classification methodology

**Hansen, Jo-Ida, Professor**  
Ph.D., University of Minnesota  
Vocational interest measurement, inventory construction, career development, vocational psychology

**He, Sheng, Professor**  
Ph.D., University of California, San Diego  
Human vision and attention, visual awareness, cognitive neuroscience, brain imaging

**Iacono, William, Professor**  
Ph.D., University of Minnesota  
Common mental disorders, substance abuse, developmental psychopathology, psychophysiology, behavior genetics, detection of deception

**Jiang, Yuhong, Assistant Professor**  
Ph.D., Yale University  
Attention, memory, and cognition

**Kersten, Daniel, Professor**  
Ph.D., University of Minnesota  
Perception, computational vision, neural networks, brain imaging

**Koutstaal, Wilma, Associate Professor**  
Ph.D., Harvard University  
Human memory and judgment, cognitive neuroscience, neuropsychology, aging

**Krueger, Robert, Professor**  
Ph.D., University of Wisconsin, Madison  
Clinical, personality, individual differences, assessment, behavior genetics

**Kuncel, Nathan, Assistant Professor**  
Ph.D., University of Minnesota  
Structure and prediction of performance in academic and work settings

**Lee, Richard, Associate Professor**  
Ph.D., Virginia Commonwealth University  
Ethnic minority mental health and counseling, ethnic identity and family, personality and adjustment

**Legge, Gordon, Professor**  
Ph.D., Harvard University  
Visual perception, impaired vision

**Leon, Gloria, Professor Emeritus**  
Ph.D., University of Maryland  
Stress and coping in extreme situations, eating disorders

**Luciana, Monica, Associate Professor**  
Ph.D., University of Minnesota  
Neurotransmitters and behavior, prefrontal development, neuropsychology, biology and psychopathology

**MacDonald, Angus, III, Assistant Professor**  
Ph.D., University of Pittsburgh  
Basic cognitive and affective neuroscience using fMRI, neural and genetic bases of schizophrenia and other mental illnesses, psychometrics of measuring group differences

**Mann, Traci, Associate Professor**  
Ph.D., Stanford University  
Health behavior change; self-control, dieting and obesity

**Marsolek, Chad, Professor**  
Ph.D., Harvard University  
Human memory, vision, and learning; cognitive neuroscience

**McGue, Matthew, Regents Professor**  
Ph.D., University of Minnesota  
Behavior genetics, individual differences, substance abuse, aging

**Olman, Cheryl, Assistant Professor**  
Ph.D., University of Minnesota  
Biological basis of functional magnetic resonance imaging, modulation of low-level visual responses by scene perception

**Ones, Deniz, Professor**  
Ph.D., University of Iowa  
Ability and personality assessment, personnel selection and classification

**Overmier, J. Bruce, Professor**  
Ph.D., University of Pennsylvania  
Learning, memory, stress and its psychosomatic consequences

**Oxenham, Andrew, Associate Professor**  
Ph.D., University of Cambridge, United Kingdom  
Auditory perception and cognition, computational models of perception, hearing impairment and cochlear implants

**Patrick, Christopher, Professor**  
Ph.D., University of British Columbia  
Emotion, psychopathy and criminal behavior, substance abuse, psychophysiology

**§ Peterson, Gail, Associate Professor**  
Ph.D., Indiana University  
Radical behaviorism: basic research and applications

**Rausch, Joseph, Assistant Professor**  
Ph.D., University of Notre Dame  
Measurement and analysis of change, longitudinal data analysis, multilevel/mixed models

**Rothman, Alexander, Associate Professor**  
Ph.D., Yale University  
Social cognition, health beliefs and behavior, persuasion, stereotyping

**Sackett, Paul, Professor**  
Ph.D., The Ohio State University  
Personnel selection, employment testing, workplace deviance, performance measurement

**Schrater, Paul, Assistant Professor**  
Ph.D., University of Pennsylvania  
Computational cognitive science, human and computer vision and motor control, statistical pattern recognition

**Simpson, Jeffrey, Professor**  
Ph.D., University of Minnesota  
Social, interpersonal relationships, attachment, evolution and social behavior, personality and social behavior, social influence

**Snyder, Mark, Professor**  
Ph.D., Stanford University  
Social perception and interpersonal behavior, personality and social interaction

**Tellegen, Auke, Professor Emeritus**  
Ph.D., University of Minnesota  
Personality assessment and research, clinical psychopathology

**Thomas, Mark, Assistant Professor**  
Ph.D., University of California, Los Angeles  
Neurobiology of drug-induced plasticity and addiction, behavioral neuroscience, transgenic mice, cellular electrophysiology

**Viemeister, Neal, Professor**  
Ph.D., Indiana University  
Auditory perception, psychophysics, models of perceptual processes

**Waller, Niels, Professor**  
Ph.D., University of Minnesota  
Quantitative models of individual differences, psychometrics, factor analysis, taxometrics, item response theory

**Weiss, David, Professor**  
Ph.D., University of Minnesota  
Psychometric methods, computerized adaptive testing, item response theory

## Slavic and Central Asian Languages and Literatures

**Jahn, Gary, Professor**  
Ph.D., University of Wisconsin  
19th-century Russian literature, Tolstoy

**\* § Polakiewicz, Leonard, Associate Professor**  
Ph.D., University of Wisconsin  
19th-century Russian literature, Chekhov, Polish language and literature

## Sociology

**§ Aminzade, Ronald, Professor**  
Ph.D., University of Michigan  
Historical and comparative sociology, political sociology, social movements, democratic theory, sociology of higher education, sociology of development, race relations

**Anderson, Ronald, Professor Emeritus**  
Ph.D., Stanford University  
Methodology, technology, education, gender, organizations, computer simulations

**Bian, Yanji, Professor**  
Ph.D., State University of New York, Albany  
Stratification and mobility, economic sociology, social networks, contemporary Chinese societies in East Asia

**Boyle, Elizabeth, Associate Professor**  
Ph.D., Stanford University  
Sociology of law, comparative sociology, political sociology, sociology of gender

**Broadbent, Jeffrey, Associate Professor**  
Ph.D., Harvard University  
Comparative, political, cultural, and environmental sociologies; social movements; network analysis; macro-meso-micro links; power structures; change processes; complexity; Japan; East Asia

**Donohue, George, Professor Emeritus**  
Ph.D., Washington State University  
Rural sociology, theory

**Edgell, Penny, Professor**  
Ph.D., University of Chicago  
Sociology of religion, sociology of culture, qualitative methods, work and family, organizations

**Eliason, Scott, Associate Professor**  
Ph.D., Pennsylvania State University  
Quantitative methodology, work, occupations, and labor markets, stratification, life course

**Ellenbogen, B. L., Professor Emeritus**  
Ph.D., University of Wisconsin  
Social organization, developmental change, Latin America

**Fulton, Robert, Professor Emeritus**  
Ph.D., Wayne State University  
Sociology of death, AIDS, social stratification

**Gerteis, Joseph, Associate Professor**  
Ph.D., University of North Carolina at Chapel Hill  
Social theory, historical sociology, politics and social movements, social class and race



## Faculty and Administration

**Goldman, Michael**, Associate Professor  
Ph.D., University of California, Santa Cruz  
Transnational, environmental, development, and political sociology; sociology of knowledge and power; transnational institutions (World Bank, NGO networks)

**Gowan, Teresa**, Assistant Professor  
Ph.D., University of California, Berkeley  
Urban sociology, ethnography, poverty and inequality, comparative welfare states, deviance and social control

**Hartmann, Douglas**, Associate Professor  
Ph.D., University of California, San Diego

Race and ethnicity, culture (including popular culture, sport, and religion), social movements and social change, American society, field methods, contemporary theory

**Hull, Kathleen**, Associate Professor  
Ph.D., Northwestern University  
Culture, law, social movements, family, gender and sexuality, qualitative methods

**Kelly, Erin**, Associate Professor  
Ph.D., Princeton University  
Organizations and work, gender, family and life course, law and social policy

**Kennedy, Robert**, Associate Professor Emeritus  
Ph.D., University of California, Berkeley  
Demography, medical sociology

**Knoke, David**, Professor  
Ph.D., University of Michigan  
Organizations and work, social networks, methods and statistics

**Laslett, Barbara**, Professor Emeritus  
Ph.D., University of Chicago  
Historical sociology, family, gender, sociology of knowledge, social theory

**Leik, Robert**, Professor Emeritus  
Ph.D., University of Wisconsin, Madison  
Mathematical models, methods and statistics, family, social psychology, Nordic health care

**Logan, Enid**, Assistant Professor  
Ph.D., University of Michigan  
Race and ethnicity, family, marriage and gender, sociology of Afro-Latin populations, historical and comparative methods, religion and Catholic Church history

**Macmillan, I. Ross**, Associate Professor  
Ph.D., University of Toronto  
Life course studies; law, crime, and deviance; research methodology and social statistics

**Malmquist, Carl**, Professor  
M.D., University of Minnesota  
Juvenile justice, homicide, adolescence, law, mental health system

**Meier, Ann**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Family and life course, adolescent and young adult development, stratification, methods and statistics

**Moen, Phyllis**, Professor  
Ph.D., University of Minnesota  
Gender, careers and life course dynamics, sociology of work and family, aging, medical sociology, social policy

**Mortimer, Jeylan**, Professor  
Ph.D., University of Michigan  
Life course, social psychology, work

**Nelson, Joel**, Professor Emeritus  
Ph.D., Yale University  
Sociology of consumer behavior, organizations and occupations, stratification

**Page, Josh**, Assistant Professor  
Ph.D., University of California, Berkeley  
Law, crime, deviance, and punishment; Labor and unionization; Political sociology; Qualitative research methods; Social theory

**Reiss, Ira L.**, Professor Emeritus  
Ph.D., Pennsylvania State University  
Human sexuality, gender roles, family, theory construction

\* **Samaha, Joel**, Professor  
Ph.D., Northwestern University  
Criminal law and procedure in U.S. society, history of criminal justice

**Savelsberg, Joachim**, Professor  
Dr. rer. pol., University of Trier, Germany  
Sociology of law, criminology, theory, comparative

**Schofer, Evan**, Assistant Professor  
Ph.D., Stanford University  
Comparative political sociology, sociology of education, quantitative methods and statistics, globalization, sociology of science, environmental sociology, organizations

**Schurman, Rachel**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Sociology of food and agriculture, development sociology with a focus on Latin America, sociology of the environment, political economy, neoliberalism

**Spitzer, Stephan**, Associate Professor Emeritus  
Ph.D., University of Washington  
Social psychology, visual sociology, microcomputing

**Stryker, Robin**, Professor  
Ph.D., University of Wisconsin, Madison  
Law and society, political sociology, economic sociology, comparative and historical sociology, theory, stratification, historical methods, culture

**Swartz, Teresa**, Assistant Professor  
Ph.D., University of California, San Diego  
Families, race, class and gender, Asian American studies, care work, qualitative research methods, foster care

**Uggen, Christopher**, Professor  
Ph.D., University of Wisconsin, Madison  
Crime, law, and deviance; life course; work and occupations; methods and statistics

**Ward, David**, Professor Emeritus  
Ph.D., University of Illinois  
Criminology, penology

**Warren, John Robert**, Associate Professor  
Ph.D., University of Wisconsin, Madison  
Social stratification, sociology of education

### South Asian Languages and Cultures

§ **Junghare, Indira**, Professor  
Ph.D., University of Texas  
South Asian languages and cultures

### Spanish and Portuguese Studies

**Arenas, Fernando**, Associate Professor  
Ph.D., University of California, Berkeley  
Luso-Afro-Brazilian studies, critical theory

**Face, Timothy**, Associate Professor  
Ph.D., The Ohio State University  
Hispanic linguistics, phonology and phonetics

**Ferrán, Ofelia**, Associate Professor  
Ph.D., Cornell University  
Modern peninsular literature and literary theory

**Ferreira, Ana Paula**, Professor  
Ph.D., New York University  
Portuguese and Brazilian literatures, women's studies, critical theory

**Forcinito, Ana**, Associate Professor  
Ph.D., University of Pittsburgh  
19th- and 20th-century Latin American literature, testimonial literatures, Latin American film, women's writing, feminist theory, cultural theory, subaltern studies, memory, human rights, southern cone

**Jaime Hanneken**, Assistant Professor  
Ph.D., University of Pennsylvania  
Contemporary Latin American literature, francophone literature and culture, postcolonial studies, globalization, Latin American vanguardias, discursive appropriations of Paris in the Caribbean, Latin American and African contexts, uses and limitations of metropolitan literary and cultural theory in peripheral contexts

**Kaminsky, Amy**, Professor (Gender, Women, and Sexuality Studies)  
Ph.D., Spanish, The Pennsylvania State University  
Gender and sexuality, women writers in Spain and Latin America, exile and national identity, feminist and literary theory and criticism

**Klee, Carol**, Professor  
Ph.D., University of Texas, Austin  
Hispanic linguistics, applied linguistics and sociolinguistics

**Marrero-Fente, Raúl**, Assistant Professor  
Ph.D., University of Massachusetts, Amherst  
Transatlantic studies, colonial Latin American literature and culture, early modern Spanish literature and culture, colonial and postcolonial studies, global studies, feminist and gender studies, critical race studies, human rights, law and literature

**Ocampo, Francisco**, Associate Professor  
Ph.D., University of Southern California  
Hispanic linguistics, syntax and pragmatics

**O'Connell, Joanna**, Associate Professor  
Ph.D., University of California, Berkeley  
Spanish-American literature: Mexico, Caribbean, Central America; feminism

**Ramos-García, Luis**, Associate Professor  
Ph.D., University of Texas at Austin  
U.S. Latino/Latin American theater, literature, cultural studies

**Spadaccini, Nicholas**, Professor  
Ph.D., New York University  
Spanish Golden Age/colonial literature and culture, comparative literature

**Vidal, Hernán**, Professor Emeritus  
Ph.D., University of Iowa  
Latin American literature and cultural studies

**Weissberger, Barbara**, Professor Emeritus  
Ph.D., Harvard University  
Medieval and early modern literature

### Speech-Language-Hearing Sciences

**Angerman, Sarah**, Assistant Clinical Specialist  
Ph.D., University of Minnesota  
Clinical audiology

**Broen, Patricia**, Professor Emeritus  
Ph.D., University of Minnesota  
Language acquisition, phonological development

**Carlstrom, Jane**, Clinical Specialist  
Av.D., University of Iowa  
Clinical audiology

**Carney, Arlene**, Professor  
Ph.D., University of Minnesota  
Rehabilitative audiology, speech perception

**Davis, Julia**, Professor Emeritus  
Ph.D., University of Southern Mississippi  
Rehabilitative audiology

**DeRuiter, Mark**, Clinical Program Director  
Ph.D., University of Minnesota  
Auditory and language processing in children and adults

**Fabry, David A.**, Adjunct Associate Professor  
Ph.D., University of Minnesota  
Audiology

**Glaze, Leslie**, Adjunct Assistant Professor  
Ph.D., University of Wisconsin  
Voice and resonance disorders, alaryngeal speech

**Haroldson, Samuel**, Professor Emeritus  
M.A., University of Minnesota  
Stuttering, laryngectomy

**Hinderscheit, Linda**, Clinical Specialist  
M.A., University of Minnesota  
Speech and language disorders

**Kennedy, Mary**, Associate Professor  
Ph.D., University of Washington  
Neurological disorders of communication

**Kohnert, Kathryn**, Associate Professor  
Ph.D., University of California, San Diego  
Language acquisition and disorders in bilingual and monolingual populations

**McDermott, Richard**, Professor Emeritus  
Ph.D., University of Iowa  
Phonological disorders

**Moller, Karlind**, Adjunct Professor  
Ph.D., University of Minnesota  
Craniofacial anomalies

**Munson, Benjamin**, Associate Professor  
Ph.D., The Ohio State University  
Phonological development and disorders in children, language disorders in children

**Nelson, Peggy**, Associate Professor  
Ph.D., University of Kansas  
Psychoacoustics and speech perception, signal processing in hearing aids, pediatric audiology

**Rao, Aparna**, Assistant Professor  
Ph.D., Purdue University  
Audiology, electrophysiology

**Reichle, Joe**, Professor  
Ph.D., University of Wisconsin  
Preschool language, augmentative communication

**Schlauch, Robert**, Associate Professor  
Ph.D., University of Washington  
Diagnostic audiology, cognitive influences on hearing

§ **Siegel, Gerald**, Professor Emeritus  
Ph.D., University of Iowa  
Stuttering, ethnographic approaches to communication disorders

\* § **Speaks, Charles**, Professor Emeritus  
Ph.D., University of Michigan  
Speech perception

**Trine, Timothy D.**, Adjunct Assistant Professor  
Ph.D., University of Minnesota  
Hearing aids

**Van Tasell, Dianne J.**, Adjunct Professor  
Ph.D., Northwestern University  
Hearing aids

# Carlson School of Management (CSOM)

## Administration

**Alison Davis-Blake**, Dean

**Leanne Wirkkula**, Special Assistant to the Dean

**Srilata Zaheer**, Associate Dean of Faculty and Research

**Robert W. Ruekert**, Associate Dean of Undergraduate Programs

**Michael Houston**, Associate Dean of International Programs

**Ed Joyce**, Associate Dean of M.B.A. Programs and Executive Education

**Deb Cundy**, Assistant Dean for Marketing and Public Affairs

**Carolyn Chase**, Assistant Dean of Operations

**Michelle Wills**, Director of Finance

**Kathryn Johnson**, Director of Diversity

**Chris Mayr**, Senior Director of Development and Principal Gifts

**Louise Copeland**, Director of Marketing Services

**Sara Fenlason**, Director of Institutional Advancement

**Paul Johnson**, Director of Doctoral Programs

**Kathryn Carlson**, Assistant Dean M.B.A. Programs and Executive Education

**Mary Maus Kosir**, Assistant Dean and Director of Undergraduate Programs

**Anne King**, Assistant Dean of International Programs

**Dawn Skelly**, Director of Communications

**Mychal Coleman**, Director of Human Resources

**Laurence Kallio**, Director of M.Acc. Program

**Mark Sellner**, Director of the M.B.T. Program

**Avner Ben-Ner**, Director of Ph.D. Programs in Industrial Relations

**John Budd**, Director of M.A. Program in Industrial Relations

**Connie Wanberg**, Director of Industrial Relations Center

**Clare Foley**, Director, Graduate Business Career Center

**Morgan Kinross-Wright**, Director of Undergraduate Business Career Center

**Connie Buechele**, Director of Office of Information Technology (OIT)

**Steve Parente**, Director of Medical Industry Leadership Institute (MILI)

**Paul Wieser**, Director of Teaching Services

**Robbie Collins**, Associate Development Officer and Benefactor Relations

**Steve Corkery**, Development Officer and Corporate Relations

**Ryan French**, Director Alumni Relations and Annual Giving

**Viemeister, Neal**, Adjunct Professor  
Ph.D., Indiana University  
Auditory psychophysics and perceptions

**Watson, Peter**, Assistant Professor  
Ph.D., University of Arizona, Tucson  
Normal and disordered aspects of motor speech control, voice production

**Windsor, Jennifer**, Professor  
Ph.D., Purdue University  
Language acquisition and disorders, cognitive-linguistic processing

**Zhang, Yang**, Assistant Professor  
Ph.D., Yale University  
Directional data analysis, time series analysis, chronobiometry

## Statistics

**Bingham, Christopher**, Professor Emeritus  
Ph.D., Yale University  
Directional data analysis, time series analysis, chronobiometry

**Chatterjee, Singdhansu**, Assistant Professor  
Ph.D., Indian Statistical Institute  
Resampling techniques, small area estimation, curve estimation, stochastic processes

**Cook, R. Dennis**, Professor  
Ph.D., Kansas State University  
Linear and nonlinear models, regression diagnostics, graphical methods

**Dickey, James**, Professor  
Ph.D., University of Michigan  
Bayesian statistics, expert opinion modeling, smoothing analysis, foundations of inference

**Eaton, Morris**, Professor Emeritus  
Ph.D., Stanford University  
Multivariate analysis, probability inequalities, decision theory, Bayesian analysis

**Geyer, Charles**, Professor  
Ph.D., University of Washington  
Markov chain Monte Carlo, constrained maximum likelihood, statistical genetics

**Grund, Birgit**, Associate Professor  
Ph.D., Humboldt-Universität, Berlin  
Curve estimation, kernel smoothing, AIDS research

**Hawkins, Douglas**, Professor  
Ph.D., University of the Witwatersrand, Johannesburg, South Africa  
Quality improvement, case diagnostics, geostatistics

**Jiang, Tiefeng**, Associate Professor  
Ph.D., Stanford University  
Mathematical biology, pattern recognition, large deviations, Chen-Stein method

**Jones, Galin**, Associate Professor  
Ph.D., University of Florida  
Convergence of Markov chains, generalized linear mixed models

**Lindgren, Bernard**, Professor Emeritus  
Ph.D., University of Minnesota  
Statistical education, general theory

**Martin, Frank**, Associate Professor Emeritus  
Ph.D., Iowa State University  
Experimental design, analysis of variance procedures, population sampling

**Meeden, Glen**, Professor  
Ph.D., University of Illinois  
Decision theory, Bayesian inference, finite population sampling

**Oehlert, Gary**, Professor and Interim Dean for Faculty  
Ph.D., Yale University  
Data analysis, environmental trend analysis, nonparametric regression

**Qiu, Peihua**, Professor  
Ph.D., University of Wisconsin, Madison  
Nonparametric regression, curve/surface fitting, image processing, calibration

**Shen, Xiaotong**, Professor  
Ph.D., University of Chicago  
Likelihood methods, semi/nonparametric models, classification, applications in health engineering and health sciences

**Sudderth, William**, Professor  
Ph.D., University of California, Berkeley  
Probability theory, stochastic games, foundations of statistics

**Wang, Lan**, Assistant Professor  
Ph.D., Pennsylvania State University  
Model with large number of parameters, nonparametric ANCOVA, lack-of-fit test in nonparametric regression

**Weisberg, Sanford**, Professor  
Ph.D., Harvard University  
Regression and modeling, diagnostics, graphical methods, computing

**Yang, Yuhong**, Professor  
Ph.D., Yale University  
Bioinformatics, nonparametric function estimation and classification, regression with dependent errors

**Zou, Hui**, Assistant Professor  
Ph.D., Yale University  
Statistical methodology and its applications in biostatistics and bioinformatics

## Theatre Arts and Dance

**Bartl, Judy**, Associate Program Director and Director  
B.F.A., Guthrie Acting Program  
Acting

**Bellamy, Louis**, Associate Professor  
M.A., University of Minnesota  
Directing, acting

**Bernstein, David**, Associate Development Officer  
A.B., University of Rochester, New York  
Theatre critique

**Binder, Susan**, Lecturer  
M.F.A., Temple University  
Costume technology

**Brockman, C. Lance**, Professor  
M.S., Kansas State Teachers College  
Scene design, scene painting

**Cardamone, Steve**, Lecturer  
B.F.A., Guthrie Acting Program  
Acting

**Carlson, Elisa**, Teaching Specialist  
M.F.A., University of Wisconsin  
Voice and speech training

**Channer, Lisa**, Assistant Professor  
M.F.A., Yale University  
Directing

**Chatterjea, Ananya**, Associate Professor  
Ed.D., Temple University  
Dance history and theory

**Flink, Carl**, Associate Professor  
J.D., Stanford Law School  
Modern dance technique and dance composition

**Garcia, Cindy**, Assistant Professor  
Ph.D., University of California, Los Angeles  
Dance theory

**Grotting, Karla**, Teaching Specialist  
B.F.A., University of Minnesota  
Jazz dance technique and tap

**Gwinup, Martin**, Associate Professor  
M.F.A., Yale University  
Technical production, digital audio, computer control and visual systems

**Henry, Brent**, Associate Educational Specialist  
M.F.A., University of Arizona  
Design and technical production

**Holschue, Lucinda**, Lecturer  
M.F.A., University of California, San Diego  
Voice and speech training

**Kobialka, Michal**, Associate Professor  
Ph.D., City University of New York  
Theatre history/theory; medieval, avant-garde, postmodern theatre; historiography

**Kuftinec, Sonja**, Associate Professor  
Ph.D., Stanford University  
Theatre history, performance art and theory, American theatre

**Larasati, R. Diyah**, Assistant Professor  
Ph.D., University of California, Riverside  
Dance theory

**LeFebvre, Matthew**, Associate Professor  
M.F.A., University of Minnesota  
Costume design, drawing and rendering

**Maddux, Margaret L.**, Associate Professor  
M.A., Sarah Lawrence College  
Modern dance, choreography, ethnic and theory

**Mann, Paula**, Lecturer  
M.A., New York University  
Modern dance technique, improvisation and dance composition

**Mitchell, Kenneth**, Instructor  
B.F.A., Guthrie Acting Program  
Acting

**Montgomery, Jean**, Associate Professor  
M.F.A., University of Minnesota  
Lighting design, stage management

**Nash, Elizabeth**, Associate Professor  
Ph.D., Indiana University  
Voice, speech, singing

**Pierce-Sands, Toni**, Teaching Specialist  
Artistic director, TU Dance  
Modern dance technique and performance

**Smith, Joan Anne**, Associate Professor  
M.A., University of California, Los Angeles  
Modern dance technique and composition

**Sommers, Michael**, Teaching Specialist  
B.F.A., University of Wisconsin, Milwaukee  
Puppetry

**Taylor, Dominic**, Assistant Professor  
M.F.A., Brown University  
Directing

**Thompson, Erin**, Teaching Specialist  
Modern dance technique and Alexander technique

**Venard Dierks, Shirley**, Teaching Specialist  
B.A., University of Minnesota  
Career preparation for the actor

**Wagner-Henry, Sherry**, Teaching Specialist  
M.B.A., Illinois State University  
Theatre management

**Werry, Margaret**, Assistant Professor  
Ph.D., Northwestern University  
Theatre history and theory, drama and the media

## Faculty and Administration

**Mary Schmidt**, Development Officer and Major Gifts

**Steve Searl**, Development Officer and Major Gifts

## Faculty

### Accounting

**Beil, Frank**, Senior Lecturer  
A.B.D., Webster University

**Biondich, Nick**, Senior Lecturer  
M.S., University of North Dakota

**Caliendo, Charles**, Senior Lecturer  
M.B.A., University of Minnesota

**Carter, Gary**, Senior Lecturer  
Ph.D., University of Texas, Austin

**Dickhaut, John W.**, Professor and Curtis L. Carlson Chair in Accounting  
Ph.D., The Ohio State University  
Economic and psychological determinants of accounting phenomena

**Duke, Gordon L.**, Associate Professor  
Ph.D., University of Georgia  
Accounting systems, statistics, quantitative methods

**Gigler, Frank**, Associate Professor and Honeywell Professor in Accounting  
Ph.D., University of Minnesota  
Financial disclosure theory, industrial organization of audit markets

**§ Gutterman, Paul**, Senior Lecturer  
L.L.M. in Taxation, New York University

**Joyce, Edward J.**, Professor and Associate Dean  
Ph.D., University of Illinois  
Behavioral decision-making

**Kallio, Larry**, Senior Lecturer and Director of M.Acc.  
M.B.A., University of Minnesota Duluth

**Kanodia, Chandra**, Professor and Arthur Andersen & Co./Duane R. Kullberg Chair in Accounting and Information Systems  
Ph.D., Carnegie Mellon University  
Auditor liability and audit pricing

**Rayburn, Judy D.**, Professor and Department Chair  
Ph.D., University of Iowa  
Capital markets

**Shroff, Pervin**, Associate Professor  
Ph.D., Columbia University  
Capital market based accounting

**Tranter, Terry**, Senior Lecturer  
Ph.D., University of Washington

### Financial Accounting, Disclosure

**Deng, Ming**, Assistant Professor  
Ph.D., Columbia University  
Accounting, theoretical and empirical inquiry into accounting information affects on capital markets, performance measurement and incentive contract design

**Forester, Clayton**, Assistant Professor  
Ph.D., University of Iowa  
Accounting, market efficiency and its implications for financial accounting standard setting, equity valuation, earnings management, international accounting issues, goodwill impairment, auditor expertise, and independence and standard implementation

**Gao, Yu**, Assistant Professor  
Ph.D., University of Chicago  
Accounting, disclosure in capital markets, corporate transparency and governance, stock and bond market information flows, conflicts of interest between shareholders and debt holders, performance measurement and earnings management.

**Sellner, Mark**, Senior Lecturer  
J.D., University of Minnesota Law School; L.L.M., Georgetown University  
Executive education, mergers and acquisitions

**White, Paul**, Senior Lecturer  
B.S.B., University of Wisconsin, Eau Claire

**Zhang, Ivy**, Assistant Professor  
A.B.D., University of Rochester  
Financial Accounting

### Business Law

**Andrews, Albert, Jr.**, Senior Lecturer  
L.L.B., University of Minnesota

**Issaevitch, Tom**, Assistant Professor  
Ph.D., Columbia University; Ph.D., University of Illinois  
Incentives in financial reporting and managerial accounting

### Finance

**Alexander, Gordon J.**, Professor, Department Chair, and John Spooner Chair in Investment Management  
Ph.D., University of Michigan  
Investments, portfolio theory and management

**Aggarwal, Rajesh**, Associate Professor  
Ph.D., Harvard  
Corporate finance, economics of organizations, optimal capital structure, executive compensation

**Bazdresh, Santiago**, Assistant Professor  
Ph.D., Yale University  
Economics, sales growth, investment equity and debt issuance

**Belo, Frederico**, Assistant Professor  
Ph.D., University of Chicago  
Economics, empirical and theoretical asset pricing

**Boyd, John H.**, Professor and Frederick R. Kappel Chair in Business and Government Relations  
Ph.D., University of Pennsylvania  
Finance and development, financial intermediation, banking, contract theory

**Chutikamoltham, Siri**, Senior Lecturer  
**Frank, Murray**, Professor, Piper Jaffrey Chair in Finance  
Ph.D., Queens University  
Corporate finance

**Gahlon, James**, Senior Lecturer  
Ph.D., University of Illinois

**Goldstein, Robert**, Associate Professor  
Ph.D., University of California, Berkeley  
Term structure of interest rates, credit risk, capital structure theory, general equilibrium

**Graveline, Jeremy**, Assistant Professor  
Ph.D., Stanford University  
Business administration (finance), exchange rate volatility and the forward premium anomaly

**Legg, Tom**, Senior Lecturer  
Ph.D., University of Minnesota  
Applied economics, corporate finance, business valuation, economic development

**Meschke, Felix**, Assistant Professor  
A.B.D., Arizona State University  
Corporate finance, corporate governance, mutual funds, international finance

**Nantell, Timothy J.**, Professor  
Ph.D., University of Wisconsin  
Corporate finance, corporate restructuring

**Nelson, Richard**, Senior Lecturer  
M.B.A., University of Minnesota

**Parente, Stephen**, Associate Professor  
Ph.D., Johns Hopkins University  
Managed care, health information technology, health economics

**Povel, Paul**, Associate Professor  
Ph.D., London School of Economics  
Financial contracting, corporate finance, corporate restructuring

**Singh, Rajdeep**, Associate Professor and Minnesota Banking and Finance Term Professor  
Ph.D., Carnegie Mellon University  
Corporate finance, auction theory, agency models, mergers and acquisitions, market microstructure

**Wang, Tracy Yue**, Assistant Professor  
Ph.D., University of Maryland, College Park  
Corporate finance, corporate governance, behavioral finance

**Winton, Andrew**, Professor and Minnesota Banking Chair  
Ph.D., Wharton School, University of Pennsylvania  
Financial contracting, corporate finance

### Human Resources and Industrial Relations

**Azevedo, Ross E.**, Associate Professor  
Ph.D., Cornell University  
Compensation systems, human resource planning and skills inventories

**Ben-Ner, Avner**, Professor and Department Chair  
Ph.D., State University of New York, Stony Brook  
Theory of organization, employee ownership, nonprofit organizations

**Benraouane, Sid**, Senior Lecturer  
Ph.D., University of Minnesota

**Bono, Joyce**, Associate Professor  
Ph.D., University of Iowa  
Business administration/organizational behavior, worker health initiative, linking business leaders to their communities

**§ Budd, John**, Professor and Industrial Relations Land-Grant Professor  
Ph.D., Princeton University  
Collective bargaining and industrial relations, labor policy

**Duffy, Michelle**, Associate Professor  
Ph.D., University of Arkansas  
Organizational behavior/human resource management, workplace antisocial behavior, employee's stress and wellbeing effects

**§ Fossum, John A.**, Professor  
Ph.D., Michigan State University  
Compensation

**Glomb, Theresa**, Associate Professor  
Ph.D., University of Illinois  
Workplace aggression and violence, sexual harassment

**Leslie, Lisa**, Assistant Professor  
Ph.D., University of Maryland  
Organizational psychology, diversity in organizations, cross-cultural management, conflict and decision making

**Manchester, Colleen**, Assistant Professor  
Ph.D., Stanford University  
Economics, labor and personnel economics, public finance, econometrics

**Remington, John**, Professor  
Ph.D., University of Michigan  
Collective bargaining and industrial relations, labor arbitration

**Scoville, James G.**, Professor  
Ph.D., Harvard University  
International and comparative industrial relations

**Shaw, Jason**, Associate Professor  
Ph.D., University of Arkansas  
Organizational behavior, workforce voluntary and involuntary turnover, compensation systems and workforce performance

**Wanberg, Connie**, Professor, Department Chair, and Curtis L. Carlson Professor of Industrial Relations  
Ph.D., Iowa State University  
Psychological experience of unemployment, job-seeking behavior

**Wang, Yijiang**, Professor  
Ph.D., Harvard University  
Organization theory, theory of the firm, monetary economics

**Welsh, Liz**, Senior Lecturer  
Ph.D., University of Minnesota  
Human resources and industrial relations, predictors of mentoring, executive compensation and employee attitudes

**Zaidi, Mahmood A.**, Professor  
Ph.D., University of California, Berkeley  
International labor market analysis, human capital and multinationals

### Information and Decision Sciences (IDS)

**Adams, Carl R.**, Professor  
Ph.D., Purdue University  
Problem-solving methodology

**Adomavicius, Gediminas**, Assistant Professor  
Ph.D., New York University  
Personalization technologies and customer relationship management, knowledge discovery and data mining

**Chervany, Norman L.**, Professor  
Ph.D., Indiana University  
Management of technology-based change

**Curley, Shawn P.**, Professor  
Ph.D., University of Michigan  
Decision and judgment processes, belief processing

**Gupta, Alok**, Professor and Department Chair  
Ph.D., University of Texas  
Electronic commerce, data communication

**Johnson, Paul E.**, Professor and Curtis L. Carlson Chair in Decision Sciences  
Ph.D., Johns Hopkins University  
Decision making, intelligent systems, knowledge work

**Olson, Timothy**, Senior Lecturer  
M.B.A., University of Minnesota

**Ray, Gautam**, Assistant Professor  
Ph.D., Carnegie Mellon University  
Organization science, information technology management

**Ren, Yuqing**, Assistant Professor  
Ph.D., Carnegie Mellon University  
Organization science, knowledge management, virtual communities and communication distributed collaboration

**Riggins, Frederick J.**, Assistant Professor  
Ph.D., Carnegie Mellon University  
Business models for internet-based commerce, e-business strategy

**Subramani, Mani**, Associate Professor  
D.B.A., Boston University  
Management of effective IS-user relationships, determinants of governance in IT mediated inter-organizational relationships

## Marketing and Logistics Management

**Ahluwalia, Rohini**, Associate Professor  
Ph.D., The Ohio State University  
Consumer processing of negative and counter-attitudinal information in the marketplace, branding/information processing perspective

**§ Bergen, Mark**, Professor, Department Chair, and Carolyn I. Anderson Professor in Business Education Excellence  
Ph.D., University of Minnesota  
Channels of distribution, pricing

**Chandy, Rajesh**, Professor  
Ph.D., University of Southern California  
Radical innovation, technology management

**Cui, Tony**, Assistant Professor  
Ph.D., University of Pennsylvania  
Behavioral economics, pricing, trade promotions, competitive strategies with limited supply, game theory

**Ebert, Jane**, Assistant Professor  
Ph.D., Harvard University  
Consumer behavior, information processing

**Houston, Michael J.**, Professor, Associate Dean, and Ecolab-Grievance Chair in International Marketing  
Ph.D., University of Illinois  
Consumer behavior and culture, international marketing

**John, Deborah Roedder**, Professor and Curtis L. Carlson Chair in Marketing  
Ph.D., Northwestern University  
Children's consumer behavior, consumer information processing

**John, George**, Professor and Pillsbury/Gerot Chair in Marketing  
Ph.D., Northwestern University  
Marketing channels, industrial marketing, high technology markets

**Loken, Barbara J.**, Professor  
Ph.D., University of Illinois  
Consumer behavior: brand equity, attitude measurement, categorization

**Malkoc, Selin**, Assistant Professor  
Ph.D., University of Northern Carolina at Chapel Hill  
Marketing, judgment and decision making, inter-temporal choices, processing of aesthetic cues

**Meyers-Levy, Joan**, Professor  
Ph.D., Northwestern University  
Consumer information processing and psychology, gender differences in information processing

**Mueller, Wayne**, Senior Lecturer  
M.B.A., University of Saint Thomas

**Mukherji, Prokriti**, Assistant Professor  
Ph.D., University of Southern California  
Structured econometric modeling with emphasis on models of quality learning

**Narasimhan, Om**, Associate Professor  
Ph.D., University of Southern California  
Marketing, competition, pharmaceuticals, pricing, channels and distribution

**Rao, Akshay**, Professor, General Mills Professor of Marketing  
Ph.D., Virginia Polytechnic Institute and State University  
Pricing

**§ Roering, Kenneth J.**, Professor  
Ph.D., University of Iowa  
Marketing planning and corporate strategy, market-driven new product development

**Ruekert, Robert W.**, Professor and Associate Dean  
Ph.D., University of Wisconsin  
Marketing strategy, marketing organization and implementation

**Torelli, Carlos**, Assistant Professor  
Ph.D., University of Illinois  
Business administration/marketing, cross-cultural consumer behavior

**Upton, Kevin**, Senior Lecturer  
Ph.D., University of Minnesota

**Vohs, Kathleen**, Assistant Professor  
Ph.D., Dartmouth College  
Consumer psychology, operations and management science

## Operations and Management Science (OMS)

**Anderson, John C.**, Professor  
Ph.D., University of Minnesota  
Quality management, operations strategy, operations analysis

**Donohue, Karen**, Associate Professor  
Ph.D., Northwestern University  
Supply chain management, design and analysis of manufacturing systems

**Hill, Arthur V.**, Professor, John and Nancy Lindahl Professorship for Excellence in Business Education  
Ph.D., Purdue University  
Operations management, production and inventory management, international operations management

**Huchendorf, Steve**, Senior Lecturer  
Ph.D., Illinois State University

**Li, William**, Associate Professor  
Ph.D., University of Waterloo  
Experimental design, optimal design, robust design

**Linderman, Kevin**, Associate Professor  
Ph.D., Case Western Reserve University  
Statistical quality control, quality management, manufacturing planning and control systems, six sigma

**Meyer Goldstein, Susan**, Associate Professor  
Ph.D., The Ohio State University  
Quality management in health care, service process management, operations strategy

**Nachtsheim, Christopher J.**, Professor, Department Chair, and Curtis L. Carlson Professor of Operations and Management Science  
Ph.D., University of Minnesota  
Experimental design, regression and analysis of variance

**Rungtusanatham, Johnny**, Associate Professor  
Ph.D., University of Minnesota  
Business administration, quality, total quality management, performance, and supply chain management

**\* Schroeder, Roger G.**, Professor, Frank A. Donaldson Chair in Operations Management  
Ph.D., Northwestern University  
Operations strategy, quality management, process and product innovation

**Sinha, Kingshuk**, Professor and Curtis L. Carlson Family Foundation Professor of Management Science  
Ph.D., University of Texas, Austin  
Management of technology, operations strategy

**Shah, Rachna**, Assistant Professor  
Ph.D., The Ohio State University  
Lean manufacturing systems, supply chain management

## Strategic Management and Organization

**Abrams, Lori**, Senior Lecturer  
Ph.D., University of Minnesota

**Albert, Stuart**, Associate Professor  
Ph.D., The Ohio State University  
Organizational change, metaphor and organizational change

**Bowie, Norman E.**, Professor and Elmer Andersen Chair in Corporate Responsibility  
Ph.D., University of Rochester, New York  
Corporate responsibility, international business ethics, leadership

**DeVaughn, Michael**, Assistant Professor  
Ph.D., University of Wisconsin, Madison  
Organizational learning

**Erickson, W. Bruce**, Professor  
Ph.D., Michigan State University  
Antitrust economics, venture capital, Minnesota small businesses

**Fine, Alan**, Senior Lecturer  
M.B.A. University of Minnesota  
Management information systems, entrepreneurship

**Forbes, Daniel**, Assistant Professor  
Ph.D., New York University  
Strategic decision making, venture creation in internet-related industries

**Fox, Isaac**, Senior Lecturer  
Ph.D., University of Minnesota

**Leroy, Sophie**, Assistant Professor  
Ph.D., New York University Stern School of Business  
Management and organizational behavior, managerial psychology and managing people and organizations

**Lifschitz, Arik**, Assistant Professor  
Ph.D., Columbia  
Management, social networks, inter-organizational relationships, organizational learning

**Littlefield, Holly**, Senior Lecturer  
Ph.D., University of Minnesota  
Business communications, inter-cultural communications

**Madzar, Svtjetlana**, Senior Lecturer  
Ph.D.,  
Organizational behavior and human resources development, international strategy and organization, management of groups

**Maitland, Ian**, Professor  
Ph.D., Columbia University  
Business ethics, ethics and markets, international business

**Marcus, Alfred A.**, Professor  
Ph.D., Harvard University  
Acquisition of competence and organizational learning

**Murtha, Thomas**, Associate Professor  
Ph.D., New York University  
Global sourcing strategy and management, industrial policy

**Nichols, Mary L.**, Professor  
Ph.D., University of Kansas  
Individual and organizational decision making, organizational design

**Rao, Dileep**, Senior Lecturer  
Ph.D., University of Minnesota

**Sapienza, Harry**, Professor and Curtis L. Carlson Chair in Entrepreneurial Studies  
Ph.D., University of Maryland  
Inter-organizational relationships, strategic decision making

**Shah, Priti P.**, Associate Professor  
Ph.D., Northwestern University  
Social networks, group goal setting, negotiation

**Shaver, J. Myles**, Professor, Department Chair, and Carlson School Professor of Strategic Management and Organization  
Ph.D., University of Michigan  
Firm exporting strategies, investment location choice

**Spruth, Steve**, Senior Lecturer  
M.B.A., Yale School of Management

**Syverson, Joann**, Senior Lecturer  
M.A., Northern Illinois University  
Communications, business communications

**Toh, P. K.**, Assistant Professor  
Ph.D., University of Michigan Ross School of Business  
Strategic Management

**Vaaler, Paul**, Associate Professor  
Ph.D., University of Minnesota  
Strategic management and organization, international environment of firms, and integrative leadership

**Van de Ven, Andrew H.**, Professor and Vernon H. Heath Chair of Organizational Innovation and Change  
Ph.D., University of Wisconsin  
Organization and management theory, management of innovation and change

**Vasudeva, Gurneeta**, Assistant Professor  
Ph.D., George Washington University  
Business administration, strategic management and public policy

**Zaheer, Aks**, Professor and Curtis L. Carlson Professor of Strategic Management and Organization  
Ph.D., Massachusetts Institute of Technology  
Competitive advantage for inter-firm relationships

**Zaheer, Srilata**, Professor, Associate Dean, and Curtis L. Carlson Professor of Strategic Management and Organization  
Ph.D., Massachusetts Institute of Technology  
Dynamic competitive advantage, the process of globalization

**Zahra, Shaker**, Professor and Robert E. Buuck Chair in Entrepreneurship  
Ph.D., University of Mississippi  
Corporate entrepreneurship, internationalization of entrepreneurial firms, learning/dynamic capability development in technology-based new firms

**Zellmer-Bruhn, Mary**, Associate Professor  
Ph.D., University of Wisconsin  
Class cultural issues in teamwork, time related effects in organizational behavior

## Office of the Dean

**Conner, Robert**, Associate Professor  
Ph.D., Wharton School, University of Pennsylvania  
Market structure and access to service in the health sector

**Whitman, Andrew**, Professor  
Ph.D., University of Wisconsin, Madison  
Insurance law, coverage, and claims; corporate risk management

# Mortuary Science

## Administration

**Michael P. LuBrant**, Director

**Kathy Nolan**, Student Services Specialist, Administrative Support

## Faculty

**Christensen, Stephanie L.**, Teaching Specialist  
M.B.A., University of St. Thomas  
Business management

**LaCourt, Jody**, Instructor  
B.S., University of Minnesota  
Embalming, restorative art

**LuBrant, Michael P.**, Assistant Professor and Director  
M.A., St. Bernard's Institute  
Clinical education, funeral practice

**Mathews, Michael C.**, Assistant Professor  
M.A., University of St. Thomas  
History, embalming chemistry, microbiology, funeral practice, pathology

**McArthur, Angela**, Instructor  
B.S., University of Minnesota  
Human anatomy

**Meslow, Douglas B.**  
J.D., University of Minnesota  
Business and funeral service law

**Roach Thomas, Gloria**, Teaching Specialist  
M.Ed., Winthrop University  
Cultural diversity, religion

**Swarthout, David B.**, Assistant Professor  
Psy.D., University of St. Thomas  
Grief psychology, counseling

# Nursing Administration

**Connie W. Delaney**, Ph.D., R.N., Dean

**Ann Garwick**, Ph.D., R.N., Interim Associate Dean for Research and Scholarship

**Kathleen Krichbaum**, Ph.D., R.N., Interim Associate Dean for Academic Programs

**Christine Mueller**, Ph.D., R.N., Chair, Adult and Gerontological Health

**Melissa Avery**, Ph.D., Chair, R.N., Child and Family Health

**Linda Halcón**, Ph.D., Chair, R.N., Integrative, Global and Public Health

**Margaret Moss**, Ph.D., J.D., R.N., Chair, Leadership, Systems, Informatics, and Policy

**Mary Rowan**, Ph.D., R.N., Director, Prelicensure Programs

**Elaine Darst**, Ph.D., R.N., Codirector of Baccalaureate Nursing Program

**Sandra Edwardson**, Ph.D., R.N., Director of Doctorate in Nursing Practice Program

**Linda Lindeke**, Ph.D., R.N., Director of Graduate Studies

**Kim Zemke**, M.S., R.N., Director of Faculty Practice

# Faculty

**Adwan, Jehad**, Clinical Assistant Professor  
M.S., University of Minnesota  
Child and family health

**Avery, Melissa**, Associate Professor  
Ph.D., C.N.M., University of Minnesota  
Exercise in pregnancy, exercise and gestational diabetes; technology-enhanced learning

**Bata-Jones, Bonnie**, Clinical Assistant Professor  
M.S., F.N.P., University of North Dakota, Grand Forks  
Diabetes education

**Bearinger, Linda**, Professor  
Ph.D., University of Minnesota  
Multiethnic issues in adolescent health

**Benbenek, Mary**, Clinical Assistant Professor  
M.S., F.N.P., P.N.P., University of Minnesota  
Primary care, pharmacology, pediatrics

**Bernat, Debra**, Clinical Associate Professor  
Ph.D., University of Minnesota  
Adolescent health, alcohol and tobacco use, public health policy, evaluation research

**\* Bliss, Donna**, Professor  
Ph.D., University of Pennsylvania  
Managing fecal incontinence with dietary fiber

**Carney Anderson, Lisa**, Lecturer  
Ph.D., University of Minnesota  
Anesthesia management for Parkinson's patients

**Chlan, Linda L.**, Associate Professor  
Ph.D., University of Minnesota  
Outcomes and effectiveness of nursing interventions

**Clancy, Thomas**, Clinical Professor  
Ph.D., The University of Iowa  
Nursing administration, complexity, informatics

**Daniels, Jessie**, Clinical Assistant Professor  
M.A., University of Iowa  
Medical surgical nursing

**Darst, Elaine**, Clinical Associate Professor  
Ph.D., University of Missouri-Kansas City  
Women and substance abuse, depression, psychiatric health

**Dean, Patrick**, Clinical Assistant Professor  
M.S., Winona State University  
Tobacco cessation among youth, human caring

**Delaney, Connie**, Professor and Dean  
Ph.D., University of Iowa  
Health informatics; knowledge discovery; predictive modeling

**Disch, Joanne**, Clinical Professor  
Ph.D., University of Michigan  
Nursing leadership and management

**\* Duckett, Laura**, Associate Professor  
Ph.D., University of Minnesota  
Breastfeeding behaviors, parent-infant attachment

**Dunlap, Karen**, Clinical Assistant Professor  
M.S.N., University of Cincinnati  
Nursing leadership, interprofessional education, quality improvement

**Edwardson, Sandra**, Professor  
Ph.D., University of Minnesota  
Administrative and health care policy issues related to outcomes

**Fagerlund, Kathy**, Clinical Assistant Professor  
Ph.D., C.R.N.A.  
Nurse anesthesia, anesthesia and Parkinson's disease

**Findorff, Mary**, Clinical Assistant Professor  
Ph.D., University of Minnesota  
Public health, exercise behavior in older women

**Fjone, Andra**, Clinical Assistant Professor  
M.N., University of Washington  
Child and family health

**Flaten, Carol**, Clinical Assistant Professor  
M.S., University of Minnesota  
Public health

**Friedrich, Cheri**, Clinical Assistant Professor  
M.S., P.N.P., University of Minnesota  
Child and family health, pediatric asthma care

**Fulkerson, Jayne**, Associate Professor  
Ph.D., University of Minnesota  
Risk and protective factors in the development of eating disorders, obesity, substance use, mental health among children and adolescents

**Garcia, Carolyn**, Assistant Professor  
Ph.D., University of Minnesota  
Stress and coping in Latino adolescents, accessing culturally meaningful health care services

**Garwick, Ann**, Professor  
Ph.D., University of Minnesota  
Family health and care-giving, family stress and coping

**Gaugler Joseph**, Assistant Professor  
Ph.D., Pennsylvania State University  
Longitudinal implications of family care for chronically disabled adults

**Goering, Mary**, Clinical Assistant Professor  
M.S., University of Minnesota  
Adult health

**Gross, Cynthia**, Professor  
Ph.D., Yale University  
Quality of life after transplantation

**Gustafson, Marilyn R.**, Associate Professor Emeritus  
Ph.D., Walden University  
Education, international nursing

**Halcón, Linda**, Associate Professor  
Ph.D., University of Minnesota  
Complementary therapies and infectious diseases

**Hansen, Helen**, Associate Professor  
Ph.D., University of Kansas, Lawrence  
Leadership, collaboration, and systems management

**Henly, Susan J.**, Professor  
Ph.D., University of Minnesota  
Psychometric methods for health sciences research

**Herrick, Linda**, Clinical Associate Professor  
Ph.D., University of Minnesota  
Postoperative pain management, patient satisfaction, nursing management, research utilization

**Jacko, Julie**, Professor  
Ph.D., Purdue University  
Human computer interface, electronic information technologies

**Josten, LaVohn**, Associate Professor Emeritus  
Ph.D., University of Minnesota  
Effectiveness of interventions with high-risk families

**Juve, Cathy**, Clinical Assistant Professor  
Ph.D., C.N.P., University of Minnesota  
Substance abuse in pregnancy

**§ Kaas, Merrie**, Associate Professor  
D.N.Sc., University of California, San Francisco  
Nursing interventions: women with late life depression

**Kerr, Madeline**, Associate Professor  
Ph.D., University of Michigan  
Preventing occupational hearing loss

**Kessler, Penny**, Clinical Assistant Professor  
M.N., Louisiana State University  
Adult health

**Kraft, Linda**, Clinical Instructor  
M.S., Northern Illinois University  
Perinatal nursing, birthing center design

**Kreitzer, Mary Jo**, Professor  
Ph.D., University of Minnesota  
Prayer/spirituality for MS and transplant patients

**Krichbaum, Kathleen**, Associate Professor  
Ph.D., University of Minnesota  
Developing healthy self-care abilities in elders

**Kubik, Marti**, Assistant Professor  
Ph.D., University of Minnesota  
School and community-based intervention research

**Larson, Karin**, Clinical Assistant Professor  
M.S., C.N.M., University of Utah  
Depression in pregnancy

**Leonard, Barbara**, Professor  
Ph.D., University of Minnesota  
Children and adolescents with type I diabetes

**Liaschenko, Joan**, Associate Professor  
Ph.D., University of California, San Francisco  
Nursing ethics, study of nursing practice

**Lichtblau, Len**, Clinical Associate Professor  
Ph.D., University of Minnesota  
Pharmacology

**Lindeke, Linda**, Associate Professor  
Ph.D., C.N.P., University of Minnesota  
Health care issues of children and families

**§ Lindquist, Ruth**, Professor  
Ph.D., A.P.R.N., University of Minnesota  
Quality of life and adjustment to cardiovascular and neurological diseases, behavior change adherence

**Looman, Wendy**, Assistant Professor  
Ph.D., C.N.P., University of Michigan  
Social capital, family-community interactions: special needs children

**Monsen, Karen**, Assistant Professor  
Ph.D., University of Minnesota  
Public health, home health, informatics

**Moss, Margaret**, Associate Professor  
D.S.N., University of Texas, Houston; J.D., Hamline University  
Making medical anthropology clinically relevant for urban and reservation-based American Indians

**Mueller, Christine**, Associate Professor  
Ph.D., University of Maryland, Baltimore  
Quality of care in nursing homes

**Nygaard, Georgia**, Clinical Assistant Professor  
M.A., A.N.P., College of St. Catherine, St. Paul  
Primary care of adults

**O'Boyle, Carol**, Associate Professor  
Ph.D., University of Minnesota  
International health, nursing theory, infectious disease, infection control, nursing leadership

**O'Connor-Von, Susan**, Assistant Professor  
D.N.Sc., Rush University  
Pediatric pain, nonpharmacologic interventions, child stress, and coping

**Olson-Keller, Linda**, Clinical Associate Professor  
D.N.P., A.P.R.N., University of Minnesota  
Public health nursing policy and partnerships

**§ Peden-McAlpine, Cynthia**, Associate Professor  
Ph.D., Adelphi University  
Hermeneutic and phenomenological methods

**Plumbo, Margaret**, Instructor  
M.S., C.N.M., University of Minnesota  
Nurse midwifery, women's health, depression and the family

**Poe, Christine**, Clinical Assistant Professor  
M.P.H., P.N.P., University of Minnesota  
Pediatric nursing

**Pung, Laurie**, Clinical Assistant Professor  
D.N.P., F.N.P., University of Minnesota  
Women's health

**Ringdahl, Deborah**, Clinical Assistant Professor  
M.S., C.N.M., University of Minnesota  
Nurse midwifery

**Robertson, Cheryl**, Assistant Professor  
Ph.D., University of Minnesota  
Refugee health, war trauma, and torture

**§ Rowan, Mary**, Clinical Professor  
Ph.D., C.N.M., University of Minnesota  
Maternal-child health/childbearing families

**Schadewald, Diane**, Clinical Assistant Professor  
M.S.N., W.H.N.P., F.N.P., University of North Carolina, Chapel Hill  
Child and family health, prenatal maternal stress

**Sieving, Renee**, Associate Professor  
Ph.D., University of Minnesota  
Youth-health promotion

**Snyder, Mariah**, Professor Emeritus  
Ph.D., University of Minnesota  
Nursing interventions, identification, and determining efficacy

**Steffes, Mary**, Clinical Assistant Professor  
M.S., University of Minnesota  
Adult health, critical care

**Treat-Jacobson, Diane**, Assistant Professor  
Ph.D., University of Minnesota  
Outcomes of exercise training in patients with claudication from peripheral arterial disease (PAD)

**Urueta, Romana**, Assistant Professor Emeritus  
M.S., University of California, Los Angeles  
Pediatric nursing

**Weisensee, Mary G.**, Assistant Professor Emeritus  
Ph.D., Michigan State University  
Caregivers' perceptions

**Westra, Bonnie**, Assistant Professor  
Ph.D., University of Wisconsin, Milwaukee  
Informatics, business process improvement, systems analysis, quality improvement, public policy, health policy

**Wyman, Jean**, Professor  
Ph.D., G.N.P., G.C.N.S., University of Washington  
Urinary incontinence, outcomes, and measurement

**Yu, Fang**, Assistant Professor  
Ph.D., University of Pennsylvania  
Improving cognition and function in older adults with Alzheimer's disease through aerobic exercise.

**Zaccagnini, Mary**, Clinical Assistant Professor  
D.N.P., C.N.S., University of Minnesota  
Adult and gerontology health

**Zemke, Kimberly**, Clinical Assistant Professor  
M.A., Concordia University, St. Paul  
Nurse practitioner models, clinical utilization, clinical systems development and redesign

## Institute of Technology Administration

**Steven Crouch**, Professor and Dean

**Wayne Gladfelter**, Interim Associate Dean, Academic Affairs

**Mos Kaveh**, Associate Dean, Research and Planning

**Paul Strykowski**, Associate Dean, Student Services

**Kim Dockter**, Director, Development

**Shelly Gehrke**, Director, Academic Advising

**Anne Hornickel**, Interim Director, Office of Diversity and Outreach

**Susan Kubitschek**, Director, Student Programs

**Mark Sorenson-Wagner**, Director, Career Center for Science and Engineering

**Liz Stadther**, Coordinator, Alumni Relations

**Karen Wolterstorff**, Chief of Staff

**Rhonda Zurn**, Director, Communications

## Faculty

In the following list, P.E. designates licensure as a professional engineer in Minnesota, unless otherwise indicated.

### Aerospace Engineering and Mechanics

**Balas, Gary J.**, Distinguished McKnight University Professor  
Ph.D., California Institute of Technology  
Aerospace control systems; non-linear control theory, robust control theory and experiments

**§ Beavers, Gordon S.**, Professor Emeritus  
Ph.D., Cambridge University  
Experimental fluid mechanics, rheological fluid mechanics

**Borrelli, Francesco**, Adjunct Assistant Professor  
Ph.D., Swiss Federal Institute of Technology, ETH-Zurich, Switzerland  
Model predictive control, distributed and robust constrained control, automotive control systems, manufacturing control systems

**Candler, Graham V.**, Distinguished McKnight University Professor  
Ph.D., Stanford University  
Hypersonic aerodynamics, computational fluid dynamics, high-temperature gas physics thermochemical non-equilibrium flows

**Elliott, Ryan**, Assistant Professor  
Ph.D., University of Michigan  
Martensitic phase transformations, shape memory alloys, atomistic materials simulation, stability and bifurcation.

**Enns, Dale F.**, Adjunct Associate Professor  
Ph.D., Stanford University  
Controls, dynamics, aeroelasticity, flight mechanics, dynamical systems

**Ericksen, Jerry L.**, Professor Emeritus  
Ph.D., Indiana University  
Nonlinear continuum theories, behavior of real materials, crystals and liquid crystals

**Fosdick, Roger L.**, Professor  
Ph.D., Brown University  
Thermodynamics continuum mechanics, non-linear material behavior applied mathematics

**Garrard, William L.**, Professor and Director, Minnesota Space Grant Consortium  
Ph.D., University of Texas, Austin  
Dynamics and control of aerospace vehicles, stability and control of nonlinear systems, control of gas turbines, parachute dynamics

**Gebre-Egziabher, Demoz, P.E.**, Assistant Professor,  
Ph.D., Stanford University  
Sensor fusion, design of multi-sensor systems for navigation, guidance and control of aerospace vehicles, GPS, inertial navigation, GPS-based precision landing systems

**Hammer, Jeff, P.E.**, Industrial Professor of Design  
B.A.E., University of Minnesota  
Systems engineering, design analysis by simulation and experimental means, extensive industrial experience in systems simulation, control, design, and marketing

**Hsiao, C. C.**, Professor Emeritus  
Ph.D., Massachusetts Institute of Technology  
Polymer mechanics, composite materials

**James, Richard D.**, Russell J. Penrose Professor and Distinguished McKnight University Professor  
Ph.D., Johns Hopkins University  
Thermodynamics of solids, phase transformations, micromagnetics, active materials, especially shape memory materials, multiscale mathematical methods

**Joseph, Daniel D.**, Regents Professor Emeritus  
Ph.D., Illinois Institute of Technology  
Two phase flow, rheology, fluid mechanics, stability bifurcation

**Ketema, Yohannes**, Associate Professor  
Ph.D., Royal Institute of Technology, Sweden  
Dynamics: stability and control of formations, astrodynamics

**Leo, Perry H.**, Professor  
Ph.D., Carnegie Mellon University  
Phase transformations, micromechanics of defects in solids, biological materials, composite materials

**Longmire, Ellen K.**, Professor  
Ph.D., Stanford University  
Experimental fluid mechanics, particle-laden and multiphase flow, turbulence, vortex dynamics microscale flows

**Lundgren, Thomas S.**, Professor Emeritus  
Ph.D., University of Minnesota  
Fluid mechanics, turbulence, rotating flows and numerical analysis, composite fluids (multiphase flows)

**Mahesh, Krishnan**, Associate Professor  
Ph.D., Stanford University  
Numerical simulation and modeling of fluid flows

**Marusic, Ivan**, Adjunct Professor  
Ph.D. University of Melbourne, Australia  
Experimental fluid mechanics, turbulence, aerodynamics

**Mettler, Bernard**, Assistant Professor  
Ph.D., Carnegie Mellon University  
Autonomous guidance and control, trajectory planning, automated maneuvering, environment and task representation, system identification modeling

**Plunkett, Robert**, Professor Emeritus  
Sc.D., Massachusetts Institute of Technology  
Structural dynamics, fluid-solid interaction, composite materials, vibrational control

**Schwartztruber, Thomas E.**, Assistant Professor  
Ph.D., University of Michigan  
Particle simulation methods, hypersonics, hybrid particle-continuum methods

**Shield, Thomas W.**, Professor  
Ph.D., University of California, Berkeley  
Experimental solid mechanics, mechanics of materials, elasticity, single crystal plasticity, shape-memory and magnetostriuctive materials, fracture mechanics

**Stolarik, Eugene**, Professor Emeritus  
M.A., M.S., University of Minnesota  
Flight mechanics of aircraft and reentry vehicles, V/STOL aerodynamics

**Tadmor, Ellad**, Professor  
Ph.D., Brown University  
Multiscale modeling of solids, continuum/atomistic computations, Quasicontinuum (QC) Method

**Warner, William H.**, Professor Emeritus  
Ph.D., Carnegie Institute of Technology  
Optimal design, thick plate and shell problems

**Wilson, Theodore A.**, Professor Emeritus  
Ph.D., Cornell University  
Respiratory mechanics: lung structure and deformation, respiratory flow, chest wall mechanics

**§ Zhao, Yiyuan**, Professor  
Ph.D., Stanford University  
Guidance/control, optimization, dynamics, air-traffic management, rotocraft flight trajectories

### Astronomy

**Davidson, Kris**, Professor  
Ph.D., Cornell University  
Theoretical astrophysics, luminous stars, primordial element abundances

**§ Gehrz, Robert**, Professor and Director, Mt. Lemmon and O'Brien Observatories  
Ph.D., University of Minnesota  
Infrared astronomy, novae, comets

**§ Humphreys, Roberta**, Professor and Director of Undergraduate Studies Ph.D., University of Michigan  
Luminous stars, stellar evolution, optical spectroscopy, galactic structure

\***§ Jones, Terry**, Professor and Assistant Director, Mt. Lemmon and O'Brien Observatories Ph.D., University of Hawaii  
Infrared astronomy, late type stars, polarimetry

**Jones, Thomas**, Professor Ph.D., University of Minnesota  
Computational astrophysics, cosmic ray production, supernovae remnants, shocks

\***§ Rudnick, Lawrence**, Professor Ph.D., Princeton University  
Galactic and extragalactic radio astronomy, supernova remnants

**§ Skillman, Evan**, Professor Ph.D., University of Washington  
Extragalactic observational astronomy, cosmic elemental abundances, dwarf galaxies

**Williams, Liliya**, Associate Professor Ph.D., University of Washington  
Cosmology, gravitational lensing

**Woodward, Charles**, Professor and Assistant Director, Mt. Lemmon and O'Brien Observatories Ph.D., University of Rochester, New York  
Infrared astronomy, novae, comets

**Woodward, Paul**, Professor and Director of Laboratory for Computational Science and Engineering Ph.D., University of California, Berkeley  
Computational astrophysics, numerical techniques

## Bioproducts and Biosystems Engineering

**Bhattacharya, Mrinal**, Professor Ph.D., University of Nebraska  
Biodegradable polymers, biomaterials, tissue engineering, biosensors

**Boedicker, James**, Adjunct Associate Professor Ph.D., North Carolina State University  
Machinery systems, machine safety, livestock environment

**Bowyer, James L.**, Professor Ph.D., University of Minnesota  
Applied wood science, life cycle analysis, environmental and forest policy

**Bratkovich, Stephen M.**, Adjunct Associate Professor Ph.D., Ohio State University  
Extension education

**Chaplin, Jonathan, P.E.**, Associate Professor Ph.D., Iowa State University  
Engineering safety, machinery systems design, instrumentation and control, energy systems

**Clanton, Charles, P.E.**, Professor Ph.D., University of Minnesota  
Manure management: water and air quality, odor, manure storage, land application, and nutrient management

**Erickson, Robert W.**, Professor Emeritus Ph.D., University of Minnesota  
Wood physics and moisture relations

**Gertjeansen, Roland O.**, Professor Emeritus Ph.D., University of Minnesota  
Fiber and particle products technology

**Goodrich, Philip, P.E.**, Associate Professor Ph.D., Purdue University  
Biomass renewable energy systems, odor control

**Grimsrud, David T.**, Professor Emeritus Ph.D., University of Minnesota  
Indoor air quality and building energy efficiency

**Hendricks, Lewis T.**, Professor Emeritus Ph.D., Michigan State University  
Energy efficient buildings

**Huelman, Patrick**, Associate Professor and Extension Educator M.S., Iowa State University  
Energy efficient buildings

**Izuno, Forrest**, Professor Ph.D., Colorado State University  
Water management, irrigation, drainage, water quality

**Jacobson, Larry, P.E.**, Professor, Extension Engineer Ph.D., University of Minnesota  
Environmentally friendly and energy conserving animal housing systems, airborne emissions, odor control, indoor air quality for agricultural, industrial, and residential buildings, waste management

**Janni, Kevin, P.E.**, Professor, Extension Engineer, and Department Head Ph.D., Purdue University  
Animal housing systems, ventilation, odor control, air quality, biofiltration

**Morey, R. Vance**, Professor Ph.D., Purdue University  
Biomass densification, biomass for electricity and process heat at ethanol plants, post-harvest technology

**Nieber, John, P.E.**, Professor Ph.D., Cornell University  
Watershed hydrology, biogeochemistry of watersheds, wetland hydrology, engineering of water resources quantity and quality, flow and transport in geological media and biological systems

**Petersen, Harlan D.**, Assistant Professor and Extension Educator M.S., University of Minnesota  
Wood drying and moisture relations

**Ramaswamy, Shri**, Professor and Department Head Ph.D., State University of New York  
Paper science and engineering

**Ruan, Roger**, Professor Ph.D., University of Illinois  
Food engineering, value-added processing, biorefining, renewable energy, MRI and NMR applications, non-thermal plasma

**Sands, Gary**, Associate Professor and Extension Engineer Ph.D., Colorado State University  
Hydrology, water quality, water resources conservation and management

**Sarkanen, Simo**, Professor Ph.D., University of Washington  
Wood and lignin chemistry

**Schmidt, Elmer L.**, Professor Ph.D., University of Minnesota  
Wood deterioration/protection

**Seavey, Robert**, Research Associate and Instructor Ph.D., University of Minnesota  
Wood physics

**Severtson, Steven J.**, Associate Professor Ph.D., Institute of Paper Science and Technology

**Shutske, John**, Professor and Extension Agricultural Safety and Health Specialist Ph.D., Purdue University  
Safe design of products and production systems, homeland security risk assessment and communication, worker/public health impacts from technology/demographic change in biological industries

**Smith, Timothy M.**, Associate Professor Ph.D., Penn State University  
Environmental communications, integrated marketing communications, new product development

**Suh, Sangwon**, Assistant Professor Ph.D., Leiden University, Netherlands  
Corporate environmental management, life cycle assessment, industrial ecology

**Tschirner, Ulrike**, Associate Professor Ph.D., University of Karlsruhe, Germany  
Lignin chemistry

**Tze, William T. Y.**, Assistant Professor Ph.D., University of Maine  
Bio-composites, adhesion interphase, and micro-analyses

**Wilcke, William, P.E. (Iowa)**, Professor and Extension Engineer Ph.D., Iowa State University  
Post-harvest technology, sustainable agriculture, agricultural energy sources

**Wilson, Bruce, P.E. (Oklahoma)**, Professor Ph.D., University of Kentucky  
Hydrologic/water quality modeling, transport of surface water contaminants

**Winandy, Jerrold**, Adjunct Faculty Ph.D., Oregon State University  
Engineered biocomposites engineering properties of wood

**Wright, Jerry, P.E.**, Associate Professor and Extension Engineer M.S., North Dakota State University  
Irrigation design, irrigation water management, drainage design, ground water quality

**Zhu, Jun**, Associate Professor and Extension Engineer Ph.D., University of Illinois  
Animal waste management and treatment techniques, manure odor control, nutrient recycling, renewable energy

## Biomedical Engineering

**Akin, Taner**, Assistant Professor Ph.D., University of Texas, Austin  
Biomedical optics and imaging

**Barocas, Victor H.**, Assistant Professor and Director of Graduate Studies Ph.D., University of Minnesota  
Tissue engineering, ocular biomechanics, microfluidics, computer modeling

**Bischof, John C.**, Professor Ph.D., University of California, Berkeley  
Experimental techniques to measure biophysics in cells and tissues during freezing, improved cryopreservation of sperm and tissue systems, characterization of cell injury

**He, Bin**, Professor and Director of Undergraduate Studies Ph.D., Tokyo Institute of Technology  
Functional biomedical imaging, electrophysiological neuroimaging, electrocardiographic tomography

**Odde, David J.**, Associate Professor Ph.D., Rutgers University  
Cytoskeletal basis of cell growth and division

**Sachs, Jonathan N.**, Assistant Professor Ph.D., Johns Hopkins University  
Molecular-level membrane interactions

**Shen, Wei**, Assistant Professor Ph.D., California Institute of Technology  
Biomaterials, tissue engineering, biomolecular engineering, cell-material interactions

**Siegel, Ronald A.**, Professor and Department Head of Pharmaceuticals Sc.D., Massachusetts Institute of Technology  
Drug/delivery, hydrogels, microfabrication, pharmacodynamics

**Tranquillo, Robert T.**, Professor and Department Head Ph.D., University of Pennsylvania  
Cardiovascular and neural tissue engineering, cell

**Wang, Chun**, Assistant Professor Ph.D., University of Utah  
Biomaterials for drug and gene delivery and tissue engineering

## Chemical Engineering and Materials Science

**Aydil, Eray**, Professor Ph.D., University of Houston  
Reaction engineering of electronic materials, thin film deposition and etching, Photovoltaics

**Bates, Frank S.**, Distinguished McKnight Professor, Regents Professor, and Head Sc.D., Massachusetts Institute of Technology  
Thermodynamics and dynamics of polymers and polymer mixtures

**Bhan, Aditya**, Assistant Professor Ph.D., Purdue University  
Reaction Engineering, heterogeneous catalysis, computational chemistry, energy

**Caretta, Raul**, Professor Ph.D., University of Minnesota  
Unit operations, safety, surface characterization

**Carr, Robert W.**, Professor Emeritus Ph.D. University of Rochester  
Chemical kinetics, reaction engineering

**Cococcioni, Matteo**, Assistant Professor Ph.D., International School for Advances Studies (SISSA)  
Electronic conduction, cathode materials, electron transfer reactions

**§ Cussler, Edward L.**, Professor Ph.D., University of Wisconsin  
Mass transfer, novel separation processes

**Dahler, John S.**, Professor Emeritus Ph.D., University of Wisconsin  
Nonequilibrium statistical mechanics, atomic collision theory

**Daoutidis, Prodromos**, Professor Ph.D., University of Michigan  
Nonlinear process control, process analysis and design

**Davis, H. Ted**, Regents Professor Ph.D., University of Chicago  
Colloid and interface science, statistical mechanics

**Derby, Jeffrey J.**, Professor Ph.D., Massachusetts Institute of Technology  
Process modeling, materials processing, high-performance computing

**Dorfman, Kevin, Assistant Professor**  
Ph.D., Massachusetts Institute of Technology  
Transport phenomena, microfluidics, electrophoresis, biophysics

**Francis, Lorraine Falter, Professor**  
Ph.D., University of Illinois at Urbana-Champaign  
Ceramics processing, electrical and mechanical properties of ceramics

**Fredrickson, Arnold G., Professor Emeritus**  
Ph.D., University of Wisconsin  
Biochemical engineering, microbial populations

**Frisbie, C. Daniel, Professor**  
Ph.D., Massachusetts Institute of Technology  
Organic electronic materials, materials chemistry

**Gerberich, William W., Professor**  
Ph.D., University of California, Berkeley  
Fracture micromechanics, interfacial defects

**Holmes, Russell J., Assistant Professor**  
Ph.D., Princeton University  
Electrical and optical properties of organic thin films, optoelectronic devices, solid state lighting, solar energy conversion

**Hu, Wei-Shou, Distinguished McKnight University Professor**  
Ph.D., Massachusetts Institute of Technology  
Biochemical engineering, mammalian cell cultures

**Kaznessis, Yiannis, Associate Professor**  
Ph.D., University of Notre Dame  
Computer modeling of biological systems, bioinformatics

**Keller, Kenneth H., Professor**  
Ph.D., Johns Hopkins University  
Transport in biological systems, biomedical engineering

**Kokkoli, Efrosini, Assistant Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Biomimetic surface science, bioengineering, biomaterials, colloidal interactions

**Kumar, Satish, Associate Professor**  
Ph.D., Stanford University  
Transport processes, interfacial phenomena, microfluidics

**Leighton, Christopher, Associate Professor**  
Ph.D., University of Durham, England  
Magnetic and electronic properties of thin film, magnetic materials

**Lodge, Timothy P., Professor**  
Ph.D., University of Wisconsin  
Polymer structure and dynamics, polymer characterization

**Macosko, Christopher W., Professor**  
Ph.D., Princeton University  
Polymer processing, rheology, polymer networks and blends

**McCormick, Alon V., Professor**  
Ph.D., University of California, Berkeley  
Ceramic synthesis, adsorption and diffusion, polymerization kinetics

**Morse, David C., Associate Professor**  
Ph.D., University of Pennsylvania  
Macromolecular and complex fluids, statistical mechanics and dynamics

**Norris, David J., Professor**  
Ph.D., Massachusetts Institute of Technology  
Photonic crystals, nanomaterials, molecular spintronics

**Oriani, Richard A., Professor Emeritus**  
M.A., Ph.D., Princeton University  
Corrosion, thermodynamics of solids, cold fusion

**Schmidt, Lanny D., Regents Professor**  
Ph.D., University of Chicago  
Surface chemistry, catalysis and reactor modeling

**Schott, Jeffrey H., Associate Professor**  
Ph.D., University of Minnesota  
Process development

**Seidel, Robert W., Professor**  
Ph.D., University of California, Berkeley  
History of science and technology

**Shores, David A., Professor**  
Ph.D., Pennsylvania State University  
High temperature corrosion, fuel cells

**Sivertsen, Jack M., Associate Professor Emeritus**  
Ph.D., University of Illinois, Urbana-Champaign  
Magnetic, microelectronic, and tribological materials

**Smyrl, William H., Professor**  
Ph.D., University of California, Berkeley  
Electrochemical engineering, modeling electrochemical systems

**Snowden, Frank W., Professor**  
Ph.D., University of New Orleans  
Intraocular lens design and performance, cooperative education

**Srienc, Friedrich, Professor**  
Ph.D., Technical University of Graz  
Biochemical engineering, cell cycle kinetics

**Tranquillo, Robert T., Distinguished McKnight University Professor**  
Ph.D., University of Pennsylvania  
Cell and tissue engineering

**Tsapatsis, Michael, Professor**  
Ph.D., California Institute of Technology  
Materials, separations, catalysis

**Wentzcovitch, Renata M. M., Professor**  
Ph.D., University of California, Berkeley  
Electronic and structural properties of solids, ab initio molecular dynamics

## Chemistry

**Arriaga, Edgar, Associate Professor**  
Ph.D., Dalhousie University in Nova Scotia  
Analytical chemistry

**Barany, George, Distinguished McKnight University Professor**  
Ph.D., Rockefeller University  
Organic and biological chemistry

**Blank, David, Assistant Professor**  
Ph.D., University of California, Berkeley  
Experimental physical chemistry

**Bowser, Michael, Assistant Professor**  
Ph.D., University of British Columbia  
Bioanalytical chemistry

**Buhlmann, Philippe, Assistant Professor**  
Ph.D., Swiss Federal Institute of Technology  
Analytical chemistry and materials

**Carr, Peter, Professor**  
Ph.D., Pennsylvania State University  
Analytical chemistry

**Cramer, Christopher, Associate Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Organic, physical, and computational chemistry

**Dahler, John, Professor Emeritus**  
Ph.D., University of Wisconsin  
Physical chemistry

**Davis, H. Ted, Regents Professor**  
Ph.D., University of Chicago  
Chemical engineering

**Distefano, Mark, Associate Professor**  
Ph.D., Massachusetts Institute of Technology  
Biological chemistry

**Ellis, John, Professor**  
Ph.D., Massachusetts Institute of Technology  
Inorganic chemistry

**Forsyth, Craig, Professor**  
Ph.D., Cornell University  
Organic and biological chemistry

**Gao, Jiali, Professor**  
Ph.D., Purdue University  
Biological and computational chemistry

**Gentry, W. Ronald, Professor Emeritus**  
Ph.D., University of California, Berkeley  
Physical chemistry

**Gladfelter, Wayne, Professor**  
Ph.D., Pennsylvania State University  
Inorganic, materials, and organic chemistry

**§ Gray, Gary, Professor**  
Ph.D., University of Iowa  
Biological and organic chemistry

**Haynes, Christy, Assistant Professor**  
Ph.D., Northwestern University  
Physical chemistry, analytical chemistry, materials science

**Hillmyer, Marc, Associate Professor**  
Ph.D., California Institute of Technology  
Organic chemistry

**\* Hoye, Thomas, Professor**  
Ph.D., Harvard University  
Organic chemistry

**Kass, Steven, Professor**  
Ph.D., Yale University  
Organic and physical chemistry

**Leopold, Doreen, Associate Professor**  
Ph.D., Harvard University  
Physical chemistry

**Leopold, Ken, Professor**  
Ph.D., Harvard University  
Physical chemistry

**Lipsky, Sanford, Professor**  
Ph.D., University of Chicago  
Physical chemistry

**Lodge, Timothy P., Professor**  
Ph.D., University of Wisconsin  
Analytical, materials, and physical chemistry

**§ Mann, Kent, Professor**  
Ph.D., California Institute of Technology  
Inorganic chemistry

**\* McNeill, Kristopher, Associate Professor**  
Ph.D., University of California, Berkeley  
Environmental chemistry

**§ Miller, Larry, Professor Emeritus**  
Ph.D., University of Illinois, Urbana-Champaign  
Organic and materials chemistry

**Miller, Wilmer, Professor Emeritus**  
Ph.D., University of Wisconsin  
Physical chemistry

**Musier-Forsyth, Karin, Professor**  
Ph.D., Cornell University  
Biological and physical chemistry

**Noland, Wayland, Professor**  
Ph.D., Harvard University  
Organic chemistry

**Penn, R. Lee, Assistant Professor**  
Ph.D., University of Wisconsin, Madison  
Environmental, materials, and physical chemistry

**\*§ Pignolet, Louis, Professor**  
Ph.D., Princeton University  
Inorganic and materials chemistry

**Que, Larry, Professor**  
Ph.D., University of Minnesota  
Inorganic and biological chemistry

**Roberts, Jeffrey, Professor**  
Ph.D., Harvard University  
Physical, inorganic, and materials chemistry

**Siepmann, J. Ilja, Professor**  
Ph.D., University of Cambridge  
Physical, materials, and computational chemistry

**Stankovich, Marian, Professor**  
Ph.D., University of Texas  
Analytical and biological chemistry

**Stein, Andreas, Professor**  
Ph.D., University of Toronto  
Inorganic, physical, and materials chemistry

**Taton, T. Andrew, Assistant Professor**  
Ph.D., Harvard University  
Organic and materials chemistry

**§ Tolman, William, Professor**  
Ph.D., University of California, Berkeley  
Inorganic, organic, and biological chemistry

**§ Truhlar, Donald, Professor**  
Ph.D., California Institute of Technology  
Physical and theoretical chemistry

**Veglia, Gianluigi, Assistant Professor**  
Ph.D., University of Rome  
Physical chemistry

**York, Darrin, Associate Professor**  
Ph.D., University of North Carolina, Chapel Hill  
Physical, theoretical, and computational chemistry

**Zhu, Xiaoyang, Professor**  
Ph.D., University of Texas at Austin  
Materials, physical, and analytical chemistry

## Civil Engineering

**Arndt, Roger E. A., Professor**  
Ph.D., Massachusetts Institute of Technology  
Cavitation and bubble dynamics, hypodrop, noise generated by fluid flow

**Arnold, William A., Associate Professor**  
Ph.D., Johns Hopkins University  
Transformations of anthropogenic chemicals aquatic systems, partitioning and fate of organic chemicals

**Ballarini, Roberto, Professor**  
Ph.D., Northwestern University  
Mechanics of manmade and biological solids and structures, fracture and fatigue, micro and nanotechnology

**Barnes, Randal J., Associate Professor**  
Ph.D., Colorado School of Mines  
Applied statistics, mathematical modeling, groundwater mechanics

**Brezonik, Patrick L., Professor**  
Ph.D., University of Wisconsin  
Impacts of human activity on water quality/chemistry

**Capel, Paul D., Adjunct Professor**  
Ph.D., University of Minnesota  
Environmental water chemistry, chemodynamics, fate and transport



## Faculty and Administration

**Crouch, Steven L., Professor**  
Ph.D., University of Minnesota  
Boundary element methods applied to rock mechanics problems

**Davis, Gary A., Professor**  
Ph.D., University of Washington  
Statistics in transportation planning, traffic control, traffic safety

**Detournay, Emmanuel, Professor**  
Ph.D., University of Minnesota  
Mathematical modeling of geomechanical processes, poroelasticity

**§ Drescher, Andrew, Professor**  
Dr. Inz., Institute of Fundamental Technological Research, Poland  
Testing and modeling mechanical behavior of geomaterials

**Foufoula-Georgiou, Efi, Professor**  
Ph.D., University of Florida  
Stochastic hydrology, multiscale processes, landform morphology, climate modeling

**§ French, Catherine E., Professor**  
Ph.D., University of Illinois  
Concrete behavior, materials/structural systems, earthquake engineering, durability

**Galambos, Theodore V., Professor Emeritus**  
Ph.D., Lehigh University  
Structural stability, behavior and design

**Geroliminis, Nikolas, Assistant Professor**  
Ph.D., University of California, Berkeley  
Urban transportation and gridlock in cities

**Gulliver, John S., Professor**  
Ph.D., University of Minnesota  
Environmental fluid mechanics, chemical fate and transport

**Guzina, Bojan B., Associate Professor**  
Ph.D., University of Colorado  
Mathematical modeling of wave propagation, seismic site characterization

**Hill, Kimberly, Assistant Professor**  
Ph.D., University of Minnesota  
Granular flows and segregation, non-Newtonian fluids

**Hondzo, Miki, Associate Professor**  
Ph.D., University of Minnesota  
Experimental work and numerical prediction techniques in environmental fluid dynamics

**Hozalski, Raymond M., Associate Professor**  
Ph.D., Johns Hopkins University  
Water/wastewater treatment, biofilms, natural organic matter characterization

**§ Johnson, Gerald W., Associate Professor**  
Ph.D., University of Wisconsin  
Applications of surveying and mapping

**Khazanovich, Lev, Associate Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Concrete and asphalt pavements, finite element analysis of soil-structure interaction

**§ Labuz, Joseph F., Professor**  
Ph.D., Northwestern University  
Experimental geomechanics, fracture of quasi-brittle materials

**LaPara, Timothy, Assistant Professor**  
Ph.D., Purdue University  
Biological wastewater treatment, wastewater microbiology, environmental microbiology, structure-function relationships in mixed microbial communities, microbial ecology, microbial evolution

**Levinson, David M., Associate Professor**  
Ph.D., University of California, Berkeley  
Transportation economics and financing, network deployment, integrated transportation and land use planning

**Liu, Henry, Assistant Professor**  
Ph.D., University of Wisconsin  
Traffic controlled operations, transportation network modeling

**Marasteanu, Mihai, Assistant Professor**  
Ph.D., Pennsylvania State University  
Applications of fundamental theories to bituminous materials characterization, modeling, and experimental testing

**Marshall, Julian, Assistant Professor**  
Ph.D., University of California, Berkeley  
Urban air pollution, energy and environmental impacts of transportation, sustainability, urban design, environmental issues in Asia

**Michalopoulos, Panos G., Professor**  
Ph.D., University of Florida  
Traffic engineering operations and control, traffic flow theory

**Novak, Paige J., Associate Professor**  
Ph.D., University of Iowa  
Toxic compound biodegradation, interactions between anaerobes and metals

**Okazaki, Taichiro, Assistant Professor**  
Ph.D., University of Texas at Austin  
Steel structures, welded connections

**Porte-Agel, Fernando, Associate Professor**  
Ph.D., Johns Hopkins University  
Fluid mechanics in the environment, hydrology, micrometeorology, atmospheric boundary layer

**Schultz, Arturo E., Associate Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Concrete behavior, masonry systems, steel-concrete construction, earthquake engineering

**Semmens, Michael J., Professor**  
Ph.D., University College London  
Physical-chemical processes in environmental science and engineering

**Shield, Carol K., Associate Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Solid mechanics modeling, composite materials

**\* Smith, Karl A., Professor**  
Ph.D., University of Minnesota  
Project management, modeling systems, engineering education

**Sotiropoulos, Fotis, Professor**  
Ph.D., University of Cincinnati  
Computational fluid dynamics for engineering, environmental, biological, and cardiovascular applications

**Stefan, Heinz G., Professor**  
Ph.D., University Paul Sabatier, Toulouse, France  
Water quality modeling, environmental fluid mechanics, hydraulic structures

**§ Stolarski, Henryk K., Professor**  
Ph.D., Institute of Fundamental Technological Research, Warsaw, Poland  
Nonlinear structural mechanics, plates and shells, computational mechanics

**Strack, Otto D. L., Professor**  
Dr. Ir., Delft University of Technology, Netherlands  
Computer and mathematical modeling of groundwater and transport

**Voller, Vaughan R., Professor**  
Ph.D., Sunderland Polytechnic, U.K.  
Numerical modeling of free and moving boundary problems

**Wojtkiewicz, Steven F., Assistant Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Stochastic modeling, control of structural systems

### Computer Science

**Banerjee, Arindam, Assistant Professor**  
Ph.D., University of Texas, Austin  
Machine learning, data mining, information theory, convex analysis, computational games

**Boley, Daniel, Professor**  
Ph.D., Stanford University  
Numerical analysis, linear algebra, control theory, machine learning

**Carlis, John, Professor**  
Ph.D., University of Minnesota  
Database systems

**Chandra, Abhishek, Assistant Professor**  
Ph.D., University of Massachusetts, Amherst  
Operating systems, computer networking, distributed systems

**Du, David Hung-Chuang, Professor**  
Ph.D., University of Washington, Seattle  
High-speed networking, multimedia applications, high-performance computing

**Gini, Maria, Professor**  
Doctor of Physics, University of Milan  
Artificial intelligence, robotics

**He, Tian, Assistant Professor**  
Ph.D., University of Virginia  
Wireless sensor networks, distributed systems, real-time computing

**Heimdahl, Mats, Professor**  
Ph.D., University of California, Irvine  
Software engineering, safety critical systems

**Hopper, Nicholas, Assistant Professor**  
Ph.D., Carnegie Mellon University  
Cryptography, computer security, algorithms and complexity

**Hsu, Wei, Associate Professor**  
Ph.D., University of Wisconsin, Madison  
Compiler optimization, run-time optimization systems, system architectures

**Interrante, Victoria, Associate Professor**  
Ph.D., North Carolina at Chapel Hill  
Visualization, visual perception, computer graphics, image processing, virtual reality

**Janardan, Ravi, Professor**  
Ph.D., Purdue University  
Computational geometry, algorithm and data structure design, computer graphics

**Karypis, George, Associate Professor**  
Ph.D., University of Minnesota  
Data mining, bioinformatics, information retrieval, e-commerce, parallel processing

**Kim, Yongdae, Associate Professor**  
Ph.D., University of Southern California  
Group security, network security

**Konstan, Joseph, Professor**  
Ph.D., University of California, Berkeley  
Human-computer interaction, collaborative filtering, multimedia systems, hypermedia

**Kuang, Rui, Assistant Professor**  
Ph.D., Columbia University  
Computational biology, machine learning

**Kumar, Vipin, Professor**  
Ph.D., University of Maryland  
Data mining, bioinformatics, high performance computing

**Meyer, Gary, Associate Professor**  
Ph.D., Cornell University  
Computer graphics, color synthesis and reproduction

**Mokbel, Mohamed, Assistant Professor**  
Ph.D., Purdue University  
Databases, data stream management systems, spatio-temporal databases, scalable continuous query processing

**Myers, Chad, Assistant Professor**  
Ph.D., Princeton University  
Computational biology, functional genomics, machine learning.

**Nadathur, Gopalan, Professor**  
Ph.D., Pennsylvania State University  
Computational logic, programming language design and implementation

**Norberg, Arthur, Professor Emeritus**  
Ph.D., University of Wisconsin  
History of science and technology

**Papanikolaopoulos, Nikolaos, Professor**  
Ph.D., Carnegie Mellon University  
Robotics, computer vision, sensors for transportation applications

**Riedl, John, Professor**  
Ph.D., Purdue University  
Collaborative systems, database systems, fault tolerance, computer networks, object-oriented systems

**Roumeliotis, Stergios, Associate Professor**  
Ph.D., University of Southern California  
Robotics, autonomous vehicle navigation, distributed robotics

**Rosen, J. Ben, Professor Emeritus**  
Ph.D., Columbia University  
Numerical optimization, parallel computing

**Saad, Yousef, Professor**  
Doctorat, University of Grenoble, France  
Sparse matrix computations, parallel computation, eigenvalue problems, nonlinear equations

**Schrater, Paul, Assistant Professor**  
Ph.D., California State University, Long Beach  
Human and computer vision, motor control and haptics, statistical inference, pattern recognition

**Schuler, William, Assistant Professor**  
Ph.D., University of Pennsylvania  
Speech and natural language processing

**Shekhar, Shashi, Distinguished McKnight University Professor**  
Ph.D., University of California, Berkeley  
Data and knowledge engineering, spatial database, geographic information systems

**Shragowitz, Eugene, Professor**  
Ph.D., National Science Research Laboratory, Moscow  
Computer aided design (CAD) of electronic systems, soft computing, combinatorial optimization

**Slagle, James R., Professor Emeritus**  
Ph.D., Massachusetts Institute of Technology  
Artificial intelligence (expert systems, neural networks, automated temporal logic)

**Srivastava, Jaideep, Professor**  
Ph.D., University of California, Berkeley  
Databases, multimedia systems, data mining

**Stein, Marvin, Professor Emeritus**  
Ph.D., University of California, Los Angeles  
Machine arithmetic, organization of programming systems

**Terveen, Loren**, Associate Professor  
Ph.D., University of Texas at Austin  
Human-computer interaction, computer-supported cooperative work

**Tripathi, Anand**, Professor  
Ph.D., University of Texas at Austin  
Distributed and network computing systems, object-oriented programming

**Van Wyk, Erik**, Associate Professor  
Ph.D., University of Iowa  
Programming languages

**Weissman, Jon**, Associate Professor  
Ph.D., University of Virginia  
Distributed systems, metacomputing, cluster computing

**Yew, Pen-Chung**, Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Computer architecture, parallel machine design, parallelizing compilers

**Zhai, Antonia**, Assistant Professor  
Ph.D., Carnegie Mellon University  
Computer architectures, compiler optimizations, operating systems.

**Zhang, Zhi-Li**, Professor  
Ph.D., University of Massachusetts  
Computer networking and multimedia systems

### Electrical Engineering

**Albertson, Vernon D., P.E.**, Professor Emeritus  
Ph.D., University of Wisconsin, Madison  
Electric power analysis and transients, geomagnetic pulse effects

**§ Amin, Massoud**, Professor and Director for the Development of Technological Leadership  
D.Sc., Washington University  
Reconfigurable and self-repairing controls, infrastructure security

**Bailey, Fredric N.**, Professor Emeritus  
Ph.D., University of Michigan  
Control systems, integrating new semiconductor technology

**Bazargan, Kiarash**, Associate Professor  
Ph.D., Northwestern University  
Computer-aided design of VLSI

**§ Campbell, Stephen A.**, Professor  
Ph.D., Northwestern University  
Materials and fabrication processes for silicon-based structures

**Champlin, Keith S.**, Professor Emeritus  
Ph.D., University of Minnesota  
New devices for fabricating monolithic microwave integrated circuits

**Cherkassky, Vladimir S.**, Professor  
Ph.D., University of Texas at Austin  
Parallel processing, computer networks, fault-tolerant computing

**Cohen, Philip I.**, Professor  
Ph.D., University of Wisconsin, Madison  
Microelectronics materials, crystal growth

**Drayton, Rhonda Franklin**, Associate Professor  
Ph.D., University of Michigan  
High-frequency and microwave circuits

**Ebbini, Emal S.**, Associate Professor  
Ph.D., University of Illinois, Urbana  
Digital signal processing and biomedical engineering

**Ernie, Douglas W.**, Associate Professor  
Ph.D., University of Minnesota  
Gaseous electronics and plasma engineering

**Georgiou, Tryphon T.**, Professor  
Ph.D., University of Florida  
Control and systems theory, recursive modeling and identification

**Giannakis, Georgios B.**, Professor  
Ph.D., University of Southern California  
Statistical signal processing and its application to wired and wireless communications

**§ Gopinath, Anand**, Professor  
Ph.D., University of Sheffield  
Microelectronics, microwaves, optics, optoelectronic devices

**Harjani, Ramesh**, Professor  
Ph.D., Carnegie Mellon University  
Computer-aided design of analog circuits

**Higman, Ted K.**, Associate Professor  
Ph.D., University of Illinois  
Electron device fabrication

**Holte, James E.**, Associate Professor  
Ph.D., University of Minnesota  
Bioelectrical sciences and biomedical engineering

**Jacobs, Heiko**, Associate Professor  
Ph.D., ETH in Zurich  
Micro- and nanotechnology

**Jindal, Nihar**, Assistant Professor  
Ph.D., Stanford University  
Information theory, communication theory

**Jovanovic, Mihaile**, Assistant Professor  
Ph.D., University of California, Santa Barbara  
Distributed control systems

**Judy, Jack H.**, Professor Emeritus  
Ph.D., University of Minnesota  
Magnetics and magnetic recording, multilayer thin film materials

**Kain, Richard Y.**, Professor Emeritus  
Sc.D., Massachusetts Institute of Technology  
Computer system architecture

**§ Kaveh, Mostafa**, Professor and Associate Dean for Research and Planning  
Ph.D., Purdue University  
Statistical signal processing, communications, and image processing

**Kieffer, John**, Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Information theory, communications, digital signal processing

**Kim, Hyung-il, (Chris)**, Assistant Professor  
Ph.D., Purdue University  
High performance, low power VLSI design

**Kinney, Larry L.**, Professor  
Ph.D., University of Iowa  
Digital system and digital computer design

**Kumar, K. S. P.**, Professor Emeritus  
Ph.D., Purdue University  
Adaptive control, self-tuning regulators, and system identification

**Lambert, Robert F.**, Professor Emeritus  
Ph.D., University of Minnesota  
Acoustics, computer-controlled automatic measurement of sound

**Lee, Thomas (Shao-Chung) S.**, Professor Emeritus  
Ph.D., University of Minnesota  
Waves and fluids

**§ Leger, James R.**, Professor  
Ph.D., University of California, San Diego  
Micro-optics, Fourier optics and holography

**§ Lilja, David**, Professor and Department Head  
Ph.D., University of Illinois, Urbana-Champaign  
High-performance computer architecture, parallel processing, supercomputing

**Luo, Zhi-Quan (Tom)**, Professor  
Ph.D., Massachusetts Institute of Technology  
Optimization, communication, signal processing

**Misa, Thomas**, Professor  
Ph.D., University of Pennsylvania  
History and sociology of science

**§ Mohan, Ned**, Professor  
Ph.D., University of Wisconsin, Madison  
Power electronics and electromechanics for motion control

**Moon, Jaekyun**, Professor  
Ph.D., Carnegie Mellon University  
Communications and signal processing

**Nathan, Marshall I.**, Professor Emeritus  
Ph.D., Harvard University  
High speed III-V semiconductor device physics

**Oh, Sang-Hyun**, Assistant Professor  
Ph.D., Stanford University  
Microsystems, biotechnology

**Parhi, Keshab K.**, Professor  
Ph.D., University of California, Berkeley  
VLSI signal and image processing

**§ Peria, William T.**, Professor Emeritus  
Ph.D., University of British Columbia  
Physical electronics, fabrication of integrated circuits

**Riedel, Marc**, Assistant Professor  
Ph.D., California Institute of Technology  
Digital circuits, data structures and algorithms, computational biology

**Riaz, Mahmoud**, Professor Emeritus  
Sc.D., Massachusetts Institute of Technology  
Electrical energy conversion, control, and processing

**Robbins, William P.**, Professor  
Ph.D., University of Washington  
Sonics and ultrasonics, sensors and microactuators

**Roychowdhury, Jaijeet**, Associate Professor  
Ph.D., University of California, Berkeley  
Computer-aided verification of analog circuits

**Ruden, P. Paul**, Professor  
Ph.D., University of Stuttgart, FRG  
Theory of novel semiconductor devices

**Sapatnekar, Sachin**, Professor  
Ph.D., University of Illinois at Urbana-Champaign  
Computer aided design of VLSI systems

**Sapiro, Guillermo**, Professor  
D.Sc., Technion University, Israel  
Computer vision systems

**Sobelman, Gerald E.**, Associate Professor  
Ph.D., Harvard University  
VLSI design

**Stadler, Bethanie**, Associate Professor  
Ph.D., Massachusetts Institute of Technology  
Advanced materials for devices and systems

**Talghader, Joseph**, Associate Professor  
Ph.D., University of California, Berkeley  
Microelectronics, optoelectronics

**Tewfik, Achmed H.**, Professor  
Sc.D., Massachusetts Institute of Technology  
Signal processing for multimedia

**Victoria, Randall**, Professor  
Ph.D., University of California, Berkeley  
Magnetics

**Wang, Jian Ping**, Associate Professor  
Ph.D., Chinese Academy of Science  
Magnetics, storage technology

**Warner, R. M., Jr.**, Professor Emeritus  
Ph.D., Case Institute of Technology  
Electronic device and circuit development

**Wollenberg, Bruce F.**, Professor  
Ph.D., University of Pennsylvania  
Power systems engineering

**Geological Engineering**  
Faculty listed under Civil Engineering

### Geology and Geophysics

\* **Alexander, E. Calvin, Jr.**, Professor  
Ph.D., University of Missouri, Rolla  
Hydrogeology, karst hydrogeology and geomorphology, isotope geochemistry, groundwater pollution

**Almendinger, James**, Adjunct Faculty  
Ph.D., University of Minnesota  
Quaternary paleoecology

**Banerjee, Subir K.**, Professor  
Ph.D., Sc.D., Cambridge University  
Paleomagnetism, geomagnetism, climate change

**Chandler, Val W.**, Adjunct Faculty  
Ph.D., Purdue University  
Gravity and magnetic exploration, Precambrian geology

**Edlund, Mark**, Adjunct Faculty  
Ph.D., University of Michigan  
Quaternary paleoecology

**Edwards, R. Lawrence**, Professor  
Ph.D., California Institute of Technology  
Isotope geochemistry, climatic and oceanographic changes

**Engstrom, Daniel R.**, Adjunct Faculty  
Ph.D., University of Minnesota  
Paleolimnology, limnology, limnology, geochemistry

**Fayon, Annia**, Adjunct Faculty  
Ph.D., Arizona State University  
Metamorphic geology, thermochronology

**Feinberg, Joshua**, Assistant Professor  
Ph.D., University of California, Berkeley  
Rock magnetism, mineralogy

**Fox, David L.**, Associate Professor  
Ph.D., University of Michigan  
Paleobiology, paleoclimatology, stable isotope ecology, paleontology

**Hirschmann, Marc M.**, Associate Professor  
Ph.D., University of Washington  
Geochemistry and experimental petrology, igneous petrogenesis, mantle melting

**Hudleston, Peter J.**, Professor  
Ph.D., Imperial College  
Structural geology, deformation, faults and folds, tectonic history

**Ito, Emi**, Professor  
Ph.D., University of Chicago  
Stable isotope geochemistry and paleoclimatology

**Jackson, Michael**, Adjunct Faculty  
Ph.D., University of Michigan  
Rock magnetism

**Jennings, Carrie J.**, Adjunct Faculty  
Ph.D., University of Minnesota  
Glacial processes, Minnesota glacial history, ice sheet dynamics

**Johnson, Robert**, Adjunct Faculty  
Ph.D., Iowa State University  
Mechanisms of climate change

**Kirkby, Kent C.**, Adjunct Faculty  
Ph.D., University of Wisconsin, Madison  
Sedimentary geology, petroleum geology

## Faculty and Administration

**Kleinspehn, Karen L., Associate Professor**  
Ph.D., Princeton University  
Tectonics and basin analysis, neotectonics, sedimentary basins

**Kohlstedt, David L., Professor**  
Ph.D., University of Illinois  
Earth and planetary materials, mechanical properties of rocks, geodynamics and geochemistry

**Matsumoto, Katsumi, Assistant Professor**  
Ph.D., Columbia University  
Geochemical cycles, numerical modeling, and oceanography

**Miller, James D., Jr., Adjunct Faculty**  
Ph.D., University of Minnesota  
Geologic mapping, petrology, metallogeny

**Moskowitz, Bruce M., Professor**  
Ph.D., University of Minnesota  
Rock magnetism, paleomagnetism, biogeomagnetism

**\* Paola, Christopher, Professor**  
Sc.D., Massachusetts Institute of Technology/Woods Hole Oceanographic Institution  
Sedimentology, fluvial processes and morphology, stratigraphy

**Perg, Lesley, Assistant Professor**  
Ph.D., University of California, Santa Cruz  
Surface processes, geochronology

**Pfannkuch, Hans-Olaf, Professor**  
Dr. Ing., Paris University  
Hydrogeology, groundwater-surface interactions, hydrocarbon contamination of shallow aquifers

**Revenaugh, Justin, Professor**  
Ph.D., Massachusetts Institute of Technology  
Seismology, geostatistics

**Runkel, Anthony C., Adjunct Faculty**  
Ph.D., University of Texas, Austin  
Stratigraphic and sedimentologic attributes of Paleozoic strata, Minnesota geology

**Saar, Martin, Assistant Professor**  
Ph.D., University of California, Berkeley  
Hydrogeology, geofluids, numerical modeling

**Seyfried, William E., Jr., Professor**  
Ph.D., University of Southern California  
Aqueous geochemistry, experimental and theoretical modeling of hydrothermal systems

**Stout, James H., Professor**  
Ph.D., Harvard University  
Petrology, geochemistry, materials science, igneous and metamorphic petrology

**Thorleifson, Harvey, Professor**  
Ph.D., University of Colorado  
Quaternary geology, Minnesota geology

**Weiblen, Paul W., Professor Emeritus**  
Ph.D., University of Minnesota  
Precambrian geology of Minnesota, crustal evolution and mineralization

**Whitney, Donna L., Professor**  
Ph.D., University of Washington  
Metamorphic geology and tectonics, petrology and geochemistry of mountain belts

**Wright, Herbert E., Jr., Regents Professor Emeritus**  
Ph.D., Harvard University  
Quaternary paleoecology, paleolimnology, paleoclimatology, glacial geomorphology

**Yuen, David A., Professor**  
Ph.D., University of California, Los Angeles  
Numerical modeling of geophysical and geological phenomena, mantle convection

### Mathematics

**Adams, Scot, Professor**  
Ph.D., University of Chicago  
Dynamical systems, foliations, ergodic theory

**Aeppli, Alfred, Professor Emeritus**  
Ph.D., ETH, Zurich, Switzerland  
Topology and geometry

**Agard, Stephen, Professor Emeritus**  
Ph.D., University of Michigan  
Actuarial mathematics, complex variables

**Anderson, Greg, Professor**  
Ph.D., Princeton University  
Algebraic number theory, random matrix theory

**Aronson, Donald, Professor Emeritus**  
Ph.D., Massachusetts Institute of Technology  
Partial differential equations, applied mathematics

**Baxter, John R., Professor**  
Ph.D., University of Toronto  
Potential theory, Markov processes

**Bobkov, Sergey, Professor**  
Ph.D., Steklov Institute  
Partial differential equations

**Bramson, Maury, Professor**  
Ph.D., Cornell University  
Probability theory

**Calderer, Maria Carme, Professor**  
Ph.D., Heriot-Watt University  
Applied mathematics, partial differential equations

**Ciocan-Fontanine, Ionut, Associate Professor**  
Ph.D., University of Utah  
Algebraic geometry, moduli spaces, Gromov-Witten theory

**Cockburn, Bernardo, Distinguished McKnight University Professor**  
Ph.D., University of Chicago  
Numerical analysis

**Conn, Jack, Associate Professor**  
Ph.D., Princeton University  
Mathematical physics, differential geometry

**Diaconu, Adrian, Assistant Professor**  
Ph.D., Brown University  
Number theory, automorphic forms

**Eagon, John A., Professor Emeritus**  
Ph.D., University of Chicago  
Commutative algebra

**Feshbach, Mark, Professor**  
Ph.D., Stanford University  
Algebraic topology

**§ Frank, David, Associate Professor**  
Ph.D., University of California, Berkeley  
Algebraic topology

**Fristedt, Bert, Professor**  
Ph.D., Massachusetts Institute of Technology  
Probability, game theory

**Fuhrken, E. Gebhard, Associate Professor Emeritus**  
Ph.D., University of California, Berkeley  
Logic, model theory, universal algebra

**Garrett, Paul, Professor**  
Ph.D., Princeton University  
Number theory

**Gershenson, Hillel, Associate Professor Emeritus**  
Ph.D., University of Chicago  
Algebraic topology

**Goldman, Jay, Professor Emeritus**  
Ph.D., Princeton University  
Combinatorics and knots, number theory

**Gray, Lawrence, Professor**  
Ph.D., Cornell University  
Probability theory, Markov processes, interacting particle systems

**Gulliver, Robert, Professor**  
Ph.D., Stanford University  
Partial differential equations, differential geometry

**Harris, Morton, Professor Emeritus**  
Ph.D., Harvard University  
Finite groups, modular representations of finite groups

**Hejhal, Dennis, Professor**  
Ph.D., Stanford University  
Analysis, number theory, supercomputers

**Jain, Naresh, Professor**  
Ph.D., Stanford University  
Probability

**Jiang, Dihua, Professor**  
Ph.D., The Ohio State University  
Group representation theory, number theory, harmonic analysis

**Jodeit, Max A., Jr., Professor Emeritus**  
Ph.D., Rice University  
Harmonic analysis, singular integral operators

**Kahn, Donald, Professor**  
Ph.D., Yale University  
Topology, global analysis

**Keel, Markus, Professor**  
Ph.D., Princeton University  
Partial differential equations, harmonic analysis

**Keynes, Harvey B., Professor**  
Ph.D., Wesleyan University  
Topological dynamics, ergodic theory

**§ Krylov, N. V., Professor**  
D.Sc., Moscow State University  
Probability and partial differential equations

**Lerman, Gilad, Assistant Professor**  
Ph.D., Yale University  
Computational harmonic analysis

**Li, Tian-Jun, Associate Professor**  
Ph.D., Brandeis University  
Differential geometry, symplectic topology

**Littman, Walter, Professor**  
Ph.D., New York University  
Partial differential equations

**Luskin, Mitchell, Professor**  
Ph.D., University of Chicago  
Numerical analysis

**Lyubeznik, Gennady, Professor**  
Ph.D., Columbia University  
Commutative algebra, algebraic geometry

**Marden, Albert, Professor**  
Ph.D., Harvard University  
Complex dynamics

**McCarthy, Charles, Professor Emeritus**  
Ph.D., Yale University  
Functional analysis

**McGehee, Richard, Professor**  
Ph.D., University of Wisconsin  
Dynamical systems, visualization

**Messing, William, Professor**  
Ph.D., Princeton University  
Algebraic geometry

**Meyers, Norman, Professor**  
Ph.D., Indiana University  
Partial differential equations

**Miller, Ezra, Associate Professor**  
Ph.D., University of California, Berkeley  
Algebraic geometry, combinatorics, commutative algebra, discrete geometry

**Miller, Willard, Professor**  
Ph.D., University of California, Berkeley  
Applied mathematics

**Miracle, Chester, Associate Professor**  
Ph.D., University of Kentucky  
Math education, harmonic analysis

**Moeckel, Richard, Professor**  
Ph.D., University of Wisconsin  
Dynamical systems, celestial mechanics

**Ni, Wei-Ming, Professor**  
Ph.D., New York University  
Partial differential equations, nonlinear functional analysis

**Nykamp, Duane, Assistant Professor**  
Ph.D., New York University  
Applied math, mathematical biology, mathematical neuroscience

**Odlyzko, Andrew, Professor**  
Ph.D., Massachusetts Institute of Technology  
Computational complexity

**Olver, Peter, Professor**  
Ph.D., Harvard University  
Mathematical physics, Lie groups, differential equations

**Othmer, Hans, Professor**  
Ph.D., University of Minnesota  
Bio-mathematics

**Polacik, Peter, Professor**  
Ph.D., Comenius University  
Partial differential equations, dynamics systems

**Pour-El, Marian B., Professor Emeritus**  
Ph.D., Harvard University  
Mathematical logic

**Prkry, Karel, Professor**  
Ph.D., University of California, Berkeley  
Set theory, measure theory, boolean algebras

**Reich, Edgar, Professor Emeritus**  
Ph.D., University of California, Los Angeles  
Complex variables

**Reiner, Victor, Professor and McKnight Land-Grant Professor**  
Ph.D., Massachusetts Institute of Technology  
Combinatorics

**Reitich, Fernando, Professor**  
Ph.D., University of Minnesota  
Partial differential equations, numerical analysis

**Rejto, Peter, Professor**  
Ph.D., New York University  
Functional analysis

**Richter, Wayne, Associate Professor**  
Ph.D., Princeton University  
Logic and set theory

**Roberts, Joel, Professor**  
Ph.D., Harvard University  
Commutative algebra

**Safonov, Mikhail, Professor**  
Ph.D., Moscow State University  
Probability and partial differential equations

**Santosa, Fadil, Professor**  
Ph.D., University of Illinois  
Applied mathematics

**Scheel, Arnd, Professor**  
Ph.D., Free University of Berlin  
Partial differential equations, dynamical systems, applied math

**Sell, George R., Professor**  
Ph.D., University of Michigan  
Differential equations

**Sibuya, Yasutaka, Professor Emeritus**  
D.Sc., Tokyo University  
Ordinary differential equations

**Sperber, Steven I., Professor**  
Ph.D., University of Pennsylvania  
Algebraic number theory and geometry

**Stanton, Dennis, Professor**  
Ph.D., University of Wisconsin  
Combinatorics

**Storvick, David, Professor Emeritus**  
Ph.D., University of Michigan  
Complex variables

**Sverak, Vladimir, Professor**  
Ph.D., Charles University, Prague, Czech Republic  
Calculus of variations, nonlinear elasticity

**Voronov, Alexander, Professor**  
Ph.D., Moscow State University  
Mathematical physics, algebra

**Wang, Jiaping, Professor**  
Ph.D., Cornell University  
Differential geometry

**Webb, Peter, Professor**  
Ph.D., University of London  
Representation theory of groups and algebras, algebraic theory

**Weinberger, Hans, Professor Emeritus**  
Ph.D., Carnegie Institute of Technology  
Applied mathematics, fluid analysis

**White, Dennis, Professor**  
Ph.D., University of California, San Diego  
Combinatorics

**Zeitouni, Ofer, Professor**  
Ph.D., Technion, Haifa, Israel  
Probability theory, random matrices, communication and information theories

## Mechanical Engineering

**Aksan, Alptekin, Assistant Professor**  
Ph.D., Michigan State University  
Biopreservation/biothermodynamics, desiccation/vitrification phenomena, applications of MEMS in bioengineering, bioheat and mass transfer

**Alexander, Jennifer K., Associate Professor**  
Ph.D., University of Washington, Seattle  
Comparative history of industrial culture

**§ Arora, Sant Ram, Professor**  
Ph.D., Johns Hopkins University  
Optimization concepts, resource allocation, capacity sizing, production facilities

**§ Benjaafar, Saifallah, Professor**  
Ph.D., Purdue University  
Modeling, design and control of automated manufacturing of production systems

**§ Bischof, John C., Professor**  
Ph.D., University of California, Berkeley  
Bioengineering, bioheat and mass transfer, cryobiology, hyperthermia

**§ Blackshear, Perry L., Jr., Professor Emeritus**  
Ph.D., Case Institute of Technology  
Bioengineering, combustion, applied thermodynamics

**§ Chase, Thomas R., Professor**  
Ph.D., University of Minnesota  
Computer-aided design, mechanical engineering database, kinematics, machine design

**Cooper, William L., Associate Professor**  
Ph.D., Georgia Institute of Technology  
Stochastic models, revenue management, queuing theory

**Cui, Tianhong, Associate Professor**  
Ph.D., Chinese Academy of Sciences  
Micro/nanomanufacturing, MEMS/NEMS (micro/nano electro mechanical systems), polymer/organic microelectronics

**§ Davidson, Jane H., Professor**  
Ph.D., Duke University  
Fluid mechanics, solar energy, environmental engineering

**§ Donath, Max, Professor**  
Ph.D., Massachusetts Institute of Technology  
Sensors and control systems as applied to robotics and vehicles

**Dumitrica, Traian, Assistant Professor**  
Ph.D., Texas A & M  
Theoretical and computational aspects of materials science, mechanical properties, stability and behavior of distinct nanoscale objects

**§ Durfee, William K., Professor**  
Ph.D., Massachusetts Institute of Technology  
Product design, real-time control, biomechanics, rehabilitation engineering

**\*§ Erdman, Arthur G., P.E., Professor**  
Ph.D., Rensselaer Polytechnic Institute  
Computer-aided design, kinematics, biomechanics, microelectromechanical systems

**§ Fletcher, Edward A., Professor Emeritus**  
Ph.D., Purdue University  
Applied thermodynamics, very high temperature solar processes and thermochemistry

**§ Frohrib, Darrell A., Professor Emeritus**  
Ph.D., University of Minnesota  
Engineering design, vibration

**Garrick, Sean C., Associate Professor**  
Ph.D., State University of New York, Buffalo  
Heat and mass transfer, fluid mechanics, numerical methods

**§ Girshick, Steven L., Professor**  
Ph.D., Stanford University  
Plasma technology, materials synthesis, nucleation theory

**§ Goldstein, Richard J., Regents Professor**  
Ph.D., University of Minnesota  
Heat transfer, thermodynamics, fluid mechanics

**Gupta, Diwakar, Professor**  
Ph.D., University of Waterloo  
Stochastic processes and queuing systems

**Hayes, Caroline C., Professor**  
Ph.D., Carnegie Mellon University  
Manufacturing planning and feature extraction, artificial intelligence

**§ Heberlein, Joachim V. R., Professor**  
Ph.D., University of Minnesota  
Plasma technology, electrode effects, plasma coating and waste-treatment processes

**Hubel, Allison, Associate Professor**  
Ph.D., Massachusetts Institute of Technology  
Bioengineering, preservation of engineered cells and tissues, biotransport

**\*§ Ibele, Warren E., Professor Emeritus**  
Ph.D., University of Minnesota  
Heat transfer, thermodynamics, power

**§ Kittelson, David B., Professor**  
Ph.D., University of Cambridge, England  
Energy conversion, particle technology, combustion and propulsion

**§ Klamecki, Barney E., Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Manufacturing process modeling and control theory

**§ Kortshagen, Uwe, Professor**  
Dr. rer. nat., University of Bochum, Germany  
Low-pressure processing plasmas, plasma contamination control, plasma modeling

**§ Kuehn, Thomas H., P.E., Professor**  
Ph.D., University of Minnesota  
HVAC and refrigeration, heat and mass transfer, filtration

**§ Kulacki, Francis A., Professor**  
Ph.D., University of Minnesota  
Convective transfer in porous and fractured media

**§ Kvalseth, Tarald O., Professor Emeritus**  
Ph.D., University of California, Berkeley  
Human factors and ergonomics

**§ Lewis, Jack L., Professor**  
Ph.D., University of California, Berkeley  
Biomechanics

**§ Li, Perry Y., Associate Professor**  
Ph.D., University of California, Berkeley  
Nonlinear and intelligent control, biomechanics, rehabilitation engineering, transportation systems, manufacturing

**§ Liu, Benjamin Y. H., Regents Professor Emeritus**  
Ph.D., University of Minnesota  
Particle technology, environmental control, solar energy

**§ Mantell, Susan C., Professor**  
Ph.D., Stanford University  
Manufacturing and design with composite materials

**§ Marple, Virgil A., Professor**  
Ph.D., University of Minnesota  
Particle technology and aerosol science, environmental engineering

**McMurry, Peter H., Professor**  
Ph.D., California Institute of Technology  
Aerosol science and engineering, environmental engineering

**Ogata, Katsuhiko, Professor Emeritus**  
Ph.D., University of California, Berkeley  
Control systems, optimization techniques

**§ Patankar, Suhas V., Professor Emeritus**  
Ph.D., University of London, England  
Numerical prediction techniques for practical problems involving heat transfer and fluid flow

**§ Pfender, Emil, Professor Emeritus**  
Dr. Ing., University of Stuttgart, Germany  
Arc technology, plasma heat transfer and plasma processing

**§ Pui, David Y. H., Professor**  
Ph.D., University of Minnesota  
Particle technology, environmental engineering

**Rajamani, Rajesh, Professor**  
Ph.D., University of California, Berkeley  
Control design and state estimation for nonlinear systems, fault diagnostics

**§ Ramalingam, Subbiah, Professor**  
Ph.D., University of Illinois, Urbana-Champaign  
Manufacturing sciences, machining, metalworking, tribology, arc technology, coating technology

**§ Ramsey, James W., Professor**  
Ph.D., University of Minnesota  
Heat and mass transfer, thermal environmental engineering

**Rangarajan, Bharath K., Assistant Professor**  
Ph.D., Cornell University  
Optimization algorithms and applications, nonlinear programming, linear and semidefinite programming with applications to control theory, engineering design, cooperative game theory

**§ Shulman, Yechiel, Professor Emeritus**  
Sc.D., Massachusetts Institute of Technology  
Management of technology

**§ Simon, Terrence W., P.E. (Colorado), Professor**  
Ph.D., Stanford University  
Heat transfer, fluid mechanics, thermodynamics

**\*§ Sparrow, Ephraim M., Professor**  
Ph.D., Harvard University  
Heat and mass transfer, fluid mechanics, thermal issues in biomedical engineering

**\*§ Starr, Patrick J., Professor**  
Ph.D., University of Minnesota  
Modeling and simulation as applied to manufacturing systems and vehicle dynamics

**§ Stelson, Kim A., Professor**  
Sc.D., Massachusetts Institute of Technology  
Manufacturing, system dynamics and controls

**§ Strykowski, Paul J., Professor**  
Ph.D., Yale University  
Fluid mechanics, stability, mixing, turbulence control

**Sun, Zongxuan, Assistant Professor**  
Ph.D., University of Illinois at Urbana-Champaign  
Electro-hydraulic, electromechanical, and electro-magnetic systems, fluid power, automotive powertrain, tracking control and disturbance rejection, nonlinear and time-varying control, and mechatronics

**§ Tamma, Kumar K., Professor**  
Ph.D., Old Dominion University  
Finite elements, computational mechanics, structural dynamics

## Physics

**§ Bayman, Benjamin F., Professor Emeritus**  
Ph.D., University of Edinburgh  
Research in theoretical nuclear physics

**Broadhurst, John H., Professor**  
Ph.D., University of Birmingham  
Experimental astrophysics, biophysics and nuclear physics

**§ Campbell, Charles E., Professor**  
Ph.D., Washington University, St. Louis  
Theoretical condensed matter physics

**Cattell, Cynthia, Professor**  
Ph.D., University of California, Berkeley  
Particle acceleration in astrophysical plasmas, aurora, space physics

**Courant, Hans W. J., Professor Emeritus**  
Ph.D., Massachusetts Institute of Technology  
Experimental high-energy physics

**Cronin-Hennessy, Dan, Assistant Professor**  
Ph.D., Duke University  
Experimental particle physics

**§ Crowell, Paul, Associate Professor**  
Ph.D., Cornell University  
Experimental condensed matter physics

**Cushman, Priscilla, Professor**  
Ph.D., Rutgers University  
Experimental particle physics, particle astrophysics

**§ Dahlberg, E. Dan, Professor**  
Ph.D., University of California, Los Angeles  
Magnetism in films, electrical conduction and magnetic microscopy

**Dehnhard, Dietrich K., Professor Emeritus**  
Ph.D., University of Marburg  
Experimental physics, interaction between mesons, nucleons, and nuclei

**Ganz, Eric, Associate Professor**  
Ph.D., University of California, Berkeley  
Experimental condensed matter physics

**Gasiorowicz, Stephen, Professor Emeritus**  
Ph.D., University of California, Los Angeles  
Theoretical particle physics, field theory, quantum chromodynamics

**Giese, Clayton F., Professor Emeritus**  
Ph.D., University of Minnesota  
Chemical physics, superfluid helium, optics

**§ Glazman, Leonid, Professor**  
Ph.D., Institute of Low Temperature Physics, Ukraine Academy of Sciences, U.S.S.R.  
Condensed matter theory, mesoscopic correlated electron systems

**§ Goldman, Allen M., Professor**  
Ph.D., Stanford University  
Experimental condensed matter physics, superconductivity, disordered and dimensionally constrained materials

**Grosberg, Alexander, Professor**  
Ph.D., Moscow State University  
Theoretical physics of polymers and biopolymers, theoretical biophysics

**Halley, J. Woods, Professor**  
Ph.D., University of California, Berkeley  
Theoretical condensed matter physics

**§ Hanany, Shaul, Associate Professor**  
Ph.D., Columbia University  
Experimental/observational astrophysics and cosmology

**\*§ Heller, Kenneth, Professor**  
Ph.D., University of Washington  
Undergraduate problem-solving, especially neutrinos

**Hintz, Norton M., Professor Emeritus**  
Ph.D., Harvard University  
Experimental nuclear physics

**§ Hobbie, Russell K., Professor Emeritus**  
Ph.D., Harvard University  
Medical physics

**Huang, Cheng-Cher, Professor**  
Ph.D., University of Pennsylvania  
Experimental condensed matter physics—liquid crystals

**§ Johnson, Walter H., Professor Emeritus**  
Ph.D., University of Minnesota  
Experimental physics, mass spectrometers

**\*§ Jones, Roger S., Professor Emeritus**  
Ph.D., University of Illinois  
Physics philosophy, humanistic physics, physics education

**§ Kakalios, James, Professor**  
Ph.D., University of Chicago  
Experimental condensed matter physics—amorphous semiconductors and granular media

**§ Kamenev, Alex, Associate Professor**  
Ph.D., Weizmann Institute of Science, Israel  
Theoretical condensed matter physics

**§ Kapusta, Joseph, Professor**  
Ph.D., University of California, Berkeley  
Theoretical high-energy nuclear physics

**Kellogg, Paul J., Professor Emeritus**  
Ph.D., Cornell University  
Physics of plasmas, generation of plasma waves

**§ Kubota, Yuichi, Professor**  
Ph.D., Tokyo University  
Heavy flavor physics in experimental particle physics

**§ Lysak, Robert, Professor**  
Ph.D., University of California, Berkeley  
Theoretical space physics

**Mandic, Vuk, Assistant Professor**  
Ph.D., University of California, Berkeley  
Elementary particle physics

**Mans, Jeremiah, Assistant Professor**  
Ph.D., Princeton University  
Elementary particle physics

**Mantis, Homer T., Professor Emeritus**  
Ph.D., New York University  
Atmospheric physics

**Marquit, Erwin, Professor Emeritus**  
Ph.D., University of Warsaw  
Philosophy of science

**\*§ Marshak, Marvin L., Professor**  
Ph.D., University of Michigan  
Experimental high-energy physics

**§ Mueller, Joachim, Associate Professor**  
Ph.D., Technical University of Munich  
Experimental biophysics

**Noireaux, Vincent, Assistant Professor**  
Ph.D., University of Paris XI  
Biological physics

**\*§ Olive, Keith A., Professor**  
Ph.D., University of Chicago  
Early universe cosmology, high energy physics

**Peloso, Marco, Assistant Professor**  
Ph.D., SISSA Trieste, Italy  
Particle physics and cosmology

**\*§ Pepin, Robert, Professor**  
Ph.D., University of California, Berkeley  
Origin and evolution of the solar system

**Peterson, Earl A., Professor Emeritus**  
Ph.D., Stanford University  
High energy physics: proton decay and neutrino oscillations

**§ Poling, Ronald A., Professor**  
Ph.D., University of Rochester  
Experimental elementary particle physics, specializing in b quarks

**§ Qian, Yong-Zhong, Associate Professor**  
Ph.D., University of California, San Diego  
Theoretical nuclear astrophysics

**§ Rudaz, Serge, Professor**  
Ph.D., Cornell University  
Theoretical high-energy physics, supersymmetry, astroparticle physics

**Ruddick, Keith, Professor Emeritus**  
Ph.D., University of Birmingham  
Experimental high-energy physics

**Rusack, Roger, Professor**  
Ph.D., Imperial College, U.K.  
Experimental high-energy physics

**Shapiro, Alan E., Professor**  
Ph.D., Yale University  
History of science, Newton, optics, scientific revolution

**Shifman, Mikhail, Professor**  
Ph.D., University of Moscow  
Theoretical high-energy physics

**§ Shklovskii, Boris, Professor**  
Ph.D., University of Leningrad  
Theoretical condensed matter physics

**Stuewer, Roger H., Professor Emeritus**  
Ph.D., University of Wisconsin, Madison  
History of nuclear and quantum physics

**Tang, Yau-Chien, Professor Emeritus**  
Ph.D., University of Illinois  
Theoretical nuclear physics

**§ Vainshtein, Arkady, Professor**  
Ph.D., University of Novosibirsk  
Theoretical high-energy physics

**Valls, Oriol T., Professor**  
Ph.D., Brown University  
Theoretical condensed matter physics

**Voloshin, Mikhail, Professor**  
Ph.D., Institute of Theoretical and Experimental Physics, Moscow  
Theoretical physics of elementary particles, quantum field theory

**Waddington, Cecil J., Professor Emeritus**  
Ph.D., University of Bristol  
Experimental astrophysics, cosmic ray physics

**§ Walsh, Thomas F., Professor**  
Ph.D., University of California, Berkeley  
Theoretical high-energy physics

**Wygant, John, Associate Professor**  
Ph.D., University of California, Berkeley  
Space plasma physics

**Zimmermann, William, Jr., Professor Emeritus**  
Ph.D., California Institute of Technology  
Physics of superfluid liquid helium

**Zudov, Michael, Assistant Professor**  
Ph.D., University of Utah  
Condensed matter physics

## Statistics

**Bingham, Christopher, Professor**  
Ph.D., Yale University  
Directional data analysis, time series analysis, multivariate analysis, chronobiometry, statistical computing

**Chatterjee, Singdhansu, Assistant Professor**  
Ph.D., Indian Statistical Institute  
Resampling techniques, non-parametric and semi-parametric curve estimation, generalized linear mixed models, probability theory

**Cook, R. Dennis, Professor**  
Ph.D., Kansas State University  
Experimental design, linear and nonlinear models, regression diagnostics, graphical methods, dimension reduction, population genetics

**Dickey, James M., Professor**  
Ph.D., University of Michigan  
Bayesian statistics, coherent probability assessment, smoothing analysis, foundations of inference

**Eaton, Morris L., Professor**  
Ph.D., Stanford University  
Multivariate analysis, probability inequalities, decision theory, Bayesian inference, prediction, invariance

**Geyer, Charles J., Professor**  
Ph.D., University of Washington  
Constrained maximum likelihood, Monte Carlo likelihood, Markov chain Monte Carlo, statistical genetics

**Grund, Birgit, Associate Professor**  
Ph.D., Humboldt-Universität, Berlin  
Kernel smoothing, non-parametric curve estimation, AIDS clinical trials

**Hawkins, Douglas M., Professor**  
Ph.D., Witwatersrand, Johannesburg, South Africa  
Quality improvement, case diagnostics, chemometrics

**Jiang, Tiefeng, Assistant Professor**  
Ph.D., Stanford University  
Large deviations, extreme value theory, random matrices

**Jones, Galin, Assistant Professor**  
Ph.D., University of Florida  
Computationally intensive statistical methods, Markov chain Monte Carlo, applications in biological and environmental settings

**Martin, Frank B., Associate Professor**  
Ph.D., Iowa State University  
Experimental design, analysis of variance procedures, finite population sampling

**Meeden, Glen D., Professor**  
Ph.D., University of Illinois  
Bayesian inference, decision theory, finite population sampling

**Oehlert, Gary W., Professor**  
Ph.D., Yale University  
Environmental statistics, medical imaging, experimental design

**Qiu, Peihua, Associate Professor**  
Ph.D., The Ohio State University  
Nonparametric curve/surface fitting, image processing, statistical process control, statistical applications

**Shen, Xiaotong, Professor**  
Ph.D., University of Chicago  
Likelihood methods, semi/nonparametric models, classification, model assessment, frequency properties of Bayes procedures, applications in engineering, medicine, and biological systems

**§ Sudderth, William D., Professor**  
Ph.D., University of California, Berkeley  
Probability theory, stochastic games, foundations of statistics

**Wang, Lan, Assistant Professor**  
Ph.D., Pennsylvania State University  
Model with large number of parameters, nonparametric ANCOVA, lack-of-fit test in nonparametric regression models

**Weisberg, Sanford, Professor**  
Ph.D., Harvard University  
Regression and modeling, diagnostics, graphical methods, computing

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# Academic Calendars: 2008–2010

## 2008–2009

### Fall Semester 2008 (70 class days)

September 1	Labor Day
September 2	Classes begin
November 27-28	Thanksgiving holiday
December 10	Last day of instruction
December 11,14	Study days
December 12-13, 15-18	Final examinations

### Spring Semester 2009 (74 class days)

January 19	Martin Luther King, Jr. Day
January 20	Classes begin
March 16-20	Spring break
May 8	Last day of instruction
May 9-10	Study days
May 11-16	Final examinations

### May Session 2009 (14 class days)

May 25	Memorial Day holiday
May 26	3-week May session begins
June 12	3-week May session ends

### Summer Session 2009 (39 class days)

June 15	8-week summer session begins
July 3	Independence Day holiday
August 7	8-week summer session ends

## 2009–2010

### Fall Semester 2009 (70 class days)

September 7	Labor Day
September 8	Classes begin
November 26-27	Thanksgiving holiday
December 16	Last day of instruction
December 20	Study day
December 17-19, 21-23	Final examinations

### Spring Semester 2010 (74 class days)

January 18	Martin Luther King, Jr. Day
January 19	Classes begin
March 15-19	Spring break
May 7	Last day of instruction
May 8-9	Study days
May 10-15	Final examinations

### May Session 2010 (14 class days)

May 24	Memorial Day holiday
May 31	3-week May session begins
June 11	3-week May session ends

### Summer Session 2010 (39 class days)

June 14	8-week summer sessions begins
July 5	Independence Day holiday
August 6	8-week summer session ends