Faculty and Administration

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University Regents

Patricia B. Spence, Rice, Chair
Maureen K. Roed, Stillwater, Vice Chair
Anthony R. Baraga, Side Lake
Robert S. Bergland, Roseau
Dallas Bohnsack, New Prague
William E. Hogan II, Minnetonka
Warren C. Larson, Bagley
David R. Metzen, Sunfish Lake
H. Bryan Neel III, Rochester
Michael O’Keefe, Minneapolis
William R. Peterson, Eagan
Jessica J. Phillips, Minneapolis

University Administrators

Mark Yudof, President
Frank B. Cerra, Senior Vice President for Health Sciences
McKinley Boston, Jr., Vice President for Student Development
Tonya Moten Brown, Vice President and Chief of Staff
Carol Carrier, Vice President for Human Resources
Sandra Gardebring, Vice President for Institutional Relations
Eric Kruse, Vice President for University Services
Christine Maziar, Vice President for Research and Dean of the Graduate School
Charles Muscoptat, Vice President for Agricultural Policy
Mark B. Rotenberg, General Counsel

College of Agricultural, Food, and Environmental Sciences

Administration

Charles C. Muscoptat, Dean of COAFES; Vice President of Agricultural Policy; and Director, Minnesota Agricultural Experiment Station
Philip O. Larsen, Senior Associate Dean of Research
Alan G. Hunter, Associate Dean, Curricular and Student Affairs
Gerald Miller, Associate Dean, Extension
Beverly Durgan, Assistant Dean
Richard Swanson, Assistant Dean, and Director of International Agricultural Programs
Jean Underwood, Director, Career Services
Mark Bultmann, Director, Student Services
Stacie Dosdall, Admissions Coordinator

Agricultural, Food, and Environmental Education

Bracewell, Earl, Lecturer
Ph.D., University of Minnesota
International development, international and domestic program evaluation, extension

Cardwell, Vernon, Professor
Ph.D., Iowa State University
Food, fiber, environment, natural resources, literacy, crop science

Joeger, Richard, Assistant Professor
Ph.D., University of Minnesota
Teacher and trainer preparation, instructional preferences, instructional design

Leske, Gary, Associate Professor
Ph.D., University of Minnesota
Experiential education, leadership, human research methods, lifework planning

Nordquist, Dale, Professor and Extension Educator
M.S., University of Minnesota
Agricultural finance, planning, farm business management, education

Peterson, Roland, Professor and Head
Ed.D., University of Nebraska
Teacher preparation, teaching methods, curriculum development, rural leadership

Agronomy and Plant Genetics

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

Anderson, Robert N., Professor Emeritus
Ph.D., University of Minnesota
Weed management/U.S. Department of Agriculture, Agricultural Research Service

Barnes, Donald K., Professor Emeritus
Ph.D., Pennsylvania State University
Plant breeding alfalfa

Becker, Roger L., Professor
Ph.D., Iowa State University
Weed management strategies in annual and perennial systems

Behrens, Richard, Professor Emeritus
Ph.D., University of Wisconsin
Weed management

Bernardo, Rex N., Associate Professor
Ph.D., University of Illinois
Plant breeding and genetics, corn

Burnside, Orvin C., Professor Emeritus
Ph.D., University of Minnesota
Alternative weed management systems

Busch, Robert H., Professor Emeritus
Ph.D., Purdue University
Wheat genetics and breeding methods

Cardwell, Vernon B., Professor
Ph.D., Iowa State University
Crop management and physiology

Comstock, Vern E., Professor Emeritus
Ph.D., University of Minnesota
Plant breeding and genetics, flax

Cuomo, Gregory J., Associate Professor
Ph.D., University of Nebraska
Pasture management and ecology

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

Dyck, Elizabeth A., Assistant Professor
Ph.D., University of Maine
Crop/weed ecology

Elhke, Nancy Jo, Professor
Ph.D., Pennsylvania State University
Forage, legumes and turf grasses, genetics, breeding methods

Elling, J. Laddie, Professor Emeritus
Ph.D., University of Minnesota
Plant genetics/plant pathology

Forcella, Frank, Associate Professor
Ph.D., University of Oklahoma
Integrated ecology and management of weeds

Geadelmann, Jon Lee, Adjunct Professor
Ph.D., Iowa State University
Corn breeding and genetics

Gengenbach, Burlie G., Professor
Ph.D., University of Illinois
Corn and soybeans molecular genetics

Gooding, John A., Professor Emeritus
Ph.D., Washington State University
Agronomy—range plant ecology

Gronwald, John W., Professor
Ph.D., University of Illinois
Biological control of invasive weeds in legumes

Gunsolus, Jeffrey L., Associate Professor
Ph.D., University of Nebraska
Crop management in corn and soybeans

Hardman, Leland L., Professor
Ph.D., University of Minnesota
Crupping practices for soybeans, field beans, and oats

Hicks, Dale R., Professor
Ph.D., University of Illinois
Corn and sunflower management

Johnson, Greg, Associate Professor
Ph.D., University of Nebraska
Integrated weed management

Johnson, Hebert W., Professor Emeritus
Ph.D., University of Nebraska
Agronomy—soybean variety development

Jones, Robert J., Professor
Ph.D., University of Missouri
Maize physiology

Joo, Piliu Kim, Adjunct Professor
Ph.D., Cornell University
Crop genetics and international development

Jordan, Nicholas R., Associate Professor
Ph.D., Duke University
Application of plant population biology to agronomic problems

Jung, Hans-Joachim G., Professor
Ph.D., University of Illinois
Cell wall lignification of forages

Lamb, John A., Assistant Professor
Ph.D., University of Nebraska, Lincoln
Forage breeding genetcs

Lueschen, William E., Professor
Ph.D., University of Illinois
Perennial native legumes and weed management in Canola

Marten, Gordon C., Professor Emeritus
Ph.D., University of Minnesota
Forage production and management

Muelbauer, Gary J., Assistant Professor
Ph.D., University of Minnesota
Molecular genetics of wheat and barley

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

Oelke, Ervin, Professor Emeritus
Ph.D., University of Wisconsin
Small grains, wild rice and minor crops management

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

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

Phillips, Ronald L., Regents Professor
Ph.D., University of Minnesota
Crop cytotgenetics

Porter, Paul, Associate Professor
Ph.D., University of Illinois
Crop breeding systems

Rasmussen, Donald C., Professor
Ph.D., University of California, Davis
Barley genetics and breeding

Rines, Howard W., Professor
Ph.D., Yale University
Genetics and biotechnology investigations in oat

Robinson, Robert E., Professor Emeritus
Ph.D., University of Minnesota
Agronomy and soil science

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., Assistant Professor
Ph.D., University of Wisconsin
Barley genetics and breeding

Smith, Lawrence H., Professor Emeritus
Ph.D., Michigan State University
Undergraduate education

Somers, David A., Professor
Ph.D., Washington State University
Crop molecular genetics, genetic engineering

Stucker, Robert E., Professor Emeritus
Ph.D., North Carolina State University

Stuthman, Deon D., Professor
Ph.D., Purdue University
Durable and disease-resistant oats, plant improvement, value-added traits

Vance, Carroll P., Professor
Ph.D., Ohio State University
Physiology/ molecular biology of nitrogen fixation in legumes

Wedin, Walter F., Adjunct Professor
Ph.D., University of Wisconsin
Forage management

Wiersma, Jochum J., Assistant Professor
Ph.D., University of Minnesota
Small grains production and management

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

Animal Science

Arthaud, Raymond L., Professor Emeritus
Ph.D.
Beef cattle

Baidoo, Samuel L., Assistant Professor
Ph.D., University of Alberta
Swine nutrition and management
Faculty and Administration

Berg, Robert W., Professor Emeritus
Ph.D., University of Missouri
Poultry biology

Boylan, William J., Professor Emeritus
Ph.D., University of Illinois
Sheep and swine production systems

Chester-Jones, Hugh, Associate Professor
Ph.D., University of Illinois
Animal reproduction

Christians, Charles, Professor Emeritus
Ph.D., University of Minnesota
Sheep and swine management

Conlin, Bernard J., Professor Emeritus
Ph.D., University of Minnesota
Dairy management systems

Crabo, Bo G., Professor Emeritus
Ph.D., Royal Veterinary College, Copenhagen, Denmark
Animal physiology of reproduction

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

Da, Hang, Assistant Professor
Ph.D., University of Illinois, Urbana
Quantitative and molecular genetics

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

DiCostanzo, Alfredo, Associate Professor
Ph.D., University of Minnesota
Swine nutrition and management

Donker, John D., Professor Emeritus
Ph.D., University of Illinois
Nutritional physiology of ruminants

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

Epley, Richard J., Professor
Ph.D., University of Missouri
Meat science

Foster, Douglas N., Professor
Ph.D., University of California, Davis
Animal physiology

Grant, Ralph S., Professor Emeritus
Ph.D., University of Illinois
Dairy cattle management

Hamre, Melvin L., Professor Emeritus
Ph.D., University of Illinois
Animal physiology

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

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

Hawton, Jerry D., Professor
Ph.D., University of Minnesota
Swine nutrition

Head, William A., Assistant Professor
Ph.D., New Mexico State University
Sheep

Hunter, Alan G., Professor
Ph.D., Michigan State University
Animal physiology

Johnson, Dennis G., Professor
Ph.D., University of Minnesota
Dairy production systems

Johnston, Lee J., Associate Professor
Ph.D., Michigan State University
Swine nutrition and management

Jordan, Robert M., Professor Emeritus
Ph.D., Food and Agriculture Administration
Sheep and horse management

Lamb, G. Cliff, Assistant Professor
Ph.D., Kansas State University
Reproductive physiology and beef cattle management

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

Marx, George D., Professor
Ph.D., University of Minnesota
Dairy management

Meiske, Jay C., Professor Emeritus
Ph.D., University of Minnesota

Mudge, J. William, Professor Emeritus
Ph.D., University of Minnesota

Noll, Sally L., Professor
Ph.D., University of Minnesota

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

Osborn, John W., Professor
Ph.D., Medical College of Virginia
Physiology and neuroscience

Ottery, Donald E., Professor Emeritus
Ph.D., North Carolina State University
From meat to food

Ponce De Leon, F. Abel, Professor and Head
Ph.D., University of Massachusetts
Genome mapping, genetic markers

Rempel, William E., Professor Emeritus
Ph.D., University of Minnesota
Swine genetics and breeding

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

Rust, Joseph W., Professor Emeritus
Ph.D., University of Minnesota

Seykora, Anthony J., Professor
Ph.D., University of Florida

Shoffner, Robert N., Professor Emeritus
Ph.D., University of Florida
Poultry genetics

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

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

Steuerangen, Gerald, Professor and Extension Educator
Ph.D., University of Minnesota
Dairy information management

Waltz, Paul E., Professor Emeritus
Ph.D., University of Wisconsin, Madison
Turkey nutrition

Walker, Roger D., Professor
Ph.D., University of Kentucky
Swine management systems and swine breeding and genetics

Wheaton, Jonathon J., Professor
Ph.D., Oregon State University
Reproductive endocrinology

White, Michael E., Professor
Ph.D., University of Minnesota

Williams, Jesse B., Professor Emeritus
Ph.D., University of Minnesota

Young, Charles W., Professor Emeritus
Ph.D., University of Minnesota

Applied Economics

Apland, Jeffrey D., Professor
Ph.D., Purdue University
Production economics, managerial economics and mathematics

Blank, O. Uel, Professor Emeritus
Ph.D., Michigan State University

Buhr, Brian L., Associate Professor
Ph.D., Iowa State University
Agricultural marketing and price analysis

Cochrane, Willard W., Professor Emeritus
Ph.D., Harvard University

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

Crowson, Buddy G., Associate Professor
M.S., University of Minnesota
Business development

Dahl, Dale C., Professor Emeritus
Ph.D., University of Minnesota
Agricultural marketing and price analysis, agricultural law

Dahl, Donald P., Professor Emeritus
Ph.D., University of Minnesota
Agricultural marketing, futures markets and prices, agriculture

Davis, Elizabeth E., Assistant Professor
Ph.D., University of Michigan
Labor economics, public policy, poverty, rural economics

Easter, K. William, Professor
Ph.D., Michigan State University
Resource economics and development, environment/non-point pollution

Egertson, Kenneth, Professor Emeritus
M.S., University of Minnesota

Eidman, Vernon R., Professor and Head
Ph.D., University of California, Berkeley
Production economics and agribusiness management

Fruin, J. Jeremiah, Associate Professor
Ph.D., University of California, Berkeley
Transportation economics, agricultural marketing and logistic

Fuller, Earl I., Professor Emeritus
Ph.D., University of Minnesota
Farm management, production economics

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

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

Hammond, Jerome W., Professor Emeritus
Ph.D., University of Wisconsin, Madison
Agricultural marketing and pricing

Hawkins, Richard O., Professor Emeritus
M.S., University of Minnesota

Homs, Francis R., Assistant Professor
Ph.D., University of California
Resource economics

Houck, James P., Professor
Ph.D., University of Minnesota
Agricultural prices, policy, and trade

Hoyt, John S., Professor Emeritus
Ph.D., American University of Washington

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

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

Kinsey, Jean D., Professor
Ph.D., University of California, Davis
Consumption economics, retail food distribution

Lazurus, William F., Associate Professor
Ph.D., University of Illinois
Farm business and financial management

Levins, Richard A., Professor
Ph.D., Mississippi State University
Farm management

Liu, Donald J., Associate Professor
Ph.D., University of Minnesota
Agricultural marketing and price analysis, futures and options

Maki, Wilbur R., Professor Emeritus
Ph.D., Iowa State University
Regional economics

Martin, Lee R., Professor Emeritus
Ph.D., Harvard University

Mccullough, Gerard John, Associate Professor
Ph.D., Massachusetts Institute of Technology
Transportation economics and applied economics

Morse, George W., Professor
Ph.D., University of Wisconsin, Madison
Community and regional economics

Nestor, William D., Associate Professor
M.S., University of Minnesota
Agricultural economics

Olson, Kent D., Professor
Ph.D., University of Minnesota
Production economics and farm management, agribusiness management

Parliament, Claudia D., Professor
Ph.D., University of California, Berkeley
Community economic development and economic education

Pederson, Glenn D., Professor
Ph.D., Michigan State University
Agricultural finance, international agricultural development

Polasky, Stephen, Professor and Fesler Lampert Chair and Professor
Ph.D., University of Michigan
Environmental and resource economics, industrial organization

Romp, Philip M., Professor Emeritus
Ph.D., University of Wisconsin
Land economics, world agricultural development

Roe, Terry L., Professor
Ph.D., Purdue University
Economic development, trade, political economy, prices

Rose, Gordon D., Professor Emeritus
Ph.D., South Dakota State University

Rudstrom, Margot, Assistant Professor
Ph.D., Purdue University
Production economics and agricultural marketing

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

Ruttan, Vernon, Regents Professor Emeritus
Ph.D., University of Chicago
Economic development, agricultural research policy and development
Mullan, Jr., Louise M., Assistant Professor
M.S., Ph.D., L.D., Iowa State University
Acceptability and consumption of foods in institutional settings

O'Sullivan, Daniel J., Associate Professor
Ph.D., National University of Ireland
Molecular genetics of lactic acid bacteria, bacteriophage resistance

Parks, Elizabeth J., Assistant Professor
Ph.D., University of California, Davis
Alterations in glucose and fat metabolism in human disease states

Reicks, Marilyn A., Associate Professor
Ph.D., Iowa State University
Role of diet in cancer prevention, nutrition education

Reineccius, Gary A., Professor
Ph.D., Pennsylvania State University
Analysis of food flavors, losses during spray drying

Sapakie, Sidney F., Senior Fellow
M.B.A., University of Minnesota
Product development, food processing

Schaefer, William, Associate Professor
Ph.D., University of Wisconsin, Madison
Food safety/quality, naturally occurring antimicrobial compounds/antioxidants

Schmidl, Mary K., Adjunct Professor
Ph.D., Cornell University
Food chemistry, biochemistry, human nutrition

Slavin, Joan L., Professor
Ph.D., University of Wisconsin, Madison
Dietary fiber, diet/cancer/exercise, human feeding studies

Smith, Charity, Assistant Professor
Ph.D., Indiana University
Domestic and international community nutrition issues

Smith, David E., Professor
Ph.D., University of Wisconsin, Madison
Effects of technology/new ingredients on dairy products

Tatini, Sita R., Professor
Ph.D., Oregon State University
Control of food-borne pathogens, natural antimicrobials

Vickers, Zata M., Professor
Ph.D., Cornell University
Pleasantness/acceptability of foods, attributes and food preferences

Warthesen, Joseph, Professor and Head
Ph.D., Oregon State University
Chemical reactions in food and food analysis, food processing/storage

Willson, Karl S., Lecturer
M.S., Michigan State University
Food packaging, packaging technology

Horticultural Science

Anderson, Neil A., Assistant Professor
Ph.D., University of Minnesota
Floriculture breeding and genetics

Ascher, Peter D., Professor
Ph.D., University of Wisconsin, Madison
Genetics/Floriculture

Becker, Roger L., Associate Professor
Ph.D., Iowa State University
Weed management

Brown, Deborah L., Professor
M.S., University of Minnesota
Consumer horticulture, communications

Carter, John V., Professor
Ph.D., Purdue University
Environmental stress

Cohen, Jerry D., Professor and Bailey Chair
Ph.D., Michigan State University
Plant biochemistry, cellular and molecular biology

Davis, David W., Professor Emeritus
Ph.D., Oregon State University
Vegetable breeding

Desborough, Sharon, Professor Emeritus
Ph.D., University of Wisconsin
Genetics

Eisel, Mervin, Professor Emeritus
M.Ed., University of Minnesota
Extension education—horticulture/orchamentals

Erwin, John E., Associate Professor
Ph.D., Michigan State University
Floriculture

Fritz, Vincent, Associate Professor
Ph.D., Michigan State University
Vegetable physiology

Galatowitsch, Susan M., Associate Professor
Ph.D., Iowa State University
Landscape ecology

Gardner, Gary M., Professor and Head
Ph.D., Harvard University
Growth regulation

Gillman, Jeffrey H., Assistant Professor
Ph.D., University of Georgia
Nursery management

Hackett, Wesley P., Professor Emeritus
Ph.D., University of California, Davis
Ornamental horticulture—plant physiology

Hertz, Leonard P., Professor Emeritus
Ph.D., University of Wisconsin
Weed control, vegetable and fruit crops

Hoover, Emily E., Professor
Ph.D., University of Minnesota
Plant science, director of educational programs, Minnesota Landscape Arboretum

Lauer, Florian, Professor Emeritus
Ph.D., University of Minnesota
Potato breeding and genetics

Li, Pen Hsiang, Professor
Ph.D., Oregon State University
Stress physiology and plant hardiness

Luby, James J., Professor
Ph.D., University of Minnesota
Light quality and genetics

Markhart, Albert H., Professor
Ph.D., Duke University
Environmental physiology

McKinnon, Jane P., Professor Emeritus
M.S., University of Minnesota
Extension horticulture

Meyer, Mary Hockenberry, Assistant Professor and Director, Master Gardener Program
Ph.D., University of Minnesota
Environmental horticulture

Mullin, Robert, Professor Emeritus
Ph.D., University of Minnesota
Orchamentals

Muson, Shirley T., Professor Emeritus
M.S., University of Minnesota
Horticultural food quality evaluation

Nyland, Robert E., Professor Emeritus
Ph.D., University of Minnesota
Vegetable physiology

Olin, Peter J., Associate Professor
M.A., University of Massachusetts
Director of Minnesota Landscape Arboretum

Pedersen, Bradley W., Associate Professor
M.Ed., University of Minnesota
Turf, landscape design

Pellett, Harold M., Professor
Ph.D., Iowa State University
Woody landscape, plant breeding

Rosen, Carl J., Professor
Ph.D., University of California, Davis
Soil fertility, plant nutrition

Smith, Alan G., Associate Professor
Ph.D., University of Florida
Molecular biology of plant development

Sokkino, Joseph R., Professor
Ph.D., University of North Dakota
Potato physiology, carbohydrate metabolism

Stadelmann, Edward J., Professor Emeritus
Ph.D., University of Innsbruck
Plant physiology

Swanson, Bert T., Professor Emeritus
Ph.D., University of Minnesota
Nursery management

Thill, Christian A., Assistant Professor
Ph.D., University of Wisconsin, Madison
Potato breeding and genetics

Tong, Cindy B., Associate Professor
Ph.D., University of California
Postharvest physiology

White, Donald B., Professor
Ph.D., Iowa State University
Turf breeding, physiology, hardness, and nutrition

Widmer, Richard E., Professor Emeritus
Ph.D., University of Minnesota
Floriculture

Wildung, David K., Professor
Ph.D., University of Minnesota
Physiology of fruits, vegetables, and potatoes

Zins, Michael E., Assistant Professor
M.S., University of Minnesota
Extension horticulture

Plant Pathology

Anderson, Neil A., Professor Emeritus
Ph.D., University of Minnesota
Genetics of plant pathogens

Ankstner, Yehoshua, Associate Professor
Ph.D., Tel Aviv University
Plant pathology—parasite relationships

Bier, C. I. , Professor Emeritus
Ph.D., University of Minnesota
Mycologia/toxins and chemotherapy of host parasite relationships

Beyndt, Chad J., Extension Education and Assistant Professor
Ph.D., University of Wisconsin
Postharvest physiology, deterioration of wood products

Bianchette, Robert A., Professor
Ph.D., Washington State University
Botany, virology, mycology, and plant diseases

Borlaug, Norman E., Professor Emeritus
M.S., Ph.D., University of Minnesota
1970 Nobel Peace Prize for the “Green Revolution”

Bushnell, William R., Professor Emeritus
Ph.D., University of Minnesota
Plant pathology

Chatfield, Brian, Professor
Ph.D., University of Washington, Madison
Postharvest physiology

Dill-Macky, Ruth, Assistant Professor
Ph.D., University of Queensland
Small grains pathology

Groothuis, James V., Professor
Ph.D., University of British Columbia
Population genetics of plant pathogens

Herzfeld, Dean E., Associate Professor and Extension Educator
M.S., University of Minnesota
Chemical control, pesticide application training

Jones, Roger K., Associate Professor
Ph.D., North Carolina State University
Diseases of small grains, sugar beets, and potatoes

Juzwik, Jennifer, Assistant Professor
Ph.D., University of Minnesota
Plant pathology

Kinkel, Linda L., Associate Professor
Ph.D., University of Wisconsin, Madison
Epidemiology and microbial ecology

Kommedahl, Thor, Professor Emeritus
Ph.D., University of Minnesota
Biological control of root diseases, diseases of maize

Krupa, Sagar V., Professor
Ph.D., Uppsala University
Effects of air pollutants and global climate change on plants

Kurle, James E., Assistant Professor
Ph.D., University of Minnesota
Fungal diseases of plants

Larsen, Philip O., Professor
Ph.D., University of Arizona
Research administration

Leonard, Kurt J., Professor
Ph.D., Cornell University
Epidemiology of cereal rust diseases

Lockhart, Benham E., Professor
Ph.D., University of California
Virus diseases, diagnostic technology

MacDonald, David H., Professor
Ph.D., Cornell University
Plant parasitic nematodes

McVey, Donald V., Associate Professor
Ph.D., University of Illinois
Cereal rust diseases

Miller, Jeffrey S., Assistant Professor
Ph.D., Washington State University
Etiology and management of potato diseases

Mirocha, Chester J., Professor
Ph.D., University of Minnesota
Microbiology/toxins and chemistry of host parasite relationships

Nyvall, Robert F., Professor
Ph.D., University of Minnesota
Diseases of cultivated wild rice, development of mycotoxins

Perich, James A., Professor
Ph.D., Michigan State University
Plant disease management: wild rice and vegetables

Pfleger, Francis L., Professor and Head
Ph.D., Oregon State University
Vegetable and ornamental plants, ecology of VA (vesicular mycorrhizal fungi)

Powell, Jon F., Assistant Professor
Ph.D., Michigan State University
Etiology and management of turf grass diseases

Roelfs, Alan P., Professor Emeritus
Ph.D., University of Minnesota
Rusts of cereals, physiologic specialization
Ferguson, Richard W., Professor
Ph.D., University of Minnesota
Molecular biology of host-parasite interactions

Stenstra, Ward C., Professor Emeritus
Ph.D., Michigan State University
Soybean corn turf and fruit disease management

Szabo, Les J., Assistant Professor
Ph.D., Oregon State University
Molecular genetics of rust fungi

Windels, Carol E., Professor
Ph.D., University of Minnesota
Field crop diseases

Young, Nevin Dale, Professor
Ph.D., Yale University
Genetic control of disease resistance

Zeyen, Richard J., Professor
Ph.D., University of Minnesota
Physiological and molecular control of disease resistance

Rhetoric
Becker, Sandra. Professor and Extension Educator
M.A., Pennsylvania State University
Video, professional and technical writing

Bennett, J., Michael, Professor Emeritus
M.A.E., University of Florida
Reading and communication

Brown, James I., Professor Emeritus
Ph.D.
Reading

Connolly, James E., Professor Emeritus
Ph.D., University of Minnesota
Speech and organizational communication

Ferguson, Richard W., Professor Emeritus
Ph.D., University of Minnesota
Molecular biology of plant disease resistance

Gore, Warren Y., Professor Emeritus
M.A., University of Iowa
Speech and small group decision making

Graff, Richard J., Assistant Professor
Ph.D., Northwestern University
Rhetorical theory and criticism

Gross, Alan G., Professor
Ph.D., Princeton University
Rhetorical study of history of the pre-scientific article

Gurak, Laura J., Associate Professor
Ph.D., Rensselaer Polytechnic Institute
Rhetoric of science and technology, intellectual property

Holloway, James R., Professor Emeritus
D.D., Sioux Falls College
Speech

Horberg, Richard O., Professor Emeritus
Ph.D., University of Minnesota
Creative writing

Kastman Breuch, Lee-Ann, Assistant Professor
Ph.D., Iowa State University
Communication pedagogy

Lay, Mary M., Professor
Ph.D., University of New Mexico
Rhetoric of midwifery, gender and technical communication

Logie, John, Assistant Professor
Ph.D., Pennsylvania State University
Rhetoric of electronic media, intellectual property

Marchand, William M., Professor
Ph.D., University of Minnesota
History of ideas, conflict between science and religion

McDowell, Earl E., Professor
Ph.D., University of Nebraska, Lincoln
Technical communication apprehension, technical communication

Mikelonis Victoria M., Professor
Ph.D., Indiana University of Pennsylvania
Intercultural communication, design of training materials

Nichols, Ralph G., Professor Emeritus
Ph.D.
Listening and speech

Pearson, Thomas E., Professor Emeritus
Ph.D., University of Denver
Technical communication

Philippone, Daniel J., Assistant Professor
Ph.D., University of Virginia
Environmental rhetoric

Savage, Edward B., Professor Emeritus
Ph.D., University of Minnesota
Literature/English

Scanlan, Thomas M., Associate Professor
Ph.D., University of Minnesota
Landscape as index to cultural values, the pioneer in American life

Schuelke, L. David, Professor Emeritus
Ph.D., Purdue University
Organizational communication

Wahlstrom, Billie J., Professor
Ph.D., University of Michigan
Virtual reality education—modules for distance delivery

Walker, Arthur E., Associate Professor
Ph.D., University of Minnesota
Rhetorical theory and criticism, 18th-century rhetorical theory

Wells, Donald E., Professor Emeritus
Ph.D.
Agricultural journalism

Wharton, W. Keith, Professor Emeritus
Ph.D., Colorado State University
Managerial communication

Wright, Eugene, Professor Emeritus
Ph.D., University of Minnesota
Technical writing

Soil, Water, and Climate
Allan, Deborah L., Professor
Ph.D., University of California, Riverside
Management of roots and rhizosphere processes

Anderson, James L., Professor
Ph.D., University of Wisconsin, Madison
Sewage treatment, water quality, soil survey

Baker, Donald G., Professor Emeritus
Ph.D., University of Minnesota
Climatology

Bell, James C., Associate Professor
Ph.D., Pennsylvania State University
Soil classification/survey, landscape analysis

Bloom, Paul R., Professor
Ph.D., Cornell University
Soil chemistry, environmental chemistry, soil mineralogy

Cheng, H.H., Professor and Head
Ph.D., University of Illinois
Soil biochemistry

* Coopes, Terence H., Professor
Ph.D., Michigan State University
Urban soils, turf grass, environmental education

Eash, Neal S., Assistant Professor
Ph.D., Iowa State University
Soil science

Graham, Peter H., Professor
Ph.D., University of West Australia
Soil biology

Grigal, David F., Professor Emeritus
Ph.D., University of Minnesota
Forest vegetation, air pollutants, forest ecosystems, nutrients

Gupta, Satish Chandler, Professor
Ph.D., Utah State University
Soil physics/management

Halcob, Thomas R., Professor
M.S., University of Wisconsin, Madison
Waste management/remediation

Hansen, Neil C., Associate Professor
Ph.D., University of Minnesota
Soil physics, water quality

Lamb, John A., Associate Professor
Ph.D., University of Nebraska, Lincoln
Agricultural production management systems, soil properties

Larson, William E., Professor Emeritus
Ph.D., Iowa State University

Malzer, Gary L., Professor
Ph.D., University of Wisconsin
Nitrogen, precision agriculture, water quality

Molina, Jean A., Professor
Ph.D., Cornell University
Carbon and nitrogen transformations in soil

Moncrief, John F., Professor
Ph.D., University of Wisconsin
Carbon and nitrogen transformations in soil

Mullin, David J., Professor
Ph.D., University of Wisconsin
Endowed Chair for Soil and Water Resources

Mullin, David J., Professor
Ph.D., University of Wisconsin
Endowed Chair for Soil and Water Resources

Mullin, David J., Professor
Ph.D., University of Wisconsin
Endowed Chair for Soil and Water Resources

Nater, Edward A., Professor
Ph.D., University of California, Davis
Soil genesis/clay mineralogy

Randall, Gyles, Professor
Ph.D., University of Wisconsin, Madison
Soil Science

Rehm, George W., Professor
Ph.D., University of Minnesota
Soil fertility, fertilizer management, water quality

Robert, Pierre C., Professor
Ph.D., University of Minnesota
Precision agriculture, land evaluation, decision support system

Rosen, Carl J., Professor
Ph.D., University of California
Soil fertility, horticultural crops

Rust, Richard H., Professor Emeritus
Ph.D., University of Illinois

Sadovsky, Michael J., Professor
Ph.D., University of Hawaii, Manoa
Environmental microbiology, biodegradation, nitrogen fixation, molecular biology

Schmitt, Michael A., Professor
Ph.D., University of Illinois
Fertilizer, nitrogen, manure

Seeley, Mark W., Professor
Ph.D., University of Nebraska, Lincoln
Climatology

Sims, Albert L., Assistant Professor
Ph.D., North Carolina State University
Soil management

Strick, Jeffrey S., Assistant Professor
Ph.D., North Carolina State University
Soil management and fertility

College of Architecture and Landscape Architecture

Administration
Thomas Fisher, Dean
Lance Neckar, Associate Dean for Curriculum and Academic Affairs
Ann Mayhew, Assistant Dean for Administration
Krista Bergert, Coordinator, External Relations
Susan Bretheim, Development Officer
Craig Johnson, Curator and Coordinator, Academic Resources
Richard Schunn, Technology Director

Faculty
In this faculty listing, R.A. designates licensure as a registered architect; R.I.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; and P.E. designates licensure as a professional engineer.

Architecture
Adams, Robert, Lecturer
M.Arch., Southern California Institute of Architecture

Design
Albertson, Christine, Adjunct Assistant Professor (RA)
M.Arch., University of Pennsylvania
Residential design

Anderson, Lee, Associate Professor
Director of Graduate Studies, Department of Architecture

Bergert, Douglas, Lecturer
M.Arch., Harvard University
Design

Blonskala, Olga, Lecturer
M.Arch., University of Minnesota

Berkovskaya, Olga, Lecturer
M.Arch., University of Minnesota

Blankard, Nancy, Lecturer
B.Arch., Tulane University
Design

Blanski, William, Lecturer (A.I.A.)
M.Arch., Yale University
Design, construction technology, architectural drawing

Buettow, Steve, Lecturer (A.I.A.)
B.Arch., University of Minnesota
Residential and historical architecture
Faculty and Administration

James, Vincent, Adjunct Associate Professor (A.I.A.)
M.Arch., University of Wisconsin, Milwaukee
Building design and construction

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

Kiewel, Harold, Lecturer (R.A.)
M.Arch., University of Minnesota

Kraall, Carolyn, Lecturer (A.I.A.)
B.S., California State Polytechnic University, Pomona
Professional practice, design process

LaDoucet, Janis, Adjunct Assistant Professor (A.I.A.)
M.Arch., University of Wisconsin, Milwaukee

Lammers, James, Lecturer (F.A.I.A.)
M.S., Columbia University
Design for health care, real-estate development

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

 Lew, Douglas, Lecturer
M.F.A., Bradley University
Watercolor

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

Maki, Ann, Lecturer
M.Arch., University of Minnesota

McQuade, Martha, Lecturer
M.Arch., University of Minnesota
Design, representation

§ Meyer, Thomas, Adjunct Associate Professor (A.I.A.)
B.Arch., University of Minnesota
Renovation adaptive re-use, residential design

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

Mullinger, Dale, Adjunct Assistant Professor (A.I.A.)
B.Arch., University of Minnesota
Architect Edwin Lander, pattern language, wall sections

Orton, Charles, Lecturer
M.Arch., Yale University

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

Petersen, Lars, Adjunct Assistant Professor
M.Arch., University of Minnesota
Computers, design

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

Poryczyk, Anna, Lecturer
M.Arch., University of Minnesota

Potts, Kenneth, Lecturer (A.I.A.)
M.Arch., University of Minnesota

Quigley, Timothy, Adjunct Assistant Professor (A.I.A.)
M.Arch., University of Minnesota

Remington, Todd, Lecturer (A.I.A.)
M.Arch., University of Minnesota

Rhoades, Todd, Adjunct Associate Professor (R.A.)
M.Arch., Cranbrook Academy of Art

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

Rockcastle, Garth, Professor (F.A.I.A.)
M.Arch., Cornell University
Theory, urban design, professional ethics and practice

Roe, Sharon, Adjunct Assistant Professor
M.Arch., University of California, Berkeley

§ Snow, Julie, Adjunct Associate Professor (F.A.I.A.)
B.Arch., University of Colorado
Design, practice, construction

Saksowski, Leon, Professor
Ph.D., Harvard University
Architectural history

Schulte, Marcy, Adjunct Assistant Professor (A.I.A.)
M.Arch., North Dakota State University

Scott, Ian, Lecturer
B.Arch., Iowa State University

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

Srivastava, Malini, Lecturer
M.Arch., University of Minnesota
Design, CAD

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

Tollison, Lee, Adjunct Associate Professor (A.I.A.)
M.Arch., University of Pennsylvania
Design-related systems and materials, monastic architecture

Valdes, Marcelo, Lecturer
M.Arch., University of Minnesota

Watson, Gregory, Adjunct Associate Professor (R.A.)
M.Arch., Washington University

Weeks, J. Stephen, Associate Professor (R.A.)
B.Arch., University of Minnesota
Building materials and methods, masonry design

Weiner, Sara, Lecturer (R.A.)
M.Arch., University of Minnesota
Art, architecture

Weinstein, Joshua, Lecturer (R.A.)
B.Arch., Pratt Institute
Architectural and environmental design, hands-on approach to building

Wentzel, Mark, Adjunct Assistant Professor (R.A.)
M.Arch., Syracuse University
Community, institutional, and educational design practice

Westbrook, Thomas, Lecturer
M.Arch., University of Minnesota

Whitcomb, Thomas, Lecturer
B.Arch., University of Minnesota

Wilkins, Craig, Adjunct Associate Professor (R.A.)
M.R.E.U.P., Columbia University
Critical spatial theory, community design strategies, disciplinary social responsibility

Yoo, Jennifer, Adjunct Assistant Professor
M.Arch., University of Minnesota
Urban revitalization, contemporary cities

Landscape Architecture

Abbott, Dean, Adjunct Assistant Professor
M.L.A., Harvard University

Agge, Bradley, Teaching Specialist
B.L.A., University of Minnesota

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

Favour, Joseph, Lecturer
M.L.A., Harvard University

Flynn, Kathe, Lecturer
M.L.A., Harvard University

Galatowitsch, Susan, Associate Professor
Ph.D., Iowa State University

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

Halunen, Todd, Teaching Specialist (A.S.L.A., R.L.A.)
B.L.A., North Dakota State University

Kopischke, Gregory, Teaching Specialist
B.L.A., University of Minnesota

Koepe, John, Associate Professor and Department Head (R.L.A.)
M.L.A., University of Washington

Krince, Rebecca, Assistant Professor
M.F.A., Massachusetts College of Art

§ Martin, Roger B., Professor Emeritus (P.A.S.L.A., R.L.A.)
B.L.A., University of Wisconsin

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

Neckar, Lance, Professor Emeritus
M.L.A., University of California

Olin, Peter, Associate Professor (A.S.L.A., R.L.A.)
M.L.A., Cornell University

Roe, Sharon, Adjunct Assistant Professor
M.Arch., University of California, Berkeley

Shoemaker, James, Lecturer
M.L.A., University of Minnesota

Solomonson, Katherine, Associate Professor
Ph.D., Stanford University

Spencer, Sarah, Professor (R.A.)
M.Arch., University of Minnesota

Tennant, James, Lecturer (R.L.A.)
M.Arch., University of Minnesota

Throbeck, Duane, Adjunct Professor (F.A.I.A.)
M.Arch., University of Minnesota

Van der Meulen, James, Lecturer (R.L.A.)
M.Arch., Harvard University

Whitcomb, Thomas, Lecturer
B.Arch., University of Minnesota

Wilkins, Craig, Adjunct Associate Professor (R.A.)
M.R.E.U.P., Columbia University

Yoo, Jennifer, Adjunct Assistant Professor
M.Arch., University of Minnesota

Urban revitalization, contemporary cities
Regal, Philip J., Professor
Ph.D., University of California, Los Angeles
Evolution, physiological ecology and behavior, and herpetology

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

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

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

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

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

Sterner, Robert W., Professor and Head
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, D. G., Distinguished McKnight University Professor
Ph.D., University of Michigan
Experimental and theoretical population, and community ecology

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

Underhill, James C., Professor Emeritus
Ph.D., University of Minnesota
Ichthyology

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

Zink, Robert M., Professor
Ph.D., University of California, Los Angeles
Ornithology, systematics

**Department of Genetics, Cell Biology, and Development**

Bardwell, Vivian J., Assistant Professor
Ph.D., University of Wisconsin, Madison
Role of transcription factors in cancer

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

Berman, Judith G., Associate Professor
Ph.D., Weizmann Institute of Science
Chromosomes and chromosomal elements

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

Conklin, Kathleen F., Associate Professor
Ph.D., Tufts University
Molecular requirements for tumor induction

Cournovou, Electra, Assistant Professor
Ph.D., Stanford University
Cell death, differentiation, and lineage specification

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

Ekker, Stephen C., Assistant Professor
Ph.D., Johns Hopkins University
Embryonic patterning, zebrafish, Xenopus, transposons, gene discovery

Erlandsen, Stanley L., Professor
Ph.D., University of Minnesota
Electron microscopy, high resolution imaging of cell surfaces

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

Faras, Anthony P., Professor and Head
Ph.D., University of Colorado Medical School
Replication of tumor viruses

Goldstein, Stuart F., Professor
Ph.D., California Institute of Technology
Cell motility, especially flagellated bacteria

Hackett, Perry B., Professor
Ph.D., University of Colorado Medical Center
Gene expression in zebrafish

Hamilton, David W., Professor
Ph.D., Cambridge University
The sperm plasma membrane

Hays, Thomas S., Associate Professor
Ph.D., University of North Carolina
Function of cytoplasmic dynein

Herman, Robert K., Professor
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

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

Johnson, Ross G., Professor
Ph.D., Iowa State University
Cell communication mechanisms

King, Richard A., Professor
Ph.D., Minnesota, M.D.
Jefferson Medical
Genetic regulation of melanin pigmentation

Kirkpatrick, David T., Assistant Professor
Ph.D., Massachusetts Institute of Technology
Recombination and genome stability in yeast

Kuriyama, Ryoko, Professor
Ph.D., University of Tokyo
Mitosis and cell division in animal cells

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

Lefebvre, Paul A., Professor
Ph.D., Yale University
Fertilization protein assembly in *Chlamydomonas*

LeRoy, Bonnie S., Program Director
M.S., Sarah Lawrence College
Education and clinical preparation of genetic counseling professionals

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

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

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

Miller, Jeffrey R., Assistant Professor
Ph.D., Drake University
Cell signaling and adhesion in early vertebrate development

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

O’Connor, Michael B., Professor and Howard Hughes Associate Investigator
Ph.D., Tufts University
Cell signaling and dorsal-ventral patterning in *Drosophila*

Orr, Harry T., Professor
Ph.D., Washington University
Molecular genetics of mammalian development

Porter, Mary E., Associate Professor
Ph.D., University of Pennsylvania
Regulation of dynamin-based motility

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

Ross, M. Elizabeth, Associate Professor
M.D., and Ph.D., Cornell University
Medical College
Mammalian brain development, neurogenetics, gene expression

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

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

Shawten, William, Assistant Professor
Ph.D., Baylor College of Medicine
Genetic control of pattern formation during mouse embryogenesis

Silflow, Carolyn D., Professor
Ph.D., University of Georgia
Microtubule component of the cytoskeleton

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

Simon, Jeffrey A., Associate 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

* Snustad, D. Peter, Professor
Ph.D., University of California, Davis
Components of the cytoskeleton in Arabidopsis

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

Titus, Margaret A., Associate Professor
Ph.D., Brandeis University
Cellular function of unconventional myosins

Van Ness, Brian G., Professor
Ph.D., University of Minnesota
Molecular immunology

Zarkower, David A., Assistant 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., University of Nebraska
Function of chaperone proteins and regulation of gene expression

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

Frenkel, Albert W., Professor Emeritus
Ph.D., University of California, Berkeley
Photosynthesis and photophosphorylation in green plants and photosynthetic bacteria

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

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

* Koukkari, Willard L., Professor
Ph.D., University of New Hampshire
Biological oscillations and temporal organization of plant development

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

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

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

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

* Soulen, Thomas K., Associate Professor
Ph.D., University of Wisconsin, Madison
Metabolic aspects of plant development, control of duckweeds

Wetmore, Clifford M., Professor
Ph.D., Michigan State University
Lichen floristics and air pollution studies

§ Wick, Susan M., Professor
Ph.D., Stanford University
Plant cell biology and plant development


Institute
Evolution of fungi, interactions with plants
Ph.D., Purdue University
Chlamydomonas

Ph.D., Yale University
Identification and regulation of genes involved in early periods of plant microbe symbioses

Sherman, David H., Associate Professor
Ph.D., Columbia University
Antibiotic biosynthesis in Streptomyces

Srienc, Friedrich, Professor
Ph.D., Technical University in Graz, Austria
Fermentation and biochemical engineering

Urry, Dan, Professor
Ph.D., University of Utah
Elastic model proteins and energy conversions

Valentas, Kenneth J., Director
Ph.D., University of Minnesota
Whole crop biofining

Wackett, Lawrence P., Professor
Ph.D., University of Texas, Austin
Biodegradation, metalloenzymes, biotechnology

Plant Molecular Genetics Institute

Barry, Bridgette A., Professor
Ph.D., University of California, Irvine
Photosynthetic membrane proteins

Berman, Judith G., Associate Professor
Ph.D., University of Nebraska
Components of the cytoskeleton in B. cepacia

Silflow, Carolyn D., Professor
Ph.D., University of Georgia
Microtubule component of the cytoskeleton

Smith, Alan G., Associate Professor
Ph.D., University of Florida
 Physiology and molecular genetics of plant development

Somers, David A., Professor
Ph.D., Washington State University
Molecular genetics applied to crop improvement

Szabo, Les, Adjunct Associate Professor
Ph.D., Oregon State University
Molecular genetics in host-parasite interactions of rust diseases on small cereal grains

Vance, Carroll P., Professor
Ph.D., Ohio State University
Biochemistry and molecular biology of N2 fixation and N assimilation: plant molecular adaptations to phosphorous stress and functional genomics of Medicago

Young, Nevin D., Professor and Director
Ph.D., Yale University
Genetics of plant-microbe interactions and plant genomics

General Biology Program and Instructional Laboratories

John S. Anderson, Director of General Biology

Mark Decker, Assistant Education Specialist

Bruce Fall, Associate Education Specialist

Richard Feifer, Education Specialist

Jane Phillips, Coordinator of CBS Instructional Labs

Contributing Faculty From Other University Units

Department of Microbiology—Medical School

Anderson, Dwight L., Professor
Ph.D., University of Minnesota
Bacillus subtilis bacteriophage 0329 morphogenesis

Armstrong, Sandra, Assistant Professor
Ph.D., University of Missouri
Columbia Iron acquisition and gene regulation in Bordetella pertussis

Bey, Russell, Associate Professor
Ph.D., University of Minnesota
Pathogenic mechanisms and immunology

Cleary, Patrick, Professor
Ph.D., University of Rochester, New York
Molecular genetics of streptococcal cell-surface antigens

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

Dworkin, Martin, Professor
Ph.D., University of Texas, Austin
Contact-mediated cell-cell interactions and developmental biology of Myxococcus xanthus

Germaine, Gregory, Professor
Ph.D., University of Minnesota
Human oral bacteria

Haase, Ashley T., Professor and Head
M.D., Columbia College of Physicians and Surgeons
HIV pathogenesis

Hanson, Richard S., Professor
Ph.D., University of Illinois, Urbana
Ecology, biochemistry, and genetics of methylotrophic bacteria

Jemmerson, Ronald, Associate Professor
Ph.D., Northwestern University
b-cell and antibody recognition of protein antigens

Jenkins, Marc K., Professor
Ph.D., Northwestern University
Activation requirements of helper T lymphocytes

Johnson, Russell C., Professor
Ph.D., University of Wisconsin, Madison
Lyme disease host-parasite interactions

McKay, Larry L., Professor
Ph.D., Oregon State University
Plasmid biology, genetics, and applications of lactic acid bacteria

Mohr, Christian, Assistant Professor
Ph.D., University of Texas, San Antonio
Flagellar export and assembly in C. crescentus and B. cepacia

Plagemann, Peter G., Professor
Ph.D., Case Western Reserve University
Mechanisms of regulation of fermentation pathways, and development of Clostridium

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

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

Sherman, David H., Associate Professor
Ph.D., Columbia University
Antibiotic biosynthesis in Streptomyces

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

Watson, Dennis W., Professor Emeritus
Ph.D., University of Wisconsin, Madison
Immunology

Zissler, James F., Professor
Ph.D., University of Rochester, New York
Microbial genetics

Department of Neuroscience—Medical School

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

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

Boland, Linda M., Assistant Professor
Ph.D., University of North Carolina, Chapel Hill
Molecular physiology of ion channels

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

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

Ebner, Timothy J., Professor and 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

Flanders, Martha, Associate 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, Jr., Glenn J., Professor
Ph.D., University of California, Los Angeles
Somatic sensory processing, pain

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

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

Lettourneau, Paul C., Professor
Ph.D., Stanford University
Developmental neurobiology

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

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

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

Pelizzari, Giuseppe, Assistant Professor
Ph.D., University of Geneva, Switzerland
Neural control of cognitive-motor behavior

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

Seybold, Virginia S., Professor
Ph.D., University of Minnesota
Neuroanatomy, neuropharmacology, pain, autonomic nervous system, neuroendocrines
School of Dentistry and Division of Dental Hygiene

Administration
Michael J. Till, D.D.S., Ph.D., Dean, School of Dentistry
Kathleen J. Newell, R.D.H., Ph.D., Director, Division of Dental Hygiene

Faculty
§ Dittmar, Susan, R.D.H., Clinical Dental Specialist
B.S., University of Iowa, Iowa City
Preclinical/clinical dental hygiene, biomaterials, local anesthesia
§ Ingbritson Ellefson, Marilyn H., R.D.H., Clinical Dental Specialist
M.A., University of Minnesota
Preclinical/clinical dental hygiene, patient counseling, continuing education
Newell, Kathleen J., R.D.H., Associate Professor
Ph.D., University of Minnesota
Writing in the curriculum, ethics, diversity, domestic violence
§ Osborn, Joy B., R.D.H., Associate Professor
M.A., University of Minnesota
Periodontology, preclinical and advanced instrumentation, ergonomics
Stoltenberg, Jill L., R.D.H., Associate Professor
M.A., University of Minnesota
Periodontal diseases, dental caries, fluoride, clinical dental hygiene
Young, Lynda J., R.D.H., Associate Professor and Director, Continuing Dental Education
M.A., University of Minnesota
Continuing dental education

College of Education and Human Development

Administration
Steven R. Yussen, Dean
Robert C. Serfass, Associate Dean for Academic Affairs
James Yseldyke, Associate Dean for Research
Mary L. Bents, Assistant Dean, Director of Student & Professional Services
Fred N. Finley, Chair, Department of Curriculum and Instruction
To be announced, Chair, Department of Educational Psychology
James C. Hearn, Chair, Department of Educational Policy and Administration

Jane E. Piliha, Chair, Department of Work, Community, and Family Education
Michael G. Wade, Director, School of Kinesiology and Leisure Studies
Ann S. Masten, Director, Institute of Child Development

Faculty
§ Curriculum and Instruction
Avery, Patricia, Associate Professor
Ph.D., Emory University
Social studies education, history of American education, educational policy
§ Beach, Richard W., Professor
Ph.D., University of Illinois
English education
Buggey, JoAnne, Lecturer
Ph.D., University of Washington
Elementary education, social studies education
Cahill, Carol A., Professor
Ph.D., Syracuse University
Instructional design variables, including learner characteristics
Ceglowski, Deborah, Assistant Professor
Ph.D., University of Illinois, Urbana-Champaign
Early childhood education
§ Cogan, John, Professor
Ph.D., The Ohio State University
Elementary education, social studies education
DiBlasio, Margaret, Associate Professor
Ph.D., The Ohio State University
Art education
Finley, Fred, Associate Professor
Ph.D., Michigan State University
Science education, environmental education
Freedman, Kerry J., Professor
Ph.D., University of Wisconsin, Madison
Curriculum studies, art education
Galda, Lee, Professor
Ph.D., New York University
Children’s literature, response to literature
Graves, Michael F., Professor
Ph.D., Stanford University
Reading and English education
Heller, Patricia A., Associate Professor
Ph.D., University of Michigan
Elementary and science education
Hooper, Simon R., Associate Professor
Ph.D., Pennsylvania State University
Instructional systems and technology
Huffman, Douglas, Assistant Professor
Ph.D., University of Minnesota
Science education
Hughes, Joan, Assistant Professor
Ph.D., Michigan State University
Cognition and technology with specialty areas in technology, teacher learning, and professional development
Johnson, Roger T., Professor
Ed.D., University of California, Berkeley
Elementary and science education, cooperative learning
Kahan, Jeremy, Assistant Professor
Ph.D., University of Maryland
Mathematics education
Kalin, Julie, Assistant Professor
Ph.D., University of California, Berkeley
Teacher education, English education
Lambrecht, Judith, Professor
Ph.D., University of Wisconsin
Computer technology, accounting methods, office and economic education
Lawrenz, Frances, Professor
Ph.D., University of Minnesota
Science education, evaluation
Manning, John, Professor
Ed.D., Boston University
Elementary education, literacy education
Post, Thomas R., Professor
Ph.D., Indiana University
Elementary education, mathematics education
Taylor, Barbara M., Professor
Ed.D., Virginia Polytechnic Institute and State University
Literacy education, reading difficulties
Tedick, Diane J., Associate Professor
Ph.D., The Ohio State University
Second languages and cultures education
Walker, Constance L., Associate Professor
Ph.D., University of Illinois, Urbana-Champaign
Second languages and cultures, serving bilingual populations
§ Watts-Taffe, Susan, Associate Professor
Ed.D., State University of New York, Buffalo
Elementary education, literacy education

§ Educational Policy and Administration
Alexander, Nicola A., Assistant Professor
Ph.D., State University of New York, Albany
Public finance, policy studies, public sector economics, budgeting and cost-benefit analysis
Ammentorp, William M., Professor
Ph.D., University of Chicago
Organizational systems and theory, higher education administration and finance
§ Anderson, Melissa S., Associate Professor
Ph.D., University of Minnesota
Higher education administration and policy, graduate education, ethics and misconduct in science, faculty issues
§ Bagley, Ayes L., Professor
Ph.D., Indiana University
History and philosophy of education, iconography of education
Chapman, David C., Professor
Ph.D., Syracuse University
Educational development, program evaluation, education policy
§ Cogan, John J., Professor
Ph.D., The Ohio State University
Comparative and international development education, social studies and global environment education, citizenship education
Fry, Gerald W., Professor
Ph.D., Stanford University
Development education with areas of concentration in Southeast Asia, research methodology, and development studies
Harkins, Arthur M., Associate Professor
Ph.D., University of Kansas
Educational and workplace futures, knowledge-based learning, advanced technologies for learning personalization, future cultural and educational systems
Hearn, James C., Professor
Ph.D., Stanford University
Postsecondary education policy, policy analysis, educational organization

Johnson, David R., Associate Professor
Ph.D., University of Minnesota
Special education administration, evaluation studies, disability policy analysis, community integration
King, Jean A., Associate Professor
Ph.D., Cornell University
School change, program evaluation, action research, professional development schools
Lewis, Darrell R., Professor
Ph.D., Louisiana State University
Economics of education, economic evaluation, cost effectiveness, faculty development
Louis, Karen Seashore, Professor
Ph.D., Columbia University
Organizational theory, planned change, schools as workplaces, leadership and administration
Matheny, Timothy, Assistant Professor
Ph.D., University of Michigan
State policymaking, business and education reform
§ Paige, R. Michael, Associate Professor
Ph.D., Stanford University
International development education, intercultural education and training, multicultural education
Schneider, Byron J., Associate Professor
Ph.D., University of Chicago
Youth development leadership, youth policy, education in the community
Stout, Karen Evans, Assistant Professor
Ph.D., University of Minnesota
Instructional leadership, educational policy and instructional practice, developmental contexts
Turner, Caroline Satotelle Viernes, Associate Professor
Ph.D., Stanford University
Higher education administration and policy analysis, organizational studies
York-Barr, Jennifer, Associate Professor
Ph.D., University of Wisconsin
Teacher leadership, interprofessional collaborative education, professional development, developmental disabilities

§ Educational Psychology
Erickson, V. Lois, Associate Professor
Ph.D., University of Minnesota
Human development, cognitive development, depth psychology
Counseling and Student Personnel Psychology
Hummel, Thomas J., Professor
Ph.D., Ohio University
Computer applications, experimental design as applied to counseling research
§ McCarthy Veach, Patricia, Professor
Ph.D., The Ohio State University
Counseling process and self-disclosure research, practica, supervision, and counseling
Romano, John L., Professor
Ph.D., Arizona State University
Stress, coping, and wellness; college student development; international education
* Skovholt, Thomas M., Professor
Ph.D., University of Missouri
Professional psychology, counselor training, sex roles
<table>
<thead>
<tr>
<th>School Psychology</th>
<th>Gunnar, Megan R., Professor</th>
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<tbody>
<tr>
<td>Christenson, Sandra L., Professor</td>
<td>Ph.D., Stanford University</td>
</tr>
<tr>
<td>Ph.D., University of Minnesota</td>
<td>Social and biological aspects of development</td>
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<tr>
<th>Karatekin, Canan, Assistant Professor</th>
<th>Ph.D., University of California, Los Angeles</th>
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<td>Cognitive neuroscience, child clinical psychology</td>
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<th>Maratos, Michael P., Professor</th>
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<td>Language development, psycholinguistics</td>
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<th>Masten, Ann S., Professor</th>
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<td>Developmental psychopathology, stress and coping, humor</td>
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<th>Nelson, Charles A., Professor</th>
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<td>Perceptual and cognitive development, cognitive neuroscience</td>
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<th>Pick, Anne D., Professor</th>
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<td>Perceptual development, cognitive processes</td>
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<th>Pick, Jr., Herbert L., Professor</th>
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<th>Sera, Maria D., Associate Professor</th>
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<th>Sroufe, L. Alan, Professor</th>
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<td>Socioemotional development, developmental psychopathology</td>
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<th>Weinberg, Richard A., Professor</th>
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<td>Behavior genetics, assessment, preschool education</td>
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<th>Yonas, Albert, Professor</th>
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<th>Yussen, Steven R., Professor</th>
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<td>Learning</td>
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| Adjunct Faculty | |
|----------------||

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<thead>
<tr>
<th>Borchardt, Carrie M., Professor</th>
<th>M.D., University of Nebraska College of Medicine</th>
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<td>Child and adolescent depression</td>
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<th>Blyth, Dale, Professor</th>
<th>Ph.D., University of Minnesota</th>
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<td>Youth development</td>
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<th>Christenson, Sandra, Associate Professor</th>
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<td>Family-school partnerships, family learning environments</td>
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<th>Grotevant, Harold D., Professor</th>
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<td>Adolescent development, family relationships, adoptive families, family assessment</td>
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<th>Hupp, Susan C., Professor</th>
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<td>Social behavior, personality development</td>
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<th>Leon, Gloria, Professor</th>
<th>Ph.D., University of Maryland</th>
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<td>Eating disorders, stress and coping health psychology</td>
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<th>Luciana, Monica, Assistant Professor</th>
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<td>Neuropsychology, cognitive psychology</td>
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<tr>
<th>McConnell, Scott, Professor</th>
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<td>Early childhood development</td>
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<tr>
<th>Oberg, Charles, Associate Professor</th>
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<th>Shapiro, Elsa G., Associate Professor</th>
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<tr>
<td>Neurology</td>
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<th>Tellegen, Auke, Professor</th>
<th>Ph.D., University of Minnesota</th>
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<td>Personality assessment, personality theory, hypnosis, behavior genetics</td>
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<th>Thomas, Ruth G., Professor</th>
<th>Ph.D., University of Minnesota</th>
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<td>Teaching and learning cognitive theory, parent-child relations</td>
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<tr>
<th>van den Broek, Paulus, Professor</th>
<th>Ph.D., University of Leiden, The Netherlands</th>
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<tr>
<td>Ph.D., University of Chicago Learning, cognition</td>
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<tr>
<th>Warren, Susan L., Assistant Professor</th>
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<td>Emotional development of young children</td>
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<th>Williams, Carolyn L., Associate Professor</th>
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<td>Health care psychology</td>
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<th>■Kinesiology and Leisure Studies, School of Kinesiology</th>
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<th>§ Burton, Allen W., Professor</th>
<th>Ph.D., University of Oregon</th>
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<td>Adapted physical education, motor development, movement skill assessment</td>
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<th>Hancock, Peter A., Professor</th>
<th>Ph.D., University of Illinois</th>
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<td>Human factors, study of time, motor behavior and performance</td>
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<th>Konczak, Jurgen, Assistant Professor</th>
<th>Ph.D., University of Pittsburgh</th>
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<td>Neuromotor control, biomechanics of coordination, pathokinesiology, developmental kinesiology</td>
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<th>Krotee, March L., Associate Professor</th>
<th>Ph.D., University of Pittsburgh</th>
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<tr>
<td>Psychology, sociology, sport management, international and comparative dimensions of sport</td>
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<tr>
<th>Leon, Arthur S., Professor</th>
<th>M.D., University of Wisconsin</th>
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<tr>
<td>Exercise physiology, physical activity’s role in chronic disease</td>
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<tr>
<th>Pickert, Robert R., Assistant Professor</th>
<th>M.A., University of South Dakota</th>
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<td>Physical activity programming, management, coaching, sport facilities, undergraduate advising</td>
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<tr>
<th>Serfass, Robert C., Associate Professor</th>
<th>Ph.D., University of Minnesota</th>
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<td>Exercise physiology, sport training, fitness, sports nutrition</td>
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<tr>
<th>Spetzler, Elizabeth, Education Specialist</th>
<th>M.S., Eastern Michigan University</th>
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<td>Pedagogy, biomechanics</td>
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<tr>
<th>Wade, Michael G., Professor</th>
<th>Ph.D., University of Illinois</th>
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<tr>
<td>Motor skill development, human factors, developmental disabilities, aging</td>
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<tr>
<th>Wiese-Bjornstal, Diane M., Associate Professor</th>
<th>Ph.D., University of Oregon</th>
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<tr>
<td>Sport psychology, youth sport, psychology of sport injury</td>
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<th>Recreation, Park, and Leisure Studies</th>
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<tr>
<th>Anderson, Bruce, Associate Professor</th>
<th>Ph.D., University of Minnesota</th>
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<tr>
<td>Sport management, sports facilities, recreational sports</td>
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</table>
Faculty and Administration

Buyse, JoAnn, Education Specialist
Ph.D., University of Minnesota
Gender issues in sport, social psychology of sport, ethics, media

Kane, Mary Jo, Professor
Ph.D., University of Illinois
Social-psychological parameters of sport/physical activity, women in sports

McAvoy, Leo, Professor
Ph.D., University of Minnesota
Outdoor recreation programs and resources, park planning and management

Outley, Corliss, Assistant Professor
Ph.D., Texas A&M
Youth development, race and ethnicity, outdoor recreation

Tabourne, Carla, Associate Professor
Ph.D., New York University
Recreation therapy, geriatrics, intergenerational programming, comprehensive program and patient management

Music Education

Furman, Charles E., Associate Professor
Ph.D., Florida State University
Music therapy, music education, psychology of music

Haack, Paul A., Professor
Ph.D., University of Wisconsin
Music education, psychology and sociology of music, aesthetics

McCoy, Claire W., Associate Professor
Ph.D., University of Iowa
Music education, choral music, interdisciplinary and movement-based methods, measurement

Schultz, Stephen W., Associate Professor
Ph.D., Northwestern University
Music education, historical aspects, instrumental methods, computers in music

Work, Community, and Family Education

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

Joerg, Richard, Assistant Professor
Ph.D., University of Minnesota
Agricultural, food, and environmental education

Jones, Stephen P., Associate Professor
Ph.D., Iowa State University
Agricultural education and extension, extension education

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

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

Leske, Gary W., Associate Professor
Ph.D., University of Minnesota
Experiential education, leadership development

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

McClelland, Jerry, Associate Professor
Ph.D., Iowa State University
Family education, parent education

* McLean, Gary N., Professor
Ed.D., Columbia University
International management development, organizational quality and productivity, keyboarding

Park, Rosemarie J., Professor
Ed.D., Harvard University
Adult literacy education, workplace literacy, women’s issues

* Peterson, Roland L., Professor
Ed.D., University of Nebraska
Integration of vocational and academic education, curricular development, decision-case development

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

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

Pucel, David J., Professor
Ph.D., University of Minnesota
Education and training systems

Rohde, Nancy J., Assistant Professor
M.A., University of Minnesota: C.A.S., University of Wisconsin
Distance education, continuing education for adults

Rossmann, Marilyn Martin, Associate Professor
Ph.D., University of Minnesota
Family life education, parent education, succession education, work and family relationships

Stone III, James R., Associate Professor
Ed.D., Virginia Polytechnic Institute and State University
Education and work transitions for youth and adults, work-based learning

Swanson, Richard A., Professor
Ed.D., University of Illinois
Human resource development, cost-benefit analysis, performance improvement

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

Youth Development Leadership Cooperating Faculty

Baizerman, Michael, Professor
Ph.D., University of Pittsburgh
Everyday lives of youth, comprehensive work, community, and family education

McAvoy, Leo H., Professor
Ph.D., University of Minnesota
Recreation, outdoor education, adventure training

Schneider, Byron J., Associate Professor
Ph.D., University of Chicago
Education and youth policy

Walker, Joyce A., Professor
Ph.D., University of Minnesota
Community youth organizations, youth policy, youth development leadership

General College

Administration

David V. Taylor, Dean

* Marjorie K. Cowmeadow, Associate Dean and Director of Student Services

Terence G. Collins, Director of Academic Affairs and Curriculum

Rose M. Bixby, Senior Administrative Director

Nancy J. Hugg, Associate to the Dean

Faculty

Adamson, William Delaney (Del), Associate Professor
Ph.D., University of Minnesota
Literature, film and the arts

* Albrecht, Lisa D., Associate Professor
Ph.D., State University of New York, Buffalo
Writing, women’s literature, women’s studies

* Amram, Fred M.B., Professor
M.A., University of Minnesota
Speech communication, creativity

* Brothén, Thomas F., Professor
Ph.D., University of Minnesota
Psychology

Bruch, Patrick L., Assistant Professor
Ph.D., Wayne State University
Writing

* Buckley, Thomas C., Associate Professor
M.A., University of Minnesota
History

Choy, Gregory P., Assistant Professor
Ph.D., Washington University
Lecture

Chung, Carl J., Assistant Professor
Ph.D., University of Minnesota
Philosophy

* Collins, Terence G., Professor
Ph.D., University of Minnesota
Writing, literature

* delMas, Robert C., Assistant Professor
Ph.D., University of North Dakota
Lecture, writing

* Hatch, Jay T., Associate Professor
Ph.D., University of Minnesota
Biology, environment

Higbee, Jeanne L., Associate Professor
Ph.D., University of Wisconsin, Madison
Developmental education

Howarth, Heidi Barajas, Assistant Professor
Ph.D., University of Minnesota
Sociology

Hsu, Leonardo, Assistant Professor
Ph.D., University of California, Berkeley
Physics, physical science

Jacobs III, Walter R., Assistant Professor
Ph.D., Indiana University, Bloomington
Sociology

James, Patricia, Associate Professor
Ph.D., University of Minnesota
Art, creativity

Jensen, Murray S., Associate Professor
Ph.D., University of Minnesota
Biology, anatomy, and physiology

* Johnson, Allen B., Associate Professor
Ph.D., University of Minnesota
Physical science

Johnson, Fred A., Associate Professor
Ph.D., University of Minnesota, J.D., William Mitchell College of Law
Law in society, anthropology

Kahn, Peter T., Assistant Professor
J.D., University of Minnesota
Law, social studies

Kinney, Donald Patrick, Assistant Professor
Ph.D., University of Minnesota
Mathematics

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

* Kroll, Patrick A., Associate Professor
M.A., University of Minnesota
Business studies, accounting

Lee, Amy M., Assistant Professor
Ph.D., University of Massachusetts, Amherst
Writing

Moody, Candy, Professor
Ph.D., University of California, Los Angeles
Biology, botany

Pedelt, Mark H., Assistant Professor
Ph.D., University of California, Berkeley
Social Sciences, anthropology

Reynolds, Thomas J., Assistant Professor
Ph.D., University of Minnesota
Writing

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

* Sirc, Geoffrey M., Associate Professor
Ph.D., University of Minnesota
Writing

Taylor, David V., Associate Professor and Dean
Ph.D., University of Minnesota
History, history of African people

Thoeng, Gail A., Assistant Professor
Ph.D., University of Minnesota
Family studies

Utse, Richard Edward (Rick), Associate Professor
Ph.D., University of New Brunswick
General chemistry, geology, physical science

Wambach, Cathrine A., Associate Professor
Ph.D., University of Minnesota
Psychology

Yahnke, Robert E., Professor
Ph.D., University of Wisconsin, Madison
Literature, film and the arts

College of Human Ecology

Administration

Shirley L. Baughner, Dean

Daniel Detzner, Associate Dean for Academic Affairs

Catherine Solheim, Associate Dean for Extension

Beth Emshoff, Director, Continuing Education and Professional Development

Katherine Maple, Director, Academic Student Services

Sara Nagel, Director, Career Services

John Sonnack, Director, Information Technology

Program Committee Chairpersons

Karen LaBat—Clothing Design

Barbara Martinson—Graphic Design

William Goodman—Family Social Science

Zata Vickers—Food Science
Reineccius, Gary A., Professor Ph.D., Pennsylvania State University Analysis of food flavors, losses during spray drying

Sapakie, Sidney F., Senior Fellow M.B.A., University of Minnesota Product development, food processing

Schafer, H. William, Associate Professor Ph.D., University of Wisconsin, Madison Food safety/quality, naturally occurring antimicrobial compounds/antioxidants

Schmidl, Mary K., Adjunct Professor Ph.D., Cornell University Food chemistry, biochemistry, human nutrition

Slavin, Joan L., Professor Ph.D., University of Wisconsin Dietary fiber, diet/cancer/exercise, human feeding studies

Smith, Chery F., Assistant Professor Ph.D., Indiana University Domestic and international community nutrition issues

Smith, David E., Professor Ph.D., University of Wisconsin Effects of technology/new ingredients on dairy products

Tagini, Sita R., Professor Ph.D., Cornell University Pleasants/sustainability of foods, attributes and food preferences

Waterson, Joseph J., Professor, Head Ph.D., Oregon State University Chemical reactions in food/food analysis, processing/storage

Willson, Karl S., Lecturer M.S., Michigan State University Food packaging, packaging technology

School of Social Work

Abrams, Laura, Assistant Professor Ph.D., University of California Adolescent behavior and development, social welfare history, school-linked services, gender and sexuality

Ahlquist, Ann, Education Specialist M.S.W., A.C.S.W., University of Minnesota Child sexual abuse, violence prevention, child abuse prevention studies, child welfare

Baizerman, Michael, Professor Ph.D., University of Pittsburgh Adolescent and youth studies, youth public policy, adolescent female prostitution

Beeman, Sandra, Associate Professor Ph.D., University of Chicago Child abuse and neglect, violence against women, qualitative research methods, children and families in poverty

Beker, Jerome, Professor Ed.D., Columbia University Group care programs for youth, preparation/professionalization of youth workers, youth organizations

Bradburn, William, Assistant Professor Ph.D., University of Southern California Psychopathology, victim-offender mediation, cognitive-behavioral therapy, group therapy

Brandt, Diane, Education Specialist M.S.W., University of Minnesota Medical social work, older adults and aging, grief, loss, and bereavement

Burke, Kevin, Education Specialist M.S.W., California State University, Sacramento Field instruction, public health, socially marginal groups, chronic illness

Burnison, Mary K., Instructor M.S.W., University of Minnesota Adolescent female development, youth workers, experiential learning

Davila-Williams, Sonia, Coordinator M.S.W., University of Pittsburgh Child welfare, elder mistreatment, services for Chicano/Latino clients, field instruction

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

Gilson, Priscilla, Assistant Professor Ph.D., University of Denver African American grandmothers, child sexual abuse, development of violent behavior, resilience, research methods

Hendrickson, Trude, Education Specialist M.S.W., University of Iowa Child welfare, rural social work, ethical dilemmas in field placements

Hollister, C. David, Professor Ph.D., University of Michigan Program evaluation, organizational analysis of social services, substance abuse and child welfare

Jones, Linda, Associate Professor Ph.D., University of Wisconsin, Madison Lesbian and gay families, women and social policy issues

Kalke, Nan, Education Specialist M.S.W., University of Minnesota, Duluth Family preservation, child welfare, distance education, multi-media courses

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

Lightfoot, Elizabeth, Assistant Professor Ph.D., Indiana University at Bloomington Social welfare policy, disability policy, strategic planning

Lum, Terry, Assistant Professor Ph.D., Washington University Public policy analysis and evaluation, social, economic, and political environments, health care policy

McGee, Gloria, Coordinator and Instructor M.S.W., University of Minnesota Field education, child welfare, substance abuse and social work

Menanteau-Horta, Dario, Professor Ph.D., University of Minnesota Social organization, community change, rural development, Latin America

Michaels, Caroline, Associate Program Director M.P.H., University of North Carolina at Chapel Hill Violence related higher education curriculum development, social influence among adolescents

Miedema, Jannele, Education Specialist M.S.W., University of North Dakota Children, youth, and families, distance education, rural field instruction

Morrissette, Megan, Coordinator and Lecturer Ph.D., University of Minnesota Social welfare history and policy, social history of American women

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

Reinardy, James, Associate Professor Ph.D., University of Minnesota Long-term care issues, assessment of older adults, social welfare policy, community organization.

Rooney, Ronald, Professor Ph.D., University of Chicago Work with involuntary clients, time-limited practice, public social services

Sullivan, Mauna, Program Director M.S.W., University of Minnesota Supervision/consultation in social work, peace and social justice, sexual harassment issues

Toft, Jessica, Education Specialist M.S.W., University of Iowa Child abuse prevention studies, child advocacy, social and community action

Umber, Mark, Professor Ph.D., University of Minnesota Mediation and conflict resolution, courtroom justice, victim issues, violence prevention

Van Slyke, Victoria, Coordinator M.S.W., University of Minnesota Forensic practice, changing models of supervision, impact of trauma

Walters, Gail, Education Specialist M.S.S.W., University of Louisville Field instruction, disability issues, advocacy programs, medical social work

Wattenberg, Esther, Professor M.A., University of Toronto, M.A., University of Chicago Child welfare, welfare reform

Williams, Oliver, Associate Professor Ph.D., University of Pittsburgh Domestic violence, homelessness, families and children, aging, ethno-cultural issues

College of Liberal Arts

Administration

Steven J. Rosenstone, Dean

Ann Waltner, Associate Dean for Academic Programs

Michael Hancher, Associate Dean for Faculty

Barbara Reid, Associate Dean for Planning and Initiatives

Suzanne Bardouche, Chief Financial Officer

Jean Cameron, Assistant Dean of Student Services

Gordon Hirsch, Director of Honors Division

Jose Benavides, Associate Director of Martin Luther King Program

Carl Brantz, Director of Office of Special Learning Opportunities

Mary Hicks, Director of External Relations

Francine Morgan, Director of Human Resources

Faculty

Afro-American and African Studies

Atkins, Keleto, Associate Professor Ph.D., University of Wisconsin, Madison South African history

Brewer, Rose, Associate Professor Ph.D., Indiana University Sociology

Coffman, Victoria, Assistant Professor Ph.D., University of Wisconsin, Madison African history

Farah, Caesar, Professor Ph.D., Princeton University Arab and Islamic studies

Khalek, Hisham, Teaching Specialist M.A., University of Minnesota Political science

McCurdy, Ronald, Professor Ph.D., University of Kansas Jazz ensemble, vocal jazz, jazz improvisation, Afro-American studies

McDowell, Winston C., Visiting Assistant Professor Ph.D., University of Minnesota History

Pate, Alexa, Visiting Assistant Professor B.A., Temple University Journalism, political science

Pike, Charles, Assistant Professor Ph.D., University of Wisconsin, Madison African language and literature

* Reyes, Angelita, Associate Professor Ph.D., University of Iowa Comparative literature

Taborn, John, Associate Professor Ph.D., University of Minnesota Psychology

Wright, John, Associate Professor Ph.D., University of Minnesota Afro-American literature

American Indian Studies

Albers, Patricia, Professor Ph.D., University of Wisconsin Anthropology, ethnography

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

O’Brien-Kehoe, Jean, Associate Professor Ph.D., University of Chicago Indians of the Northeast, U.S. colonial history

Wilkins, David, Associate Professor Ph.D., University of North Carolina, Chapel Hill American Indian sovereignty, tribal government, comparative politics

American Studies

Child, Brenda, Associate Professor Ph.D., Iowa State University History, American Indian boarding schools, multiculturalism

Choy, Catherine, Assistant Professor Ph.D., University of California, Los Angeles Asian Americans, immigration, Philippine history, history of medicine
Delattre, Roland, Professor Emeritus
Ph.D., Yale University
Religion and ethics

May, Elaine Tyler, 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 literature, 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, social psychology and race

Prell, Riv-Ellen, Professor
Ph.D., University of Chicago
U.S. ethnic and gender relations, anthropology, ritual

Yates, Gayle Graham, Professor
Ph.D., University of Minnesota
History, women’s studies

Art

Berdahl, Daphne, Assistant Professor
Ph.D., University of Chicago
Sociocultural anthropology, identity, consumption, memory, gender, Europe, United States

Barlow, Kathleen, Assistant Professor
Ph.D., University of California, San Diego
Psychological anthropology, culture and learning, art and aesthetics; Melanesia

Dunnigan, Timothy, Associate Professor
Ph.D., University of Arizona
Semantic anthropology, linguistic acculturation, Middle America, North America

Gerlach, Luther, Professor
Ph.D., University of London
Natural resources, social movements, political ecology, Africa, United States

Gibson, Guy, Professor
Ph.D., University of Wisconsin, Madison
North American archaeology, history and theory of archaeology, Midwest

Gudeman, Stephen, Professor
Ph.D., University of Cambridge, England
Social, structural, economic anthropology; Latin America

Ingham, John M., Professor
Ph.D., University of California, Berkeley
Culture and personality, symbolic anthropology, Middle America

Lipset, David M., Associate Professor
Ph.D., University of California, San Diego
Social and political anthropology, history of anthropology, Melanesia

McCorriston, Joy, Assistant Professor
Ph.D., Yale University
Archaeobotany and environmental archaeology, neolithic societies, Mediterranean and Near East

Miller, Frank, Professor
Ph.D., Harvard University
Change, development strategies, applied anthropology, Middle America, North America

Ogan, Eugene, Professor Emeritus
Ph.D., Harvard University
Social anthropology, Pacific Island ethnology and history

* Penn, Mischa, Associate Professor
B.A., University of Minnesota
Philosophical anthropology, culture theory, methodology, history of anthropology

Rahaja, Gloria Goodwin, Associate Professor
Ph.D., University of Chicago
Social, cultural, gender, caste; language; colonial discourses; India

Rowe, William, Professor Emeritus
Ph.D., Cornell University
Sociocultural change, colonialism, Marxism, South Asia, New Guinea, Caribbean

* Spector, Janet, Associate Professor
Ph.D., University of Wisconsin, Madison
Archaeology, ethnohistory, environmental archaeology, feminist anthropology, North America

Tappan, Martha, Assistant Professor
Ph.D., Harvard University
Paleoanthropology, paleoenvironments, taphonomy and faunal analyses, ethnoarchaeology

Wells, Peter S., Professor
Ph.D., Harvard University
Culture contact, economic behavior, signs and symbols, prehistoric and medieval Europe

Architecture

Baldwin, Guy, Associate Professor
M.F.A., University of Wisconsin
Sculpture

Bethke, Karl, Professor
M.F.A., University of Minnesota
Printmaking

Bohls, Margaret, Assistant Professor
M.F.A., Louisiana State University
Ceramics

Cowette, Thomas, Associate Professor
B.F.A., Minneapolis College of Art and Design
Drawing, painting

Feinberg, David, Associate Professor
M.F.A., Cranbrook Academy of Art
Drawing, painting

Franklin, Marjorie, Assistant Professor
M.F.A., San Francisco State University
Electronic arts

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

Katsaficas, Mary Diane, Professor
M.F.A., University of Washington, Seattle
Drawing, painting

Kreps, Jerald, Associate Professor
M.F.A., Indiana University
Printmaking

Kuhn, Alexis, Assistant Professor
M.F.A., Stanford University
Drawing, painting

Lane, Thomas, Associate Professor
M.F.A., Pennsylvania State University
Ceramics

Lucey, Susan, Associate Professor
M.F.A., Temple University
Sculpture

* Lyon, Joyce, Associate Professor
M.F.A., University of Minnesota
Drawing, painting

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

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

* Cooper, Frederick, Professor
Ph.D., University of Pennsylvania
Greek art and architecture

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

Poore, Robert, Professor
Ph.D., University of Chicago
East Asian art

Silverman, 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
Ph.D., University of Michigan
European painting, sculpture, and architecture, 17th-18th centuries

Weiberg, Gabriel, Professor
Ph.D., Johns Hopkins University
19th/early 20th-century art, decorative arts, graphic arts

Chicano Studies

Rojas, Guillermo, Associate Professor
Ph.D., University of Illinois
Chicano literature

Valdés, Dennis, Associate Professor
Ph.D., Michigan State University
Chicano history, labor history

Torres, Eden, Assistant Professor
Ph.D., University of Minnesota
Chicano studies

Chinese

Allen, Joseph, Professor
Ph.D., University of Washington
Chinese literature and culture, Taiwan studies

Chen, Jue, Assistant Professor
Ph.D., Princeton University
Pre-modern Chinese fiction and drama

Classical and Near Eastern Studies

Belfiore, Elizabeth, Professor
Ph.D., University of California, Los Angeles
Greek literature, Greek tragedy, philosophy

Berlin, Andrea, Assistant Professor
Ph.D., University of Michigan
Greek, Roman, and Near Eastern archaeology; ancient ceramics

* Cooper, Frederick, Professor
Ph.D., University of Pennsylvania
Greek, Roman art and archaeology, architecture, folklore

* Erickson, Gerald, Professor Emeritus
Ph.D., University of Minnesota
Language pedagogy, social history

Hershbell, Jackson, Professor
Ph.D., Harvard University
Greek literature, philosophy, intellectual history

Keuls, Eva, Professor Emeritus
Ph.D., Columbia University
Greek literature, fine arts, social history

Krevans, Nita, Associate Professor
Ph.D., Princeton University
Hellenistic and Roman literature

Lardinois, André, Assistant Professor
Ph.D., Princeton University
Greek literature, mythology, women’s studies

Levinson, Bernard, Associate Professor and Berman Family Chair in Jewish Studies and Hebrew Bible
Ph.D., Brandeis University
Bible, ancient Near Eastern law

Malandra, William, Associate Professor
Ph.D., University of Pennsylvania
Indo-Iranian philology, history of religions

McNally, Sheila, Professor
Ph.D., Harvard University
Greek and Roman art and archaeology

Nicholson, Oliver, Associate Professor
D.Phil., Oxford University
Late antiquity, later Latin, church history, Byzantium

Olson, S. Douglas, Associate Professor
Ph.D., Bryn Mawr College
Greek poetry

Paradise, Jonathan, Associate Professor
Ph.D., University of Pennsylvania
Ancient Mesopotamia, Hebrew lexicography, language pedagogy, biblical studies

Sellows, 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

Sonkowsky, Robert, Professor
Ph.D., University of North Carolina
Latin literature, oral performance, theater, rhetoric, interactive TV teaching

von Dassow, Eva, Assistant Professor
Ph.D., New York University
Bible and ancient Near East
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lee, Josephine, Assistant Professor</td>
<td>Princeton University</td>
<td>Modern British, American, world drama; performance theory; Asian-American studies</td>
</tr>
<tr>
<td><em>§</em> Leyamsayer, Archibald, Associate Professor</td>
<td>Princeton University</td>
<td>Drama (especially modern), 18th-century literature, verbal and visual satire</td>
</tr>
<tr>
<td>Luke, David, Assistant Professor</td>
<td>State University of New York</td>
<td>Romantic literature (especially Keats), Victorian literature (especially Arnold)</td>
</tr>
<tr>
<td>MacLeish, Andrew, Professor Emeritus</td>
<td>University of Wisconsin</td>
<td>Language and linguistics, history of English language, Middle English</td>
</tr>
<tr>
<td><em>§</em> McNaron, Toni, Professor</td>
<td>University of Wisconsin</td>
<td>Shakespeare, Woolf, Dickinson, lesbian poetry, feminist criticism/pedagogy, Milton</td>
</tr>
<tr>
<td>Messer-Davidow, Ellen, Associate Professor</td>
<td>University of Cincinnati</td>
<td>Literary/cultural theory, feminist studies, 18th-century literature, academic knowledge-production</td>
</tr>
<tr>
<td>Mineur, Valeria, Associate Professor</td>
<td>University of California</td>
<td>Fiction writing, contemporary fiction</td>
</tr>
<tr>
<td>Mowitt, John, Associate Professor</td>
<td>University of Wisconsin</td>
<td>Metacriticism, cultural studies and popular practices (film, music, and literature)</td>
</tr>
<tr>
<td>Rabinoiwitz, Paula, Professor</td>
<td>University of Michigan, Ann Arbor</td>
<td>20th-century American writers, women, minorities, Marxist criticism, feminist autobiography</td>
</tr>
<tr>
<td>Raley, Rita, Assistant Professor</td>
<td>University of California</td>
<td>Hypertext and Internet, postcolonial literature, poststructuralist and postmodernist theory</td>
</tr>
<tr>
<td>Reed, Peter, Professor</td>
<td>University of Washington</td>
<td>20th-century British novel, poetry, and drama</td>
</tr>
<tr>
<td>Ross, Donald, Professor</td>
<td>University of Michigan</td>
<td>American “Renaissance,” theory of novel, computers in writing instruction</td>
</tr>
<tr>
<td>Roth, Marty, Professor</td>
<td>University of Chicago</td>
<td>19th-century American fiction, popular culture, film, culture and addiction</td>
</tr>
<tr>
<td>Scandura, Jani, Assistant Professor</td>
<td>University of Michigan</td>
<td>American literature, theory of fiction, modernism</td>
</tr>
<tr>
<td>Schumacher, Julie, Associate Professor</td>
<td>Cornell University</td>
<td>Fiction writing, contemporary fiction, novels, short stories</td>
</tr>
<tr>
<td>Solotaroff, Robert, Professor</td>
<td>University of Chicago</td>
<td>American literature, theory of fiction, modernism</td>
</tr>
<tr>
<td>Sprengnether, Madelon, Professor</td>
<td>Yale University</td>
<td>Feminist criticism, Renaissance literature, women writers, creative writing</td>
</tr>
<tr>
<td>Stewart, Eileen, Professor</td>
<td>University of Pennsylvania</td>
<td>American folk song, lesbian folklore, “disability” folklore, horror genres</td>
</tr>
<tr>
<td><em>§</em> Sugnet, Charles, Associate Professor</td>
<td>University of Virginia</td>
<td>Shakespeare, novels, feminist criticism, American nature writing, Romantic period</td>
</tr>
<tr>
<td>Watkins, John, Associate Professor</td>
<td>Yale University</td>
<td>Medieval and Renaissance literature, poetry</td>
</tr>
<tr>
<td>* Weinsheimer, Joel, Professor</td>
<td>Ohio University</td>
<td>Late 18th-century literature (especially Johnson, Austen), literary theory</td>
</tr>
<tr>
<td>* Wright, John, Associate Professor</td>
<td>University of Minnesota</td>
<td>American and Afro-American literature, intellectual history, folklore, orality, sociology of literature</td>
</tr>
</tbody>
</table>

**English as a Second Language**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cohen, Andrew, Professor</td>
<td>Stanford University</td>
<td>Applied linguistics, second-language acquisition</td>
</tr>
<tr>
<td>§ Tarone, Elaine, Professor</td>
<td>University of Washington</td>
<td>Applied linguistics, second-language acquisition</td>
</tr>
</tbody>
</table>

**French and Italian**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akehurst, F.R.P., Professor</td>
<td>University of Colorado</td>
<td>Old French language, law, and literature</td>
</tr>
<tr>
<td>Brewer, Daniel, Associate Professor</td>
<td>Johns Hopkins University</td>
<td>Early modern French literature and culture, literary theory</td>
</tr>
<tr>
<td>Brewer, Maria, Associate Professor</td>
<td>Yale University</td>
<td>20th-century literature; theater; literary, cultural theory; gender</td>
</tr>
<tr>
<td>Cherbuliez, Juliette, Assistant Professor</td>
<td>University of Pennsylvania, Philadelphia</td>
<td>17th-century literature and culture</td>
</tr>
<tr>
<td>Ferlito, Susanna, Associate Professor</td>
<td>University of California, Los Angeles</td>
<td>19th-20th century Italian literature and culture</td>
</tr>
<tr>
<td>Kerr, Betsy, Associate Professor</td>
<td>Indiana University</td>
<td>French linguistics, applied linguistics, pragmatics</td>
</tr>
<tr>
<td>Liu, Catherine, Assistant Professor</td>
<td>City University of New York</td>
<td>Classical Age literature and theater, cultural studies</td>
</tr>
<tr>
<td>Martinez, Ronald, Associate Professor</td>
<td>University of California, Santa Cruz</td>
<td>Dante, Renaissance</td>
</tr>
<tr>
<td>Noahes, Susan, Professor</td>
<td>Yale University</td>
<td>Late medieval/early Renaissance French and Italian literature</td>
</tr>
<tr>
<td>Paganini, Maria, Professor</td>
<td>Zurich University, Switzerland</td>
<td>20th-century novel</td>
</tr>
<tr>
<td>Preckshot, Judith, Associate Professor</td>
<td>University of California, Irvine</td>
<td>Francophone and 20th-century literature</td>
</tr>
<tr>
<td>Robinson, Peter, Associate Professor</td>
<td>University of Pennsylvania</td>
<td>19th-century poetry</td>
</tr>
<tr>
<td>Sivert, Eileen, Associate Professor</td>
<td>University of California, Riverside</td>
<td>19th-century narrative, literature of Quebec, women’s studies</td>
</tr>
</tbody>
</table>

**Geography**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, John, S., Professor</td>
<td>University of Kansas</td>
<td>American cities, regional analysis, Russia and environs</td>
</tr>
<tr>
<td>Barrett, Ward, Professor Emeritus</td>
<td>University of California, Berkeley</td>
<td>Middle America, Oceania, historical geography</td>
</tr>
<tr>
<td>Borchert, John, Regents Professor Emeritus</td>
<td>University of Wisconsin</td>
<td>Metropolitan and regional land use planning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
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<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Braun, Bruce W., Assistant Professor</td>
<td>University of British Columbia</td>
<td>Society-environment relations; political ecology; social, cultural theory</td>
</tr>
<tr>
<td>Brown, Dwight, Professor</td>
<td>University of Georgia</td>
<td>Physical geography, cartography, paleoenvironments, water resources, GIS</td>
</tr>
<tr>
<td><em>§</em> Gersmehl, Philip, Professor</td>
<td>University of Georgia</td>
<td>Physical geography, education, North America, geographic information systems</td>
</tr>
<tr>
<td>Hart, John, Professor</td>
<td>University of Wisconsin</td>
<td>Regional geography, North America</td>
</tr>
<tr>
<td>Hsu, Mei Ling, Professor</td>
<td>University of East Asia</td>
<td>cartography (design and automation)</td>
</tr>
<tr>
<td>Klink, Katherine, Assistant Professor</td>
<td>University of Delaware</td>
<td>Climate-biosphere interaction, climate dynamics, quantitative methods</td>
</tr>
<tr>
<td>Leitner, Helga, Professor</td>
<td>University of Vienna</td>
<td>Urban and regional development, international labor migration, Europe</td>
</tr>
<tr>
<td>Lukermann, Fred, Professor Emeritus</td>
<td>University of Minnesota</td>
<td>Historical-geographical thought</td>
</tr>
<tr>
<td>McMaster, Robert B., Associate Professor</td>
<td>University of Kansas</td>
<td>Cartography, geographic information systems, quantitative methods, spatial analysis</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Martin, Judith A., Professor</td>
<td>University of Minnesota</td>
<td>Urban planning, environmental perception</td>
</tr>
<tr>
<td>Mather, Eugene, Professor Emeritus</td>
<td>University of Wisconsin</td>
<td>Rural settlement of the Americas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
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<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Miller, Roger, Associate Professor</td>
<td>University of California, Berkeley</td>
<td>Urban and historical geography, geographical methodology and theory</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Porter, Philip, Professor</td>
<td>University of London</td>
<td>Cartography, Africa, tropical agriclimate, development</td>
</tr>
<tr>
<td>Rice, John, Professor</td>
<td>University of Uppsala</td>
<td>Historical geography, Europe (especially Scandinavian states and Finland)</td>
</tr>
<tr>
<td>Samatar, Abdi, Associate Professor</td>
<td>University of Minnesota</td>
<td>Urban planning, environmental perception</td>
</tr>
<tr>
<td>Smith, Alan, Assistant Professor</td>
<td>Cornell University</td>
<td>Early modern French and Italian literature</td>
</tr>
</tbody>
</table>

**Faculty and Administration**

481
Austrian history
Ph.D., University of Colorado

Contemporary Russia, history of media,
Ph.D., University of Michigan

19th- and 20th-century U.S. legal,
Welke, Barbara, Assistant Professor

Soviet Union
Early modern and modern Germany,
Weitz, Eric, Associate Professor

Low Countries
Modern European political-cultural
Ph.D., University of Wisconsin

Cultural studies
Communication
Carter, Roy, Professor Emeritus

Babcock, William, Associate Professor

Japanese
Kawashima, Terry, Assistant Professor

Pradt, Sarah, Associate Professor

Modern Japanese literature
Szatrowski, Polly, Associate Professor

Modern Japanese language and linguistics

Humanities
Kliger, George, Assistant Professor

Ph.D., University of Minnesota
Modern European philosophy, psychology, literature, art; pre-Muslim India

Music
Faber, Ronald, Professor
Ph.D., University of Wisconsin, Madison
Advertising, mass media effects, political communication

Fang, Irving, Professor
Ph.D., University of California, Los Angeles
Broadcast journalism, communication technology, history of photography, motion pictures

Gerald, J. Edward, Professor Emeritus
Ph.D., University of Minnesota

Media law
* Gillmor, Donald, Professor Emeritus
Ph.D., University of Minnesota
Media and constitutional law, communication agencies as social institutions

Hansen, Kathleen, Associate Professor
M.A., M.L.S., University of Wisconsin, Madison
Information access/communication, sociology of news, bibliographic retrieval

Jones, Robert, Professor Emeritus
Ph.D., University of Minnesota

Advertising
Kirtley, Jane, Professor
J. D., Vanderbilt University
Media law and ethics, international communication, constitutional and administrative law

Lee, Chin Chuan, Professor
Ph.D., University of Michigan
International mass communication, theory and methodology, political communication

Roberts, Nancy, Professor
Ph.D., University of Minnesota
Communication history, magazine writing, literary aspects of journalism

Schwartz, Dona, Associate Professor
Ph.D., University of Pennsylvania
Visual communication, photography, qualitative approaches to mass communication

Sullivan, Dan, 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/methodology, 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
Ph.D., Stanford University
Advertising/marketing, information management, statistics, consumer behavior/attitudes

Languages
Dowing, Bruce, Associate Professor
Ph.D., University of Texas
Syntax, English linguistics, bilingualism

Gundel, Jeanette, Professor
Ph.D., University of Texas
Syntax, semantics, pragmatics, discourse analysis, language processing

Stenson, Nancy, Associate Professor
Ph.D., University of California, San Diego
Syntax, Irish, Celtic, and American Indian languages, applied linguistics

Music
Anderson, John, Professor
Ed.D., Columbia University
Woodwind coordinator, clarinet, pedagogy and literature, woodwind ensembles

Argento, Dominick, Regents Professor Emeritus
Ph.D., Eastman School of Music Composition, orchestration

Artymin, Lydia, Professor
B.A., Philadelphia College of Performing Arts
Piano

Ashworth, Thomas, Associate Professor
M.M., North Texas State University
Trombone, euphonium

Balduin, David, Professor
D.M.A., Yale University
Brass coordinator, 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

Bragnisky, Alex, Professor
D.M.A. (equiv.), Moscow Conservatory
Piano, chamber music

Chemlin, Michael, Associate Professor
Ph.D., Yale University
Tonal and postional theory, analysis; text and music

Damschroder, David, Associate Professor
Ph.D., Yale University
Tonal theory and analysis, history of music theory

del Santo, Jean, Associate Professor
M.M., Indiana University
Voice (soprano), vocal literature, diction

Furman, Charles, Associate Professor
Ph.D., Florida State University
Music therapy, music education, psychology of music

Garrett, Margo, Professor and Ethel Hitchcock Endowed Chair in Accompanying and Coaching
M.M., Manhattan School of Music
Accompanying and coaching

Grayson, David, Professor
Ph.D., Harvard University
Historical musicology, 19th-20th centuries, Debussy studies

Haack, Paul, Professor
M.M., University of Wisconsin
Music education

Harness, Kelley, Assistant Professor
Ph.D., University of Illinois, Urbana-Champaign
Musicology

Jackson, Donna, Professor
Ph.D., Harvard University
Historical musicology, medieval and Renaissance

Kagan, Alan, Associate Professor Emeritus
Ph.D., Indiana University
Ethnomusicology of China and Asia
American fiddle, video documentation

Philosophy
Bowie, Norman E., Professor
Ph.D., University of Rochester
Political philosophy, corporate responsibility, ethics

Dahl, Norman, Professor
Ph.D., University of California, Berkeley
Moral philosophy, ancient philosophy

* Dolan, John M., Associate Professor
Ph.D., Stanford University
Philosophy of language, epistemology, medical ethics
Faculty and Administration

Eaton, Marcia M., Professor
Ph.D., Stanford University
Aesthetics

Giere, Ronald, Professor
Ph.D., Cornell University
Philosophy of science

Gunderson, Keith, Professor
Ph.D., Princeton University
Philosophy of mind, aesthetics, 17th- and 18th-century philosophy

* Hans, William, Professor
Ph.D., Yale University
Logic, philosophy of logic

Hellman, Geoffrey, Professor
Ph.D., Harvard University
Philosophy of natural science, mathematics and logic, aesthetics

Holzman, Sarah, Assistant Professor
Ph.D., University of North Carolina
Ethics, political philosophy, philosophy of law

Hopkins, Jasper, Professor
Ph.D., Harvard University
Ancient and medieval philosophy, philosophy of religion

Kac, Michael, Professor
Ph.D., University of California, Los Angeles
Philosophy of language, formal theories of language

§ Lewis, Douglas, Professor
Ph.D., University of Iowa
17th- and 18th-century philosophy, metaphysics

Longino, Helen, Professor
Ph.D., Johns Hopkins University
Feminist theories of knowledge, philosophy of science, social epistemology

Mason, H. E., Professor
Ph.D., Harvard University
Moral and political philosophy, philosophy of language

Ovens, 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
Ph.D., University of Illinois
Philosophy of language, philosophy of social science

Savage, C. Wade, Professor
Ph.D., Cornell University
Philosophy of science, epistemology, philosophy of psychology

§ Scheman, Naomi, Professor
Ph.D., Harvard University
Feminist theory, epistemology, Wittgeinstein

Tiberius, Valerie, Assistant Professor
Ph.D., University of North Carolina at Chapel Hill
Moral philosophy, metaethics, practical reason

Wallace, John, Professor
Ph.D., Stanford University
Philosophy of language

Watkins, C. Kenneth, Associate Professor
Ph.D., Indiana University
Philosophy of science, epistemology, philosophy of biology

Political Science

§ Dietz, Mary, Professor
Ph.D., University of California, Berkeley
Development of political thought

Disch, Lisa, Associate Professor
Ph.D., Rutgers University
Political theory

Druckman, James, Assistant Professor
Ph.D., University of California, San Diego
American politics, political behavior

§ Duvall, Raymond, Professor
Ph.D., Northwestern University
International relations, comparative political economy

§ Farr, James, Professor
Ph.D., University of Minnesota
Political theory

Flanagan, William, Professor
Ph.D., Yale University
Political behavior, American politics

Fogelman, Edwin, Professor
Ph.D., Princeton University
Political theory

* Freeman, John, Distinguished McKnight University Professor
Ph.D., University of Minnesota
Political economy, methodology

Gray, Virginia, Professor
Ph.D., Washington University
American public policy, comparative state politics

Holt, Robert, Professor
Ph.D., Princeton University
Comparative political systems

Jacobs, Lawrence, Associate Professor
Ph.D., Columbia University
American public policy, American politics

Johnson, Timothy, Assistant Professor
Ph.D., Washington University
American politics, judicial process

Kahl, Colin, Assistant Professor
Ph.D., Columbia University
International relations

Kapstein, Ethan, Professor
Ph.D., Harvard University
Political economy, international relations

Kellner, Daniel, Associate Professor
Ph.D., Yale University
Comparative politics, China

Krislov, Samuel, Professor
Ph.D., Princeton University
Judicial behavior, American politics

Kvavik, Robert, Professor
Ph.D., Stanford University
Political organizations, Scandinavia

Lomazzo, Jeffrey, Assistant Professor
Ph.D., The Johns Hopkins University
Political theory

*Nimtz, August, Professor
Ph.D., University of Nairobi
Africa, comparative and community politics

§ Price, Richard, Associate Professor
Ph.D., Cornell University
International relations

Rahn, Wendy, Associate Professor
Ph.D., University of Minnesota
American politics, political psychology

Richards, Diana, Associate Professor
Ph.D., Yale University
Methodology, international relations

Rosestone, 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, Assistant 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, Professor
Ph.D., Columbia University
Comparative politics, Latin America

Silverstein, Gordon, Assistant Professor
Ph.D., Harvard University
Constitutional law, American politics

* Smith, Steven, Distinguished McKnight University Professor
Ph.D., University of Minnesota
Legislative and executive process

* Sullivan, John, Regents Professor
Ph.D., University of North Carolina
Methodology, political psychology

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, attitude theory, psychology and law, psychology and politics

Bouchard, Thomas, Professor
Ph.D., University of California, Berkeley
Twin studies, adoptees, mental ability, behavior genetics, personality interests

Burkhard, Dwight, Professor
Ph.D., Brown University
Sensory psychobiology: vision, retinal neuron function, human psychophysics

Butcher, James, Professor
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

Cudeck, Robert, Professor
Ph.D., University of Southern California
Quantitative psychology

Dawis, René, Professor Emeritus
Ph.D., University of Minnesota
Vocational psychology, individual differences, psychological measurement, industrial/organizational psychology

Dunnette, Marvin, Professor Emeritus
Ph.D., University of Minnesota
Personnel selection, performance appraisal, task and job analysis

Fletcher, Charles, Associate Professor
Ph.D., University of Colorado
Boulder
Cognitive science, discourse comprehension, memory

Fox, Paul, Professor Emeritus
Ph.D., Tulane University
Human learning and memory, cognition, psychology of instruction

Frazier, Patricia, Associate Professor
Ph.D., University of Minnesota
Counseling and social psychology, coping with stressful life events

Garmezy, Norman, Professor Emeritus
Ph.D., Iowa State University
Clinical psychology, personality, developmental psychopathology, childhood stressors, resistance and resilience

Gewirtz, Jonathan, Assistant 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, J. Oda, Professor
Ph.D., University of Minnesota
Vocational interest measurement, inventory construction, career development, vocational psychology

He, Sheng, Assistant Professor
Ph.D., University of California, San Diego
Human vision and attention, visual awareness, cognitive neuroscience

Iocono, William, Professor
Ph.D., University of Minnesota
Schizophrenia, substance abuse, psychophysiology, detection of deception

* Kersten, Daniel, Professor
Ph.D., University of Minnesota
Perception, computational vision, neural networks, brain imaging

Krueger, Robert, Assistant Professor
Ph.D., University of Wisconsin
Clinical psychology, individual differences, assessment, behavior genetics

Legge, Gordon, Professor
Ph.D., Harvard University
Visual perception

Leon, Gloria, Professor
Ph.D., University of Maryland
Stress and coping in extreme situations, eating disorders

Luciana, Monica, Assistant Professor
Ph.D., University of Minnesota
Neurotransmitters and behavior, prefrontal development, neuropsychology, biology and psychopathology

Lykken, David, Professor Emeritus
Ph.D., University of Minnesota
Personality, psychophysiology, behavior genetics, forensic psychology

Marsolek, Chad, Associate Professor
Ph.D., Harvard University
Human memory and vision and learning, cognitive neuroscience

McGue, Matthew, Professor
Ph.D., University of Minnesota
Behavior genetics, individual differences, substance abuse, aging

Meehl, Paul, Regents Professor Emeritus
Ph.D., University of Minnesota
Clinical, psychometric methods, forensics, taxometrics, philosophy

Ones, Deniz, Assistant 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

§ Peterson, Gail, Associate Professor
Ph.D., Indiana University
Learning and cognition, general behavior theory

Rothman, Alexander, Assistant Professor
Ph.D., Yale University
Social cognition, health beliefs and behavior, persuasion, stereotyping

Sackett, Paul, Professor
Ph.D., Ohio State University
Personnel selection, employment testing, workplace deviance, performance measurement

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 psychology

Tsai, Jeanne, Assistant Professor
Ph.D., University of California, Berkeley
Cultural psychology, emotion, close relationships, minority mental health

Viemeister, Neal, Professor
Ph.D., Indiana University
Auditory perception, psychophysics, models of perceptual processes

Weiss, David, Professor
Ph.D., University of Minnesota
Psychometric methods, computerized adaptive testing, item response theory

■ Slavic and Central Asian Languages and Literatures
§ Bashiri, Iraj, Professor
Ph.D., University of Michigan
Iranian linguistics and literature, Central Asian studies

Corten, Irina, Associate Professor
Ph.D., University of California, Berkeley
Modern Russian and Soviet literature, Soviet culture, Russian

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
Social movements, democratic theory, sociology of higher education, development, race relations

Anderson, Ronald, Professor
Ph.D., Stanford University
Methodology, technology, education, gender, organizations, computer simulations

Bian, Yanjie, Associate Professor
Ph.D., State University of New York, Albany
Stratification, research methods, social networks, China

Boyle, Elizabeth, Assistant Professor
Ph.D., Stanford University
Law, crime, deviance, gender, comparative and political sociology

Broadbent, Jeffrey, Associate Professor
Ph.D., Harvard University
Social movements, environmental sociology, social network analysis, Japan, East Asia

§ Brustein, William, Professor
Ph.D., University of Washington
Political and historical sociology, stratification, social movements, comparative methods, social theory

Donohue, George, Professor Emeritus
Ph.D., Washington State University
Rural sociology, theory

Elison, Scott, Assistant Professor
Ph.D., University of Wisconsin
Cultural and historical sociology, Social organization, developmental change, Latin America

Fulton, Robert, Professor Emeritus
Ph.D., Wayne State University
Sociology of death, AIDS, social stratification

Galaskiewicz, Joseph, Professor
Ph.D., University of Chicago
Organizations, community, social networks

Gertjes, Joseph, Assistant Professor
Ph.D., University of North Carolina, Chapel Hill
Historical and comparative, social movements, class and race, identity, social theory

Hartmann, Douglas, Assistant Professor
Ph.D., University of California, San Diego
Race/ethnicity, cultural sociology, social change, American society, field methods

Johnson, Arthur, Professor Emeritus
Ph.D., University of Minnesota
Religion, applied sociology/evaluation research

Kelly, Erin, Assistant Professor
Ph.D., Princeton University
Organization and work, gender, family, political sociology

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

Kruttschnitt, Candace, Professor
Ph.D., Yale University
Law and criminology and deviance, gender, life course

Laslett, Barbara, Professor
Ph.D., University of Chicago
Historical sociology, family, gender, sociology of knowledge, social theory

Leik, Robert, Professor
Ph.D., University of Wisconsin, Madison
Mathematical models, methods and statistics, family, social psychology, Nordic healthcare

Lutfey, Karen, Assistant Professor
Ph.D., Indiana University
Medical sociology, social psychology, deviance, mental health, qualitative methods

Macmillan, J. Ross, Assistant Professor
Ph.D., University of Toronto
Law and crime and deviance, life course, methodology and statistics, social stratification

Malquist, Carl, Professor
M.D., University of Minnesota
Juvenile justice, homicide, adolescence, law, mental health system

Marini, Margaret, Professor
Ph.D., Johns Hopkins University
Stratification, gender, demography, social theory, quantitative methods, family, life course

Mortimer, Jeylan, Professor
Ph.D., University of Michigan
Life course, social psychology of work, adolescent development

Nelson, Joel, Professor
Ph.D., Yale University
Social stratification, comparative community organization

Reiss, Ira L., Professor Emeritus
Ph.D., Pennsylvania State University
Human sexuality, gender roles, family, theory construction

Savelberg, Joachim, Associate Professor
Dr. rer. pol., University of Trier, Germany
Sociology of law, criminology, theory, comparative

Speer, Stephan, Associate Professor Emeritus
Ph.D., University of Washington
Social psychology, visual sociology, microcomputing

Robyn Stryker, Professor
Ph.D., University of Wisconsin
Sociology of gender, theory, comparative

■ South Asian Languages
§ Junghare, Indira, Professor
Ph.D., University of Texas
Marathi, Hindi, linguistics, culture and civilization of India

■ Spanish and Portuguese Studies
Arenas, Fernando, Assistant Professor
Ph.D., University of California, Berkeley
Luso-Afro-Brazilian studies, critical theory

Ferrán, Ofelia, Assistant Professor
Ph.D., Cornell University
Modern peninsular literature and literary theory

Jara, René, Professor
Ph.D., Arizona State University
Spanish-American literature: narrative, poetry, essay, literary theory, semiotics

Klee, Carol, Associate Professor
Ph.D., University of Texas, Austin
Hispanic linguistics, applied linguistics and sociolinguistics

Machin, Coracio, Assistant Professor
Ph.D., Stanford University
Contemporary Latin American literature, cultural criticism, cultural studies

Mirrer, Louise, Professor
Ph.D., Stanford University
Medieval literature, comparative literature, language development

O’Connell, Joanna, Associate Professor
Ph.D., University of California, Berkeley
Spanish-American literature: Mexico, Caribbean, Central America; feminism

Ocampo, Francisco, Associate Professor
Ph.D., University of Southern California
Hispanic linguistics, syntax and pragmatics

Ramos-Garcia, Luis, Assistant Professor
Ph.D., University of Texas at Austin
U.S. Latino/Latin American theater, literature, cultural studies

Ramos-Gascon, Antonio, Professor
Ph.D., University of California, San Diego
Spanish literature: 18th-20th-century prose and poetry

Spadaccini, Nicholas, Professor
Ph.D., New York University
Spanish Golden Age/colonial literature and culture, comparative literature

Sullivan, Constance, Associate Professor
Ph.D., University of Illinois
18th-20th-century Spanish literature, Spanish feminism

Vidal, Hernan, Professor
Ph.D., University of Iowa
Latin American literature and cultural studies

Zaharreas, Anthony, Professor
Ph.D., Ohio State University
History of Spanish literature: early to modern times

■ Speech-Communication
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
Interpersonal communication and aggression, persuasion and social influence, health, methodology

Hewes, Dean, Professor
Ph.D. Florida State University
Communication theory, small group and organization decision-making

Jensen, V. Norman, Professor Emeritus
Ph.D., University of Minnesota
British public address, argumentation, ethics, rhetoric in Asia

Kinney, Terry, Assistant Professor
Ph.D., University of Wisconsin
Interpersonal communication and aggression, persuasion and social influence, health, methodology

Koerner, Ascan, Assistant Professor
Ph.D., University of Wisconsin
Cognitive processes in interpersonal communication, marital and family communication, persuasion

Rarick, David, Associate Professor
Ph.D., Ohio State University
Communication theory, media ethics, audience analysis, telecommunications media

Schirripa, 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

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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, Assistant Professor
Ph.D., University of Illinois
Media studies, feminist theory, cultural studies, critical theory

Wilson, Kirt, Assistant Professor
Ph.D., Northwestern University
Rhetorical theory, rhetoric, U.S. public address, political persuasion

Statistics

Bingham, Christopher, Professor
Ph.D., Yale University
Directional data analysis, time series analysis, chromobiometry

Chaloner, Kathryn, Professor
Ph.D., Carnegie Mellon University
Bayesian statistics, optimal design, clinical trials, AIDS research

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
Ph.D., Stanford University
Multivariate analysis, probability inequalities, decision theory, Bayesian analysis

Geisser, Seymour, Professor
Ph.D., University of North Carolina
Bayesian inference, model selection, predictivism, sample reuse, diagnostics

Geyer, Charles, Associate Professor
Ph.D., University of Washington
Markov chain Monte Carlo, constrained maximum likelihood, statistical genetics

Ghosal, Subhashis, Assistant Professor
Ph.D., Indian Statistical Institute, Calcutta
Asymptotics, Bayesian inference, nonparametric

Grund, Birgit, Associate Professor
Ph.D., Humboldt-Universität, Berlin
Curve estimation, kernel smoothing, AIDS research

Hawkins, Douglass, Professor
Ph.D., University of the Witwatersrand, Johannesburg, South Africa
Quality improvement, case diagnostics, geostatistics

Jiang, Tiefeng, Assistant Professor
Ph.D., Stanford University
Mathematical biology, pattern recognition, large deviations, Chen-Stein method

Lantz, Kinley, Professor Emeritus
Ph.D., University of Chicago
Categorical data, experimental design, computer methods, medical applications

Lindgren, Bernard, Professor Emeritus
Ph.D., University of Minnesota
Statistical education, general theory

Louie, Thomas, Professor
Ph.D., Columbia University
Biostatistics, empirical Bayes, geostatistics, AIDS research

Martin, Frank, Associate Professor
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

Meehl, Gary, Professor
Ph.D., Yale University
Data analysis, environmental trend analysis, nonparametric regression

Pruitt, Ronald, Associate Professor
Ph.D., University of California, Davis
Nonparametrics, survival analysis

Qiu, Peihua, Assistant Professor
Ph.D., University of Wisconsin, Madison
Nonparametric regression, curve/surface fitting, image processing, calibration

Sudderth, William, Professor
Ph.D., University of California, Berkeley
Probability theory, stochastic games, foundations of statistics

Tieny, Luke, Professor
Ph.D., Cornell University
Reliability, approximate Bayesian inference, statistical computing, dynamic graphics

Wasserman, Larry, Professor
Ph.D., Stanford University
Regression and modeling, diagnostics, graphical methods, computing

Theatre and Dance

Bellamy, Louis, Associate Professor
M.A., University of Minnesota
Directing, acting

Brockman, C. Lance, Professor
M.S., Kansas State Teachers College
Scene design, scene painting

Chatterjee, Ananya, Assistant Professor
Ed.D., Temple University
Dance history and theory

Cheng, Maria, Associate Professor
B.A., University of Minnesota
Modern dance, choreography theory

Gwinup, Martin, Associate Professor
M.F.A., North Carolina School for the Arts
Costume technology

Kane, Stephen, Associate Professor
M.A., University of Minnesota
Directing, acting

Knourek, Pamela, Teaching Specialist
M.F.A., North Carolina School for the Arts
Costume technology

Kobiakla, Michal, Associate Professor
Ph.D., City University of New York
Theatre history/theory; medieval, avant-garde, postmodern theatre, historiography

Kutfinec, Sonja, Assistant Professor
Ph.D., Stanford University
Theatre history, performance art and theory, American theatre

LeFevre, Matthew, Assistant 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

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

Nolt, Charles, Professor Emeritus
Ph.D., University of Minnesota
Theatre history, playwriting

Norwood, James, Associate Professor
Ph.D., University of California, Berkeley
Shakespeare, dramatic literature, humanities

Reid, Barbara, Professor
M.F.A., Yale University
Acting

Sealy, Zoe, Teaching Specialist
Jazz and ballroom dance, musical theatre

Shapiro, Linda, Coordinator
M.A., University of Wisconsin, Madison
Introduction to dance, dance history, technique and composition

Smith, Joan Anne, Associate Professor
M.A., University of California, Los Angeles
Modern dance, choreography

Underiner, Tamara, Assistant Professor
Ph.D., University of Washington
Theatre history, Latin American and post-colonial theatre

Wagner, Sherry, Teaching Specialist
M.B.A., Illinois State University
Theatre management

Women's Studies

Desai, Jigna, Assistant Professor
Ph.D., University of Minnesota
Postcolonialism, Asian-American, South Asian diaspora, globalization, transnational cultural studies

Geiger, Susan, Professor Emeritus
Ph.D., University of Dar es Salaam, Tanzania
African women's history, feminist theory, life history methodology

Kaminsky, Amy, Professor
Ph.D., Pennsylvania State University
Feminist literary theory, Latin American women writers, exile

Longino, Helen, Professor
Ph.D., Johns Hopkins University
Feminist theories of knowledge, gender, philosophy of science

Nagar, Richa, Assistant Professor
Ph.D., University of Minnesota
Feminist ethnography, cultural geography, international feminisms, development theory

Pough, Gwendolyn D., Assistant Professor
Ph.D., Miami University
Black public cultures, black women writers, theorizing black feminisms

§ Scheman, Naomi, Professor
Ph.D., Harvard University
Feminist epistemology, theories of individual and collective identity

Torres, Eden, Assistant 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

Curtis L. Carlson
School of Management

Administration

David S. Kidwell, Dean
Christopher J. Nachtsheim, Associate Dean of Faculty and Research
Robert W. Ruekert, Associate Dean of Students and Academic Programs
Chris Mayr, Director of Development and Alumni Relations
Gary Lindblad, Assistant Dean of M.B.A. Programs
John Remington, Director of Labor Education Service
Thomas Donaldson, Director of Employer Education Service
Frederick R. Jacobs, Director of Graduate Studies, M.B.T. Program
Orville C. Walker, Director of Graduate Studies, Ph.D. Program in Business Administration
Gerald Rinehart, Assistant Dean of Undergraduate Programs
William T. Scheurer, Director of Executive Development Center
John Budd, Director of Graduate Studies, M.A. and Ph.D. Programs in International Relations
Mahmood Zaidi, Co-Director of International Program Development
Michael Houston, Co-Director of International Program Development

Faculty

Accounting

Amershi, Amin, Professor
Ph.D., University of British Columbia
Inflation economics, game theory, decision theory

Antcl, Regina, Assistant Professor
Ph.D., University of Minnesota

Biondich, Nick, Lecturer
M.S., University of North Dakota

Caliendo, Charles, Lecturer
M.B.A., University of Minnesota

Carter, Gary, Lecturer
Ph.D., University of Texas, Austin

Dickhaut, John W., Honeywell Professor 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

§ Gutterman, Paul, Lecturer
L.L.M. in Taxation, New York University

Jacobs, Fred, Lecturer and Director of M.B.A.
Ph.D., University of Wisconsin, Madison

Joyce, Edward J., Professor
Ph.D., University of Illinois
Behavioral decision-making

Kanodia, Chandra, Professor
Ph.D., Carnegie Mellon University
Auditor liability and audit pricing

Mukerji, Arjit, Associate Professor
Ph.D., University of Pittsburgh
Economic theory, game theory, experimental economics
Ph.D., University of Michigan
Market regulations, investor behavior, price discovery, information dissemination

Rayburn, Judy D., Professor
Ph.D., University of Iowa
Capital markets

Shapiro, Brian, Assistant Professor
Ph.D., University of Minnesota

Shroff, Pervin, Assistant Professor
Ph.D., Columbia University

Spero, Andrew, Assistant Professor
Ph.D., Carnegie Mellon University

Tranter, Terry, Lecturer
Ph.D., University of Washington

■ Department of Business Law
Andrew, Albert, Jr., Lecturer and Chairman
L.L.B., University of Minnesota

■ Finance
Alexander, Gordon J., Professor, Minnesota Industry Banking Co-Chair
Ph.D., University of Michigan
Investments, portfolio theory and management

Benveniste, Lawrence, First Bank System Professor of Finance
Ph.D., University of California, Berkeley
Initial public offerings of equity, commercial mortgage default

Benzoni, Luca, Teaching Specialist
Ph.D., Northwestern University—expected 2000
Asset pricing, time series econometrics, empirical finance

Boyd, John H., Professor, Frederick R. Kappel Chair in Business and Government Relations
Ph.D., University of Pennsylvania
Finance and development, financial intermediation, banking

Carkovic, Maria, Clinical Professor
Ph.D., University of California, Los Angeles
International economics, development economics, macroeconomics

Chang, Chun, Associate Professor, Minnesota Industry Banking Co-Chair
Ph.D., Northwestern University
Economics of incentives and information, comparative economic institutions

Gibson, Scott, Assistant Professor
Ph.D., Boston College

Ioffe, Joulia, Assistant Professor
Ph.D., York University
Derivatives, investment, term structure estimation, pricing by arbitrage, fixed income securities

Kidwell, David S., Professor
Ph.D., University of Oregon
U.S. and international banking, fixed income securities

Levine, Ross, Professor
Ph.D., University of California, Los Angeles
International finance, financial regulations and policies, economic development

Nantell, Timothy J., Gelco Professor in Finance
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Corporate finance, corporate restructuring

Polkovichenko, Valery, Teaching Specialist
Ph.D., Northwestern University—expected 2000
Asset pricing, incomplete markets, portfolio choice

Povel, Paul, Assistant Professor
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Financial contracting, corporate finance, corporate restructuring

Rosko, Peter, Associate Professor
Ph.D., University of Michigan
Financial management

Seguin, Paul, Associate Professor
Ph.D., University of Rochester

Singh, Raj, Assistant Professor
Ph.D., Carnegie Mellon University
Corporate finance, auction theory, agency models and mergers and acquisitions, market microstructure

Winton, Andrew, Associate Professor
Ph.D., Wharton School, University of Pennsylvania
Financial contracting, corporate finance

■ Health Care Management
Begun, James, Professor
Ph.D., University of North Carolina, Chapel Hill

Cassirer, Christopher, Associate Professor
Ph.D., Johns Hopkins University
Executive education for health care administrators

Christianson, Jon, Professor
Ph.D., University of Wisconsin

Connor, Robert, Associate Professor
Ph.D., Wharton School, University of Pennsylvania
Market structure and access to service in the health sector

Grant, Leslie, Assistant Professor
Ph.D., University of California, San Francisco
Financing, organization, and delivery of long-term care

Johnson, George, Associate Professor
Ph.D., University of Minnesota
Strategy, organizational structure and effectiveness, health care mergers

Litman, Theodor, Professor
Ph.D., University of Minnesota
Medical sociology, health politics and policy

Madden, Mary Jane, Assistant Professor
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Parente, Stephen, Assistant Professor
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Managed care, health information technology, health economics

Pothoff, Sandra, Assistant Professor
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Decision making in health care

Weckworth, Vernon, Professor
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Variable effects on health service delivery

■ Industrial Relations
Ahlburg, Dennis A., Professor
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Demographic economics, forecasting, labor economics

Arvey, Richard D., Professor
Ph.D., University of Minnesota
Staffing, training, and development

Azevedo, Ross E., Associate Professor
Ph.D., Cornell University
Compensation systems, human resource planning and skills inventories

Ben-Ner, Avner, Professor
Ph.D., State University of New York, Stony Brook
Theory of organization, employee ownership, nonprofit organizations

§ Bognanno, Mario F., Professor
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Labor economics and policy, collective bargaining

§ Budd, John, Associate Professor
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Collective bargaining and industrial relations, labor policy

§ Butler, Richard J., Professor, Williams/Minnesota Insurance Chair
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Workers’ compensation, disability, health economics, discrimination

§ Fossum, John A., Professor
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Compensation

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Applied econometrics, economic theory, economics of information

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Collective bargaining and industrial relations, labor arbitration

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International and comparative industrial relations

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Psychological experience of unemployment, job-seeking behavior

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Organization theory, theory of the firm, monetary economics

Whitman, Andrew, Professor
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Insurance law, coverage and claims, corporate risk management

Zaidi, Mahmood A., Professor
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Labor market analysis, unemployment and industrialized countries

■ Information and Decision Sciences
Adams, Carl R., Professor
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Principal component methodology

Chervany, Norman L., Professor
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Management of technology-based change

Curley, Shawn P., Associate Professor
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Decision and judgment processes, belief processing

Davis, Gordon B., Honeywell Professor in Information Systems
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MIS planning, information requirements determination

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Database management systems, logical data modeling

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Decision making, intelligent systems, knowledge work

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Information technology and financial services

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Database design, information systems development

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Information systems development, application prototyping, telecommunications

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Heterogeneous and distributed database management and integration

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Economics and strategy in management information systems, analysis of IT practices in retail banking firms

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Knowledge management, electronic commerce, management of information systems

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Electronic commerce, the emerging information industry, applications of imaging and multimedia technologies

Xia, Weidong, Assistant Professor
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Organizational impact of information technology, IT infrastructure management, adoption/usage of IT

■ Marketing and Logistics Management
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Interorganizational logistics systems and chain management

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Channels of distribution, pricing

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Growth and development of new businesses

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Marketing and technology

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Visual information processing, measurement and psychometrics

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Marketing research, strategic marketing planning

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Consumer behavior and culture, international marketing

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Children’s consumer behavior, consumer information processing

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Marketing channels, industrial marketing
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Channels

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Pricing
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Marketing strategy, marketing organization and implementation

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Organizational issues in implementation of marketing structures

Operations and Management Science

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Quality management, operations strategy, operations analysis

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Experimental design, optimal design, robust design

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Statistical quality control, quality management, manufacturing planning and control systems

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Operations strategy, quality management, process and product innovation

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Stochastic processes and applied probability, Monte Carlo simulation methodology

Strategic Management and Organization

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Organizational change, metaphor and organizational change

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Corporate responsibility, international business ethics

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Risk-taking in organizations, strategic decision processes

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Strategic adaptation, management of technology

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International competitiveness, firm and industry evolution, corporate governance, businesses in South America

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Antitrust economics, venture capital

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International trade policy, international political economy

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Business ethics, ethics and markets

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Acquisition of competence and organizational learning

Maurer, John J., Associate Professor
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Public school leadership and strategy, executive education

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Global sourcing strategy and management, industrial policy

Nichols, Mary L., Professor
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Competitive advantage, resource-based theory

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Internal and external governance, white collar crime

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Ph.D., Kellogg Graduate School, Northwestern University
Organizational behavior, social networks, group goal setting, negotiation

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Corporate governance, mergers and acquisitions

Van de Ven, Andrew H., Professor, Vernon H. Heath Chair of Organizational Change and Innovation
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Organization and management theory, management of innovation and change

Zaheer, Akbar, Associate Professor
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Competitive advantage for inter-firm relationships

Zaheer, Srilata, Associate Professor
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Dynamic competitive advantage, the process of globalization

Zellner-Bruhn, Mary, Assistant Professor
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Class cultural issues in teamwork, time related effects in organizational behavior

Division of Medical Technology

Administration

Furcht, Leo T., Allen-Pardee Professor and Head, Department of Laboratory Medicine and Pathology
M.D., State University New York, Upstate Medical Center
Cell matrix, basement membranes, tumor metastasis, peptides

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Mortuary Science

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Mortuary law, embalming, restorative art

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Funeral management, history, embalming chemistry, computer science

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Administration

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Bobby L. Berwin, B.A., Assistant to the Dean
Mark S. Ahner, M.S., Director of Development
Joseph D. Funke, M.B.A., Director of Financial Services
Martin H. Moen, M.A., Coordinator of Communications
Barbara A. Coffin, M.S., Coordinator, Institute for Sustainable Natural Resources
James A. Perry, Ph.D., Head, Department of Fisheries and Wildlife
Joseph G. Massie, Ph.D., Head, Department of Wood and Paper Science
Alan R. Ek, Ph.D., Head, Department of Forest Resources
William K. Ganzlin, M.S., Director, Student Services Coordinator, Natural Resources and Environmental Studies
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Philip J. Splett, M.S., Coordinator, Career Services

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Fisheries management, physiology, aquaculture

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Avian ecology and conservation

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Populations, mathematical ecology, ecosystem conservation

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Waterfowl and wetland ecology

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DiGiulio, Glenn D., Associate Professor
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Nutritional and physiological ecology of large mammals

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Raptor ecology

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Human dimensions of biological conservation

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Monitoring and managing large mammal populations

Johnson, Mark R., Associate Professor
Ph.D., Colorado State University
Wildlife handling and techniques for research and management

Jordan, Peter A., Associate Professor
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Ecology and management of mammalian herbivores

Josh, Anup, Research Associate
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Asian mammal conservation

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Fisheries genetics, aquatic biotechnology assessment

Kitts, James R., Professor Emeritus
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Extension education, human-wildlife interactions

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Wolf ecology and behavior

Miller, Loren M., Research Associate
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Fisheries conservation genetics

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Human dimensions of natural resources, environmental management

Newman, Raymond M., Associate Professor
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Aquatic ecology and fisheries management

Pereira, Donald L., Adjunct Assistant Professor
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Population and community dynamics: ecosystem management

Schoenfuss, Heiko L., Research Associate
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Vertebrate morphology and behavior

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

Smith, James L., Associate Professor
Ph.D., University of Michigan
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

Swain, Edward B., Adjunct Assistant Professor
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Effects of air pollution on lakes, fish, and wildlife

Vondracek, Bruce C., Associate Professor
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Stream ecology and restoration

Waters, Thomas F., Professor Emeritus
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Stream ecology

Forest Resources

Alm, Alvin A., Professor Emeritus
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Silviculture, reforestation

Anderson, Dorothy H., Professor
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Recreation resources management and policy analysis

Ascerno, Mark E., Jr., Adjunct Faculty
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Forest entomology: forest and urban plant pest control

Bakuzis, Egilof V., Professor Emeritus
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Forest ecology, ecosystem foundations

Bauer, Marvin E., Professor
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Remote sensing of soils, crops and forests

Baughman, Melvin J., Professor and Assistant Dean
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Policy taxation economics and management

Befort, William A., Adjunct Faculty
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Remote sensing

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Economics, technical change, research planning, evaluation

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Hydrology

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Forest pathology: forest and shade tree diseases

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Management, economics, marketing, and harvesting

Bolstad, Paul V., Associate Professor
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Geographic information systems and forest ecology

Brooks, Kenneth N., Professor
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Forest hydrology, modeling impacts of land use on water resources

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Biometrics: forest growth modeling and experimental design

Carey, Eileen V., Assistant Professor
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Forest ecology, ecophysiology

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Youth development, park and recreation resources

Cushing, Edward J., Adjunct Faculty
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Plant ecology

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Silviculture, ecology, and policy

David, Andrew J., Assistant Professor
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Forest genetics

Eckman, Karlyn, Adjunct Faculty
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Community/social forestry planning

Ek, Alan R., Professor and Head
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Resource survey design, modeling forest dynamics, research planning

Ellefson, Paul V., Professor
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Economics, policy, and administration

Erkkinen, Dan L., Adjunct Faculty
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Resource analysis

Frelich, Lee E., Research Associate
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Forest ecology

Gilmore, Daniel W., Assistant Professor
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Silviculture

Gregersen, Hans M., Professor Emeritus
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Economics, social cost-benefit analysis, international forestry

Grigal, David F., Adjunct Faculty
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Forest soils

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Economics and operations research

Halgren, Alvin R., Professor Emeritus
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Forest management and harvesting

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Silviculture and forest ecology

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Forest survey, DRIMS

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Management and economics: timber supply and harvest scheduling

Irving, Frank D., Professor Emeritus
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Public administration, management, and forest fires management

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Tree physiology

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Johnson, Gary R., Associate Professor
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Urban and community forestry

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Surveying, mapping, photogrammetry

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Forest and environmental policy

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Modeling forest dynamics

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International forestry, economics

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Management of outdoor recreation

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Forest growth modeling

Merriam Jr., Lawrence C., Professor Emeritus
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Recreation resources management

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Remote sensing, aerial photography for natural resources management

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Forest genetics, tree improvement

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Human dimensions of natural resources and environmental management

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Forest hydrology

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Ecophysiology, tree biology

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Forest pathology

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Water quality, aquatic systems monitoring, watershed management

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Forest soils

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Scenic resource management

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Silviculture and forest ecology

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Forest ecology, ecophysiology

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Genetics: tree improvement

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Forest economics, planning models, timber supply analysis

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Ecology of old growth forests

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Multi-resource assessment

Scholten, Harold S., Professor Emeritus  
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Career planning, plant taxonomy

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Wood and Paper Science

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Energy-efficient buildings

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Operations research concepts, process control expert systems

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Nursing role in tobacco cessation

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Exercise as therapeutic intervention for gestational diabetes

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Public health needs of adolescents

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Effects of dietary fiber on colon

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Effects of abuse on women’s health

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Chian, Linda L., Assistant Professor  
Ph.D., University of Minnesota  
Technology and home health nursing, holistic interventions

* Duckett, Laura, Associate Professor  
Ph.D., University of Minnesota  
Variables that affect breastfeeding duration

Edwardson, Sandra, Professor, Dean  
Ph.D., University of Minnesota  
Administrative and health care policy issues

Fairbanks, Dorothy M., Assistant Professor  
M.Ed., University of Minnesota  
Educational methodologies to enhance critical thinking

Felldt, Karen, Assistant Professor  
Ph.D., University of Minnesota  
Quality of life for institutionalized elders

Garwick, Ann, Associate Professor  
Ph.D., University of Minnesota  
Children with chronic disabilities and their families

Gerkensmeyer, Janis  
Ph.D., Indiana University  
Child psychiatric nursing

Giedt, Jane, Associate Professor  
Ph.D., Wayne State University

Gross, Cynthia, Associate Professor  
Ph.D., Yale University  
Quality of life after transplantation

Gustafson, Marilyn R., Associate Professor Emeritus  
Ph.D.

Halcin, Linda, Assistant Professor  
Ph.D., University of Minnesota  
Public health nursing, epidemiology

Hansen, Helen, Ph.D., Assistant Professor  
Ph.D., University of Kansas, Lawrence  
Leadership, collaboration, and systems management

Henly, Susan J., Associate Professor  
Ph.D., University of Minnesota  
Psychometric methods

Hodge, Felicia, Professor  
Ph.D., University of California, Berkeley

Josten, LaVohn, Associate Professor  
Ph.D., University of Minnesota  
Effectiveness of interventions with high-risk families

Kaas, Merrie, Assistant Professor  
D.N.Sc., University of California, San Francisco  
Mental health of elderly women

Kerr, Madeline, Assistant Professor  
Ph.D., University of Michigan  
Health promotion interventions with workers

Kraatz, Elizabeth, Assistant Professor  
Ph.D., Loyola University, Chicago  
Oncology

Krichbaum, Kathleen, Associate Professor  
Ph.D., University of Minnesota  
Quality of long-term care for institutionalized elderly

Leonard, Barbara, Associate Professor, Division Head II  
Ph.D., University of Minnesota  
Fetal alcohol syndrome, juvenile diabetes, Indian health care

Lewis, Marsha, Associate Professor  
Ph.D., University of Minnesota  
Psychiatric mental health nursing practice

Lia-Hoagberg, Betty, Associate Professor  
Ph.D., University of Minnesota  
Pregnancy care, public health interventions

Lindeke, Linda, Assistant Professor  
Ph.D., University of Minnesota  
Maternal child health issues, children with chronic illness

Lindquist, Ruth, Associate Professor, Director of Graduate Studies  
Ph.D., University of Minnesota  
Cardiovascular nursing, critical care nursing, quality of life

Miller, Marilee, Associate Professor, Associate Dean  
Ph.D., University of Minnesota  
Oncology nursing, technology-enhanced learning

Mueller, Christine, Associate Professor  
Ph.D., University of Maryland, Baltimore  
Adult health, gerontology

Peden-McAlpine, Cynthia, Assistant Professor  
Ph.D., Adelphi University, Garden City, New York  
Critical care in nursing, public health nursing

Pederson, Carol, Associate Professor  
Ph.D., Wayne State University  
Promoting comfort in children undergoing painful procedures

Plumbo, Margaret, Instructor  
M.S., C.N.M., University of Minnesota  
Nurse midwifery, women’s health, depression and the family

Post-White, Janice, Associate Professor  
Ph.D., University of Minnesota  
Psychoneuroimmunology and cancer

Sawyc, Elizabeth  
Ph.D., University of Washington  
Adolescent and public health nursing

Snyder, Mariah, Professor, Division Head I  
Ph.D., University of Minnesota  
Nursing interventions, identification and determining efficacy
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s) and Institution</th>
<th>Field</th>
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<tr>
<td>Sabati, Navid</td>
<td>M.S.N., D’Youville College (New York)</td>
<td>Physical therapy</td>
</tr>
<tr>
<td>Ridgeway, Sharon</td>
<td>Ph.D., University of Minnesota</td>
<td>Gerontology, Alzheimer’s disease</td>
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<tr>
<td>Ringdahl, Deborah</td>
<td>M.S., University of Minnesota</td>
<td>Nurse midwife</td>
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<td>Saline, Elaine</td>
<td>M.P.H., University of Minnesota</td>
<td>Mental health and community</td>
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<tr>
<td>Smith, Kevin</td>
<td>M.S.N., F.N.P., University of Kentucky</td>
<td>Family nursing</td>
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<tr>
<td>Steffes, Mary</td>
<td>M.S., University of Minnesota</td>
<td>Adult health, critical care</td>
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<tr>
<td><strong>Institute of Technology</strong></td>
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<td>Administration</td>
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<tr>
<td>H. Ted Davis, Dean</td>
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<tr>
<td>Steven Crouch, Associate Dean, Finance and Planning</td>
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<tr>
<td>Peter Hudleston, Associate Dean, Student Affairs</td>
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<tr>
<td>K.S.P. Kumar, Associate Dean, Academic Affairs</td>
<td></td>
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<tr>
<td>Karen Waltzerstorf, Associate to the Dean</td>
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<tr>
<td>Anne Mockovak, Assistant to the Associate Dean</td>
<td></td>
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<tr>
<td>Richard Hatfield, Director, Development and External Affairs</td>
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<td>Kristine Kosek, Director, Alumni Relations</td>
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<td>Sharon B. Kurt, Director, Career Services</td>
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<td>Susan Ellis Marino, Director, Program for Women</td>
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<tr>
<td>Madonna Monette, Director, Finance</td>
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<tr>
<td>Frank Snowden, Director, Academic Program for Excellence in Engineering and Science</td>
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<tr>
<td>V. Rama Murthy, Director, Lower Division Programs, Mr. and Mrs. George W. Taylor Distinguished Teaching Professor</td>
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<tr>
<td>Robert Pepin, Director, Honors</td>
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<tr>
<td>Benjamin G. Sharpe, Director, Admissions</td>
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<tr>
<td>Paul Sorensen, Director, Communications</td>
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<tr>
<td><strong>Faculty</strong></td>
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<td>In the following list, P.E. designates a professional engineer in Minnesota, unless otherwise indicated.</td>
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<tr>
<td><strong>Aerospace Engineering and Mechanics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balas, Gary J., Associate Professor</td>
<td>Ph.D., California Institute of Technology</td>
<td>Aerospace control systems, experimental and theoretical</td>
</tr>
<tr>
<td>Beavers, Gordon S., Professor</td>
<td>Ph.D., Cambridge University</td>
<td>Experimental fluid mechanics, rheological fluid mechanics</td>
</tr>
<tr>
<td>Candler, Graham V., Professor</td>
<td>Ph.D., Stanford University</td>
<td>Hypersonic aerodynamics, computational fluid dynamics, high-temperature gas physics</td>
</tr>
<tr>
<td>Enna, Dale F., Adjunct Associate Professor</td>
<td>Ph.D., Stanford University</td>
<td>Controls, dynamics, aerelasticity, flight mechanics, dynamical systems</td>
</tr>
<tr>
<td>Erickson, Jerry L., Professor Emeritus</td>
<td>Ph.D., Indiana University</td>
<td>Nonlinear continuum theories on behavior of real materials (crystals and liquid crystals)</td>
</tr>
<tr>
<td>Fodick, Roger L., Professor</td>
<td>Ph.D., Brown University</td>
<td>Thermodynamics and continuum mechanics, nonlinear material behavior</td>
</tr>
<tr>
<td>Garrard, William L., Professor</td>
<td>Ph.D., University of Texas at Austin</td>
<td>Dynamics and control of aerospace vehicles, parachute dynamics</td>
</tr>
<tr>
<td>Hodge, Jr., Philip G., Professor Emeritus</td>
<td>Ph.D., Brown University</td>
<td>Plastic minimum principles, limit analysis and yield-line theory</td>
</tr>
<tr>
<td>Hsiao, C.C., Professor Emeritus</td>
<td>Ph.D., Massachusetts Institute of Technology</td>
<td>Effect of molecular orientation, time on polymeric, composite systems</td>
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<tr>
<td>James, Richard D., Distinguished McKnight University Professor</td>
<td>Ph.D., Johns Hopkins University</td>
<td>Thermodynamics of solids, phase transformations, micromagnetics</td>
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<tr>
<td>Joseph, Daniel D., Regents Professor</td>
<td>Ph.D., Illinois Institute of Technology</td>
<td>Two phase flow, rheology, fluid mechanics, stability bifurcation</td>
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<tr>
<td>Leo, Perry H., Associate Professor</td>
<td>Ph.D., Carnegie Mellon University</td>
<td>Phase transformations, micromechanics of defects in solids, composites</td>
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<tr>
<td>Longmire, Ellen K., Associate Professor</td>
<td>Ph.D., Stanford University</td>
<td>Experimental fluid mechanics, particle laden and multiphase flow</td>
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<tr>
<td>Lundgren, Thomas S., Professor</td>
<td>Ph.D., University of Minnesota</td>
<td>Vortex dynamics, turbulence, two-phase flows, tube transportation systems</td>
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<tr>
<td>Maracic, Ivan, Assistant Professor</td>
<td>Ph.D., University of Melbourne</td>
<td>Experimental and theoretical study of turbulent boundary layers</td>
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<tr>
<td>Mesbah, Mehran, Assistant Professor</td>
<td>Ph.D., University of Southern California</td>
<td>Formation flying of satellites</td>
</tr>
<tr>
<td>Plunkett, Robert Professor</td>
<td>Sc.D., Massachusetts Institute of Technology</td>
<td>Structural dynamics, fluid-solid interaction, composite materials, vibrational control</td>
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<tr>
<td>Shield, Thomas W., Associate Professor</td>
<td>Ph.D., University of California</td>
<td>Experimental solid mechanics, mechanics of materials, fracture mechanics</td>
</tr>
<tr>
<td>Stolarik, Eugene, Associate Professor</td>
<td>M.S., University of Minnesota</td>
<td>Flight mechanics of aircraft and reentry vehicles, V/STOL, aerodynamics</td>
</tr>
<tr>
<td>Tezduyas Tayfun E., Distinguished McKnight University Professor</td>
<td>Ph.D., California Institute of Technology</td>
<td>Computational applied fluid mechanics, computational aerospace engineering</td>
</tr>
<tr>
<td>Truskovinsky, Lev, Associate Professor</td>
<td>Ph.D., Academy of Sciences, U.S.S.R.</td>
<td>Nonlinear continuum mechanics, thermodynamics, fracture, phase transformations, geophysics</td>
</tr>
<tr>
<td>Vano, Andrew</td>
<td>B.A.E., University of Minnesota</td>
<td>FAA DER (Flight Analyser, structures, systems and equipment, Powerplant installation and Test Pilot). Aircraft and spacecraft design, flight testing, project management</td>
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<tr>
<td>Warner, William H., Professor</td>
<td>Ph.D., Carnegie Institute of Technology</td>
<td>Optimization methods in mechanics, biorthogonal series for solutions of polynomaric equations</td>
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<tr>
<td>Wilson, Theodore A., Associate Professor</td>
<td>Ph.D., Cornell University</td>
<td>Respiratory mechanics, modeling lung structure and deformation, respiratory flow</td>
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<tr>
<td>Zhao, Yi Yuan, Associate Professor</td>
<td>Ph.D., Cornell University</td>
<td>Guidance/control, optimization, dynamics, air traffic management</td>
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<tr>
<td><strong>Astronomy</strong></td>
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<tr>
<td>Davidson, Kris, Professor</td>
<td>Ph.D., Cornell University</td>
<td>Theoretical astrophysics, luminous stars, primordial element abundances</td>
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<td>Dickey, John, Professor</td>
<td>Ph.D., Cornell University</td>
<td>Galactic and extragalactic radio astronomy, neutral hydrogen studies</td>
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<td>Gehrz, Robert, Professor and Director, Mt. Lemmon and O’Brien observatories</td>
<td>Ph.D., University of Minnesota</td>
<td>Infrared astronomy, novae, comets</td>
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<td>Humphreys, Roberta, Professor</td>
<td>Ph.D., University of Michigan</td>
<td>Luminous stars, stellar evolution, optical spectroscopy, galactic structure</td>
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<tr>
<td>Jones, Terry, Professor and Assistant Director, Mt. Lemmon and O’Brien observatories</td>
<td>Ph.D., University of Hawaii</td>
<td>Infrared astronomy, late type stars, polarimetry</td>
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<td>Jones, Thomas, Professor</td>
<td>Ph.D., University of Minnesota</td>
<td>Computational astrophysics, cosmic ray production, supernovae remnants, shocks</td>
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<td>Kuhl, Leonard, Professor</td>
<td>Ph.D., University of California</td>
<td>Young stellar objects, optical spectroscopy</td>
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<td>Rudnick, Lawrence, Professor</td>
<td>Ph.D., Princeton University</td>
<td>Galactic and extragalactic radio astronomy, supernova remnants</td>
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<td>Skillman, Evan, Professor</td>
<td>Ph.D., University of Washington</td>
<td>Extragalactic observational astronomy, cosmic elemental abundances, dwarf galaxies</td>
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<td>Woodward, Paul, Professor and Director of Laboratory for</td>
<td>Ph.D., University of California</td>
<td>Computational astrophysics, numerical techniques</td>
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<td><strong>Bioengineering</strong></td>
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<td>Bhattacharya, Minral, Professor</td>
<td>Ph.D., University of Nebraska</td>
<td>Food engineering, extrusion processing, starch/protein-based polymers</td>
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<td>Boedicker, James, Adjunct Associate Professor</td>
<td>Ph.D., North Carolina State University</td>
<td>Machinery systems, livestock environment</td>
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<td><strong>Engineering and Technology</strong></td>
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<td>Strutters, Roxanne</td>
<td>Ph.D., University of Minnesota</td>
<td>American Indian health and health care</td>
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<td>Urueta, Romana, Assistant Professor</td>
<td>M.S., University of California, Los Angeles</td>
<td>Pediatric nursing</td>
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<td>Wyman, Jean, Professor</td>
<td>Ph.D., University of Washington</td>
<td>Urinary incontinence, behavioral interventions, quality of life</td>
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<td>Zwygart-Stauffacher, Mary, Associate Professor</td>
<td>Ph.D., University of Wisconsin</td>
<td>Oldest old women’s health care issues and concerns</td>
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<td><strong>Education Specialists</strong></td>
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<td>Alaniz, Kären</td>
<td>Ph.D., University of Minnesota</td>
<td>Asthma self-management in children, chronic illness in children</td>
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<td>Allard, Karen</td>
<td>M.S., University of Minnesota</td>
<td>Adult health, critical care</td>
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<td>Bata-Jones, Ronnie</td>
<td>M.S., F.N.P., University of North Dakota, Grand Forks</td>
<td>Prevention of unintended pregnancy, evaluation of public health nursing practice</td>
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<td>Daniels, Jessie</td>
<td>M.S., University of Iowa</td>
<td>Medical surgical nursing</td>
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<td>Friedrich, Cheri</td>
<td>M.S., University of Minnesota</td>
<td>Pediatrics</td>
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<td>Hanninen, Linda</td>
<td>M.S., University of Minnesota</td>
<td>Maternal child health</td>
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<td>Juce, Cathy</td>
<td>Ph.D., University of Minnesota</td>
<td>Diabetes education</td>
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<tr>
<td>Kanda, Ronald</td>
<td>M.P.H., University of Minnesota</td>
<td>Prevention of unintended pregnancy, evaluation of public health nursing practice</td>
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<td>Lent, Sandra</td>
<td>M.S., University of Minnesota</td>
<td>Substance abuse in pregnancy</td>
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<td>Matsuura, Gloria</td>
<td>M.S., C.N.M., University of Minnesota</td>
<td>Infantile colic, otitis media, disease prevention</td>
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<td>Nygaard, Georgia</td>
<td>M.S., A.N.P., College of St. Catherine, St. Paul</td>
<td>Primary care of adults</td>
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<td>Poe, Christine</td>
<td>Ph.D., University of Iowa</td>
<td>Gerontology</td>
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<td>Poel, Christine</td>
<td>M.P.H., University of Minnesota</td>
<td>Pediatric nurse practitioner</td>
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<td>Quast, Sharon</td>
<td>M.P.H., University of Minnesota</td>
<td>Education/mental health and pediatrics, role modeling</td>
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<td>Rowan, Mary</td>
<td>Ph.D., University of Minnesota</td>
<td>Maternal-child health/childbearing families</td>
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<td>Vellenga, Barbara A., Associate Professor</td>
<td>Ph.D., Michigan State University</td>
<td>Caregivers’ perceptions</td>
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<td>Wyman, Jean, Professor</td>
<td>Ph.D., University of Washington</td>
<td>Urinary incontinence, behavioral interventions, quality of life</td>
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<td>Zwygart-Stauffacher, Mary, Associate Professor</td>
<td>Ph.D., University of Wisconsin</td>
<td>Oldest old women’s health care issues and concerns</td>
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<td><strong>Biology</strong></td>
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</tbody>
</table>
Lodge, Timothy, Professor
Ph.D., University of Wisconsin
Analytical, materials, and physical chemistry

§ Mann, Kent, Professor
Ph.D., California Institute of Technology
Inorganic chemistry

McNeill, Kristopher, Assistant Professor
Ph.D., University of California, Berkeley
Environmental chemistry

§ Miller, Larry, Professor
Ph.D., University of Illinois, Urbana-Champaign
Organic and materials chemistry

Miller, Wilmer, Professor
Ph.D., University of Wisconsin
Physical chemistry

Munson, Eric, Assistant Professor
Ph.D., Texas A&M University
Analytical, materials, and physical chemistry

Musier-Forsyth, Karin, Associate Professor
Ph.D., Cornell University
Biological and physical chemistry

Noland, Wayland, Professor
Ph.D., Harvard University
Organic chemistry

O’Doherty, George, Assistant Professor
Ph.D., Ohio State University
Organic chemistry

§ Pignolet, Louis, Professor
Ph.D., Princeton University
Inorganic and materials chemistry

Que, Larry, Professor
Ph.D., University of Minnesota
Inorganic and biological chemistry

Raftery, Michael, Professor
Ph.D., National University of Ireland
Biochemistry

Roberts, Jeffrey, Associate Professor
Ph.D., Harvard University
Physical, inorganic, and materials chemistry

Siepmann, J. Ilja, Assistant Professor
Ph.D., University of Minnesota
Analytical chemistry

§ Stankovich, Marian, Professor
Chemistry
Ph.D., University of Texas
Inorganic, physical, and materials chemistry

Stein, Andreas, Assistant Professor
Ph.D., University of Toronto
Inorganic, physical, 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

Veigia, Gianluigi, Professor
Ph.D., University of Rome
Physical chemistry

York, Darrin, Assistant Professor
Ph.D., University of North Carolina
Physical, theoretical, and computational chemistry

Zhu, Xiaoyang, Associate 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, hydropower, noise generated by fluid flow

Arnold, William A., Assistant Professor
Ph.D., Johns Hopkins University
Transformations of anthropogenic chemicals aquatic systems, importance of abiotic vs. biotic redoxants, partitioning and fate of organic chemicals

Barnes, Randall J., Associate Professor
Ph.D., Colorado School of Mines
Applied statistics, mathematical modeling, groundwater mechanics

Breznik, Patrick L., Professor
Ph.D., University of Wisconsin
Impacts of human activity on water quality/chemistry

Capel, Paul D., Adjunct Associate Professor
Ph.D., University of Minnesota
Environmental water chemistry, chemodynamics, fate and transport

Couch, Steven L., Professor
Ph.D., University of Minnesota
Boundary element methods applied to rock mechanics problems

Cundal, Peter, Adjunct Professor
Ph.D., Imperial College
Numerical modeling, micromechanical models of soils and rocks

Davis, Gary A., Associate 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, poreelasticity

§ Dexter, Robert J., Associate Professor
Ph.D., University of Texas
Steel structures, fatigue and fracture, welding, wind loading

§ Dresscher, 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

Gulliver, John S., Professor
Ph.D., University of Minnesota
Environmental fluid mechanics, chemical fate and transport

Guzina, Bojan B., Assistant Professor
Ph.D., University of Colorado
Mathematical modeling of wave propagation, seismic site characterization

§ Hajjar, Jerome F., Associate Professor
Ph.D., Cornell University
Steel structures, composite structures, nonlinear analysis, testing, design

Hondzo, Miki, Associate Professor
Ph.D., University of Minnesota
Experimental work and numerical prediction techniques in environmental fluid dynamics

Hozalski, Raymond M., Assistant Professor
Ph.D., Johns Hopkins University
Water/wastewater treatment, biofilms, natural organic matter characterization

§ Johnson, Gerald W., Associate Professor
Ph.D., University of Wisconsin, Madison
Developing new applications of surveying and mapping

Kwon, Eil, Adjunct Assistant Professor
Ph.D., University of Minnesota
Transportation systems, traffic control

§ Labuz, Joseph F., Associate Professor
Ph.D., Northwestern University
Experimental geomechanics, fracture of quasi-brittle materials

Levinson, David M., Assistant Professor
Ph.D., University of California, Berkeley
Transportation economics and financing, network deployment, integrated transportation and land use planning

Michalopoulos, Panos G., Professor
Ph.D., University of Florida
Traffic engineering operations and control, traffic flow theory

Novak, Paige J., Assistant Professor
Ph.D., University of Iowa
Toxic compound biodegradation, interactions between anaerobes and metals

Parker, Gary, Professor
Ph.D., University of Minnesota
River engineering, mechanics and morphology and oceanic sedimentation

Porte-Agel, Fernando, Assistant Professor
Ph.D., Johns Hopkins University
Fluid mechanics in the environment, hydrology, micrometeorology, atmospheric boundary layer, turbulence transport

Schultz, Arturo E., Assistant 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., Assistant Professor
Ph.D., University of Illinois, Urbana-Champaign
Solid mechanics modeling, composite materials

§ Smith, Karl A., Associate Professor
Ph.D., University of Minnesota
Project management, leadership, modeling, systems, engineering education

§ Snyder, Mark B., Associate Professor
Ph.D., University of Illinois, Urbana-Champaign
Pavement design, analysis and rehabilitation, concrete materials/durability

Song, Charles C. S., Professor Emeritus
Ph.D., University of Minnesota
Computational hydrodynamics, hydraulic transients, fluid mechanics, systems analysis

Stefan, Heinz G., Professor
Ph.D., University Paul Sabatier, Toulouse, France
Water quality modeling, environmental fluid mechanics, hydraulic structures

§ Stolarski, Henryk K., Associate 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, The Netherlands
Computer and mathematical modeling of groundwater and transport

Voller, Vaughan R., Professor
Ph.D., Sanderson Polytechnic, UK
Numerical modeling of free and moving boundary problems

Computer Science

Boley, Daniel, Associate Professor
Ph.D., Stanford University
Numerical analysis, linear algebra, control theory

Carlip, John, Associate Professor
Ph.D., University of Minnesota
Database systems

Du, David Hung-Chuang, Professor
Ph.D., University of Washington, Seattle
High-speed networking, multimedia applications, high-performance computing

Du, Ding-Zhu, Professor
Ph.D., University of California, Santa Barbara
Complexity theory, theory of computation, combinatorial optimization

Fox, David W., Professor Emeritus
Ph.D., University of Maryland
Applied mathematics, eigenvalue problems

Gini, Maria, Professor
Doctor of Physics, University of Milan
Artificial intelligence, robotics

Heimdal, Mats, Assistant Professor
Ph.D., University of California, Irvine
Software engineering, safety critical systems

Hsu, Wei, Associate Professor
Ph.D., University of Wisconsin, Madison
Compiler optimization, run-time optimization systems, system architectures

Interrante, Victoria, Assistant 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

Konstan, Joseph, Assistant Professor
Ph.D., University of California, Berkeley
Human-computer interaction, collaborative filtering, multimedia systems, hypermedia

Kumar, Vinip, Professor
Ph.D., University of Maryland
Parallel processing, data mining

Norberg, Arthur, Professor
Ph.D., University of Wisconsin
History of science and technology

Papanikolopoulos, Nikolaos, Associate Professor
Ph.D., Carnegie Mellon University
Robotics, computer vision, sensors for transportation applications

Park, Haesun, Professor
Ph.D., Cornell University
Numerical analysis, parallel computing

Riedl, John, Associate Professor
Ph.D., Purdue University
Collaborative systems, database systems, fault tolerance, computer networks, object-oriented systems

FACULTY AND ADMINISTRATION

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Faculty and Administration

Saad, Yousef, Professor  
Doctoral, University of Grenoble, France  
Sparse matrix computations, parallel computation, eigenvalue properties, nonlinear equations

Shekhar, Shashi, Associate 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, J. Ajdeep, Associate Professor  
Ph.D., University of California, Berkeley  
Databases, multimedia systems, distributed computing

Tripathi, Anand, Associate Professor  
Ph.D., University of Texas at Austin  
Distributed and network computing systems, object-oriented programming

Tsai, Wei-Tek, Professor  
Ph.D., University of California, Berkeley  
Software engineering, Internet/intranet computing and software systems

Voyles, Richard, Assistant Professor  
Ph.D., Carnegie Mellon University  
Real-time systems, robotics, multiagent systems, teleaction

Weissman, Jon, Assistant 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

Zhang, Zhi-Li, Assistant Professor  
Ph.D., University of Massachusetts  
Computer networking and multimedia systems

Earth Sciences

Alexander, J., E. Calvin, Professor  
Ph.D., University of Missouri, Rolla  
Hydrogeology, karst hydrogeology and geomorphology, isotope geochemistry, groundwater pollution

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

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  
Paleoecology, larnnchronology, geochemistry

Hirschmann, Marc M., Assistant Professor  
Ph.D., University of Washington  
Geochemistry and experimental petrology, igneous petrogenesis, mantle melting

Hooke, Roger LeB., Professor  
Ph.D., California Institute of Technology  
Geomorphic geology, glaciation, experimental and theoretical modeling of hydrothermal systems

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

Johnson, Robert, Adjunct Faculty  
Ph.D., Iowa State University  
Mechanisms of climate change

Karato, Shun-Ichiro, Professor  
Ph.D., University of Tokyo  
Mineral physics and geodynamics, energy transfer in terrestrial planets

Kelts, Kerry R., Professor  
Ph.D., Swiss Federal Institute of Technology (ETH)  
Lithospheric geophysics, biosphere/interactive systems

Kirby, Kent C., Adjunct Faculty  
Ph.D., University of Wisconsin, Madison  
Sedimentary geology, petroleum geology

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

McSwigen, Peter, Adjunct Faculty  
Ph.D., University of Minnesota  
Microbeam analysis and image processing

Miller, J. James D., Adjunct Faculty  
Ph.D., University of Minnesota  
Geologic mapping, geology, metallogeology

Morey, G. B., Professor  
Ph.D., University of Minnesota  
Geologic mapping, stratigraphy, economic geology, Minnesota geology

Moskowitz, Bruce M., Associate Professor  
Ph.D., University of Minnesota  
Rock magnetism, paleomagnetism, bioGeomagnetism

Murthy, V. Rama, Professor  
Ph.D., Yale University  
Geochemistry of the mantle, radiogenic isotope systematics

Paola, Christopher, Professor  
Sc.D., Massachusetts Institute of Technology/ Woods Hole Oceanographic Institution  
Sedimentology, fluvial processes and morphology, stratigraphy

Patterson, Carrie J., Adjunct Faculty  
Ph.D., University of Minnesota  
Glacial processes, Minnesota glacial history, ice sheet dynamics

Person, Mark, Associate Professor  
Ph.D., Johns Hopkins University  
Computational hydrogeology, continental rift basin hydrodynamics

Pflanck, Hans-Olaf, Professor  
Dr.Ing, Paris University  
Hydrogeology, groundwater-surface interactions, hydrocarbon contamination of shallow aquifers

Runkel, Anthony C., Adjunct Faculty  
Ph.D., University of Texas at Austin  
Stratigraphic and sedimentologic attributes of Paleozoic strata

Seylefied, Jr., William E., Professor  
Ph.D., University of Southern California  
Aqueous geology, glaciation, experimental and theoretical modeling of hydrothermal systems

Southwick, David L., Professor  
Ph.D., Johns Hopkins University  
Minnesota geology and hydrogeology, structural geology, metamorphic petrology, tectonics

Stout, James H., Professor  
Ph.D., Harvard University  
Petrology, geochemistry, materials science, igneous and metamorphic petrology

Teyssier, Christian, Professor  
Ph.D., Monash University  
Structural geology and tectonics, orogenic processes, deformation and microstructures

Weiblen, Paul W., Professor Emeritus  
Ph.D., University of Minnesota  
Precambrian geology of Minnesota, crustal evolution and mineralization

Whitney, Donna L., Assistant Professor  
Ph.D., University of Washington  
Metamorphic geology and tectonics, petrology and geochemistry of mountain belts

Wright, J., Herbert E., Regents Professor Emeritus  
Ph.D., Harvard University  
Quaternary paleoclimatology, paleolimnology, paleoecology, glacial geology

Yuen, David A., Professor  
Ph.D., University of California, Los Angeles  
Numerical modeling of geophysical and geological phenomena, mantle convection

Electrical Engineering

Albertson, Vernon D., Ph.D., Professor Emeritus  
Ph.D., University of Wisconsin, Madison  
Electric power analysis and transients, geomagnetic pulse effects

Aloini, Mohamed, Assistant Professor  
Ph.D., California Institute of Technology  
Wireless communications

Bailey, Fredric N., Professor Emeritus  
Ph.D., University of Michigan  
Control systems, integrating new semiconductor technology

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., Associate Professor  
Ph.D., University of Texas at Austin  
Parallel processing, computer networks, fault-tolerant computing

Cohen, Philip I., Professor  
Ph.D., Physics, University of Wisconsin, Madison  
Microelectronics materials, crystal growth

Drayton, Rhonda Franklin, Assistant Professor  
Ph.D., University of Michigan  
High-frequency and microwave circuits

Ebbini, Emal S., Associate Professor  
Ph.D., University of Illinois, Urbana-Champaign  
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, microwave, optics, optoelectronic devices

Harjani, Ramesh, Associate 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  
Bioceramic sciences and biomedical engineering

Jackson, K., Professor  
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  
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Statistical signal processing, communications, and image processing

Kieffer, John, Professor  
Ph.D., University of Illinois, Urbana-Champaign  
Information theory, communications, digital signal processing

Kiehl, Richard A., Professor  
Ph.D., Purdue University  
Microelectronics and nanoelectronics

Kinne, Larry L., Professor  
Ph.D., University of Iowa  
Digital system and digital computer design

Kumar, K. S. P., Professor  
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, Bruce, Professor  
Ph.D., University of Minnesota  
Control system analysis and synthesis

Lee, Thomas (Shao-Chung) S., Associate Professor  
Ph.D., University of Minnesota  
Waves and fluids

Legier, James R., Professor  
Ph.D., University of California, San Diego  
Micro-optics, Fourier optics and holography

Lilja, David, Associate Professor  
Ph.D., University of Illinois, Urbana-Champaign  
High-performance computer architecture, parallel processing, supercomputing

Marculescu, Radu, Assistant Professor  
Ph.D., University of Southern California, Los Angeles  
CAD
Maziar, Christine M., Professor
Ph.D., Purdue University
Semiconductor devices

Mohan, Ned, Professor
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Power electronics and electromechanics for motion control

Moon, Jae-kyun, Associate Professor
Ph.D., Carnegie Mellon University
Communications and signal processing

Nathan, Marshall L., Professor
Ph.D., Harvard University
High speed III-V semiconductor device physics

Nussbaum, Allen, Professor Emeritus
Ph.D., University of Pennsylvania
Basic principles of heterosystems

O’Keefe, Matthew T., Associate Professor
Ph.D., Purdue University
Parallel processing with emphasis on parallel computer architectures

Osak, Hendrik J., Professor Emeritus
Ph.D., University of Utrecht
Microscopic and macroscopic properties of gaseous plasmas

Parhi, Keshab K., Professor
Ph.D., University of California, Berkeley
VLSI (Very Large Scale Integration) signal and image processing

Peria, William T., Professor
Ph.D., University of British Columbia
Physical electronics, fabrication of integrated circuits

Polla, Dennis L., Professor
Ph.D., University of California, Berkeley
Design and fabrication of integrated microsensors and microactuators

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

Ruden, Paul, Professor
Ph.D., University of Stuttgart, FRG
Theory of novel semiconductor devices

Sapatnekar, Sachin, Associate Professor
Ph.D., University of Illinois at Urbana-Champaign
Computer aided design of VLSI systems

Sapiro, Guillermo, Assistant Professor
D.Sc., Technion University, Israel
Computer vision systems

Sidiropoulos, Nikolaos D., Associate Professor
Ph.D., University of Maryland
Communications, networking and signal processing

Solberg, Gerald E., Associate Professor
Ph.D., Harvard University
VLSI design

Talghader, Joseph, Assistant Professor
Ph.D., University of California, Berkeley
Microelectronics, optoelectronics

Tannenbaum, Allen R., Professor
Ph.D., Harvard University
Controlled active vision

Tevfik, Achmed H., Professor
Sc.D., Massachusetts Institute of Technology
Signal processing for multimedia

Vicenta, Randall, Associate Professor
Ph.D., University of California, Berkeley
Magnetics

Vinck, Hugo, 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

Ziaia, Babak, Assistant Professor
Ph.D., University of Michigan
MEMS and bio-MEMS

Geological Engineering
Faculty listed under Civil Engineering

Mathematics

Adams, Scot, Associate Professor
Ph.D., University of Chicago
Dynamical systems, differential geometry

Aeppli, Alfred, Professor Emeritus
Ph.D., ETH, Zurich, Switzerland
Topology and geometry

Agard, Stephen, Professor
Ph.D., University of Michigan
Complex analysis

Anderson, Greg, Professor
Ph.D., Princeton University
Number theory

Aronson, Donald, Professor
Ph.D., Massachusetts Institute of Technology
Dynamical systems, differential equations

Baxter, John R., Professor
Ph.D., University of Toronto
Probability

Bramson, Maury, Professor
Ph.D., Cornell University
Probability

Chow, Ben, Professor
Ph.D., Princeton University
Geometric analysis, differential geometry

Cox, Bernardo, Associate Professor
Ph.D., University of Chicago
Numerical analysis

Conn, Jack, Associate Professor
Ph.D., Princeton University
Mathematical physics

Eagon, John A., Professor
Ph.D., University of Chicago
Commutative rings

Edelman, Paul, Professor
Ph.D., Massachusetts Institute of Technology
Combinatorics

Feshbach, Mark, Professor
Ph.D., Stanford University
Topology

Frank, David, Associate Professor
Ph.D., University of California, Berkeley
Topology

Friedman, Avner, Regents Professor
Ph.D., Hebrew University
Applied mathematics, differential geometry

Fristedt, Bert, Professor
Ph.D., Massachusetts Institute of Technology
Probability

Fukui, E., Gebhard, Associate Professor
Ph.D., University of California, Berkeley
Logic

Garrett, Paul, Professor
Ph.D., Princeton University
Number theory

Gershenson, Hilal, Associate Professor
Ph.D., University of Chicago
Topology

Goldstein, Jay, Professor
Ph.D., Princeton University
Combinatorics and knots

Gray, Lawrence, Professor
Ph.D., Cornell University
Probability

Gulliver, Robert, Professor
Ph.D., Stanford University
Algebra

Harpur, Laurence R., Associate Professor
Ph.D., University of Chicago
Probability

Harries, Morton, Professor
Ph.D., Harvard University
Group theory

Hejhal, Dennis, Professor
Ph.D., Stanford University
Analysis, number theory

Jain, Naresh, Professor
Ph.D., Stanford University
Probability

Jiang, Dihua, Assistant Professor
Ph.D., Ohio State University
Group representation theory

Jodes, Jr., Max A., Professor
Ph.D., Rice University
Harmonic analysis

Kahle, Donald, Professor
Ph.D., Yale University
Topology

Keynes, Harvey B., Professor
Ph.D., Wesleyan University
Topological dynamics

Krylov, N.V., Professor
D.Sc., Moscow State University
Probability and partial differential equations

Kusko, Rachel, Assistant Professor
Ph.D., Mathematics
Applied mathematics

Leung, Nai-Chung, Assistant Professor
Ph.D., Massachusetts Institute of Technology
Geometric analysis

Littman, Walter, Professor
Ph.D., New York University
Partial differential equations

Lowengrub, John, Professor, McKnight Land-Grant Professor
Ph.D., Northwestern University
Applied mathematics

Lowengrub, John, Professor, McKnight Land-Grant Professor
Ph.D., New York University
Numerical analysis

Luskin, Mitchell, Professor
Ph.D., University of Chicago
Numerical analysis

Lyuboznik, Gennady, Professor
Ph.D., Columbia University
Commutative algebra, algebraic geometry

Marden, Albert, Professor
Ph.D., Harvard University
Complex analysis

McCarthy, Charles, Professor
Ph.D., Yale University
Functional analysis

McGeehe, Richard, Professor
Ph.D., University of Wisconsin
Dynamical systems

Messing, William, Professor
Ph.D., Princeton University
Algebraic geometry

Meyers, Norman, Professor
Ph.D., Indiana University
Partial differential equations

Miller, Willard, Professor
Ph.D., University of California, Berkeley
Applied mathematics

Miracle, Chester, Associate Professor
Ph.D., University of Kentucky
Complex analysis

Moeckel, Richard, Professor
Ph.D., University of Wisconsin
Dynamical systems

Neuhauer, Claudia, Associate Professor
Ph.D., Cornell University
Probability

Ni, Wei-Ming, Professor
Ph.D., New York University
Partial differential equations

Nitsche, Johannes, Professor
Dr., University of Gottingen, Germany
Partial differential equations, minimal surfaces

Olver, Peter, Professor
Ph.D., Harvard University
Mathematical physics

Othmer, Hans, Professor
Ph.D., University of Minnesota
Bio-mathematics

Puri, Kirk, Professor
Ph.D., University of California, Berkeley
Logic and set theory

Reich, Edgar, Professor
Ph.D., University of California, Los Angeles
Complex variables

Reiser, Victor, Associate Professor
Ph.D., Massachusetts Institute of Technology
Combinatorics

Rendich, Fernando, Associate Professor
Ph.D., University of Minnesota
Combinatorics

Reiter, Peter, Professor
Ph.D., New York University
Applied mathematics

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, Faadil, Professor
Ph.D., University of Illinois
Applied mathematics

Sell, George R., Professor
Ph.D., University of Michigan
Dynamical systems

Sibuya, Yasutaka, Professor
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

Stovick, David, Professor  Ph.D., University of Michigan  
Complex variables

Sverak, Vladimir, Professor  Ph.D., Charles University, Prague, Czech Republic  
Calculus of variations, non-linear elasticity

Wang, Jiating, Assistant Professor  Ph.D., Cornell University  
Differential geometry

Webb, Peter, Professor  Ph.D., University of London  
Group theory

White, Dennis, Professor  Ph.D., University of California, San Diego  

Mechanical Engineering

Alexander, Jennifer K., Assistant 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

Bar-Cohen, Avram, Professor  Ph.D., Massachusetts Institute of Technology  
Boiling/two-phase flow, electronic cooling

Benjaafar, Saifallah, Associate Professor  Ph.D., Purdue University  
Modeling and control of automated manufacturing systems

Bischof, John C., Associate Professor  Ph.D., University of California, Berkeley  
Bioengineering, bioheat and mass transfer, cryobiology, hyperthermia

Blackshear, Perry L., Professor Emeritus  Ph.D., Case Institute of Technology  
Biotechnology, combustion, applied thermodynamics

Chase, Thomas R., Associate Professor  Ph.D., University of Minnesota  
Computer-aided design, mechanical engineering database, kinematics, machine design

Garrick, Sean, Assistant Professor  Ph.D., State University of New York at Buffalo  
Heat and mass transfer, fluid mechanics, numerical methods

Goldstein, Richard J., Regents Professor  Ph.D., University of Minnesota  
Heat transfer, thermodynamics, fluid mechanics

Gupta, Diwakar, Associate Professor  Ph.D., University of Waterloo  
Stochastic processes and queueing systems

Hayes, Caroline C., Associate Professor  Ph.D., Carnegie Mellon University  
Manufacturing planning and feature extraction, artificial intelligence

Heberlein, Joachim V.R., Professor Emeritus  Ph.D., University of Minnesota  
Plasma technology, electrode effects, plasma coating and waste-treatment processes

Ibele, Warren E., Professor Emeritus  Ph.D., University of Minnesota  
Heat transfer, thermodynamics, power systems

Klamecki, Barney E., Associate Professor  Ph.D., University of Illinois, Urbana-Champaign  
Manufacturing process modeling and control theory

Kortshagen, Uwe, Associate Professor  Ph.D., University of California, Berkeley  
Environmental engineering

Krechetnikov, Andrew, Associate Professor  Ph.D., University of California, Berkeley  
High-performance computing, parallel algorithms, scientific computing

Kulacki, Francis A., Professor Emeritus  Ph.D., University of California, Berkeley  
Convective transfer in porous and fractured media

Kusalnet, Tairid 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 W., Assistant Professor  Ph.D., University of California, Berkeley  
Nonlinear and intelligent control, biomechanics, rehabilitation engineering, transportation systems, manufacturing

Liu, Benjamion Y.H., Regents Professor Emeritus  Ph.D., University of Minnesota  
Particle technology and aerosol science, environmental engineering

McCurry, Peter H., Professor  Ph.D., California Institute of Technology  
Aerosol science and nanotechnology materials, applied laser diagnostics

Bar-Cohen, Avram, Professor  Ph.D., Massachusetts Institute of Technology  
Manufacturing, system dynamics and controls

Strkovski, Paul J., Professor  Ph.D., Yale University  
Fluid mechanics, stability, mixing, turbulence control

Tamma, Kumar K., Professor  Ph.D., Old Dominion University  
Finite elements, computational mechanics, structural dynamics

Zachariah, Michael R., Associate Professor  Ph.D., University of California, Los Angeles  
Aerosol science and nanotechnology materials, applied laser diagnostics

Bayman, Benjamin F., Professor  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  
Theoretical condensed matter physics

Cattell, Cynthia, Associate Professor  Ph.D., University of California, Berkeley  
Particle acceleration in astrophysical plasmas, aurora, space physics

Courant, Hans W., Professor Emeritus  Ph.D., Massachusetts Institute of Technology  
Experimental high-energy physics

Crowell, Paul, Assistant Professor  Ph.D., Cornell University  
Experimental condensed matter physics

Cushman, Priscilla, Associate Professor  Ph.D., Rutgers University  
Experimental particle physics, neutrino mass, medical imaging techniques

Dahlgren, E. Dan, Professor  Ph.D., University of California at Los Angeles  
Magnetism in fluids, electrical conduction and magnetic microscopy

de Forcrand, Philippe, Adjunct Professor  Ph.D., University of California, Berkeley  
Theoretical elementary particle physics

Dehnhard, Dietrich K., Professor  Ph.D., University of Marburg  
Experimental physics, interaction between mesons, nucleons, and nuclei

Ellis, Paul J., Professor  Ph.D., Massachusetts Institute of Technology  
Research in theoretical nuclear physics

Freier, George D., Professor Emeritus  Ph.D., University of Minnesota  
Atmospheric physics

Ganz, Eric, Associate Professor  Ph.D., University of California, Berkeley  
Experimental condensed matter physics

Gasiorowicz, Stephen, Professor Emeritus  Ph.D., University of California at Los Angeles  
Theoretical particle physics, field theory, quantum chromodynamics

Giese, Clayton F., Professor  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
Greenlees, George W., Professor Emeritus
Ph.D., Cambridge University
Experimental nuclear physics, laser spectroscopy, quantum optics
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
Hamermesh, Morton, Professor Emeritus
Ph.D., New York University
Theoretical physics, mathematical physics
Hanany, Shaul, Assistant Professor
Ph.D., Columbia University
Experimental/observational astrophysics and cosmology
§ Heller, Kenneth, Professor
Ph.D., University of Washington
Undergraduate problem-solving, especially neutrinos
Hitz, Morton N., Professor Emeritus
Ph.D., Harvard University
Experimental nuclear physics
§ Hobbie, Russell K., Professor Emeritus
Ph.D., Harvard University
Medical physics
Hosotani, Yutaka, Professor
Ph.D., University of Tokyo
Theoretical physics, gauge theory, string theory
Huang, Cheng-Cher, Professor
University of Pennsylvania
Experimental condensed matter physics—liquid crystals
Isaak, George R., Adjunct, Professor
Ph.D., University of Birmingham
Experimental astrophysics
§ 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, Associate Professor
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Experimental condensed matter physics—amorphous semiconductors and granular media
§ Kapusta, Joseph, Professor
Ph.D., University of California, Berkeley
Theoretical high-energy nuclear physics, early universe
Kellogg, Paul J., Professor Emeritus
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Physics of plasmas, generation of plasma waves
Kubota, Yuichi, Associate Professor
Ph.D., Tokyo University
Heavy flavor physics in experimental particle physics
Larkin, Anatoly, Professor
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Theoretical condensed matter physics
§ Laos, Robert, Professor
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Theoretical space physics
Mantis, Homer T., Professor Emeritus
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Atmospheric physics
Marquitz, Erwin, Professor Emeritus
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Philosophy of science
§ Marshall, Marvin L., Professor
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Experimental high-energy physics
McLerran, Larry, Professor
Ph.D., University of Washington
Particle and nuclear theory, particle-astrophysics
§ olive, Keith A., Professor
Ph.D., University of Chicago
Early universe cosmology, high energy physics
Pepin, Robert, Professor
Ph.D., University of California, Berkeley
Origin and evolution of the solar system
Petersen, Earl A., Professor
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, Assistant Professor
Ph.D., University of California, San Diego
Theoretical nuclear astrophysics
§ Rudaz, Serge, Professor
Ph.D., Cornell University
Theoretical high-energy physics, supersymmetry, astrophysics of black holes
Ruddick, Keith, Professor
Ph.D., University of Birmingham
Experimental high-energy physics
Shapiro, Alan E., Professor
Ph.D., Yale University
History of science, Newton, optics, Scientific Revolution
Shifman, Mikhail, Professor
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Theoretical high-energy physics
Shklovskii, Boris, Professor
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Theoretical condensed matter physics
Stuewer, Roger H., Professor Emeritus
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History of nuclear and quantum physics
Tang, Yau-Chien, Professor Emeritus
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Theoretical nuclear physics
Urheim, Jon, Assistant Professor
Ph.D., University of Pennsylvania
Experimental high-energy physics
Vainshtein, Arkady, Professor
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Theoretical high-energy physics
Valls, Oriol T., Professor
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Theoretical condensed matter physics
Voloshin, Mikhail, Professor
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Theoretical physics of elementary particles, quantum field theory
Waddington, Cecil J., Professor Emeritus
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Experimental astrophysics, cosmic ray physics
§ Walsh, Thomas F., Professor
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Theoretical high-energy physics
Wehmann, Walter, Professor
Ph.D., Harvard University
Nuclear magnetic effects at very low temperatures
Winckler, John R., Professor Emeritus
Ph.D., Princeton University
Experimental space physics
Wygant, John, Assistant Professor
Ph.D., University of California, Berkeley
Space plasma physics
Zimmermann, William, Jr., Professor
Ph.D., California Institute of Technology
Physics of superfluid liquid helium

■ Statistics
Bingham, Christopher, Professor
Ph.D., Yale University
Directional data analysis, time series analysis, multivariate analysis
Chaloner, Kathryn M., Professor
Ph.D., Carnegie Mellon University
Bayesian statistics, experimental design, AIDS clinical trials
Cook, R. Dennis, Professor
Ph.D., Kansas State University
Experimental design, linear and nonlinear models, regression diagnostics, graphical methods
Dickey, James M., Professor
Ph.D., University of Michigan
Bayesian statistics, expert–opinion probability modeling, smoothing methods
Eaton, Morris L., Professor
Ph.D., Stanford University
Multivariate analysis, probability inequalities, decision theory, Bayesian inference
Geisser, Seymour, Professor
Ph.D., University of North Carolina, Chapel Hill
Bayesian inference, model selection, predictivism, sample reuse, screening tests
Geyer, Charles J., Associate Professor
Ph.D., University of Washington
Constrained maximum likelihood, Monte Carlo likelihood, Markov chain Monte Carlo
Ghosal, Subhashis, Assistant Professor
Ph.D., Indian Statistical Institute, Calcutta
Asymptotics, Bayesian inference, nonparametrics
Grund, Birgit, Associate Professor
Ph.D., Humboldt-Universität, Berlin
Curve estimation, kernel smoothing, AIDS research
Hawkins, Douglas M., Professor
Ph.D., Witwatersrand, Johannesburg, South Africa
Quality improvement, case diagnostics, geostatistics
Jiang, Tiefeng, Assistant Professor
Ph.D., Stanford University
Mathematical biology, pattern recognition, large deviations, chen-stein method
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The italicized number indicates courses.
The underlined number indicates faculty.

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