This is the Policies, Department Directory, and Administration and Faculty sections of the 1996-1999 University of Minnesota College of Agricultural, Food, and Environmental Sciences Bulletin.
**Equal Opportunity**—The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

In adhering to this policy, the University abides by the Minnesota Human Rights Act, Minnesota Statute Ch. 363; by the Federal Civil Rights Act, 42 U.S.C. 2000e; by the requirements of Title IX of the Education Amendments of 1972; by Sections 503 and 504 of the Rehabilitation Act of 1973; by the Americans With Disabilities Act of 1990; by Executive Order 11246, as amended; by 38 U.S.C. 2012, the Vietnam Era Veterans Readjustment Assistance Act of 1972, as amended; and by other applicable statutes and regulations relating to equality of opportunity.

Inquiries regarding compliance may be directed to Stephanie Lieberman, Director, Office of Equal Opportunity and Affirmative Action, University of Minnesota, 419 Morrill Hall, 100 Church Street S.E., Minneapolis, MN 55455 (612/624-9547).

**Bulletin Use**—The University of Minnesota will change to a semester-based academic calendar beginning academic year 1999-2000. This bulletin is the last quarter-based bulletin that will be produced for the College of Agricultural, Food, and Environmental Sciences. It covers academic years 1996-97, 1997-98, and 1998-99. Information about semester-based academic programs will be provided in the fall of 1998 in semester-transition publications.

The information in this bulletin and other University bulletins, publications, or announcements is subject to change without notice. University offices can provide current information about possible changes.

This publication is available in alternative formats upon request. Please contact the Office of Admissions, University of Minnesota, 240 Williamson Hall, 231 Pillsbury Drive S.E., Minneapolis, MN 55455 (612/625-2008; e-mail admissions@tc.umn.edu).

This bulletin also is available in electronic format on the Internet and may be accessed via the World Wide Web.

**Immunization**—Students born after 1956 who take more than one University class are required under Minnesota law to submit an Immunization Record form.

The form, which is sent along with the official University admission letter, must be filled out and returned to Boynton Health Service within 45 days of the first term of enrollment in order for students to continue registering for classes at the University. Complete instructions accompany the form.

**Extracurricular Events**—No extracurricular events requiring student participation may be scheduled from the beginning of study day to the end of finals week. Exceptions to this policy may be granted by the Senate Committee on Educational Policy. The Senate advises all faculty that any exemption granted pursuant to this policy shall be honored and that students who are unable to complete course requirements during finals week shall be provided an alternative and timely opportunity to do so.

**Smoke-Free Campus Policy**—Smoking is prohibited in all facilities of the University of Minnesota, Twin Cities campus except for designated private residence hall rooms.
Departments

The College of Agricultural, Food, and Environmental Sciences is organized by academic departments. Each department is made up of faculty with teaching, research, and extension interests that correspond with the department’s academic discipline(s). Following is a list of departments in the College of Agricultural, Food, and Environmental Sciences. Several departments and units also have formal affiliations or administrative links to colleges outside of Agriculture: Agricultural Education with the College of Education and Human Development (CEHD), Agricultural Engineering with the Institute of Technology (IT), Food Science and Nutrition with the College of Human Ecology (CHE).

Each of the departments in COAFES offers courses and most have ties with several of the undergraduate majors offered by the college. If you are interested in a major with ties to a specific department or academic discipline, you will find a reference list below along with the department location.

Department Directory

**Agricultural Education**
Edgar A. Persons, head
320 Vocational and Technical Education Building
1954 Buford Avenue
St. Paul, MN 55108
612/624-2221
Affiliated majors
- Agricultural Education (CEHD) (p. 11)
- Agricultural Development (CEHD) (p. 11)
- Natural and Managed Environmental Systems (CEHD) (p. 11)

**Agronomy and Plant Genetics**
Kent Crookston, head
411 Borlaug Hall
1991 Upper Buford Circle
St. Paul, MN 55108
612/625-8761
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Science in Agriculture (p. 26)

**Animal Science**
Donald Otterby, head
122 Peters Hall
1404 Gortner Avenue
St. Paul, MN 55108
612/624-1205
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Science in Agriculture (p. 26)

**Applied Economics**
James Houck, head
231 Classroom Office Building
1994 Buford Avenue
St. Paul, MN 55108
612/625-0231
Affiliated majors
- Applied Economics (p. 20)
- Agricultural Business Management (p. 9)
- Agricultural Industries and Marketing (p. 14)

**Biosystems and Agricultural Engineering**
R. Vance Morey, head
213 Agricultural Engineering
1390 Eckles Avenue
St. Paul, MN 55108
612/625-7733
Affiliated majors
- Biosystems and Agricultural Engineering (IT) (p. 32)
- Environmental Science (p. 21)
- Food Science (p. 23)

**Entomology**
Mark Ascerno, head
219 Hodson Hall
1980 Folwell Avenue
St. Paul, MN 55108
612/624-3278
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Science in Agriculture (p. 26)

**Food Science and Nutrition**
Francis F. Busta, head
225 Food Science and Nutrition
1334 Eckles Avenue
St. Paul, MN 55108-6099
612/624-3086
E-mail: fbusta@maroon.tc.umn.edu or sahlers@che2.che.umn.edu
World Wide Web: http://www.fsci.umn.edu
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Food Science (p. 23)
- Nutrition (p. 24)

**Horticultural Science**
Gary Gardner, head
305 Alderman Hall
1970 Folwell Avenue
St. Paul, MN 55108
612/624-3606
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Science in Agriculture (p. 26)

**Plant Pathology**
Neil A. Anderson
495 Borlaug Hall
1991 Upper Buford Circle
St. Paul, MN 55108
612/625-8200
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Science in Agriculture (p. 26)

**Rhetoric**
Billie J. Wahlstrom, head
202 Haecker Hall
1364 Eckles Avenue
St. Paul, MN 55108
612/624-7750
World Wide Web: http://rheteoric.agoff.umn.edu/
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Scientific and Technical Communication (p. 27)

**Soil, Water, and Climate**
H.H. Cheng, head
439 Borlaug Hall
1991 Upper Buford Circle
St. Paul, MN 55108
612/625-9734
World Wide Web: http://www.soils.agri.umn.edu
Affiliated majors
- Agricultural Industries and Marketing (p. 14)
- Animal and Plant Systems (p. 16)
- Environmental Science (p. 21)
- Science in Agriculture (p. 26)
University Regents

Thomas R. Reagan, Gilbert, Chair
H. Bryan Neel III, Rochester, Vice Chair
Wendell R. Anderson, Wayzata
J ulie A. Bleyhl, Madison
William E. Hogan II, Minnetonka
J ean B. Keffeler, Minneapolis
Hyon T. Kim, St. Anthony
Warren C. Larson, Bagley
William R. Peterson, Eagan
J essica J. Phillips, Morris
Stanley D. Sahlstrom, St. Cloud
Patricia B. Spence, Rice

University Administrators

Nils Hasselmo, President
JoAnne G. Jackson, Senior Vice President for Finance and Operations
Marvin L. Marshak, Senior Vice President for Academic Affairs
C. Eugene Allen, Provost for Professional Studies
Frank B. Cerra, Provost for the Academic Health Center
W. Phillips Shively, Provost for Arts, Sciences, and Engineering
McKinley Boston, J r., Vice President for Student Development & Athletics
Mark L. Brenner, Vice President for Research and Dean of the Graduate School
Thomas H. Swain, Acting Vice President for Institutional Relations
Mark B. Rotenberg, General Counsel

College of Agricultural, Food, and Environmental Sciences

Administrators

Michael V. Martin, Dean
Laurie Hayes, Associate Dean, Curricular and Student Affairs
Philip O. Larsen, Associate Dean for Research, Assistant Director, MAES
Gerald Miller, Associate Dean, Extension
Jean Underwood, Director, Career Services
Annette Day, Director, Prospective Student Services
Mark Bultmann, Director, Student Services

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University of Minnesota
277 Coffey Hall
1420 Eckles Avenue
St. Paul, MN 55108

College of Agricultural, Food, and Environmental Sciences

Student Affairs Office
University of Minnesota
120 Biosystems and Agricultural Engineering
1390 Eckles Avenue
St. Paul, MN 55108

Student Services
612/624-7254
Career Services
612/624-2710

Prospective Student Services

General Information
612/624-3045
Transfer Students
Annette Day
612/624-4748
High School Students
Lynn Perkins
612/624-7475

Office of Admissions
University of Minnesota
240 Williamson Hall
231 Pillsbury Drive S.E.
Minneapolis, MN 55455
612/624-2008

Office of Scholarships and Financial Aid
University of Minnesota
130 Coffey Hall
1420 Eckles Avenue
St. Paul, MN 55108
612/624-1665

Major Program Coordinators

Agricultural and Food Business Management
Vernon Eidman, Coordinator
316 Classroom-Office Building
1994 Buford Avenue
St. Paul, MN 55108
612/625-5229
E-mail: veidman@dept.agecon.umn.edu

Agricultural Education
Roland Peterson, Coordinator
320m Vocational and Technical Education Building
1954 Buford Avenue
St. Paul, MN 55108
612/624-2221

Agricultural Industries and Marketing
Gary L. Malzer, Coordinator
5403 Soils
1991 Upper Buford Circle
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Food Science
Zata M. Vickers, Coordinator
225 Food Science and Nutrition
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495e Animal Science/Veterinary Medicine
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College of Agricultural, Food, and Environmental Sciences

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W. Forrest Bear, Ph.D., R. Paul Marvin, Ph.D.

Professor
Edgar A. Persons, Ph.D., coordinator
George H. Copa, Ph.D.
Curtis D. Norensberg, Ph.D.

Associate Professor
Gary W. Leske, Ph.D.

Agronomy and Plant Genetics

Professor Emeritus
Robert N. Andersen, Ph.D.
Donald K. Barnes, Ph.D.
Richard Behrens, Ph.D.
Verne E. Comstock, Ph.D.

Professor
Laddie J. Elling, Ph.D.
John A. Goodding, Ph.D.
Herbert W. Johnson, Ph.D.

Associate Professor
Lawrence Smith, Ph.D.
Robert E. Stucker, Ph.D.

Professor
Donavan H. Bush, Ph.D.

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Steven J. Taff, Ph.D.

Carole B. Yoho, M.S.

*Assistant Professor*

B rian L. Buhr, Ph.D.

J ay S. Coggins Ph.D.

Frances R. Homans, Ph.D.

Donald J. Liu, Ph.D.

Rodney B. Smith, Ph.D.

To m Thomas F. Stinson, Ph.D.

**Biosystems and Agricultural Engineering**

*Professor Emeritus*

E van R. Allred, M.S., P.E.

W. Forrest Bear, Ph.D.

Harold A. Cloud, Ph.D.

Arnold M. Flikke, Ph.D., P.E.

Curtis L. Larson, Ph.D., P.E.

Roger E. Machmeier, Ph.D., P.E.

J esse H. Pomroy, M.S.

Cletus E. Schertz, Ph.D.

J ohn A. True, M.S.

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Kevin A. J anni, Ph.D., P.E.

R. Vance Morey, Ph.D., head

J ohn L. Nieber, Ph.D., P.E.

*Associate Professor*

Mrinal Bhatcharyya, Ph.D.

J ames J. Boedicker, Ph.D.

J ohnathan Chaplin, Ph.D., P.E.

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Philip R. Goodrich, Ph.D., P.E.

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William F. Wilcke, Ph.D., P.E.

Bruce N. Wilson, Ph.D., P.E.

J erry A. Wright, M.S., P.E.

*Assistant Professor*

Roger Ruan, Ph.D.

Anu Subramanian, Ph.D.

**Entomology**

*Professor Emeritus*

Marion Brooks-Wallace, Ph.D.

Hui-chang Chiang, Ph.D.

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Kenneth R. Ostlie, Ph.D.

*Assistant Professor*

Susan J. Weller, Ph.D.

*Assistant Professor and Extension Specialist*

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†Maria S. Spivak, Ph.D.

**Food Science and Nutrition**

*Professor Emeritus*

William M. Breene, Ph.D.

Elwood F. Caldwell, Ph.D.

Samuel T. Coulter, Ph.D.

Margaret D. Doyle, Ph.D.

J oan Jordan, Ph.D.

†Howard A. Morris, Ph.D.

†Lura M. Morse, Ph.D.

*Professor*

Francis F. Busta, Ph.D., head

†Joseph J. Warthesen, Ph.D., associate head

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†C. Eugene Allen, Ph.D.

D. Linda J. Brady, Ph.D.

A. Saari Csallany, D.Sc.

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