COMMENCEMENT
1990 WINTER TERM
MICHIGAN STATE UNIVERSITY
THE COMMENCEMENT COMMITTEE

Barbara C. Steidle  
Chairperson

Kevin Hole  
Student Representative

Julie Ramsey  
Student Representative

Thomas Kehler

Horace C. King

John Kraeer

Linda Lou Smith

Ulreih Mostosky

Ted Minnick

James Studer

Scott Vaughn

Kathy West

DIPLOMAS WILL BE MAILED TO DEGREE RECIPIENTS APPROXIMATELY ONE MONTH AFTER THE END OF THE TERM.

MSU is an affirmative-action, equal-opportunity institution
COMMENCEMENT
1990 WINTER TERM
Saturday, March 10

The JACK BRESLIN
STUDENT EVENTS CENTER
East Lansing

Conferral of Baccalaureate Degrees, 10 A.M.
Conferral of Graduate Degrees, 3 P.M.
ACADEMIC COSTUME

In 1895, the Intercollegiate Commission, a group of leading American educators, introduced an academic costume code which by design of gowns and hoods would indicate the various degrees, and which by colors would identify the various faculties.

Three types of gowns are indicated by the code. Those worn by the bachelors have long, pointed sleeves. Those worn by masters have long, closed sleeves with the arc of a circle near the bottom. Doctor’s gowns are faced with velvet. The sleeves are full, round, and open with three bars of velvet on each sleeve. The velvet facing of the bars on the sleeves may be black or the same color as the binding of the hood.

Hoods are made of material identical with the gown and are lined in the official academic color of the institution conferring the degree (e.g., green and white for MSU; burnt orange and white for the University of Texas; blue and gold for UCLA). If the institution has more than one color, the chevron is used to introduce the second color. Colored velvet or velveteen binds the hoods and indicates the department or faculty to which the degree pertains.

The color of the velvet of the hood is distinctive of the subject to which the degree pertains. For example, the trimming for the degree of Master of Science in Agriculture should be maize, representing agriculture, rather than golden yellow, representing science. Generally, the code for the velvet of the hood is the same as listed below for tassels.

At Michigan State University, it is customary to identify the candidates graduating from the different departments of study by tassels of the official department color as established by the Intercollegiate Code.

| College of Agriculture and Natural Resources | MAIZE | College of Communication Arts and Sciences | Peacock Blue |
| College of Arts and Letters | White | College of Education | Light Blue |
| College of Business | Drab | College of Engineering | Orange |
| Forestry, Packaging | Russet | College of Human Ecology | Maroon |
| Fine Arts | Brown | College of Human Medicine | Green |
| Music | Pink | James Madison College | Citron |
| Philosophy | Dark Blue | College of Natural Science | Golden Yellow |
| College of Economics | Copper | College of Nursing | Apricot |
| College of Fine Arts | Brown | College of Osteopathic Medicine | Green |
| College of Fine Arts | Peach | College of Social Science | Citron |
| College of Music | Pink | College of Veterinary Medicine | Dark Gray |
MICHIGAN STATE UNIVERSITY

Michigan State University, a leading land-grant university and the first agricultural college in America, strives for excellence in providing students a broad curricula of liberal and practical education. MSU also serves people of the state, nation, and world through its numerous research, extension, and international programs.

Now in its 134th year, Michigan State University has grown from three buildings and six faculty members to one of the largest universities in the nation. It has more than 3,000 faculty/staff engaged in teaching, research, and public service; more than 400 campus buildings; and more than 5,200 acres of land, of which some 2,100 acres are in existing or planned campus development. More than 42,000 students now attend the university at East Lansing, of which some 86 percent are from Michigan.

Founded in 1855 to educate youth for the major occupation of that day—farming—MSU has broadened its offerings to meet the educational needs of today. The university now has a Graduate School and 14 colleges—Agriculture and Natural Resources, Arts and Letters, Business, Communication Arts and Sciences, Education, Engineering, Human Ecology, Human Medicine, James Madison, Natural Science, Nursing, Osteopathic Medicine, Social Science, and Veterinary Medicine.

At the center of all major universities is a cluster of disciplines that constitute the liberal arts and sciences. At MSU, this center consists of three colleges—Arts and Letters, Natural Science, and Social Science. Providing outstanding undergraduate and graduate degree programs with majors in traditional disciplines, these colleges also have special programs that enable students to obtain a broad multidisciplinary education. In addition, in collaboration with the College of Education, the three colleges prepare students to become teachers in the secondary schools of Michigan and the nation. These colleges touch the lives of all undergraduate students at MSU by providing the general education that constitutes approximately one-quarter of the undergraduate program. The Honors College, which enables superior undergraduate students to waive normal graduation requirements and undertake individual programs, attracts many of the nation's finest young scholars. MSU is proud of its record in producing Rhodes Scholars, a total of thirteen (ten in the last sixteen years), the university also has provided six Marshall Scholarship winners. These British scholarships are two of the most distinguished and prestigious academic awards that an American student can receive. Michigan State University also is a prominent sponsor of National Merit Scholars.

MSU adds to the store of knowledge with a wide array of outstanding research activities that are supported by a multimillion dollar sponsor-funding program. Some major facilities include the Pesticide Research Center, which presents a model program of multidisciplinary research and teaching; the Plant Research Laboratory, operated with the U.S. Department of Energy as a national plant biology center; and the MSU/W. K. Kellogg Biological Station, which has been designated as a National Research Preserve. In collaboration with both the National Science Foundation and the U.S. Department of Energy, the National Superconducting Cyclotron Laboratory at MSU is examining the nuclei of the heaviest of elements.

Benefits of the university are brought to the public by the Agricultural Experiment Station, Lifelong Education Programs, and the Cooperative Extension Service. Their programs provide technical information and formal course work for many Michigan citizens. The Kellogg Center for Continuing Education, one of the finest conference centers in the nation, annually hosts nearly 60,000 adults who come to the campus for some 600 conferences and other educational meetings.

The university's land-grant concept of service is international. Supported by grants from the federal government and private foundations, MSU maintains research and educational assistance projects on a worldwide basis. International projects have given many faculty members overseas experience, adding a new dimension to their teaching.

Michigan State University is a member of the Association of American Universities, National Association of State Universities and Land-Grant Colleges, American Council on Education, American Council of Learned Societies, International Association of Universities, Association of Graduate Schools, Council of Graduate Schools, and the Committee on Institutional Cooperation.
HONORARY DEGREE

JOHN H. McCONNELL

As a leader of industry, you have created a philosophy of management that inspires the members of your work force to invest themselves as fully as you do yourself in mutually rewarding productivity. You have set an example for cooperation between labor and management in a partnership that benefits not only those who contribute directly, but also the society whose prosperity and morale the partnership enriches.

Born in West Virginia, you served your country in the United States Navy during World War II. A bachelor's degree from the College of Business of Michigan State University provided the academic base from which you founded Worthington Industries in 1955. This company has been called a role model for the steel industry and one of the 100 best companies to work for in America because of your success in combining high industrial effectiveness with highly enlightened employee relations. Dependent upon respect for employees' ideas and recognition of their acceptance of responsibility, your philosophy of management leads your employees to substantial participation in management decision making.

Your accomplishments and your innovative policies inevitably draw the attention of other leaders eager to enlist your insight and your vision in guiding their own enterprises. You have served on the directing boards of numerous outstanding firms and have energetically served, at the same time, on the boards of business and industry organizations.

Your commitment to civic concerns and to higher education is equally marked. You have given your time unselfishly as a trustee of Children's Hospital in Columbus, Ohio, and in other civic causes. Your long and steady record as a leader in higher education has brought you to service on the Board of Trustees of Ashland College in Ohio and on the Board of Directors of our own MSU Business Alumni Association. You have received the Outstanding Alumnus Award from the MSU College of Business and the Honorary Doctor of Laws Degree from Ohio University. Most recently you have again confirmed your devotion to your alma mater by accepting the responsibilities of co-chairperson for the Midwestern states for the University's Capital Campaign. "MSU 2000: Access to Opportunity"—a signal service at a crucial stage in the history of Michigan State University.

Hard work and civic responsibility make you—like the firm you founded—a role model. Because you represent the best in accomplishment and service, the combined ideals of our society, Michigan State University is proud to award you the honorary degree of Doctor of Laws.
ORDER OF CEREMONIES
Baccalaureate Degrees

Presiding
JOHN A. DiBIAGGIO, President, Michigan State University

PROCESSIONAL
The MSU Jazz Band I
RONALD NEWMAN, Conductor

AMERICA
Smith
The MSU Jazz Band I and Audience

PRAYER
MARY SCHNEIDER
Professor, Department of Religious Studies, MSU

ADDRESS
ABEL B. SYKES, JR.
President, Lansing Community College

SPECIAL MUSIC
Please Send to Me Someone to Love
May
The MSU Jazz Band I
Featuring TRACY MURRAY, Vocalist and
TAGE LARSEN, Trumpet

SENIOR CLASS REMARKS
PAM JENNINGS

PRESENTATION OF CLASS GIFT
ANN-Marie Kania

PRESENTATION OF HONORARY DEGREE CANDIDATE
JOHN E. CANTLON
Vice President for Research and Graduate Studies
and Dean of the Graduate School, MSU

CONFERRING OF BACCALAUREATE DEGREES
JOHN DiBIAGGIO
President, Michigan State University

ALMA MATER
Traynor
M.S.U., we love thy shadows
When twilight silence falls,
Flushing deep and softly paling
O'er ivy-covered halls,
Beneath the pines we'll gather
To give our faith so true,
Sing our love for Alma Mater
And thy praises, M.S.U.
(The MSU Jazz Band I and Audience)

PRAYER
Dr. SCHNEIDER

RECESSIONAL
The MSU Jazz Band I

We would like to express our appreciation to the student and staff volunteers for their assistance at the commencement exercises.
The audience is requested to remain seated while those in the processional are entering and leaving the center. After the recessional of the platform party and faculty, students and guests may leave via any exit.
### College of Agriculture and Natural Resources

**James H. Anderson, Dean**

**CANDIDATES — WINTER TERM, 1990**

#### DEGREE OF BACHELOR OF SCIENCE

<table>
<thead>
<tr>
<th>Department</th>
<th>Candidates</th>
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<tbody>
<tr>
<td>Agricultural Technology</td>
<td>Scott Perry Sowa, Patrick R. Stefanek, Andrew R. Westmaas</td>
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<tr>
<td>and Systems Management</td>
<td></td>
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<tr>
<td>Debra A. Watts</td>
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<tr>
<td>Agribusiness and Natural Resources</td>
<td>Michael C. Beatty, Bradley J. Bradley, Mary Beth Gettka, Todd C. Gerwig</td>
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<td>Animal Science</td>
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<td>Michael C. Beatty, Bradley J. Bradley, Mary</td>
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<td>Beth Gettka, Todd C. Gerwig</td>
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<tr>
<td>*Jacqueline M. Heymoss, Carolyn M. Meagher</td>
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<td>*Building Construction Management</td>
<td>James E. Albus, Kimberly Ann Benes, Michael R. Brown, Andrew Charles Case,</td>
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<td>Todd E. Collins, Christopher D'Angelo, Mark R. Eutsey, John J. Colle,</td>
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<td>Kenneth G. Cowell, Todd William Hofer, Lisa A. Jacobson, Patrick Timothy</td>
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<td>Keegan, Darin Kriebel, Bradley James Martin, Christopher Nickson,</td>
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<td>Patrice S. Pearson, Jeffery A. Roux, Craig W. Schumann, Robert Seals,</td>
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<td>Reid Christopher Sellgren, Jean Mary Van Himbergen, William O. Wiebelhaus,</td>
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<td>Jr., Karl Frederic Wodrich, David Lee Young</td>
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<td>Crop and Soil Sciences</td>
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<td>Steven Mark Rehan, Michael Scott Siekken,</td>
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<td>Michael E. Stears, Garrett Lewis Walworth,</td>
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<td>Lowell T. Weaver II</td>
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<td>Fisheries and Wildlife</td>
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<td>Linda Sue Allen, Brian Scott Biller, Christine</td>
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<td>Elizabeth Ehmke, Rebecca D. Evans, *Lorraine</td>
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<td>S. Horvath, Michael Edward Petrucha</td>
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<td>*Food Science</td>
<td>Roberto Javier Alvarado N., Michelle Renee Dibble, Michelle Suzanne</td>
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<td>Meadows, Suzanne Joy Falmer, Stichung John Yau</td>
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<td>*Food Systems Economics and Management</td>
<td>Brian Coleman Barge, Dana Ann Bolin, Julia D. Boykins, Paul James</td>
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<td>Bulgarelli, Lawrence E. Cherast, Stephen R. Collin, Brian J. Cook,</td>
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<td>James Roger Coslow, Sheri J. Cunningham, Elyse B. Greenspan, Sammy L.</td>
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<td>Gurvis, Rhonda L. Howell, Geraldine R. Hunter, Lisa M. Jankowski, Lisa</td>
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<td>Ann Keiser, Michael P. Leen, Lori A. Nixon, Rodney A. Reed, James</td>
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<td>Michael Schmid, Windy M. Tamplin, Merrill L. Trautmann, Jeffrey W.</td>
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<td>Cary Jason Clark</td>
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<td>David J. Brice, Jeff R. Bunkelmann, Jeffrey Harlow Kott, Jane Celeste</td>
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<td>Loumberry, Joyce A. Robinson, Russell Paul Smithyman</td>
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<td>*Packaging</td>
<td>Michael J. Adams, *Gene Michael Altonen, Roberto Javier Alvarado N.,</td>
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<td>Kirk Arrowood, Brad J. Bastion, Michael A. Bertsch</td>
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<td>Michael Bleier, Hugh J. Boyd, Marie H. Bulick, Traci Elizabeth Couch,</td>
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<td>Angela R. Dickerson, Jeffrey M. Dolsen, Thomas J. Doman, Jennifer L.</td>
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<td>Michael Gagnon, Brian E. Gavie, John Forgus Gee, Scott B. Gemmert,</td>
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<td>Angola Lynn Graham, Bobby E. Green, Lesley Carol Harris, Kimberly M.</td>
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<td>Hartner, Kelly Anne Hayes, Cynthia S. Hays, William F. Herberg,</td>
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<td>Kenneth L. Hint, Keith Alan Hunter, Cindy Jo Jackson, Brock Johnson,</td>
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<td>Timothy M. Liu, Richard Alan Lohman, David W. Marick, Karen M. McWilliam,</td>
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<td>Gail M. Rywaliski, Kimberly J. Sams, Kyle S. Southwell, Matthew Joseph</td>
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<td>Stedman, Jeffrey James Stuenkel, Brian M. Sventy</td>
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<td>*Resource Development</td>
<td>Lisa A. Swihart, Melissa Alice Taylor, Keith Vincent Vizina, Debora A.</td>
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<td>Wallace, James A. Weinmann, Mark John Zenas</td>
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<td>*Park and Recreation Resources</td>
<td>Gregory P. Bontrager, Kimberly D. Brenner, Sarah Elizabeth Craig,</td>
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<td>Bonner A. Davis, Debra Patton Field, Todd C. Hamilton, Mary Lee Luce,</td>
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<td>Aileen C. McDonald, Christine M. Nystrom, Nancy Grace Pacific, Wendy</td>
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<td>Michelle Tubbs, Angela J. Wanger, Clifford Patrick Whiteside</td>
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<td>*Public Affairs Management</td>
<td>Keith Allen Clark, Lisa Verkin Hachigian, Michael John Nyquist, Guy</td>
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<td>Anthony Scott, Craig T. Sienkiewicz, Kathryn A. Tinti</td>
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<td>DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF</td>
<td>Agricultural and Natural Resources Arts and Sciences</td>
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<td>COMMISSION ARTS AND SCIENCES</td>
<td>Bridgitt Meghan Flynn, Mario Conidia Williams</td>
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<td>Natural Resources and Environmental Education</td>
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<td>EDUCATION</td>
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* With Honor
** With High Honor
College of Arts and Letters
JOHN W. EADIE, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF BACHELOR OF ARTS

Chinese
Thomas Crawford

French
Michelle Renee Benoit
Sharon Rose Cohucci
John Dunn LaPorte

German
Eric Tyrone Crumpler
Kalee Ann Forderman

History
Sally B. Bjork
David Andrew Cvengros
Susan Hooker
Bridget Crowley Kevin
Rebecca Jane Maricle
Lonna Lambert McKinley
Janet L. Pelfrene
Cameron Randolph Ramsey
Kevin F. Ryder
Monica Anne Wozniak

History of Art
Kristin Lynn Dennen
Sandra A. Fisher
Kelaine L. Krause
Mary Nell Lord

Humanities
Matthew M. Aljian
Lori M. Barnes
Suzanne Marie Chouinard
Ruth Ellen Cunnings
Thomas J. Ewald
Sandra J. Guilfoyle
Craig D. Keith

Music
Tammie C. Kienzle
Vanessa L. Kough
Nancy R. Kureth
Debra Anne Lambert
Jayson Daniel LaRose
Chung Ho Lee
* Diana L. McQuillen
Michael Eric Noren
John Phillip Rechsteiner
Wendi L. Sneden
David Brian Trautman
Anthony S. Weiss

Humanities—Prelaw
Bethany Nadia Brake
Mary Alice Ziembo

Linguistics
Jennifer A. Miaoulis
Catherine Fay Shaffer

Philosophy
Thomas William Donovan III
* Leonard John Zielinski

Spanish
Melanie Rae Bennett
* Kate Marie Doulon

Studio Art
George R. Carter
Gina Carol Joslin
LaVoy R. Love
Ted Michael Nyland
Jerome C. Stevens
Kimberly Racqueil Waits

Theatre
Stephen R. Carns
Mark A. Taylor

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF FINE ARTS

Studio Art
Murray Dean Brockway
Diane Sue Dannesberger
John P. Harnois
Michael T. Jones
William Jones

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF MUSIC

Applied Music
Danielle Charboneau
Chad M. Parmalee
** Andrew Douglas Rose
** Lynn A. Schroeder

Music Therapy
** Robert Jon Engelsman
Christopher Rollins
* Joseph A. Zenas

Russian
Michail Zolotoff Hack
* Lawrence Scott Sheets

H * Honors College
** With High Honor
ACCOUNTING

*Margaret M. Basrai
Kelly Lynn Calkins
John David Campbell
Michael D. Congdon
Stephanie T. Cook
Gail A. Donovan
Elaine M. Edwards
Jeffrey T. Freye
James F. Gooch
* Thomas A. Graham, Jr.
Chadd Gulch
James Raymond Horn
*JoAnn Johnson
Joseph N. Karcher
Kris Edward Kaufmann
*Carleen Frances Klemczak
George Joseph Knierbein
Brenda S. Lachty
Peter Jon Martin
Wendy K. McConnell
Monique LaShon McCoy
Shannon McCoran
Tina M. Montie
*Jean M. Morath
Gary M. Remer
Stephanie Sanders
*Jon S. Scott
*Randy A. Skiedzied
Samuel C. Supernaw, Jr.
Donald L. Taylor
Amy L. Travis
*Martin Edward Waligora
Amy Ashbrook Waters
Todd Wolfe
H Dyan Elayne Young

ECONOMICS

Jeffrey Alan Heath
William S. Mikanek
Judy Glenna Shannon
David Michael Sullivan

FINANCIAL ADMINISTRATION

Michael James Biafore
James R. Brinker
Walter D. Caines
* Kayu Chung
Robert J. Coffey
Amy B. Colletti
Craig Thomas Danker
Timothy Todd Dedow
Carl A. Dreim
Mark J. Engen
George Fuska
Neal C. Gross
Kambiz Hadavi
Karen M. Hetrick
Susumu Hikita
Stephanie Elaine Johnson
Christopher S. Kendregan

* Honors College
* With Honor
** With High Honor

BACHELOR OF ARTS

BRUCE A. KERR
LEE KIAN SANG
ROSS D. LEONARD
KENNETH G. MARCHINDA
**PATRICK J. MEGENITY
CARL JOSEPH MILLER
CYNTHIA A. MILLER
GINA MARIE MINCIOTTI
MICHAEL D. O'CONNOR
JAMES STEPHEN PERIALAS
KARL EDWARD ROEHRING
DAVID C. RUPPRECHT
PETER J. SMYK
CHRISTINE J. STEINMAN
LAURA LYNN STEVENS
AARON MILES YOUNG
ROBERT TERRANCE YOUNG

GENERAL BUSINESS

ADMINISTRATION

MARGARET ANNE BABCOCK
KEITH SCOTT BARTON
KENNETH JOHN BASMANDJIAN
**LYNETTE MARIE BAUKUS
**MICHELLE C. BROOKS
RICHARD ANDREW CHERAPON
PATRICK S. CLARK
ROBERT E. CROWE
COLETTE M. FORD
**IRENE CAROL GRAMBOW
SHARON EILEEN GREEN
TERRI LAREE MADDOX
GEORGE W. NASH
RYAN P. RAPSON
TIMOTHY ALLEN RIDINGER
LAURENCE W. ROBERTS
CYNTHIA A. SMILEY
**KATHLEEN T. STEELE
JAMES P. SZYMANSKI
PATRICK J. VANCE LAAR

H D. JOHN KOSOSKI
PAUL LOUIS LEONAGAS
ELLEN M. MARKEY
ERIC T. MARKLEY
MEGAN ELIZABETH NELSON
**LISA MARIE STRIANNI
MARY KATHRYN SMITH
COLEEN M. SOWA
LAURIE A. STANTON
EMILY FINE TRUMBULL
DAVID D. WILSON

MARKETING

* KARIM NABIL ABDALLAH
JEFFREY SCOTT CONGER
SHARON MARIE COWLEY
JOHN JOSEPH FILAR
SUZANNE M. GARRISON
KRISTINA M. GRAFE
KIMBERLEY A. GRAY
MARY BETH HENDERSON
DARREL JOSEPH HOOG
LISA A. HOESCHELE
BRADFORD H. HYDE
GREGORY D. KOLDZIEJ
MICHAEL J. LAHAE
GREGG T. MADZIA
JEFFREY GERALD MAES
EUGENE PATRICK MCLAUD
SHERRY MERCHANT
HEATHER M. MOORE
**JON R. OAK
KEITH EDWARD ROBINSON
JULIE A. SCHADLER
KEVIN MICHAEL SCHEER
LESLEY L. WALTRON
**THOMAS L. WHITE
TOBIN S. WILLIAMS

MATERIALS LOGISTICS

ADMINISTRATION

* H BETH A. BROWN
ERIK A. DEPREZ
DAVID E. DUDER
DAVID WILIAM EBELING
**BRENT HADLEY GAINES
GRANT V. HAGMEYER
JOHN MATTHEW
W. MARINCKOWSKI
WAYNE A. MILLER
MICHAEL J. PETRENA
PAUL THOMAS SCHIEF
**JANICE L. SIMPSON
AUDREY SKONIECZNY
WILLIAM L. STENG
**MARY JO WITTANEN

MATERIALS LOGISTICS

ADMINISTRATION—OPERATIONS

MANAGEMENT

* H BETH A. BROWN
ERIK A. DEPREZ
DAVID E. DUDER
DAVID WILIAM EBELING
**BRENT HADLEY GAINES
GRANT V. HAGMEYER
JOHN MATTHEW
W. MARINCKOWSKI
WAYNE A. MILLER
MICHAEL J. PETRENA
PAUL THOMAS SCHIEF
**JANICE L. SIMPSON
AUDREY SKONIECZNY
WILLIAM L. STENG
**MARY JO WITTANEN

MATERIALS LOGISTICS

ADMINISTRATION—PURCHASING

MANAGEMENT

GARY R. ALLEN

TARA L. BILBY
STEPHEN MICHAEL BROAD
TAMARA L. BURKE
TODD M. CALLAHAN
*PAUL CHRISTOPHER CHAREN
SCOTT WILLIAM CHARON
BETH A. CRAFTON
DENISE LYNN DOZCY
YVONDA EDWARDS
STEVEN N. EGGEMEYER
FRANK J. GENTLE
DIANE L. HERING
MICHELLE M. HYATT
JEFFREY R. KING
LARRY LEE KOELSch
ERIC M. KORZT
SUSAN MARIE KUDWA
PHILIP A. MURPHY
MICHAEL F. NELSON
HYOUNG SEI PARK
THOMAS C. ROSS
DAWN M. SALZEDER
TIMOTHY S. SHEEBAN
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**KEVIN JOHNN SPEICHER
MICHAEL B. TARASI
MICHAEL J. TONE
WILLIAM F. VANZOWLL
BRADLEY J. WATKINS
MAE CAROL WOLF

MATERIALS LOGISTICS

MANAGEMENT—TRANSPORTATION MANAGEMENT

MATTHEW T. HULL
JOAN ELIZABETH MCPHILLIPS
ANGELA M. QUIGLEY

PERSONNEL ADMINISTRATION

H MARTHA J. ANDERSON
MARK A. JOHNSTON
CARRIE LYNNE SHEPPARD
CRISTINE LYNN STARK

H HEIDI LYNNE STOREE

PROFESSIONAL ACCOUNTING

LAWRENCE BARKLEY RAPELJEE

TRAVEL AND TOURISM

MANAGEMENT

KAREN MARIE GOVIN
LAURA A. SCHAAK

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

ECONOMICS

KENNETH E. NELSON
Degree of Bachelor of Arts

Advertising
Sonya Gayle Andreae
Debra Lynn Baker
Robin W. Berger
Michelle R. Bonomy
James C. Britton
Ruth Ann Buck
David A. Caceres
Lawrence A. Carney
Lee Eric Cohen
Edward Robert Dick, Jr.
Catherine Anna Economou
Deanna Susan Erickson
Richard E. Hush
Jennifer A. Jones
Mark A. Karcher
Cheryl A. Keen
Meredith Lynne Kuntzsch
Kristen Lambert
Patrick J. Langan
Jennifer J. Matthes
Kathleen M. McCrea
Kenneth G. Mied
Carl R. Mitroff
Robert G. Montgomery
Matthew Sean Morris
Patrick M. Phillips
Renee Diane Putt
Roland Arthur Rittner
Steven A. Robak
David Roman
Katherine H. Ross
Ian Martin Rubinstein
Stacey A. Shires
Michael J. Slicker
Lisa Marie Slocum
Stephanie Lynne Smith
Kimberly Kirsten Stebbins
Douglas J. Steele
*Anjanelle M. Swain
Clinton R. Swinehart
Paul Sarkis Tootalian
*Lucy Anne Noerdlinger
Valka
David Glen Vavro
Matthew J. Voelker
Thomas L. Wallace
David John Young

Michelle Maree
Yovanovich

Audiology and Speech
Debra L. Bolt
Michelle M. Cihlar
Karryn Mahle
Tami L. McNier
Ahunna Ikejima Diana
Nwosu
Lisa Ann Slater
Lori Anne Tharp
*Lara Kathleen Wellman
Robyn Elaine Whitmire

Communication
Robert R. Abbott
Harlon T. Barnett
La Ray J. Beckett
Elizabeth Anne Bednar
Carolyn M. Braun
William V. Broderick III
Timothy Robertson Brown
Timothy R. Brussow
James A. Burkart
Salvatore John Cappello
Rebecca Chamberlain
Anna G. Corley
Heidi Ann Dilloway
Amy J. Dowsett
John David Dragoo
Leslie J. Dunlop
Emily Margaret Edwards
Scott W. Erickson
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Jacqueline F. Green
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Jennifer Margo Greenfield
Michelle Gutke
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Montgomery
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Ian Martin Rubinstein
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Craig Shepherd
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Jill S. Sokacz
Scott Edward Spink
Christopher J. Sweetman
Scott George Tod
Jerry Todd
James David VanAntwerp
Matt Vanderbeek
Bernadette A. Voelker
Michele Renee Weber
Dena E. Wells
Eric B. Wilkinson
Taraisa Wills
Jane E. Wood
Dan A. Wronska

Journalism
*Denise D. Dombrowski

Eileen Flores
Nina Ann Hall
Jody Beth Kafarski
Jeanne Lynn Krezak
Christopher Lathrop
Lawrence Launstein
Federico Martinez
Yolanda L. McCary
Michael J. McClelland

H Kathleen S. Meade
Steven Richard Mountz
Anne M. Quinn
Tonda Latrice Redding
David T. Spratt
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Dennis James Topolinski
Craig M. Urquhart
Thomas John Watts

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Eileen M. Batters
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Joy Wilson Davis
Charles A. DeLisle
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David William Fleig
Daniel Carl Gabel, Jr.
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Nancy Rene Kemble
*David P. Klemens
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Donna Lee Neubauer
Doreen A. Petrello
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Glen Leslie Stonehouse
Donald B. Sutherland II
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College of Education
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*Stacy Ann Caldwell
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Margaret A. Dobski
*Karen J. Eisele
*David J. Green

Pamela A. Hart
Kathleen Ann Herrinton
Shawn K. Kerttu
Mee Young Lim
Tamara J. Luttig
Julie Noelle Nowka
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Cindy J. Payton-Weems

Kenneth Franklin Perrone
**Valerie Ann Pokora
**Janet Sue Stark
Mary Kaye VanAcker
Mary Ann Wegenka

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College of Engineering
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Mona Lisa Jiliche
Stephanie Ruth Nani
Tonyia Cavell Thomas

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Barbara Lynn Carr
Christine L. Flanagan
Steven Robert Grimes

*Patricia G. Krupka
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*Karen J. Eisele
*David J. Green

Pamela A. Hart
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Shawn K. Kerttu
Mee Young Lim
Tamara J. Luttig
Julie Noelle Nowka
Amy N. Osborne
Cindy J. Payton-Weems

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**Valerie Ann Pokora
**Janet Sue Stark
Mary Kaye VanAcker
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Special Education
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Mona Lisa Jiliche
Stephanie Ruth Nani
Tonyia Cavell Thomas

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Barbara Lynn Carr
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*David J. Green

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Shawn K. Kerttu
Mee Young Lim
Tamara J. Luttig
Julie Noelle Nowka
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Cindy J. Payton-Weems

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**Janet Sue Stark
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Mary Ann Wegenka

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Sandra K. Gehring
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Stephanie Ruth Nani
Tonyia Cavell Thomas

Physical Education and Exercise Science
Daniel C. Barszewski
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Steven Robert Grimes

*Patricia G. Krupka
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Michael Allen Urynovicz

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Paul Thomas Hannenberg
Lorez A. Mitchell
Kathleen L. Panley
John P. Steiner
Michael L. Swires

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Janeen Joy Beuschel
Michael B. Blackman
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Phillip J. Simonte
Matthew Thomas Szura
Thomas Anderson Wagner

Dennis William Gudenau
*Dewey Christopher Hou
*Randal S. Houston
Fares A. Jaoude
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Alain Kone
Thomas J. Leeper
Thomas J. LeMense
Gregory Keith Martin
H Kenneth James McAlinden
Roy S. McKinstry
**John Michael Merritt
Khong Vinh Ninh
Thaddeus A. Opiola
David F. Ott
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*Matthew G. Potter
H Timothy J. Rankin
Khaldoun Rayes
Paul James Sobol
Lian Wah Tan
Bruce J. Thorne
Brent E. Tompkins

Ronald D. Trice
*David VanTassell Wygmans

Engineering Arts
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*Eric Andrew Laginess
Christopher Lieske
Kathleen M. Norton
Jerald Preston Roach II
Jonathan Sanders
Suzanne Marie Schimanski
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Robert J. Wagner

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Michael Lee Tracy
Bethany Joy Walles

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Timothy Joseph Bellerive
Brian K. Berk
Virginia C. Bialek
David J. Bochenek
Paul Hubert Burbage
*Deborah L. DeMino
Triston Wallace Dougall
Todd M. Fagerman
Bonita G. Holz
Frederick R. Ignatovich, Jr.
James Robert Joliet
Steven L. Jordan
Nicholas G. Kline
Steven M. Kuca
Liang Lai
Robert Allan Learst
Denice Renee Lounsbury
*David Paul Lucky
Noah Denver Manring
Ryan W. Massey
Adam F. McKinley
H Michael Richard Messana
Craig A. Olbrich
*David John Ott
Steven B. Panse
Brian W. Petish
Peter F. Ravenna
Jennifer L. Reppen
Bradley Lane Ross
*Diane E. Scharnowske
**Terry A. Smiles
James Fraser Smithson
Eric T. Sovine
Matthew S. Tijan

DEGREE OF BACHELOR OF ARTS

Interior Design
Sharon Sun-Mei Mah
Deborah Lee Munson

DEGREE OF BACHELOR OF SCIENCE

Clothing and Textiles
Carol Caplon
*Chao Yi Chin
David L. King

Dietetics
Colleen P. Flynn
Diane E. Geiser
Pam Adriene Jennings
Laura Jane MacKay
Amy Lynn Thomas
*Mary J. Welch-Bezemek

Family Community Services
Maria T. D’Haene
Lisa M. Dietz
Linda Ann Hus
Shawn M. Marciniak
Jennifer Lee Ruokolainen
Claire D. Sowmick
*Pamela A. Toal

Foods and Nutrition
Matthew S. Borushko

Human Environment and Design
*Malu M. Gandhi
*Lisa A. Jacobson

Merchandising Management
Edie Marie Anderson
Kristin L. Bard
Paula J. Bates
Sharon Elaine Brooks
JoAnne M. Cruz
Jacqueline M. Dailey
Lisa R. David
Travis Neil Davis
Dawn DeYoung
Kimberly Michelle Etzel
Christine M. Ficeli
Michelle L. Garrish
Ann Marie Griffith
Curtis Paul Gropman
David Gurian
Shirley M. Harrison
Mary K. Herzog
Carolyn Jeanette Jackson
Jenelle M. Klososky
Lisa M. McBride
Leslie K. Meier
Jodi L. Moore
Michele Lynn Morehead
Susan Chau-Yu Mui
Cathleen Lucile Murphy
Crystal June Muscott
April D. Padalino
Jill Portnoy
Susanna E. Postma
Nancy Anne Pulte
Esperanza L. Shelton
Michele R. Shohra
Elaine Kathryn Skinner
Barbara Srivastava
Jennifer Jo Stoney
Tara P. Townsend
Tracy Anne Vanhue
Lisa A. VanTifflin
*Julie Marie Westerfield
Christopher R. Wyse

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION AND NATURAL RESOURCES

Agricultural Engineering
Christopher Kenneth Shaw
Steven E. Woerner

ENGINEERING

John Albert VanOphem
Kathleen A. Young

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

Agricultural Engineering
Christopher Kenneth Shaw
Steven E. Woerner

College of Human Ecology

JULIA R. MILLER, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF BACHELOR OF ARTS

Interior Design
Sharon Sun-Mei Mah
Deborah Lee Munson

DEGREE OF BACHELOR OF SCIENCE

Clothing and Textiles
Carol Caplon
*Chao Yi Chin
David L. King

Dietetics
Colleen P. Flynn
Diane E. Geiser
Pam Adriene Jennings
Laura Jane MacKay
Amy Lynn Thomas
*Mary J. Welch-Bezemek

Family Community Services
Maria T. D’Haene
Lisa M. Dietz
Linda Ann Hus
Shawn M. Marciniak
Jennifer Lee Ruokolainen
Claire D. Sowmick
*Pamela A. Toal

Foods and Nutrition
Matthew S. Borushko

Human Environment and Design
*Malu M. Gandhi
*Lisa A. Jacobson

Merchandising Management
Edie Marie Anderson
Kristin L. Bard
Paula J. Bates
Sharon Elaine Brooks
JoAnne M. Cruz
Jacqueline M. Dailey
Lisa R. David
Travis Neil Davis
Dawn DeYoung
Kimberly Michelle Etzel
Christine M. Ficeli
Michelle L. Garrish
Ann Marie Griffith
Curtis Paul Gropman
David Gurian
Shirley M. Harrison
Mary K. Herzog
Carolyn Jeanette Jackson
Jenelle M. Klososky
Lisa M. McBride
Leslie K. Meier
Jodi L. Moore
Michele Lynn Morehead
Susan Chau-Yu Mui
Cathleen Lucile Murphy
Crystal June Muscott
April D. Padalino
Jill Portnoy
Susanna E. Postma
Nancy Anne Pulte
Esperanza L. Shelton
Michele R. Shohra
Elaine Kathryn Skinner
Barbara Srivastava
Jennifer Jo Stoney
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*Julie Marie Westerfield
Christopher R. Wyse

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James Madison College  
ROBERT F. BANKS, ACTING DEAN

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Gillian Barr  
Robert Brent Barr  
Curtis Jason Bell  
Wuleta Betemariam  
Paul Joseph Bogucki  
Patrick Thomas Bois  
Terri L. Bowman  
Robert Charles Campbell  
H. Eric J. Cassidy  
Tosi A. Cleveland  
Philip J. D'Anieri  
Elizabeth Marion Dikeman  
Patrick J. Dirker  
Michael Donald Dolenga  
Lisa A. Dunnebacke  
Norman Gerard Fox  
Corey Michele Greenfield  
Mark A. Hakamaa  
Deborah L. Hecker  
Louis John Hominga  
Susan L. Igoe  
Michael P. Kempa  
Susan Mary Keyes  
Matthew Buratti King  
Paul A. Klauman  
Jacquelyn M. Konal  
Theresa M. LaCosse  
Dennis M. Louney  
Lisanne MacCo�eman  
Kristen K. McKinney  
Elizabeth Marie Miller  
James Richard Morgan  
Martin Morin  
Alan Dale Partee  
Bradford J. Pinter  
Beth E. Forretta  
Michael Paul Rakowski  
Christopher J. Schoenherr  
H. Teresa Lynn Serviss  
Lawrence Scott Sheets  
Paul Bradley Smith  
Maria Renee Tatro  
Laurel Telander  
Terry Sue Thompson  
William Irvin Thornton  
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Charles Marvin Totten  
Christopher Eric Tracy  
Jeffrey David Weiss  
Roger Patrick Whitney  
Andrew Wilkins  

DEGREE RECOMMENDED  
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Social Science—  
International Relations  
Allyn Sue Danzeisen

College of Natural Science  
FRANK C. HOPPENSTEADT, DEAN

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DEGREE OF BACHELOR OF ARTS  

Chemistry  
Michelle Renee Dibble  
Rebecca Ann Youngblood

DEGREE OF BACHELOR OF SCIENCE  

Biochemistry  
H**Midori A. Harris  
H**Charles Garrett Hoogstraten  

Biological Science  
James H. Coleman  
Lisa Kae Croope  
Paul Habbel  
Sean N. Hagerman  
Clark Ivey  
*Michele J. Malarney  
Steven M. Pawlyshyn  
Michelle Marie Pelc  
Melvin E. Richendollar  
Jeffrey A. Von Sogge

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Jill Fisher

Chemical Physics  
Drake L. Diedrich  

Chemistry  
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Craig M. Essenmacher  
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Clinical Laboratory Sciences  
**Diane Marie Chisholm  
*Hue Thi Le

Geology  
Christine Marie Muzyl

Lyman Briggs School  
Jane Marie Ballien  
Bellinda M. Bays  
Annette M. McLane  
Carolyn Schaupp  
Gregory D. VanAmberg  
Julie A. Wilson  
Sperry Lee Zimmerman

Mathematics  
Catherine Hancox  
H**Jeffery D. Rutter  
Gregory S. Warholak

Medical Technology  
Ernie V. Hurlbut  
Lisa R. Lawcock  
Peter Jin Lee  

Mark A. Swartz  
Keith F. Wadle  
Julie M. Wymer

Microbiology  
**Katherine E. Hicks  
Karen Marie Irons

Physics  
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Claudia A. Losey  
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Dana Michelle Bell  
Lorraine Brandon  
Mary M. Carr  
Krispen Susan Carroll  
Tony Matthew Case  
Tracy R. Charley  
Michael Alan Cudworth  
Eric S. D'Hondt  
William Francis Eardley IV  
Mathew R. Erickson  
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Steven Joseph Jesperson  
Mike E. Keller  
James Edward Klawitter  
Deborah J. Knoblock  
Lezley A. Lach  
Lori Larkins  
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Douglas Kurt Panning  
*Frank A. Parzynski  
Robert E. Pennell  
Kevin Robbins  
Carrie A. Scheible  
Kathleen M. Spillane  
Julie Joy Stahl  
Craig S. Stempowski  
Jeffery C. Troyer  
Geoffrey Charles Udell  
Michael Robert Wallace  
Lazane Sherilyn Walls  
Tanya W. Webb

Political Science  
Christine A. Buzonowski  
**Donald S. Campbell  
Quirino Dalessandro, Jr.  
Cathy Ann Jean  
Richard L. Klein  
Julia S. Millies  
Craig Shrewsbury  
Gina M. Solomon  
Steve F. Struble

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Shellenia R. Benton  
Rhonda M. Clark  
Gerald J. Finazzo, Jr.  
Steve Stevanovski  
Jol R. Strasz

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Cheryl M. Achino  
Scott A. Anderson  
Mark Steven Bonello  
Susan Lynne Buck  
Barbara Caplan  
Robert W. Corless  
Eric Robert Gavrula  
LeeLee Ann Guy  
JoAnn Heap  
Jean Ellen Herbert  
Christian Earle Horton  
Gail Ann Kurowski  
Cheri L. Loququist

Scott L. Worden  
Paige Marie Young

Karen Lynn Minning  
Angela D. Pegel  
Mary Grace Catolico Perrin  
Julie A. Rickki  
Howard Scott Spinner  
Robert Ian Steinhardt  
Tracey Deanna Taylor  
Mary Elaine Verdonk

Public Administration  
J. D. Kelly  
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Julie A. Rickki  
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Tracey Deanna Taylor  
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Kgati Satheke  
Lawrence Stawiarски  
Scott Shepard Stewart  
Victoria A. Studer  
Robin L. Suggs  
Alan M. Sweetland  
Jacqueline M. Thompson

Social Science—Prelaw  
Mary Elizabeth Holmes  
Noelle M. Schiffer

Social Work  
David Robert Erickson  
Tamara Shaneé Hodges  
Jamie Marie Keusch  
*Renee L. LeVasseur  
**Christine L. Viles

Sociology  
Ruth A. Allen  
Abdi Mohamed Kusow  
Traci Lynne Lee  
Nancy S. Olson

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Social Science Teaching  
*Colleen Marie Hodge  
**Diana L. Welch

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** WITH HIGH HONOR

13
SOCIAL SCIENCE

DEGREE OF BACHELOR OF LANDSCAPE ARCHITECTURE

William Hailer, Jr. *Terri Lynn Raquet

DEGREE OF BACHELOR OF SCIENCE

Anthropology
Amy Rose Clavan

Social Science-Prelaw
Amy Rose Clavan

**Anthropology
Sohail Badar Khan
*Kenneth Hugh Laundra
Eric Scott Lorber
Michael L. McDonald
*Stephen N. McEldowney
Cynthia J. Nowak
Lisa K. Peacock
Susan E. Potbury
**Thomas P. Ross
Kevin Michael Scheer
Shelby Anne Schinderle
Nolan G. Vredevoogd II
Deborah S. Whipple
Todd A. Willoughby
Julie Lynn Wojtysiak
Heather Zakrzewski

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*Shelagh L. Brett
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Sonya Reneé Torbert
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Yee Leng Hang
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Patrick Kelley Moore
Matthew Lloyd Rege

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Robert S. Owen
Christine S. Vaidic

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Social Science Teaching
*Julie Patricia James
George L. Krisztian

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Andrew Duane Baker
*Cynthia Sue Beedy
Timothy J. Boyd
Susan Lucy Chellstorp
John Matthew Collins
**Kelly M. Credille

Michael E. Dunn
Lorrie M. Edwards
*Kendra R. Freeman
*Susan D. Gorski
Elizabeth J. Hammer
Steven Andrew Harden
Brenda Michele Hudson
Ingrid Elizabeth Hutchins
Daniel L. Kaspari, Jr.
*Terri Sue Lagos
Valerie A. Landeck
Marianne R. Leduc-Baker
*Christy A. Lenard
Andrea Maceri
**Rob L. Maier
*Jeffrey Franklin Messman

Joseph Patrick Osbourne, Jr.
**Kimberly Ann Sheaffer
**Sarah Elizabeth Sheaffer
*Greg Matthew Sheppard
Cheryl Ann Stechschulte
Keith A. Tate
Michael S. VanderKlok
*Thomas F. Watson
*Ronald E. Zylstra

* With Honor
** With High Honor
Reserve Officers Training Corps

The following student has completed her ROTC Education at Michigan State University and has received her commission as a reserve officer of the United States Army in the branch indicated.

CANDIDATE — WINTER TERM, 1990
ORDER OF CEREMONIES

Graduate Degrees

Presiding
JOHN DiBIAGGIO, President, Michigan State University

PROCESSIONAL
The MSU Jazz Band I
RONALD NEWMAN, Conductor

AMERICA ......................................................... Smith
The MSU Jazz Band I and Audience

PRAYER
MARY SCHNEIDER
Professor, Department of Religious Studies, MSU

COMMENTS
HIRAM DAVIS
Director of Libraries, MSU

SPECIAL MUSIC
Please Send to Me Someone to Love .................................... May
The MSU Jazz Band I
Featuring TRACY MURRAY, Vocalist and
TAGE LARSEN, Trumpet

CONFERRING OF DEGREES
JOHN DiBIAGGIO
President, Michigan State University

ALMA MATER ......................................................... Traynor
M.S.U., we love thy shadows
When twilight silence falls,
Flushing deep and softly paling
O'er ivy-covered halls,
Beneath the pines we'll gather
To give our faith so true,
Sing our love for Alma Mater
And thy praises, M.S.U.
(The MSU Jazz Band I and Audience)

PRAYER
DR. SCHNEIDER

RECESSIONAL
The MSU Jazz Band I

We would like to express our appreciation to the student and staff volunteers for their assistance at the commencement exercises.
The audience is requested to remain seated while those in the processional are entering and leaving the center.
CANDIDATES — WINTER TERM, 1990

DEGREE OF DOCTOR OF PHILOSOPHY

**Adult and Continuing Education**
- Degree: MAJOR PROFESSOR
  - Philip Kelelei Chellim: J. Snoddy
  - Patricia Ann Oetman: K. Harding

**Agricultural and Extension Education**
- Degree: MAJOR PROFESSOR
  - Nicholie Ann Ashcraft: S. Levine

**Agricultural Economics**
- Degree: MAJOR PROFESSOR
  - Sangmu Lee: J. Ferris

**Agricultural Engineering**
- Degree: MAJOR PROFESSOR
  - Harold W. Belcher: G. Merva
  - Marie Elena Castell Perez: J. Steiffe
  - Vanee Komolprasert: R. Ofoli

**Animal Science**
- Degree: MAJOR PROFESSOR
  - Cheick Abagouro Bocoum: R. Deans
  - Just Jensen: I. Mao

**Arts and Letters—Interdisciplinary**
- Degree: MAJOR PROFESSOR
  - Lenin Bega Kasoga: A. Cafagna

**Biochemistry**
- Degree: MAJOR PROFESSOR
  - Jianli Cao: L. Kaguni
  - Marcia Jane Kieliszewski: D. Lamport
  - Chan Yong Lee: J. Zeikus

**Botany and Plant Pathology**
- Degree: MAJOR PROFESSOR
  - Thea Ann Wilkins: N. Raikhel

**Business Administration**
- Degree: MAJOR PROFESSOR
  - Ki Choong Han: K. Butler
  - Doo-Hee Lee: G. Harrell
  - Dale Stewart Rogers: D. Bowersox
  - Judith Christina Walbo: A. Arens

**Chemistry**
- Degree: MAJOR PROFESSOR
  - Hussein Mohamed Galal: C. Brubaker
  - El-Din Ali: S. Crouch
  - Thomas Patrick Doherty: S. Crouch
  - Robert George Harfmann: C. Enke
  - Kevin Joseph Hart: D. Nocera
  - Julie Ann Jackson: E. LeGoff
  - Bryon A. Merrill: W. Taylor

**Civil Engineering**
- Degree: MAJOR PROFESSOR
  - Hasan M. Al-Ahmadi: W. Taylor
THE GRADUATE SCHOOL

DEGREE OF DOCTOR OF PHILOSOPHY

**Food Science—Microbiology and Public Health**
- Jyh Song Horng: J. Pestka

**Geology**
- David B. Westjohn: W. Cambray

**K-12 Educational Administration**
- Christopher G. Jencka: J. Suehr
- John D. Kingsnorth: J. Suehr
- J. Mark Lubbers: L. Lezotte
- Ted N. Okey: P. Cusick
- David A. Prentice: L. Romano

**Mathematics**
- Frank Judson Curtis III: W. Brown

**Measurement, Evaluation, and Research Design**
- Ivan Alexander Stuck: W. Mehrens

**Mechanical Engineering**
- Elaine P. Scott: J. Beck
- Moon Suk Suh: J. Whitesell

**Microbiology and Public Health**
- Matthew David Kane: J. Breznak
- Jiing-Dwan Lee: J. Dodgson
- Sheau-Huey Suhng: P. Magee

**Music**
- James Peter Colman: A. LeBlanc

**Neuroscience—Psychology**
- Timothy Grant Youngstrom: A. Nunez

**Pharmacology**
- Lawrence John Dahm: R. Roth
- Paul Charles Levesque: W. Atchison

**Physical Education and Exercise Science**
- Steven D. Smith: G. Dummer

**Physics**
- Yongsheng Li: P. Duxbury

**Physiology**
- Mary Lynn Bajt: B. Zipser
- Joseph Floyd Clark: P. Dillon

**Plant Breeding and Genetics—Horticulture**
- Loong-Sheng Chang: A. Iezzoni
- Amnon Levi: K. Sink

**Political Science**
- Joseph A. Ignagni: H. Spaeth
- Ronald Edwin Langley: C. Ostrom

**Psychology**
- Laurence J. Antosz: E. Donelson
- Alison Lynn Card: G. Stollak
- Louise M. Finlayson: C. Winder
- Silvia C. F. Wollbruck Von Kluge: M. Rilling

**Spanish, Language and Literature**
- Silka Freire: P. Melendez

**Systems Science**
- Shi Bai: F. Salam
- Jichang Lo: R. Schlueter

**Zoology**
- Hamdy Hassan M. Hassanain: W. Kopachik
- Elizabeth I. Rogers: D. Beaver

DEGREE OF EDUCATIONAL SPECIALIST

Shirley Marie Farnsworth
- Anthony L. Foster: Steven L. Secor
- William Edward Southworth:
MEDICAL DEGREES

College of Human Medicine
WILLIAM A. ABBETT, ACTING DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF DOCTOR OF MEDICINE

Tajuana Bayless
Daniel L. Blumberg
Michael D. Chafty
Michael Charles Chartrand

Michael P. Eaton
Michael Ingram
Keith Krueger
Michelle LaFave

Anne L. Mattson
Scott Arthur Monteith
Lynne Ivy Portnoy
Cathryn Irene Roberts

Philip Alan Robinson IV
Jeffrey Charles Stieve
Betty J. Traciak
MASTER’S DEGREES
College of Agriculture and Natural Resources
JAMES H. ANDERSON, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF SCIENCE

Agricultural Technology
Hui Jiao
John L. Mykrantz
Mevin Ndarusiigiye
Mary Elizabeth Procopio
Ma. Anne S. Sumagaysay
Jingyue Xiao
Augustin P. Zvinavashe

Food Science
Siti N. Abdul Malek
Karen Ruth Allen
Mitchell Preston Hull
Shue-Fung Wang

Forest Science
Douglas G. Erickson
Yi-Fen Lee
Wahjudi Wardojo

Horticulture
Renee K. George
Brent Lee Ridley

Packaging
Gary C. Grantham
Suresh Nagaraj
Charles D. Pierce

Park and Recreation
Resources
Angela L. Davis
Yoohong Kwon
Michael G. Tully
Jon R. Wyble

Resource Development
Dawn R. Boston
Edgardo De La Torre
Sandra Sawtelle Hodge
Jody A. Kubitz
Huifen Kuo
Richard Xavier Moore
Muzirman
Adrian Z. Roczay
J. D. Snyder
Kenneth Stern
Ignacio Villa
Gwendolyn C. Zagore

Agricultural and Extension Education
James J. Connors
Christoffel den Biggelaar
Joshua Kamya Kigezya
John P. Knorek
Christopher Stephen Lufkin
Charles Masangano
Chudy Emmanuel Uzowulu

Agricultural Economics
William P. Guyton
Odina Arthur
Hudson Jere

Agricultural and Animal Science
Ignacio Avila
Thomas R. Olmsted

Agricultural and Animal Science Extension Education
Fausto B. Bercovitch
Deborah M. Breed
John P. Knorek

Agricultural and Animal Science Extension Education
Ignacio Avila
Tom Bussey

Agricultural and Animal Science Extension Education
Ignacio Avila
Tom Bussey

College of Arts and Letters
JOHN W. EADIE, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF ARTS

American Studies
Xiaoiqing Cai
Christian Gräff

English
Catherine A. Kirchgesner
Hui-Zung Peng
Rosemary Erickson Pierce
Scott J. Simpson

English—Secondary
School Teaching
Christine Emily McKinnon

English—Teaching of English to Speakers of Other Languages
Maria del Rocio Céspedes Ulloa
Mei-Wen Wu

German
Daniel J. Low

History
Mark A. Warber

History of Art
Joseph Alexander Magil

Linguistics
Dae Hee Lee
Ting Chen Yang

Musicology
Barbara Roennecke Ballard

Philosophy
Michael P. Nelson
Rebecca Bensen Pagen
Neil Glenn Whittle

Spanish—Secondary
School Teaching
Cindy Ann Kendall

Studio Art
Andrea T. Funk
MASTER'S DEGREES

DEGREE OF MASTER OF MUSIC

Applied Music
Sidney D. Hoeksema
Andrew G. Mott
Jane Marie Weigel

Music Therapy
Bonnie Faye Chan

Graduate School of Business Administration

RICHARD J. LEWIS, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF ARTS

Economics
Nils Johan Bjorksten
Tze-Wei Chen

John M. Jacobson
Niva V. Sintes
Kelvin R. Utendorf
Carlos Vega Segura

Business Administration
John N. Hansson
Paul Wm. Wayvon

Finance
Julie Marie Angeli
Mark T. Bryon
Dennis K. H. Chau
Chaewook Cheong
Dean Louis Christofolis
Gary R. Clark
Henry A. Hafer
Robert William Hickson
Russell G. Hunt
Sang Kyoo Jhee
Philip David Lussier
James R. MacDonald
Curtis J. Opyr
Huey Lien Pan

Timothy L. Powers
Stephen Edward Roberts
Kim Ling Shum
Soo Kwong Kee
Frank J. Tundo
Thomas H. Wieten
Mark A. Wright
Brian G. Zахs
Woan Lian Li
Ran Lin
Marcia A. Luke
Brenton Boyd Moomey
Bryan Keith Poirier
Richard M. Power
Gayann Reynolds
Todd S. Siegwart
Steven S. Stelter
Philip J. Trocchia

Hotel, Restaurant, and Institutional Management
Autumn Lee Scaggs

Marketing
Bradford L. Ballast
Shaun L. Burke
Peter R. Gaylord

Materials and Logistics Management—
Transportation/Physical Distribution Management
Jill M. Langen

Personnel—Human Relations
Suzanne F. Wright

Professional Accounting
Lawrence Barkley Rapelje

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Renee L. Obuchowski
Kevin Wren Smiley

College of Communication Arts and Sciences

ERWIN P. BETTINGHAUS, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF ARTS

Advertising
Billie Bedell-Mallery
Fei Lin Chen

Paul Garnier
Grant Charles Griffin
Verda Gurses
Kristi Lee Johnson
Alessandra Magistrali
Diana Marie Marx
Michele C. Phillips
Gregory J. Roberts
MASTER'S DEGREES

DEGREE OF MASTER OF ARTS

Audiology and Speech Sciences
Vicky Ann Birchmeier
Darlene C. Devereaux
Suzanne Marie Flowers
Maria Rose Laliberte
Jamie Jorene Lawlor
Judith Michelle Young

Communication
Stuart Gregory Gus
Kaori Kinjo
Yuko Kobayashi
Jennifer A. Mettler
Karen Ann Monty
Patricia K. Morgenstern
Laurence Schilling
Sandra M. Starnaman

Journalism
Catherine R. Hood

Telecommunication
Peter A. Frahm
Michelle Denise Massey
Joan V. Miller
Lai Si Tsui

DEGREE OF MASTER OF ARTS

Adult and Continuing
Education
Mary G. Jolliffe
Norma Schulert Pryor
Patricia B. Shayne
Sarah Elizabeth Sugnet
Yuko Tasaki
Deborah K. Williams

College and University Administration
Salem H. Alsubr
Anne E. Lombard
Shawn William Whitcomb

Counseling
William David Eddy
Margaret F. Miller
Carol Jean Pavetto
Kathleen Rae Shook
Brian Lee Wissink
Wong Cheuk-Ming

Curriculum and Instruction
Robin Dixon

Curriculum and Teaching
Abdulla Al-Hozaimi
Karen Sue Alpher

Educational Psychology
Shirley Marie Farnsworth
Julie Ann Galvin
Janet Lynne Mackie

Educational Systems Development
Donald Glen McBride, Jr.

Health Education and Human Performance
Gregory P. Gorski
Kathryn Allen Hankin
Margaret Ann Hoshield
Jill Jandreski

K-12 Educational Administration
Catherine J. Ash
Stephen Loyal Christenson
Dorothy L. Clore
Douglas S. Fraser
Pamela R. Harper
Gerald E. Klopmarens
Mariann Saenen Megge
John Trescoxt Sala
Michael Allen Swinger
Jerry D. Van Havel

Measurement, Evaluation, and Research Design
See Heyon Jo
Syambasri Munaf

Physical Education and Exercise Science
Paul Gregory Behen
Anthony D. Bram
Laura Jeanne Correia
Kenneth L. Hoffman
Susan Lynn Tameling

Reading Instruction
Nancy Carole Brand
Katherine L. Bronkema
Jennifer D. Hatcher
Pamela K. Hunt
Elizabeth Kowalske
Christine A. Ogden
Ann Marie Papson
Sherry Skridulis

Rehabilitation Counseling
Colleen J. Deatsman

Special Education
Barbara Ellen Holmes
Mary Fisher Jenks
Joan Kaye VanDam

College of Education

JUDITH E. LANIER, DEAN

CANDIDATES — WINTER TERM, 1990
College of Engineering
THEODORE A. BICKART, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF SCIENCE

Chemical Engineering
Jonathan R. Engelsma
Michael F. Guthrie
Sally J. Howden
Mei-Yueh Huang
Myank Jain
Jin Hyung Lee
Masahiro Mizutani
Bhaskar Parvathaneny
Charles Russell Severance
Tan Kwee Heong
G. Umakanthan
Andrew Hen-Chung Wang
Mei Hui Wu
Shek Ming Wu

Civil Engineering
David DeVauhn
Mahkame Khooryaran
Augustine Okwuegbu

Computer Science
Antonio M. Arcienega
Chih-Chou Chao
Chun-Chi Chen
Wei-Fin Chen
Chou Wen-Hwa
Thomas E. Cook
Barbara J. Czerny

Electrical Engineering
Hamad Saleh Alhokail
Mohammed S. Alhumay
Tufan Batan
Ti Yao Chan
Ming Cheng Hsieh

Environmental Engineering
Xianda Zhao

Materials Science
Mehmet Ali Gulgun
Seung Ho Nam
Anthony Dale Ozzello, Jr.

Mechanical Engineering
Devang Jayant Desai
Wendy Lynne Fanson
Charles P. Gendrich

Mechanics
Robert M. Doane
Michael Lynn Esch
Kristin Beth Zimmerman

Metallurgy
Mandar K. Hingwe
Yoo Jaimoo

Systems Science
David J. Holtschlag

College of Human Ecology
JULIA R. MILLER, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF ARTS

Interior Design and
Laura Beth Vierling

Human Environment

DEGREE OF MASTER OF SCIENCE

Community Services
Stephen J. Apple
Michael David Mason
Linda J. Muth
Michelle A. Reese
Michael R. Scott

Human Nutrition
Chrisanne M. Grant
Mary L. Greeley
Sheryl Ann Nied

Institution Administration
Karen S. Przytulski

Merchandising
Brigid M. Hart
Kimberly W. Parnello
College of Natural Science
FRANK C. HOPPENSTEADT, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF SCIENCE

<table>
<thead>
<tr>
<th>Biological Science</th>
<th>Clinical Laboratory Sciences</th>
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<tbody>
<tr>
<td>Roger J. Diegel</td>
<td>Anthony E. Kurnat</td>
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<td>Hsiu-Yi Su</td>
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<td>Pathology</td>
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<td>Lucía Afanador Kafuri</td>
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<td>Paulina Sepulveda Ramírez</td>
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<td>Nyan-Tsz Wu</td>
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<td>Chemistry</td>
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<td>Fenton R. Heirtzler</td>
<td>Jianjun Chen</td>
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<tr>
<td>Luis A. Romero</td>
<td>Douglas A. Murray</td>
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Utami Rahardja
Janyce Marie Ryan
Judith Marie Sirota

Geology
Gregory S. Foote
Michael Patrick McDermott
Joseph D. McKee

Mathematics
Faouzi Azzouz
Halil Ibrahim Celik
Jack A. Jordan

Physics
Richard V. Astur
Randy Joel Rencsok
Dale Allan Ross
Khodr M. Shamseddine

Statistics
En Weh Fan
Edward M. Huizinga
Lea P. Javier
Mahkame Khoshyaran

Zoology
Heidi S. Keck
James Edward Zablotny

College of Nursing
GWEN ANDREW, ACTING DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF SCIENCE IN NURSING

<table>
<thead>
<tr>
<th>Anatomy</th>
<th>Biomechanics</th>
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<tr>
<td>Debra D. Berry</td>
<td>Andrea G. Johnson</td>
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<td>Susan L. Jensen</td>
<td>David G. Snow</td>
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<td>Patricia Soutas-Little</td>
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<td>James J. Mead</td>
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College of Osteopathic Medicine
MYRON S. MAGEN, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF SCIENCE

<table>
<thead>
<tr>
<th>Anatomy</th>
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<td>Sheila Keane</td>
<td>Andrea G. Johnson</td>
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<td>David G. Snow</td>
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<td>Patricia Soutas-Little</td>
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</table>
College of Social Science
KENNETH E. COREY, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF ARTS

**Anthropology**
- Hisako Inaba
- Mary E. Joy
- Margaret Montfort
- Lin Feng Pan
- Salalenna G. G. Phaladi
- Liisa Marie Randall

**Geography**
- Andrea M. O’Ferrall
- Jenifer M. Olson
- Vanawipha
- Pasandhanatorn

**Psychology**
- Barbara Brown
- Stephen Witney Gilliland
- Keith Evan Hattrup
- Karen Beryl Kiemel
- Debra Ann Major
- Virginia Carol Wright
- Karen Irene Young

**Social Science**
- Roya Mavaddat

**Sociology**
- Johanna Gotts
- Janet Lee Metzelaar
- **Sociology—Urban Studies**
  - Sping Wang

**Political Science**
- Hyunsung Lee
- Scot J. Zentner

DEGREE OF MASTER OF LABOR AND INDUSTRIAL RELATIONS

- Richard F. Bailhe, Jr.
- Julie A. Brasseur
- Carol Ann Bryson
- Gary Richard Cunningham
- Gary S. Fealk
- Kimberly Henry
- Mary Ann Heyboer
- John Thomas Hill
- Colleen K. Hunter
- Michael Andrew Komola
- Susan K. Laurenzo
- Tom E. Lemin
- Lisa A. Meagher
- Dara J. Philipsen
- Kirsten E. Ross
- Hilary Beth Sanders
- Lynne Scully
- Jillian Shapiro
- Laura M. Sorbilli
- Shufen Olivia Yuan

DEGREE OF MASTER OF PUBLIC ADMINISTRATION

- Albert J. Doom
- Cathy Lynn Weirick

DEGREE OF MASTER OF SCIENCE

**Criminal Justice**
- Scott Michael Carlyon
- John J. Castle
- Alfred E. Kurzawski, Jr.
- Roger C. Miller
- Dianne Detrio Naderi

**Psychology**
- Manelisi H. F. Ndibongo
- Timothy G. Reedy
- David R. Strauss

**Sociology-Urban Studies**
- Chyan-Yi Yeh-Shyr

**Social Science**
- Roya Mavaddat

**Sociology**
- Johanna Gotts
- Janet Lee Metzelaar
- **Sociology—Urban Studies**
  - Sping Wang

DEGREE OF MASTER OF SOCIAL WORK

**Administration and Program**
- Marilyn Totzkay-Gilman

**Clinical Social Work**
- Jean Alice Shahinian

DEGREE OF MASTER IN URBAN PLANNING

- Norhayati Kamaruddin
- Dwi Abad Tiwi
College of Veterinary Medicine

JOHN B. TASKER, DEAN

CANDIDATES — WINTER TERM, 1990

DEGREE OF MASTER OF SCIENCE

Large Animal Clinical Sciences

Ellen Baker Belknap
David John Wilson