

UNIVERSITY OF ROCHESTER

One hundred thirty-third annual

Commencement Ceremonies



SUNDAY, MAY EIGHTH

NINETEEN HUNDRED EIGHTY-THREE

COMMENCEMENT GREETINGS

Pageantry and color are treasured parts of Commencement. The academic procession with its rich variety of medieval costumes, the Marshall's mace, and the ornate beauty of this Theatre all remind us of the academic tradition and of the work and sacrifice of many generations that have made this a strong university firmly planted in that tradition.

The true emphasis of the day, though, is on the graduates who are leaving our walls to take their places in the jostling and disorderly world outside. It is for them that we are here—faculty, staff, Trustees—in a ceremony that is unlike any other at the University. We congratulate the graduates on their attainments and wish them our best. And we salute the parents, too, for in the words we often hear on television, they have “in part made this program possible.” *Meliora!*

David T. Kearns
Chairman, Board of Trustees

TABLE OF CONTENTS

	Page
COMMENCEMENT CEREMONIES	2-3
COMMENCEMENT COMMITTEE	4
FACULTY MARSHALS	4
GRADUATING STUDENT MARSHALS	4
DIPLOMA CEREMONIES	5
HONOR SOCIETIES	6
PRIZES AND AWARDS	8
RECIPIENTS OF DEGREES	
College of Arts and Science	12
Bachelor of Arts	12
Bachelor of Science	17
Master of Arts	19
Master of Science	20
Graduate School of Education and Human Development	21
Master of Science	21
Master of Science in Education	21
Doctor of Education	22
College of Engineering and Applied Science	23
Bachelor of Science	23
Master of Science	25
University College of Liberal and Applied Studies	27
Bachelor of Science	27
Master of Science	27
Eastman School of Music	28
Bachelor of Music	28
Master of Arts	29
Master of Music	29
Doctor of Musical Arts	30
School of Nursing	31
Bachelor of Science	31
Master of Science	32
University Council on Graduate Studies	32
Doctor of Philosophy	32

Commencement

EASTMAN WIND ENSEMBLE

The Ensemble is made up of Eastman School of Music students, many of whom are graduating seniors. When formed in 1952 by Frederick Fennell, the Eastman Wind Ensemble took an approach decidedly different from that of the traditional wind band. The Ensemble was established as a basic group of instruments to be taken as a *tutti* resource, from which smaller ensembles could be assembled as desired; instrumentation for any particular work could vary substantially according to the specific demands of the composer.

The Ensemble has since become a model for others of its kind around the country, and has been credited with spurring a renaissance in symphonic wind music. In 1962, the group came under the direction of A. Clyde Roller, and in 1965 its leadership was assumed by Donald Hunsberger, professor of conducting and ensembles. In addition to domestic tours, the Ensemble made a six-week tour of Japan and the Far East in 1978 under Hunsberger's direction.

Undertaking its first recording project in 1953 with Mercury Records, the Eastman Wind Ensemble has since recorded for Philips, Deutsche Grammophon, Decca, Vox, and Desto. In addition, Toshiba-EMI has released two albums of material recorded during the 1978 tour. *Homespun America*, a Vox Box of nineteenth-century American music, was released a few years ago to wide critical acclaim. More recently, Mercury Golden Imports has released an Ensemble recording featuring the works of three Pulitzer Prize winners: *Young Composer's Guide to the Six Tone Scale*, by the late Howard Hanson, performed with pianist Barry Snyder of the Eastman School faculty as soloist; . . . *and the mountains rising nowhere*, by Joseph Schwantner, professor of composition at Eastman and 1979 Pulitzer Prize winner, and *Emblems*, by Aaron Copland. A *Fanfare* reviewer has called it "an extremely appealing new release."

Mini-Concert

Fanfare and Allegro	<i>James Clifton Williams</i>
Mass from La Fiesta Mexicana	<i>H. Owen Reed</i>
An Original Suite	<i>Gordon Jacob</i>
1 March	
2 Intermezzo	
3 Finale	
American Salute	<i>Morton Gould</i>

Procession

Commencement Fanfare I	<i>Howard Hanson</i>
March—Pomp and Circumstance, Op. 39, No. 1	<i>Edward Elgar</i>
Commencement Fanfare II	<i>Howard Hanson</i>
March—Crown Imperial	<i>William Walton</i>

Invocation — Paul W. Walaskay, *Director of Religious Activities*

Welcome *President Sproull*

Ceremonies

Robert L. Sproull, *President, Presiding*

Conferring of Doctoral Degrees

The degree Doctor of Philosophy *Dean Riker*

The degree Doctor of Musical Arts *Director Freeman*

The degree Doctor of Education *Dean Garms*

Conferring of Master's Degrees

Dean Garms

Conferring of Baccalaureate Degrees

The College of Arts and Science *Dean Hunter*

The Eastman School of Music *Director Freeman*

The University College of Liberal and
Applied Studies *Dean Knox*

The College of Engineering and
Applied Science *Dean Thompson*

The School of Nursing *Dean Ford*

Eastman Wind Ensemble

The Stars and Stripes Forever *John Philip Sousa*

The Edward Peck Curtis Award for Excellence in Undergraduate Teaching

Robert Clifford Angerer *Professor Hecht, University Orator*

The Hutchison Medal

David Woodfin Stewart *Professor Hecht, University Orator*

Conferring of Honorary Degrees

Professor Hecht, University Orator

Doctor of Humane Letters
William Robertson Davies

Doctor of Laws
Willie Stargell

The Genesee *Herve D. Wilkins, 1866* *Led by John C. Braund*

Recession

Festive Overture *Dimitri Shostakovich*

Commencement Committee

Harmon S. Potter, Chairman
James S. Armstrong
Mary Bartholomew
Albert P. Bergeron
Ann V. DeWald
George L. Dischinger
Jerome D. Diver
Richard F. Eisenberg
Alan L. Heyneman
J. Paul Hunter
Ronald Paprocki
Donald A. Parry
Robert Rouzer
Janet C. Spielmann
Lori Ann Tannenbaum
Kenneth F. Wood

Faculty Marshals

University Marshal—Richard F. Eisenberg
Associate Marshal—George H. Ford
Chief Faculty Marshal—Carlyle F. Whiting

Clara P. Baldwin
Joann A. Belle-Isle
Jerome D. Diver
Diran K. Dohanian
Jon E. Engberg
John R. Ferron
Edwin Kinnen
Brenda Meehan-Waters
Jesse T. Moore, Jr.
William B. Muchmore
Marjorie C. Pfaudler
Jarold W. Ramsey
Donald J. Shetler
Hugh M. VanHorn

Graduating Student Marshals

COLLEGE OF ARTS AND SCIENCE

Jeffrey Pearce Bond
Christine Marie Branche
Robert Charles Cordaro
Ellen Susan Danto
Elizabeth Pirie Farkas
Rena C. Gewirtzman
*Anthony Ragnar Ives
Robert V. Kowalewski
Alan Richard Michelson
Deborah Lynn Paone
Mark Andrew Pitcher
*Gerard William Smith
Karen R. Stern
Lisa Ann Vahdat

EASTMAN SCHOOL OF MUSIC

Sarah Elaine Briggs
*Raphael Bennard Bundage
Douglas Richard Cook
Peter Michael Kaminsky
*Christopher Scott Norton
Barbara Ann Raedeke
Paul Matthew Sportelli

UNIVERSITY COLLEGE OF LIBERAL AND APPLIED STUDIES

*Jane Benjamin Baum
Rosemary C. Fontaine
*Joyce M. Rapp
Ann Valastro Rook
James Vincent Scott
Richard Glen Westfall

GRADUATE SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

*Mary Loretta Hayes
Dorothy Botkin Rosenthal
Claudia Jane Schraver

COLLEGE OF ENGINEERING AND APPLIED SCIENCE

David Joseph Crispino
John David Downie
Thomas John Fleming
*Susan Nicole Houde-Walter
Murray Edward Rudin
*Steven Jay Weinstein

SCHOOL OF NURSING

Nancy Walker Gaden
*Judith A. Hanlon
Sharon Dennler O'Gawa
Ellen Marie Powers
Mary Margaret Relich
*Rebecca Hill Ressue

UNIVERSITY COUNCIL ON GRADUATE STUDIES

Elise Michele Gold
Douglas Howard
Joseph Bryan Lyles

*Chief Marshal

Diploma Ceremonies

12:00 noon

College of Engineering and Applied Science
University College of Liberal and Applied Studies

Eastman Theatre
Kilbourn Hall,
Eastman School of Music

12:15 p.m.

College of Arts and Science

Psychology
Public Policy

Sanctuary, Interfaith Chapel
Room 201, Dewey Hall

Eastman School of Music and College of Arts and Science Music

Cutler Union

1:30 p.m.

College of Arts and Science

Anthropology

Music Rehearsal Room, Wilson Commons

Biology

Strong Auditorium

Chemistry

Room 140, Hutchison Hall

Economics

Hubbell Auditorium, Hutchison Hall

Fine Arts

Fine Arts Gallery, Rush Rhees Library

Foreign Languages, Literatures, and Linguistics

Lower Level, Interfaith Chapel

Geological Sciences

Third Floor Lounge, Rush Rhees Library

History

May Room, Wilson Commons

Mathematics, Statistics, and Computer Science

Hoyt Hall

Philosophy

Room 303, Psychology Building

Physics and Astronomy

Hoyt Hall Lawn

(Rain location: Room 109, Bausch and Lomb Hall)

Sociology

Reserve Reading Room, Rush Rhees Library

Graduate School of Education and Human Development

Room 201, Lattimore Hall

School of Nursing

Auditorium, River Road Laboratory

2:00 p.m.

College of Arts and Science

Political Science

Sanctuary, Interfaith Chapel

2:15 p.m.

College of Arts and Science

Center for Special Degrees—Film Studies and Religious Studies

Gowen Room, Wilson Commons

2:30 p.m.

College of Arts and Science

Biochemistry

Room 201, Dewey Hall

Microbiology

Helen Wood Hall, Medical Center

Neuroscience

Room 114, Dewey Hall

3:15 p.m.

College of Arts and Science

English

Hubbell Auditorium, Hutchison Hall

Center for Special Degrees—

General Science, Health and Society,

Individualized Interdepartmental Studies

Third Floor Lounge,

Rush Rhees Library

Honor Societies

PHI BETA KAPPA

- Alexandra DiLauro Astill
 - **Douglas Wayne Balcom
 - **Jeffrey Pearce Bond
 - Brenda Lee Bove
 - Christine Marie Branche
 - Paul Jonathan Brenman
 - Esther Beth Broadwin
 - **William Francis Buffone
 - Sheila Mary Burns
 - Jonathan Cagan
 - Karen Marie Christy
 - Maren Leyla Cooke
 - Robert Charles Cordaro
 - **Ellen Susan Danto
 - Susan Marie Deschenes
 - **John David Downie
 - Carolyn Elizabeth Duff
 - Michelle Janice Duval
 - Christine Evon Ecklund
 - Sheryl Marie Ehrmentraut
 - Ivy Rae Ellenberg
 - Leslie Shirin Farhangi
 - Denise Marie Flanigen
 - **Thomas John Fleming
 - Rena C. Gewirtzman
 - **Michael Howard Goodstein
 - Pamela Anne Graunke
 - Mark J. Guardalben
 - Nicoletta F. Gullace
 - Peggy-Jean Harari
 - Lee Ann Heman
 - Joseph J. Hinchliffe
 - Lindsay K. Holmes
 - Natalie J. Hutton
 - **Anthony Ragnar Ives
 - Elizabeth A. Jennison
 - **Robert V. Kowalewski
 - Gregory William Kress
 - **Donna Marie Leippe
 - Chrystal Ann LeRoy
 - Alan Richard Michelson
 - Marcus Charles Migliore
 - James John Nocton
 - **Bonnie Linda Orzech
 - Deborah Lynn Paone
 - Louisa Panagiota Perimenis
 - Mark Andrew Pitcher
 - Joyce M. Rapp
 - Margretta Ellen Redmond
 - Joy Ellen Remuzzi
 - Scott George Richter
 - Kathleen Lynn Roberts
 - Brian Robert Rohrs
 - F. Bruce Rohrs
 - Philip Mathew Rolchigo
 - Debra Joyce Rossi
 - Christopher William Ryan
 - Bernard L. Salamone
 - **Anthony C. Scarfone
 - Joseph Andrew Smith
 - Katherine J. Spohn
 - Alison Tanner Stauffer
 - **Karen Rebekah Stern
 - Charles Henry Taylor
 - **Avadis Tevanian, Jr.
 - Michael David Tinney
 - Lisa Ann Vahdat
 - Doreen Marie Walag
 - **Steven Jay Weinstein
 - Randall Baker Whitestone
 - Gretchen Marie Woodberry
 - Laura Jane Zaccogna
 - **Michael E. Zucker
- **Elected in Junior Year

TAU BETA PI

- David M. Aikens
- Alexandra DiLauro Astill
- David Alan Bailey
- William Louis Barnard
- Patti Allyson Bernstein
- Jeffrey William Blain
- Jonathan Cagan
- Ming En Chen
- John David Downie
- Michelle Janice Duval
- Thomas John Fleming
- Jon Allen Giberson
- Mark Eric Gilbert
- Morten Olav Green
- Julie R. Grob
- Mark J. Guardalben
- Jim Frederick Haskin
- Steve Dubbs Hoyt
- Natalie J. Hutton
- Matthew Raycroft Kercher
- Thomas Edward Kopley
- Gregory William Kress
- Brian J. Kwarta
- John William Lockard
- Kevin Patrick McGuire
- Paul Russell Messina
- Frederick Alfred Mueller
- Jeffrey John Mueller

Jeffrey Victor Peck
Stephen Jairus Potochnik
Scott George Richter
Phil Mathew Rolchigo
Murray Edward Rudin

Nicholas C. Trasolini
Steve Jay Weinstein
Robert Michael Zacharias
Brian Keith Zellers

SIGMA THETA TAU

Karen Margaret Andersen
Steven Edward Buckley
Athanius Clement Cherry
Carol J. Cornwell
Karen Frances Duffy
Judy Feret
Gail L. Grammatica
Leigh Griffiths
Judith Ann Hanlon
Judith Foote Harrigan
Kayko Jean Harris
Jane K. Hartnett
Jacqueline Ann Koscelnik
Barbara Monika Kreckel
Barbara Anne Lawler
Elaine Hanna Leibman
Theresa B. Litteer

Carolyn Theresa Magee
Maura Maguire
Hollis M. Mahaney
Dawn Marie Moshier
Susan Nicoletti
John Michael Nulty, Jr.
Gayle Terese Nutile
Kathleen Mulholland Parrinello
Linda Marie Pierce
Karen Keel Richardson
Richard Walter-John Scheer
Gretchen Jean Shoolbraid
Jennifer S. Timms
Patricia Ferrau Troyan
Robyn Louise Vincent
Elaine Darbee Walker
Donna Marie Windrel

KAPPA DELTA PI

Margaret M. Cassidy
Dan C. Davis
Danielle Fraenkel

Ann S. Leonard
Joseph Ricotta
Joseph A. Wallace

Some things are changing. We now have a federal law requiring that there be equal pay for equal work in organizations doing business with the federal government, and that higher level positions be opened to women. Universities throughout the land are responding to the requirement to provide equal opportunities for women as well as for members of minority races. And the recent report of the Assembly on University Goals and Governance of the American Academy of Arts and Sciences, includes as one of its major theses the following formulation:

"Undergraduate degrees earned by women rarely lead to the same employment opportunity as those earned by men. To a lesser extent, the same is true for advanced degrees. Universities and colleges in their own employment policies ought to become model employers, demonstrating their readiness to engage women at every teaching, research, administrative and staff level. They ought to work through their placement and other offices to educate employers to pursue the same policy, thereby securing for women many more positions as salaries equal to those of men. If the above are done, and if women have the same job opportunities in all professions, including that of university teaching, the situation by the end of this decade will be dramatically different from what it is today."

—From remarks of Mina Rees on receiving the degree Doctor of Science at the University of Rochester June 6, 1971.

Prizes and Awards†

The Davis Prize, founded in 1864, open annually to the men in the graduating class whose original expository or persuasive speeches exhibit the highest excellence in content, organization, style and delivery—

The Elizabeth M. Anderson Prize, awarded to the senior who shows the highest proficiency in some subject connected with art—Alan Richard Michelson

The N. B. Ellison Prize, awarded to the students in the senior class concentrating in history who have done the best work in that department—Randall Baker Whitestone and Leslie Shirin Farhangi

The Isaac Sherman Fellowship, awarded to that student who has shown the highest ability in the work of the Economics Department—

The Williams Memorial Prize, awarded to the woman in the senior class concentrating in English who has done the best work in the department—

The Kreyer Prize in German, awarded for facility in spoken German—Pamela Jean Clift

The Stoddard Prize in Physics, awarded to the student in the senior class who presents the best thesis on an assigned topic of investigation in physics—

The Terry Prize, awarded to the man in the senior class who by his industry, manliness, and honorable conduct has done most for the life and character of the men of the River Campus—George Allen Nitschelm

The Hall Prize, awarded to the man in the senior class concentrating in English who has done the best work in English studies—

The Charles L. Newton Prize, awarded to the students in the applied sciences who show a special proficiency in that area, either in oral or written examinations or by thesis—John David Downie and James A. Ionata

The Emil Kuichling Prize, awarded to the man in the junior class in mechanics who has shown the greatest proficiency in the work of the course—awarded in 1982—Thomas John Fleming

The William Morse Hastings Prize, awarded each year for the best essay or thesis upon some topic on the history of industry, selected by the Chairman of the Department of Economics and the Dean of the Graduate School of Management—

The Charles Ellis Caldwell Prize, awarded to the man in the senior class who in his college work has shown the greatest proficiency in the Department of English—

The James D. McGill Memorial Prize, awarded to that undergraduate who has shown the greatest interest and demonstrated the highest achievement in the field of political science—Anthony C. Scarfone

The Percy B. Dutton Prize, awarded to the men in the senior class who, in the opinion of the Dean of Students, have exceeded all their men classmates in wholesome, unselfish, and helpful influence among their fellow students—Randi Glenn Wiston and Christopher S. Composto

The Fannie R. Bigelow Award, presented to the undergraduate woman in recognition of the importance of the contributions made by women to cultural, intellectual, and civic life of their communities—Alice Shields Koehn

The Tau Beta Pi Prize, awarded to the senior engineering student, who, through academic achievement, proven leadership and sterling character, has excelled and inspired his fellow students—Michelle Janice Duval

The Russell Mumford Tuttle Prize, awarded to the male student for proficiency in the study of Greek—Joseph Andrew Smith

The Neil C. Arvin Memorial Prize, awarded to the seniors who have excelled in French during their undergraduate course—Margretta Ellen Redmond and Robert Erskine Smith

†Recipients' names that do not appear in the program will be announced at the Diploma Ceremonies.

The E. P. Appelt Memorial Prize, awarded to a student of German for progress toward overall proficiency in spoken and written German—

The Lattimore Prize Scholarship for Geology Field Study, awarded to undergraduates majoring in geology—

The Joseph A. O'Connor Graduate Study Endowment Fund Award, presented to the women in the senior class who have shown marked ability in English literature, in classical languages and literature, or in archeology—Joy Ellen Remuzzi and Nicoletta F. Gullace

The Janet Howell Clark Prize, awarded to the woman in the senior class who has shown the greatest promise in creative work in physics, chemistry, biology, or astronomy, and who has shown outstanding versatility in the mastery of allied fields—Maren Leyla Cooke

The Pearl Sperling Evans Prize in Creative Writing, awarded annually to that undergraduate woman who shall have demonstrated the greatest promise in creative writing—

Dean's Prize in Creative Writing, awarded by the College of Arts and Science annually in the categories of drama, poetry, and the short story—

The Jay F. Birdsall Memorial Fund, awarded to a graduating senior in Political Science who has demonstrated an interest and commitment in practical politics—Adam Gil Segall

The Floyd Griswold Greene and Bessie Denny Greene Memorial Prize, given annually to the students majoring in Economics or in the field of Management whose records and activities reflect those qualities of mind and character which offer the greatest promise of success in the field of law, economics, and accounting and/or finance—Christine Evon Ecklund and Mark Andrew Pitcher

The Irene Bush Steinbock Award, awarded annually to the senior in the College of Arts and Science who has made the most noteworthy contribution to human relations—Denise Kym Williams

The Wendy Jill Fread Prize, to the member of the senior class who, during four years as a student has given the greatest service and shown the greatest concern for fellow students, established in memory of Wendy Jill Fread, Class of 1975—Christine Marie Branche

The Arthur S. Gale Memorial Prize in Mathematics, awarded annually to the student receiving a Bachelor's degree in mathematics, who, in the judgment of the mathematics faculty, has displayed the greatest achievement and promise in the field—Anthony Ragnar Ives

Thomas J. Walter Memorial Prize, to be awarded annually to the senior in the College of Engineering and Applied Science who has shown the greatest creativity or excellence in computer applications or some other phase of computer work—

The Daniel Ward Healy, Jr. Prize, awarded to the senior in the College of Engineering and Applied Science who has demonstrated the greatest interest and potential for a career in Biomedical Engineering—

Babcock and Wilcox Prize, awarded to undergraduate students in the College of Engineering and Applied Science on the basis of a paper or project presented to the Department of Electrical Engineering which the faculty judges to be the most creative of such material submitted—

The Simeon Cheatham Award, given to a student who has shown outstanding qualities in devotion to community service and to the growth and development of children—David William Miller

EASTMAN SCHOOL OF MUSIC

The Eastman School of Music Alumni Scholarship, from funds contributed by alumni of the Eastman School of Music, to be awarded to students on the basis of talent and need—Kristine Fink, James Lyons

The Joseph and Carmella Celentano Memorial Fund, to be used for scholarship support for a needy and gifted string student to offset the cost of tuition—Anna Cholakian

The Carl Lewis Deavenport Scholarship, fund for either vocal or instrumental music instruction for deserving instrumental and vocal students—Donna Mitchell, William Eddins

The Elizabeth Deavenport Scholarship Fund, established in 1972 through a gift from the estate of M. Gertrude Deavenport, to provide scholarship aid to deserving instrumental and vocal students—Bernard Dresel

Warren S. and Margaret Cox Firman Memorial Scholarship, to assist deserving students at the Eastman School of Music—Julie Gigante, Patricia Dash

The Allen Forsyth Scholarship, awarded to University undergraduates with preference given to students who have shown special interest in athletics or musical activities and who demonstrate ability necessary to continue active successful participation in these areas while maintaining satisfactory academic performance—Anna Cholakian, Stacia Cronin, Maria Ogorek

The Harold and Edith Frank Scholarship, to assist students of violin at the Eastman School of Music—Sarah Briggs

Rose A. Lannin Memorial Fund, to be used at the discretion of the school to provide scholarship aid for students of voice—Kenneth Beare, Rebecca Russell

The Presser Foundation Scholarship, a scholarship for students who have demonstrated exceptional merit as musicians—Christa Little

The Emory B. and Laura W. Remington Scholarship, established in memory of Emory Remington and Mrs. Remington by colleagues, former students and relatives for scholarship aid—Michael Davis

Lois Smith Rogers Scholarship, to entering freshmen whose qualifications reflect superior ability and distinguished accomplishments in both musical and academic areas—Sarah Briggs

The Lester and Edith Spencer Prize, to provide financial assistance to a student of violin—Carol Purdy, Charlotte Harrington

Avis H. and David L. Vaughn Scholarship, to assist piano students recommended by the piano faculty of the Eastman School of Music—William Eddins

The William Warfield Scholarship Fund, established by a group of people who deeply admire the famous singer William Warfield, and who wish to make it possible for others to emulate his ideals and achievements—Donna Mitchell

EASTMAN SCHOOL OF MUSIC

Performer's Certificate

Jane Leslie Adler, *in Voice*
Marion Janet Beckenstein, *in Voice*
Barbara Ann Bibbero, *in Clarinet*
H. Joseph Butler, *in Organ*
William Mark Campbell, *in Trumpet*
Anna Lucia Cholakian, *in Violoncello*
Emily Hope Controulis, *in Flute*
Douglas Richard Cook, *in Saxophone*
Sylvia Davis, *in Flute*
Dong Dong Dong, *in Piano*
Renée Lynn Fleming, *in Voice and Opera*
Julie Ann Gigante, *in Violin*
Cynthia Gaye Green, *in Oboe*
Charles Arthur Hansen, *in Bassoon*
Alan J. Harvey, *in Tuba*
Paul Bradley Hunt, *in Trombone*

Diane Yung-Jin Lim, *in Piano*
Julian Lorenzon, *in Viola*
Martha Elizabeth Martin, *in Bassoon*
Thomas Ralph Martin, *in Clarinet*
Rebecca McCord McNutt, *in Piano*
Diane E. Nicholeris, *in Violin*
Christopher Scott Norton, *in Percussion*
Deborah Lynn Nyack, *in Harp*
Susan Blair Reath, *in Flute*
Robynne Leigh Redmon, *in Voice*
Rebecca Byers Russell, *in Voice*
Florence Hilary Schwartz, *in Violin*
Kristin Shiner, *in Percussion*
Paul Matthew Sportelli, *in Piano*
Dawn Marie Taylor, *in Oboe*
Kenneth Nathan Weiner, *in Flute*

SCHOOL OF NURSING

The Louise Wilson Haller Memorial Prize is presented to the nurse completing the graduate program in nursing who exemplifies to the highest degree the spirit of nursing as shown by excellence in patient care and devotion to the best traditions of the profession—Ellen Marie Powers

The Sarah and Ernest Taylor Memorial Nursing Award is established by Mr. and Mrs. Thomas J. Willis, in memory of the parents of Mrs. Dorothy Taylor Willis. Mrs. Willis served as a staff nurse in Nursing Service at Strong Memorial Hospital, and as a faculty member of the University of Rochester School of Nursing from 1968–1977. The award is granted to a student completing graduate study in the Medical-Surgical Nursing Program or in the Adult Family Health Nurse Clinician Program in the School of Nursing as a source of encouragement to continue in a nursing career in an expanded role. It is presented to a student who has shown clinical and theoretical excellence, compassion in patient care, and a commitment to the nursing profession—Veronica Theresa Hychalk

The Elizabeth Clinger Young Award was established by the friends of Mrs. Young, a nurse, in memory of her and to honor her personal qualities of great compassion, courage and concern for others that she maintained throughout a long illness. The award is granted to the student completing graduate study in the Family Health Nurse Clinician Older Track component who most exemplifies those qualities of Mrs. Young that not only endeared her to others but also provided them with a model to follow—Joanne Marie Marren

The Clare Dennison Prize is awarded to a graduating baccalaureate student who has shown the most outstanding proficiency in general nursing care—Sharon Dennler O'Gawa

The Dorothea Lynde Dix Prize is awarded to a graduating baccalaureate student for high scholarship and outstanding skills demonstrated in the basic course of Psychiatric Nursing—Richard W. J. Scheer

The Mary Reding Eckl Award is presented to the graduating baccalaureate student who has demonstrated in clinical practice those qualities of compassion toward patients, professional integrity and sensitivity in human relationships most reminiscent of Mary Reding Eckl—Carol J. Cornwall

The Alumni Association Prize is awarded to a graduating baccalaureate student who has demonstrated outstanding commitment to the University and to the School of Nursing. The Award recognizes the student who has made the greatest contribution to the quality of student life, and to the relationships among students and faculty, both as a spokesman and as a leader—Mary Margaret Relich

My peroration will be much simpler. I ask you merely to confront this question: "What is the purpose of life?"

Many of you no doubt would answer "to be happy." I, for one, find nothing more demeaning than the frantic pursuit of fun. Where was it promised us that life can ever be easy, or free of conflict and frustration, unutterable loneliness and unbearable pain? Those who yearn for the haven of idiot bliss can find it quite easily: in tranquilizers or narcotics or senility.

To me, the purpose of life is not to be happy; it is to matter—to be productive, to be responsible; to be honorable, to be compassionate; to be dedicated to goals higher than the infantile self; to have it make some difference that you lived at all.

For life, so precious, so variable, so honeycombed with richness and delight, contains nothing more rewarding than the process by which—to the fullest measures of which we are capable—we try to stretch the mind and the heart.

—From the remarks of Leo Rosten on receiving the degree Doctor of Humane Letters at the University of Rochester June 3, 1973.

College of Arts and Science

Candidates for the BACHELOR OF ARTS Degree

- Clifford Mitchell Abramsky, *Statistics*
Donna Beth Abramson, *Interdepartmental Studies (Health Care Organization)/Economics*
Linda Accardi, *Biology/Psychology*
Patti Anne Adams, *Mathematics-Statistics*
Peter Aaron Adelman, *Political Science*
Walter M. Aikman, *Geological Sciences*
Scott Henry Ainsworth, *Political Science*
Steven E. Aks, *Biology/Psychology*
Leah Winferd Alberga, *Spanish/Psychology*
Gale Yvonne Alleyne, *Psychology*
Stephen Alperin, *Psychology*
James D. Amborski, *Chemistry*
Gary Michael Andalora, *Economics*
Margaret Andronaco, *Geological Sciences*
Patricia Marie Andrus, *Interdepartmental Studies (Community Health)*
Julie Ann Angelone, *Political Science/English*
Olga Maria Arandia, *History*
Susan Jean Armstrong, *Geological Sciences*
Philip Martin Arnold, *Political Science*
Albert Warren Ash, *Geological Sciences*
David A. Austin, *Art History/Interdepartmental Studies (Film Studies)*
Jill Leslie Bachmann, *Spanish/Political Science*
Kathleen Elizabeth Bagwell, *History*
Douglas Wayne Balcom, *Mathematics*
Michael Stephen Balta, *Economics*
Silvio Balzano, *Biology*
Keith Evan Barany, *Interdepartmental Studies (Cognitive Science)*
David Sherwood Barrick, *Economics/Political Science*
Lorraine Carol Bartell, *Economics*
Katherine Maria Bartfay-Szabo, *Economics*
Ruth L. Baygell, *Political Science*
Dean Keith Beals, *Political Science*
James Bryant Beam, *Mathematics*
David Alan Becker, *Chemistry*
Eric Scott Beckstrom, *Biology*
Lee Adele Beechler, *Psychology*
Karin Ada Beitel, *Religious Studies*
Philip James Bellissimo, *Economics/Political Science*
Jody Carol Benard, *History*
Helene Cheryl Bergerbest, *Economics*
Wendy Ann Berkowitz, *Music*
Jeffrey Allan Berndt, *General Science*
Julie Elizabeth Berndt, *Interdepartmental Studies (Social and Developmental Issues in Gerontology)*
Frank John Bernieri, *Psychology*
Patti Allyson Bernstein, *Music*
Anita Ruth Besdin, *Psychology*
Deborah Lynne Billow, *Economics*
Jonathan A. Blass, *Political Science*
Paul Aaron Blumenstein, *Political Science*
Susan Elaine Bogaczyk, *History*
William Thomas Bongiorno, *Economics*
Oriell Augustus Boothe, *Political Science*
Henry Lawrence Boudon, *Spanish/Political Science*
Michael Thomas Bourque, *Psychology*
Brenda Lee Bove, *Biology*
Carol Ann Brace, *History*
Gary E. Bradhering, *English*
Dana Burr Bradley, *History/Biology*
Nancy Anne Brady, *English*
Dorie Sue Braitman, *English*
Todd Jeffrey Bramhall, *Geological Sciences*
Christine Marie Branche, *Biology*
Eric Scott Brandt, *Religious Studies*
Elizabeth Cheryl Braund, *Statistics*
Paul Jonathan Brenman, *Political Science*
Esther Beth Broadwin, *Political Science*
Peter Steve Broda, *History*
David Mark Bronstein, *Economics*
Sharon Lee Brooks, *Economics/Spanish*
Victor Dominic Brower, *History*
William Francis Buffone, *Biology*
Lee Schuyler Burnley, *English*
Sheila Mary Burns, *Economics*
David S. Burruto, *Economics*
Jeffrey Lind Buxton, *Economics*
Karen Zemanek Byers, *General Science*
Kathryn Ann Byrne, *Anthropology*
Paul Eugene Cain, *Economics*
Kenneth Vincent Cameron, *Psychology*
Joseph Nicholas Cangemi, *Economics*
Michael Glenn Caplan, *Political Science*
Cindy Ann Carman, *Statistics*
Mary Susan Carpenter, *Psychology*
Frederick Carter, *Interdepartmental Studies (Cognitive Science)*
Kevin Joseph Cartmill, *English*
Janine Mary Caruso, *Psychology*
Christopher Berkemann Case, *Political Science*
Gerard George Caswell, *General Science*
Mark David Chase, *General Science*
Robin Jeanne Chase, *Economics*
Katherine Ann Chaurette, *Economics*
Thomas James Chefalo, *Geological Sciences*
Bruce Jared Cheriff, *History*
Aaron Robert Christiana, *English*
Gary A. Christiano, *Political Science*
Nelson John Christiansen, *Psychology*
Karen Marie Christy, *Physics*
Susan Eunice Ciccarelli, *Economics*
Darcy S. Clements, *Psychology*

Pamela Jean Clift, *German/Psychology*
 Julie Leah Cmaylo, *Psychology*
 Mark S. Cofta, *English*
 Betsy Cohen, *English*
 Claire Rose Cohen, *Psychology*
 Margot Jane Cohen, *Psychology*
 Michael Ira Cohen, *Political Science*
 Thomas M. Colati, *Statistics*
 Cheryl Marie Collins, *History/Political Science*
 Timothy James Collins, *Physics*
 Thomas Francis Comer, *Economics*
 Christopher S. Composto, *Psychology*
 Nicholas John Conard, *Chemistry/Anthropology*
 Lorri K. Conklin, *Political Science*
 John Robert Conner, *English*
 Stephen John Connolly, *English*
 George Patrick Conway, *Economics*
 Robert Charles Condaró, *History*
 Kathleen Elizabeth Corey, *Political Science*
 Hayley Cort, *Economics*
 Rosemary Costello, *Psychology*
 Paul Thomas Coughlin, *History*
 Elizabeth K. Cowan, *Economics*
 Gregory Lewis Craig, *Political Science/Economics*
 Andrew James Crouthamel, *Political Science*
 James David Crutchfield, *English*
 Mary Ellen Curtin, *English/History*
 Paula Susan Cutter, *Economics*
 Jeanette Lee Dabinett, *Biology*
 Christopher Michael Daley, *Statistics*
 Joseph John Dallessio, *Psychology*
 Steven George Damelio, *Biology*
 Lisa Amy Damico, *Psychology*
 Ellen Susan Danto, *Biology/English*
 Thomas Patrick Darby, *English*
 Donald Degolyer, *Political Science*
 Brendan Edward Delay, *English*
 Ann Josephine Demeo, *Political Science/
 Psychology*
 Paul Winfield Denson, *Sociology*
 Susan Marie Deschenes, *Economics*
 Mark Thomas Desposito, *Interdepartmental
 Studies (Psychosocial Health Studies)*
 Philip John Dettore, *General Science*
 Bruce John Dewitt, *History*
 Carol Arlene Dion, *Biology*
 Kelly Ann Dolan, *Psychology*
 John K. Donovan, *History*
 Michael Timothy Downs, *Economics*
 Scott David Dreiker, *Biology*
 Matthew Ira Dubeau, *English*
 Carolyn Elizabeth Duff, *French*
 Mary Patricia Dugan, *Economics*
 Dean Emery Easton, *Linguistics/English*
 Christine Evon Ecklund, *Economics*
 Sheryl Marie Ehrmentraut, *Interdepartmental
 Studies (Child, Health and Society)*
 Barbara Ann Ekelund, *Philosophy*
 Gregory John Elberfeld, *Biology/Psychology*
 Stephanie A. Elkin, *Economics*
 Ivy Rae Ellenberg, *Economics*
 Richard Eller, *Political Science*
 Shari Beth Elliott, *English*
 Joyce Marie Ellis, *Psychology*
 Lori A. Elter, *Psychology*
 Linda Susan Epstein, *Economics*
 Ann Louise Erickson, *Psychology*
 Steven Michael Esposito, *Political Science*
 James M. Estes, *Biology*
 Steve Yung-Chieh Fan, *Psychology*
 Raymond Charles Fantone, *History*
 Leslie Shirin Farhangi, *History/Political Science*
 Deirdre Ann Farrington, *French*
 Craig Alan Fay, *Political Science/History*
 Lauren Sue Feldman, *Psychology*
 Donna J. Femiano, *English*
 Daniel Woodall Filer, *History*
 Gail L. Fine, *English*
 Bonnie Nancy Finkenthal, *English/Philosophy*
 Edward James Fischer, *Economics*
 Valery Louise Fischer, *Psychology*
 Thomas Michael Fitzgerald, *Biology/Economics*
 Denise Marie Flanigen, *Mathematics*
 Stephen Joseph Flannery, *Biology*
 Eric Richard Fliegel, *Interdepartmental Studies
 (Computer Assisted Approaches to Economic
 Problems)*
 Jacqueline Robin Flinker, *Psychology/
 Anthropology*
 Sally Jane Forman, *Political Science*
 Stephen Anthony Fornarola, *Economics*
 Audrey Jane Forner, *Political Science*
 Laurie Anne Fox, *Psychology*
 Michael Mark Fox, *Mathematics*
 Jeffrey Lynn Frank, *Philosophy*
 Darrell John Frantz, *History*
 Margaret Teresa Frazier, *Biology*
 Frymet Sarah Fremson, *Psychology*
 Maryann Fuhrmann, *Sociology*
 Robert G. Gallasch, *History*
 Maria Delpilar Garcia, *Interdepartmental Studies
 (Computational Linguistics)/Psychology*
 Jared Stephen Garelick, *English*
 Michael John Gedzelman, *Economics*
 Steven R. Gerlach, *Psychology*
 Rena C. Gewirtzman, *Psychology/Anthropology*
 Quintin Eric Gibbs, *Political Science*
 Ravinder Paul Gill, *Economics*
 Andrea Jane Girard, *Economics*
 Cheryl Anne Gleason, *Psychology*
 Branden Lewis Goetz, *Political Science*
 Kenneth Norman Gold, *Psychology*
 Ronald Steven Goldman, *History*
 Michael Howard Goodstein, *Biology*
 Kent Stanwood Gordon, *Chemistry*
 Nina Rochelle Goss, *English*
 Nancy S. Grab, *Psychology*
 John Steven Grammatikos, *Political Science*
 Pamela Anne Graunke, *English*
 Constance Marie Graver, *Linguistics*

Jennifer Leigh Graves, *Political Science/Economics*
 Ellen Sue Greenberg, *English*
 Stephen Richard Greenberg, *Economics*
 Benjamin J. Greenstein, *Geological Sciences/Interdepartmental Studies (Film Studies)*
 Jeffrey Ira Grossman, *Interdepartmental Studies (Cognitive Science)*
 Michael Buscher Groves, *History*
 Jeffrey Daniel Gruber, *Interdepartmental Studies (U.S. Health System)*
 Eric Robert Guilfoos, *Biology*
 Judith C. Guilmette, *Biology*
 Nicoletta F. Gullace, *English/History*
 Richard Joseph Gwara, *History*
 Loryn Paula Haber, *English*
 Richard Paul Hager, *Economics*
 Howard Bart Halpern, *Political Science/Psychology*
 Steven Warren Hammond, *Mathematics*
 Richard Brian Handler, *Economics*
 Peggy-Jean Harari, *Political Science/French*
 Leslie C. Harf, *Psychology*
 John Scott Hargis, *English/History*
 Stephanie Harrison, *English*
 Jean Louise Hartzler, *Philosophy/Psychology*
 Jean Margaret Hastie, *Statistics*
 Brenda Michelle Hawkins, *Psychology*
 Susanne C. Hayden, *Economics*
 Matthew Sands Hefferman, *Mathematics*
 Elizabeth Rose Hekimian, *Psychology*
 Mary Catherine Henderson, *Psychology*
 Loretta Jean Henle, *Psychology*
 John Frank Henzes III, *Biology*
 Neil Edward Herendeen, *Biology/Psychology*
 Kenneth William Herlihy, *Biology*
 Nathaniel Scott Herron, *Political Science*
 Deborah Jean Hicks, *English/Psychology*
 Joseph J. Hinchliffe, *Political Science*
 David Walter Hirschler, *Political Science*
 Tracy Ann Hoffman, *Economics*
 Steven Roy Hollander, *Biology*
 Kathleen Denise Holt, *Psychology*
 Lindsay Ann Hood, *Geological Sciences*
 Mariann Susan Howard, *Sociology*
 Julie Lorraine Howe, *Psychology*
 Lisa Naomi Hoyer, *Mathematics*
 Michael Frederick Hudes, *Political Science*
 Patricia Lynn Huelsman, *Political Science/History*
 Laura Margaret Hughes, *Geological Sciences*
 David Kichul Huh, *Psychology*
 Joshua Ben Hurwitz, *Psychology*
 Tina Michelle Hurwitz, *Psychology*
 Laura Jane Hyde, *Political Science*
 Yuko Ikeda, *German*
 Charles James Ildardi, *Interdepartmental Studies (Film Studies)*
 Anthony Ragnar Ives, *Biology/Mathematics*
 Wendy Beth Jackelow, *Biology*
 Sharon Jane Jaffess, *Geological Sciences*
 Susan L. Jenkins, *Biology*
 Elizabeth A. Jennison, *Chemistry*
 Mark David Johnson, *Political Science/History*
 Susan Frances Jones, *English*
 Lisa Frances Jurecic, *Psychology*
 Jocelyn Kalajian, *Music*
 Joyce Paula Kalastein, *Economics*
 Robert Carl Kallman, *Political Science*
 Andrew William Kandel, *Geological Sciences*
 Illyse Ruth Kaplan, *Political Science/Philosophy*
 Micheleen C. Karnacewicz, *Physics/English*
 Richard D. Keil, *English*
 Messina Louise Kelly, *Economics*
 James Patrick Kiely, *Economics*
 Maryann Sarah King, *Statistics*
 Diane Lori Kleiman, *History*
 Adam Ross Klein, *Economics/Political Science*
 George Charles Klos, *Biology*
 Alice Shields Koehn, *History*
 Geoffrey Enright Koehn, *History*
 Laura Robin Kokot, *Psychology*
 Marty Kossoff, *Geological Sciences*
 Christopher Kevin Kramarczyk, *Biology*
 Jeffrey Mark Kranis, *Geological Sciences*
 Susan Starr Krasner, *Psychology/Biology*
 Frances Susan Krauss, *Psychology*
 Kevin Gunter Kronenberger, *Economics*
 Beverly Ann Kuhn, *Economics*
 Peter John Laforte, *Statistics*
 Gayle Beth Lakin, *History/Women's Studies*
 Evans Yat-Sing Lam, *Economics*
 Glenn Alan Lamb, *Sociology/Interdepartmental Studies (Natural Resource Management)*
 Bruce Alan Lampert, *Political Science*
 Cheryl Lynn Langlois, *Philosophy*
 Steven Joseph Lapin, *Psychology*
 Mary Elizabeth Lathan, *Economics*
 Laura Jean Lauck, *Psychology*
 Susan Joan Lauffer, *Psychology*
 Grace A. Lazzara, *English*
 Daniel Joseph Leary, *Economics*
 Martha Elizabeth Leatherman, *English*
 Kevin Louis Lecocq, *Economics/Political Science*
 Donna Gay Lee, *Economics*
 Elizabeth Anna Lee, *Interdepartmental Studies (Biochemistry)*
 Fania Leiderman, *English/Biology*
 Joseph Jonathon Lemchak, *Economics*
 Gary Alan Lenhoff, *Economics*
 Derek L. Lenhoff, *Spanish*
 Chrystal Ann Leroy, *Economics/Political Science*
 David Brooks Lewy, *Interdepartmental Studies (Cognitive Science)*
 Carolyn Sue Lichtig, *Philosophy*
 Craig Knight Lisk, *Political Science/Statistics*
 Judith Frances Loeb, *History*
 Lila Amalia Lombardo, *Economics*
 Patricia Ann Long, *English*
 Angela Kay Lowder, *Interdepartmental Studies (Community Health)*

- Richard Alan Loznyi, *Economics*
 Craig Alan Lucker, *Economics*
 Jay F. Lynch, *Geological Sciences*
 Marcia Ann MacDonald, *Geological Sciences*
 Karen Beth Mack, *Political Science*
 Patricia Ann Mackey, *Geological Sciences*
 Lisa Ann MacPherson, *Interdepartmental Studies*
 (*Conceptual Foundations of Modern Medicine*)/
Biology
 Scott Joseph Maguire, *Economics*
 L. Neil Mairs, *Economics*
 Dean Anthony Mann, *Interdepartmental Studies*
 (*Film Studies*)
 Eric Scott Mann, *Biology*
 Kathleen Elizabeth Manning, *Psychology*
 Craig Harlan Marcus, *English*
 Michele Robin Marder, *Psychology*
 Susan Margolis, *History/Political Science*
 Norbert Ralph Markert, *Economics*
 David Allan Marsh, *Political Science/History*
 Ralph Martens, *Political Science/Economics*
 Anthony Nicholas Martonosi, *Political Science*
 Stephen Charles Matchett, *English*
 Victoria Matranga, *Political Science*
 Tanya Mayadas, *Biology*
 Eileen Adelle McArdle, *English*
 Patricia Ann McCaffrey, *English/Spanish*
 Katharine Wagner Bradford McDuffie,
History/Philosophy
 Heather Louise McGuire, *Biology*
 John Brenden McKeegan, Jr., *English*
 Nedelka Olivia McLean, *History*
 Michael B. McShea, *History*
 Derek Carl McSween, *English*
 Anna May Meade, *Economics*
 Gerardine Jacqueline Meerman, *Psychology*
 James Joseph Menard, *Mathematics*
 Anthony Joseph Mendicino, *Biology*
 Sarah Mercier, *Political Science*
 Stacey Miriam Merkin, *Psychology*
 Joseph Charles Mester, *Biology*
 David J. Meyer, *Economics*
 Nathan B. Michaels, *Biology*
 Alan Richard Michelson, *Art History/Political*
Science
 James Jay Middleton, *English*
 Marcus Charles Migliore, *Political Science/*
English
 James Scott Millen, *Psychology*
 David William Miller, *Psychology*
 Todd Jeffrey Minken, *Sociology*
 Sara Marie Misch, *Psychology/French*
 Steven David Mizerak, *General Science/*
Economics
 Steven Jerold Mooney, *Statistics*
 Christopher Alan Moore, *Economics*
 Jean Elizabeth Moran, *Physics*
 Kenneth R. Morrison, *General Science*
 James Atterbury Mortimer, *Biology/Psychology*
 Daniel E. Mueller, *Economics*
 Jeffrey John Mueller, *General Science*
 Stewart Randolph Mueller, *Psychology*
 Kwok Lai Mui, *Economics*
 Hernan Edmundo Mujica, *Economics*
 Siobhan Marie Mullen, *Physics*
 James Joseph Murphy, *Economics*
 Mark Donnal Myers, *Biology*
 Philip Louis Narotzky, *Biology*
 George Nassis, *Biology*
 Lawrence V. Nau, *Biology/Anthropology*
 Wayne George Nelson, *Economics*
 Audrey Isabel Neuhaus, *Anthropology*
 George Allen Nitschelm, *English*
 Pamela Susan Noack, *Psychology/*
Interdepartmental Studies (Issues in Community
Health)
 H. Scott Norris, *English*
 Nadereh Nouhi, *Economics*
 Michael J. Oates, *Economics*
 Irene Elizabeth O'Bryan, *Mathematics*
 Sharon Ann O'Connor, *Economics*
 Mark Andrew O'Halloran, *Political Science/*
Economics
 Denise Keiko Okita, *Psychology*
 Barbara Anne Olesko, *Biology*
 Thomas Joseph O'Neill, *Economics/Psychology*
 Bonnie Linda Orzech, *Biology/Psychology*
 Beth Sharon Pacun, *Political Science/Economics*
 Joyce Marie Paglia, *Interdepartmental Studies*
 (*Economic Principles of Health Care*)
 Maria Elizabeth Palescandolo, *Economics*
 Dominick Ralph Palma, *Psychology*
 Deborah Lynn Paone, *Interdepartmental Studies*
 (*Gerontological Issues in Community Health*)/
English
 Frank Joseph Pappotto, *Psychology*
 Andrew Alan Papp, *Interdepartmental Studies*
 (*Molecular Genetics and Computer Science*)
 Mary Carol Parise, *Psychology*
 Pamela J. Parker, *Economics*
 Martha Catherine Parry, *English*
 Gerald Joseph Patterson, *History*
 David Scott Peckham, *Music*
 Jennifer Bettine Pekale, *Philosophy*
 Karen Sue Pemstein, *Psychology*
 Louisa Panagiota Perimenis, *Anthropology*
 Dale Ellery Perrett, *Economics*
 Michael Alan Peterson, *Mathematics*
 Vincent Thomas Pettrone, Jr., *Economics*
 Jonathan Harris Peyser, *English*
 Charles Augustus Pfeffer IV, *Economics*
 Nancy Lyn Phillips, *Interdepartmental Studies*
 (*Economics of Health Care*)
 Jerry Anthony Piccione, *Biology*
 Mark Andrew Pitcher, *Economics/Biology*
 Mark Howard Poskanzer, *Statistics*
 David Edward Potrubacz, *Mathematics*
 Nicholas Salvatore Priore, *Political Science*
 Gretchen M. Protzman, *Geological Sciences*
 Tara Purohit, *Economics*
 Cathy Lynn Raab, *English*

Michael John Raimondo, *Political Science*
 Jayne Kathryn Rand, *Philosophy*
 Matthew Jordan Ravosa, *Interdepartmental Studies (Paleoanthropology)*
 Ana Cristina Read, *Spanish/Psychology*
 Sharilyn Rediess, *Psychology*
 Donna Jean Redmond, *English*
 Margretta Ellen Redmond, *French*
 Wende Ruth Reenstra, *Economics/Interdepartmental Studies (Organization of Health Care)*
 Ellen Nadine Reich, *Spanish*
 James Walter Reid, *Mathematics*
 Joy Ellen Remuzzi, *English*
 Madeleine Elizabeth Ret, *Statistics/Economics*
 David James Rhodes, *Economics*
 Marian Jean Richart, *Economics*
 Peter Andrew Ridall, *History*
 Susan M. Riedl, *Psychology*
 William Patrick Ring, *Religious Studies*
 Gerard John Rinkus, *Interdepartmental Studies (Cognitive Science)*
 Suzanne K. Ritter, *Psychology*
 Daniel Joseph Roach, *Economics*
 Shepherd Roberts, *Psychology/Philosophy*
 Denise Renee Robinson, *Psychology/Interdepartmental Studies (Community Health)*
 Nancy Sue Robinson, *Psychology*
 David Maxwell Rodgers, *Economics/Political Science*
 Mark Ryerson Rodgers, *Economics*
 Richard Alan Rogachefsky, *Biology*
 F. Bruce Rohrs, *Psychology*
 Daniel Michael Romano, *History*
 Susan Ruth Rosen, *English/History*
 Paul William Rosenbaum, *Political Science*
 William Alan Rosenthal, *Psychology*
 Anthony George Rossi, *Economics*
 Douglas M. Roth, *Biology*
 Lorraine Jean Russ, *Psychology*
 Christopher William Ryan, *Biology*
 Allison Kay Ryder, *Economics*
 Frances Hyun-Mi Ryu, *Economics/Psychology*
 Mariko Sakita, *Political Science*
 Bernard L. Salamone, *Economics*
 Peter Nicholas Samios, *Economics*
 Louis Edward Samuels, *Anthropology/Biology*
 James C. Sanborn, *Mathematics*
 Angelo David Sanfilippo, *Biology*
 Jennifer Mary Sanford, *Economics*
 Linda Yvette Santiago, *Psychology*
 Grace M. Sbiroli, *Psychology/Spanish*
 Anthony C. Scarfone, *Political Science*
 Katherine Elizabeth Scarlott, *English*
 Edward Laurence Scharf, *Mathematics*
 John Krist Schell, *Philosophy*
 Terry Miriam Schilke, *Mathematics*
 Judith Leah Schneider, *Psychology*
 Anne Elizabeth Schwartz, *English*
 Jill Loryn Segal, *Economics*
 Adam Gil Segal, *History/Political Science*
 Debra Ann Segura, *English*
 Michele Seltzer, *Political Science*
 Robert James Seminara, *Political Science/History*
 Scot Whitney Semisch, *English/History*
 Patricia Ann Semmel, *Interdepartmental Studies (Community Health)*
 Daniel Lee Settles, *Interdepartmental Studies (Health Policy)*
 Kathleen Sue Shafer, *English*
 Hope Meryl Shapiro, *Psychology*
 Kevin Donald Sharkey, *Statistics*
 Martha Joan Sheard, *Mathematics*
 Geoffrey Bruce Shipman, *Interdepartmental Studies (Health and Society)*
 Benjamin K. Siders, *History*
 Evangelos Demetriou Sidou, *Political Science/History*
 Joan Esther Siegel, *Psychology*
 John Quentin Sillari, *English*
 Steven James Silverman, *Political Science*
 David Andrew Simon, *Biology*
 Lesley Ellen Simon, *Political Science*
 Carla Ann Smith, *Political Science*
 Cheryl Ann Smith, *Psychology/English*
 Joseph Andrew Smith, *English*
 Robert Erskine Smith, *French/Psychology*
 Sharon Lee Smith, *Psychology*
 Douglas C. Snyder, *English*
 Beth Mae Solomon, *Psychology*
 Keith Lewis Sommers, *Biology*
 William Charles Sondericker, *Economics*
 Scott Bruce Spiegel, *Economics*
 Katherine J. Spohn, *Philosophy*
 Heather Marie Spradlin, *Psychology*
 Susan Lynn Spraragen, *Statistics*
 Donald Robert Spratt, *Economics*
 David Paul Squires, *Anthropology*
 Carol Ann Stackpole, *Political Science*
 Cynthia Lynne Stahl, *Mathematics*
 Dudley Scott Stark, *Mathematics*
 Kathleen Walker Staszak, *History*
 Robert S. Staudenmaier, *Physics*
 Alison Tanner Stauffer, *English*
 Barbara Jane Stedje, *Psychology*
 Karen R. Stein, *Biology*
 Michael James Stengel, *Economics*
 Karen Rebekah Stern, *Psychology*
 Ronald Howard Stern, *Psychology*
 Mark Lindsay Stevens, *Interdepartmental Studies (Cognitive Science)*
 Jeffrey Wayne Stier, *English*
 Gary Lee Stockman, *English*
 Carolyn Denise Stokes, *Psychology*
 Edward Stolbof, *Economics*
 Sylvia Styliades, *Psychology*
 Meryl Tracy Sugar, *Interdepartmental Studies (Law and Society)*
 Sean C. Sullivan, *Political Science*
 Susan Ann Surasky, *History*
 John Gordon Swanson, *Religious Studies*

Robert J. Swartout, *Economics*
 Paul Christian Swenson, *Political Science*
 Paul David Sylvestri, *Philosophy*
 Michael Shu-Shin Sze, *Biology*
 Steven Wayne Szydowski, *Economics*
 James David Takacs, *English/Political Science*
 Helen Midori Takeuchi, *Psychology*
 Noreen M. Tama, *Political Science/Spanish*
 Lori Ann Tannenbaum, *Political Science*
 Charles Henry Taylor, *Biology/Statistics*
 Keith Warren Taylor, *History*
 Avadis Tevanian, Jr., *Mathematics*
 Robert Killian Thompson, Jr., *Biology*
 Eileen Marie Tibbetts, *Chemistry*
 Daniel Ellsworth Timberman, *Political Science*
 Michael David Tinney, *Economics*
 Patricia Ann Tisdall, *Religious Studies*
 Frank Leo Tomaka, *Biology*
 Jeanette Marie Torrens, *History*
 Elizabeth Anne Tourtellotte, *English*
 Susan Erin Trachtenberg, *Psychology*
 Vincent Benedict Tritto, *English/Political Science*
 Ann Masae Tsuji, *Psychology/English*
 John Frederick Turner, *General Science*
 Jacqueline Turnipseed, *Political Science*
 Angelo Basil Tzankis, *Philosophy*
 Bethlem Basil Tzankis, *Religious Studies*
 Margaret Louise Uyeno, *Political Science*
 Lisa Ann Vahdat, *Political Science*
 Alicia Valenzuela, *History*
 William Nicolaas Vandervorm, *Mathematics*
 Margaret Elizabeth Vandijk, *History*
 Jan-Pieter Vandorn, *Economics*
 Marjorie Ann Vandow, *Political Science*
 Thomas Ralph Vanthof, *Sociology/Psychology*
 Rose Marie Vega, *Spanish*
 John Anthony Verderame, *Economics*
 Regis Maria Visco, *Statistics*
 Susan Lee Volin, *English*
 Laurence Howard Wadler, *Political Science*
 Doreen Marie Walag, *Biology*
 Thomas Christopher Wall, *Geological Sciences*
 Robert Joseph Wallerstein, *Anthropology*
 Sarah Anne Walters, *Psychology*
 Barbara E. Weber, *Biology*

Denise L. Weber, *Psychology*
 Terry Lynn Weber, *Mathematics*
 Jude Christine Webster, *Psychology*
 Michael Scott Weiermiller, *History*
 Ami Lisa Weil, *Psychology*
 Erica Susan Weiniger, *Biology*
 Scott Michael Weinfeld, *History*
 Ellen Mindy Weinraub, *Psychology/English*
 Ilene Weinstein, *History/Political Science*
 Robert Jay Weisbard, *Political Science*
 Jeanette Weiss, *Psychology*
 Erich Peter Wendt, *History*
 Ove Bengt Westerheim, *Economics*
 Elizabeth Wexler, *Psychology*
 Laura Anne Whalen, *English*
 Jay Wheeler, *Economics/History*
 Donna M. White, *General Science*
 Randall Baker Whitestone, *History/English*
 Jeanne Lawrence Wighton, *English/History*
 Thomas Edward Wilber, *English*
 Deirdre Jean Williams, *Psychology*
 Denise Kym Williams, *Interdepartmental Studies (Demography and Community Health)*
 Susan Anne Wilson, *Biology*
 Carole Ann Winkler, *Mathematics*
 Robbins Fred Winslow, *Political Science*
 Randi Glenn Wiston, *Interdepartmental Studies (Social Dimensions of Health)*
 Paul M. Wlodarczyk, *Psychology*
 Rochelle Faye Wolf, *Sociology/Psychology*
 Jeanne Anita Wolpin, *History*
 Gretchen Marie Woodberry, *Mathematics*
 Mark Joseph Woodruff, *Geological Sciences*
 Stephen Harding Wright, *Philosophy*
 Pamela Ann Wrona, *Mathematics*
 Erica Fran Yellin, *Mathematics*
 Yoram Yossefy, *Biology*
 Rona Alyse Young, *Statistics*
 Christine Elizabeth Zalewski, *Psychology*
 Rosemarie Zaloum, *French/Biology*
 Stephen Michael Zide, *Economics*
 Andrew J. Zimmerman, *Economics*
 Harry Zipkin, *Psychology*
 Gregory Scott Zola, *Economics/Political Science*
 Jonathan Sy Zukosky, *Political Science/English*

Candidates for the BACHELOR OF SCIENCE Degree

Laura Margaret Aggson-Fejer, *Microbiology*
 Dhruv Agneshwar, *Neuroscience*
 Joy Debra Applebaum, *Microbiology*
 Herbert Arturo Avila, *Biological Sciences: Biochemistry*
 John Patrick Baron, *Neuroscience*
 David J. Berlove, *Biological Sciences: Neuroscience*
 Scott Andrew Bigley, *Biology-Geology*
 Erich Ernst Blatter, *Biological Sciences: Biochemistry*

Jeffrey Pearce Bond, *Biological Sciences: Biochemistry*
 Richard Walter Bork, *Biological Sciences: Biochemistry*
 Justinus Bulhof, *Neuroscience*
 Barbara Jean Burger, *Chemistry*
 Erin K. Byrne, *Chemistry*
 Kathryn Ann Byrne, *Neuroscience*
 Patricia Jane Cappione, *Microbiology*
 Maren Leyla Cooke, *Physics and Astronomy*

Kevin Wayne Cox, *Neuroscience*
 Cary Thomas Croot, *Biology-Geology*
 Curtis Lance DeGasperi, *Biology-Geology*
 Mark Thomas Desposito, *Neuroscience*
 Theresa Maria Dimitsooulos, *Biological Sciences: Molecular Genetics*
 Gregory Allan Dokus, *Biology-Geology*
 Dennis Raymond Dumais, *Biological Sciences: Molecular Genetics*
 Elizabeth Helen Dutton, *Biology-Geology*
 James Paul Eichelberger, *Biological Sciences: Biochemistry*
 Mark I. Ellen, *Biology-Geology*
 Ross Eric Elliott, *Biology-Geology*
 James David Fackenthal, *Biology-Geology*
 Anne E. Farewell, *Biological Sciences: Molecular Genetics*
 Michael S. Ferritto, *Chemistry*
 Gary Jay Fishbein, *Biological Sciences: Biochemistry*
 Robert Louis Foggio, *Chemistry*
 Andrew Francis Fronczek III, *Neuroscience*
 Salvatore Albert Greco, *Neuroscience*
 Daniel J. Harkavy, *Biological Sciences: Biochemistry*
 Thomas L. Hayward, *Physics and Astronomy*
 Lee Ann Heman, *Biological Sciences: Biochemistry*
 Susan Ann Higgins, *Biological Sciences: Biochemistry*
 David Paul Hill, *Biological Sciences: Molecular Genetics*
 Howard Craig Hoffman, *Neuroscience*
 Daniel John Humiston, *Microbiology*
 Mitchell Charles Kaplan, *Neuroscience*
 Steven John Kasper, *Biological Sciences: Biochemistry*
 Michael G. Kerr, *Physics and Astronomy*
 James Stephen Killius, *Physics*
 Robert V. Kowalewski, *Physics*
 Mary Frances Kritzer, *Biological Sciences: Neuroscience*
 Robert M. Kuse, *Neuroscience*
 Matthew Thomas Lang, *Chemistry*
 Jane Marie Ledwin, *Biology-Geology*
 Donna Marie Leippe, *Biological Sciences: Biochemistry*
 Bret William Leslie, *Geological Sciences*
 Laura Sue Levine, *Biological Sciences: Molecular Genetics*
 Steven William Levison, *Neuroscience*
 Eric Piatt Lodge, *Chemistry*
 Gregory John Malanoski, *Microbiology*
 Craig Harlan Marcus, *Biological Sciences: Biochemistry*
 Susan Dee Matkoski, *Biology-Geology*
 John Christian McLenithan, *Microbiology*
 Muriel Diane Metcalf, *Biology-Geology*
 April Michel, *Physics and Astronomy*
 Todd Jeffrey Minken, *Microbiology*
 Deborah A. Mistretta, *Microbiology*
 Michael Thomas Mooney, *Chemistry*
 Jean Elizabeth Moran, *Geological Sciences*
 Vincent Michael Moran, *Physics*
 Clarissa Mary Mosher, *Biological Sciences: Neuroscience*
 Laura Ann Mossell, *Microbiology*
 Michael Thomas Murtha, *Biological Sciences: Molecular Genetics*
 David Alexander Neumeier, *Microbiology*
 Tracey Lynne Newton, *Biology-Geology*
 John Daniel Ng, *Biological Sciences: Neuroscience*
 Michael Scott Niemann, *Geological Sciences*
 James John Nocton, *Biological Sciences: Neuroscience*
 Erik Paul Peterson, *Neuroscience*
 David Dickey Pierce, *Physics*
 Elizabeth Marie Quinlan, *Biological Sciences: Biochemistry*
 Ellen Nadine Reich, *Microbiology*
 Jeffrey Parker Renelt, *Neuroscience*
 Michael Anthony Renna, *Biology-Geology*
 Suzanne Dawn Ritter, *Biology-Geology*
 Kathleen Lynn Roberts, *Neuroscience*
 Brian Robert Rohrs, *Chemistry*
 Mark Francis Rondinaro, *Physics*
 Barry Ira Rosenblum, *Biological Sciences: Biochemistry*
 Debra Joyce Rossi, *Biological Sciences: Biochemistry*
 Constantine Andreas Serkes, *Biological Sciences: Biochemistry*
 Debora Eileen Serth, *Biological Sciences: Biochemistry*
 Elizabeth D. Siciliano, *Physics and Astronomy*
 Robert Joseph Smith, *Biological Sciences: Neuroscience*
 Clifford Bernardo Soultz, *Neuroscience*
 Dudley Scott Stark, *Physics*
 Jeffrey Wayne Stier, *Biological Sciences: Neuroscience*
 Glenn Charles Sturge, *Biological Sciences: Biochemistry*
 Ray Tsao Dah Teng, *Geological Sciences*
 John Peter Vicaretti, *Microbiology*
 Gregory Voci III, *Microbiology*
 Gregory A. Voit, *Biological Sciences: Biochemistry*
 Robert Joseph Wallerstein, *Microbiology*
 Alan David Welty, *Physics and Astronomy*
 Joseph A. Whitman, *Biological Sciences: Biochemistry*
 Michael Charles Wiener, *Physics*
 Julie Yun Wu, *Biology-Geology*
 Stephen Chin-Ung Yu, *Neuroscience*
 Laura Jane Zacchigna, *Biological Sciences: Biochemistry*
 Miriam Sarah Zicht, *Biological Sciences: Neuroscience*
 Michael E. Zucker, *Physics*

Candidates for the MASTER OF ARTS Degree

- Shagil Ahmed, *Economics*
 Everett Helmut Akam, *History*
 John David Andersen, *Physics*
 David Alan Aschauer, *Economics*
 (February 4, 1983)
 Linda M. Austin, *English* (February 4, 1983)
 Steve Conrad Behrends, *Physics*
 John Christ Bird, *English* (February 4, 1983)
 David Michael Bousha, *Psychology*
 (September 17, 1982)
 Barry Edward Brown, *Philosophy*
 (September 17, 1982)
 William J. Canfield, *Statistics*
 Eric Carleen, *Statistics*
 Hsiu-Cheng Chen, *Physics*
 Donald Hall Chew, *English* (February 4, 1983)
 Henry Chou, *Physics*
 William Roland Christian, *Physics*
 Isaias Coelho, *Economics*
 Gulnar Bandukwalla Cole, *Physics*
 Hilary Watt Coons, *Psychology*
 Jonathan Putnam Cowles, *Mathematics*
 Robert J. Deri, *Physics* (February 4, 1983)
 William Edward DeSoi, *Physics*
 Deborah Roof Dodd, *French*
 David Leo Driscoll, *Economics*
 (February 4, 1983)
 David H. Dunlap, *Physics*
 Fern F. Eilbott, *Foreign Literatures*
 (September 17, 1982)
 Daniel Samuel Franchi, *Physics*
 Arthur Q. Frank, *Political Science*
 Christine Wille Garrison, *English*
 (February 4, 1983)
 Robert Thomas Gayvert, *Mathematics*
 Rupamanjari Ghosh, *Physics*
 Patsy Griffin, *English* (February 4, 1983)
 Harry Richard Grzelewski, *English*
 (February 4, 1983)
 Erast Haftkowycz, *Philosophy*
 (September 17, 1982)
 Joseph Gerard Haubrich, *Economics*
 Joseph Clarence Heining, *English*
 Nilda Teresa Hernandez, *Psychology*
 Richard Paul Horvath, *English*
 (September 17, 1982)
 Melinda Hungerford, *Statistics*
 Heidi Elizabeth Hutton, *Psychology*
 James Reid Irwin, *Economics*
 Grace E. Iusi, *Political Science*
 (February 4, 1983)
 Sadao Kanaya, *Economics*
 Brenda M. Keegan, *English* (February 4, 1983)
 Mollie H. Keys, *Spanish* (September 17, 1982)
 George D. Kollia, *Statistics*
 Robert Jonathan Kornberg, *Physics*
 (September 17, 1982)
 Jaeouk Lee, *Economics* (September 17, 1982)
 Jack Li, *Statistics*
 Prakashi Naraindas Loungani, *Economics*
 Arthur S. Lowry, *Anthropology*
 (September 17, 1982)
 David MacGregor, *History*
 Gangaji Maguluri, *Statistics*
 Mary Ann Maier, *Mathematics*
 Jose Maluf, *Physics*
 Vera P. McFadden, *English*
 Brian James O'Sullivan, *Economics*
 (September 17, 1982)
 Jeffrey Pines, *History*
 Craig K. Ray, *Statistics*
 Margaret E. Raymond, *Political Science*
 Warren Franklin Rogers, *Physics*
 Parama Roy, *English* (February 4, 1983)
 Chaipat Sahasakul, *Economics*
 Louis J. Sakovits, *Psychology*
 (September 17, 1982)
 Gabriela R. Sanchis, *Mathematics*
 Prakash Chandra Sarangi, *Political Science*
 James Vincent Saturno, *History*
 Gosford Akilagpa Sawyerr, *Statistics*
 Georgette Schmidt, *French*
 John Charles Schweyen, *Mathematics*
 Inna Shamos, *Psychology* (February 4, 1983)
 Robert Marc Shapiro, *Psychology*
 (September 17, 1982)
 Cynthia A. Sherwood, *English*
 Rahul Sinha, *Physics*
 Dennis Martin Smith, *Statistics*
 Nancy Hilda Spiegel, *Psychology*
 (February 4, 1983)
 Hans Spross, *History*
 David Howard Steigerwald, *History*
 Jaime Strauss, *Psychology* (February 4, 1983)
 Lee Francis Strong, *English* (February 4, 1983)
 Paul L. Tipton, *Physics*
 Paul Anderson Toro, *Psychology*
 (September 17, 1982)
 Bharat Trehan, *Economics*
 (September 17, 1982)
 George P. Tsironis, *Physics*
 Charles Edward Wendell, *Physics*
 Seung Jin Whang, *Statistics*
 Tsong-Min Wu, *Economics*
 Xu Wu, *Physics*
 Richard Yakimo, *Psychology* (February 4, 1983)
 Kenneth Eishi Yasuda, *Economics*
 (February 4, 1983)
 Gyo Seob Yi, *Economics*
 Jin-Sung Yoo, *Mathematics*
 John Peter Zambuto, *History*
 Vassilis Zarifis, *Physics*

Candidates for the MASTER OF SCIENCE Degree

- Alan Dale Adams, *Chemistry*
Thomas Richard Alessi, *Chemistry*
(September 17, 1982)
John Alloimonos, *Computer Science*
Andrea Kerstin Baier, *Political Science (Public Policy Analysis)*
Sumit Bandyopadhyay, *Computer Science*
Kathleen Megan Barry, *Chemistry*
(September 17, 1982)
Thomas Edward Barta, *Chemistry*
Joanne Zeller Brescia, *Chemistry*
(February 4, 1983)
Mark Leo Brucks, *Computer Science*
Kathryn King Chellman, *Geology*
(February 4, 1983)
Brent Richard Dohner, *Chemistry*
William James Etges, *Biology*
(February 4, 1983)
Elizabeth Pirie Farkas, *Political Science (Public Policy Analysis)*
Kathleen Louise Flanagan, *Political Science (Public Policy Analysis)*
Genaro Francisco Giffuni, *Geology*
(February 4, 1983)
Ivan Ponce Gill, *Geology*
Edward Mason Gordon, *Chemistry*
Anthony Hanley, *Political Science (Public Policy Analysis)*
Marsha Watkins Harris, *Political Science (Public Policy Analysis)*
Deborah J. Heacock, *Chemistry*
(September 17, 1982)
Thomas Allen Henderson, *Chemistry*
Allen Dale Huff, *Chemistry*
Daniel Robert Ilisevich, *Political Science (Public Policy Analysis)*
Boklye Kim, *Chemistry*
Charles Allan Kishpaugh, *Political Science (Public Policy Analysis)*
Johannes Agm Koomen, *Computer Science*
Matthew Joseph Kramer, *Geology*
(February 4, 1983)
John Thomas Kratunis, *Chemistry*
Amanda Jane Kunin, *Chemistry*
John A. Maguire, *Chemistry*
James L. Mayer, *Computer Science*
Nathaniel James Merrell, *Biology*
(September 17, 1982)
Bradley Adam Miller, *Political Science (Public Policy Analysis)*
Thomas J. Nalli, *Chemistry*
(September 17, 1982)
Richard Ernest Newman-Wolfe, *Computer Science*
Richard A. Pelavin, *Computer Science*
Joan C. Potenza, *Chemistry*
(September 17, 1982)
Karen A. Reixach, *Political Science (Public Policy Analysis)* (February 4, 1983)
Elizabeth B. Reyes, *Political Science (Public Policy Analysis)*
Jolie Lynn Scherzer, *Geology*
Gregory Paul Shalke, *Biology*
(September 17, 1982)
Kenneth P. Simolo, *Chemistry*
Gerard William Smith, *Political Science (Public Policy Analysis)*
Steven Eric Speyer, *Geology*
Chii-Tang Tsai, *Chemistry* (February 4, 1983)
Wayne David Vaccaro, *Chemistry*
Matthew Ernest Voss, *Chemistry*
(September 17, 1982)
David Lee Waldman, *Chemistry*
George Terrance Walker, *Chemistry*
Joseph Wayne Warnick, *Biology*
(February 4, 1983)
Roger George Weaving, Jr., *Chemistry*
Alan Dean Weidemann, *Biology*
Alison P. Williams, *Chemistry*
Jeffery Lee Wood, *Chemistry*
(September 17, 1982)
David Juergen Wustrow, *Chemistry*
Christopher John Zehren, *Political Science (Public Policy Analysis)*

Graduate School of Management

Candidates for degrees from the Graduate School of Management will be listed in the Commencement Program for their Ceremonies to be held on Sunday, June 12, 1983.

Graduate School of Education and Human Development

Candidates for the MASTER OF SCIENCE IN EDUCATION degree

Deborah Varlan Antoniadis (September 17, 1982)	Kevin James Lewis
Debra Leeds Ballard	Colleen Manning (September 17, 1982)
Kathleen Marie Bastuk (February 4, 1983)	Maureen Woods McClure (September 17, 1982)
Paula Maureen Brown	Virginia M. Molino (February 4, 1983)
Nancy E. Burke	Maria Teresa Barros Montero
John Leeds Campolieto	Jeanne Cecile Nix (February 4, 1983)
Gail Shure Chambers (September 17, 1982)	Marjorie Fischer Oyer
Kevin M. Coughlin (February 4, 1983)	Ellen Marshall Powell
Constance Curran (February 4, 1983)	Joyce A. Price (February 4, 1983)
Kamlesh Dass	Patricia Raso (September 17, 1982)
Joan Hopkins Derezinski (September 17, 1982)	Michael R. Ruff (February 4, 1983)
Lorraine Ann Dvorin (September 17, 1982)	Linda M. Russo
Janet Fox Elmore (September 17, 1982)	Claudia Jane Schraver
Danielle L. Fraenkel (September 17, 1982)	Pamela S. L. Severin (September 17, 1982)
Peter Franks (February 4, 1983)	Kristine Skinner
Cecilia Theresa Gandolfo	Heidi J. Sloan
Susan Gerbasi (September 17, 1982)	Louise H. Snetter-Asanji
Roger DeLong Gorham (February 4, 1983)	Patricia Motolo Snyder (September 17, 1982)
Suzanne A. Hagen	John Alan Teleska (September 17, 1982)
Kathryn Patricia Halik	Mark W. Thompson
Susan A. Hetherington	Linda Marie Tornabene
Karen J. Kelliher	Joseph Alanza Walker (February 4, 1983)
Virginia Carol Kennedy	Karen Weinberg (February 4, 1983)
Lori Dale Lefkowitz (September 17, 1982)	Ruth D. Weissberger
Karen Letourneau	Susan Burbank Williams
	Deborah Willsea (February 4, 1983)

Candidates for the MASTER OF SCIENCE IN EDUCATION Degree

awarded jointly with

ROCHESTER INSTITUTE OF TECHNOLOGY

through the

NATIONAL TECHNICAL INSTITUTE FOR THE DEAF

Grace Ann Ashley	Pamela Pik Yue Ng (September 17, 1982)
Karlan H. Barker (September 17, 1982)	Kathleen Anne Reich (September 17, 1982)
Mary Loretta Hayes	Todd William Roenbeck
George Douglas Jackson (September 17, 1982)	Elizabeth Jeanne Turner
Douglas Charles LaPoint	Martha Margaret Welch (September 17, 1982)
	Rosemary Zambito (September 17, 1982)

Candidates for the MASTER OF SCIENCE Degree

Susan Leslie Albrecht
Marlene Sigrid Allen
Margaret Beutnagel
Margaret Merchant Cassidy
Judith Wormer Cowles
Ellen Goldenberg
Deborah Jeanne Greene

Joseph C. Mancini
Aleta Yvonne McLeod
Kathryn Rich Oscarlece
Joseph Robert Ricotta
Richard Edward Weaver

Candidates for the DOCTOR OF EDUCATION Degree

John N. Brennan, *Counseling*
Thesis: The Effects of Four Training Programs on Three Kinds of Empathy

Linda Jeanne Buehner, *Curriculum*
Thesis: The Perception of Prosodic Cues and Its Relationship to Reading Fluency

Barbara May Butler, *Counseling*
Thesis: Work Identity of Food-Service Workers

Dan Clifford Davis, *Administration*
Thesis: Using Cost-Volume Analysis in Planning for the Small, Independent, Liberal Arts College

David M. DiFabio, *Curriculum*
Thesis: Cognitive Style and the Identification of Educationally "At Risk" Kindergarten Children

Virginia Lepori Dolan, *Counseling*
Thesis: The Relationship of Parent Discipline and Parent Empathy to Children's Empathy and Altruistic Behavior

David Louis Gaesser, *Counseling, A.B., St. Bernard's Seminary, 1960; Ed.M., University of Rochester, 1970*
Thesis: The Impact of Objective and Subjective Work Factors on Family Life in Adult Men (February 4, 1983)

Elizabeth A. Hurley, *Curriculum, B.A., Wells College, 1977*
Thesis: Peer Teaching in a Calculus Classroom: The Influence of Ability (September 17, 1982)

Peter Webster Knapp, *Curriculum, B.A., Houghton College, 1969; M.A., Colgate University, 1971*
Thesis: The Analysis of an Educational Innovation: Law-Related Education in New York State (February 4, 1983)

Sharon K. Krackov, *Curriculum, B.S., Cornell University, 1964; M.S., University of Rochester, 1978*
Thesis: Influence of Site on Ambulatory Care Residency Education in Internal Medicine (September 17, 1982)

Ann Scheier Leonard, *Curriculum*
Thesis: A Comparison of Two Instructional Methods for Teaching Logo to Learning-Disabled and Non-Learning-Disabled Children

Susan Maloney MacKrell, *Counseling, B.A., S.U.N.Y. at Buffalo, 1969; Ed.M., S.U.N.Y. at Buffalo, 1972*
Thesis: The Effects of Counseling Supervision Method, Trainee Level of Sophistication and Sex of Trainee on Empathic Understanding (February 4, 1983)

Lionel R. Meno, *Administration*
Thesis: An Examination of the Types of Non-Traditional Financing Methods and Their Present and Potential Impact on Public School

Richard A. Morano, *Administration*
Thesis: Students' Perceptions of Adjunct Faculty's Teaching Ability

Judith Rose, *Curriculum, B.S., University of Arizona, 1959; M.A., University of Arizona, 1960*
Thesis: Computer Science Education in Small Liberal Arts Colleges: Status and Impact on the Curriculum (February 4, 1983)

Dorothy Botkin Rosenthal, *Curriculum*
Thesis: Science and Society in High School Biology Textbooks: 1963-1983

Barbara Lee Smullen, *Curriculum*
Thesis: Role Change and the R.N. Student: A Process Described

College of Engineering and Applied Science

Candidates for the BACHELOR OF SCIENCE Degree

- Christopher Earl Agan, *Engineering and Applied Science*
David M. Aikens, *Optics*
Amy Christine Allen, *Optics*
Mitchell Nelson Almeter, *Mechanical Engineering*
Alexandra DiLauro Astill, *Chemical Engineering*
Jonathan Salem Balke, *Electrical Engineering*
William Louis Barnard, *Electrical Engineering*
Corey Alan Bent, *Chemical Engineering*
Patti Allyson Bernstein, *Electrical Engineering*
Ronald Zigmas Bielinis, *Chemical Engineering*
Steven Bruce Birenbaum, *Electrical Engineering*
Marc Steven Birnkrant, *Electrical Engineering*
Jeffrey Elliott Bisberg, *Chemical Engineering*
Jeffrey William Blain, *Electrical Engineering*
Howard Roy Block, *Chemical Engineering*
Dogan H. Bolak, *Optics*
Blake K. Bonnett, *Mechanical Engineering*
Christina Louise Bray, *Chemical Engineering*
Arthur D. Buettner, *Mechanical Engineering*
Sharon Rose Burns, *Chemical Engineering*
Michael Garvin Caesar, *Chemical Engineering*
Jonathan Cagan, *Mechanical Engineering*
Jeffrey Emerson Calhoun, *Mechanical Engineering*
Ronald Michael Capozzi, *Mechanical Engineering*
Peter Theodore Carellas, *Optics*
Susan Lynn Carlson, *Chemical Engineering*
Pier David Carroll, *Electrical Engineering*
Simon Wansui Chan, *Electrical Engineering*
Catherine Cha-Ling Chen, *Chemical Engineering*
Ming En Chen, *Electrical Engineering*
Timmy Chow Keong Chin, *Electrical Engineering*
Daryl Peter Ciambella, *Mechanical Engineering*
Eugene Rowland Cochran III, *Optics*
Carolyn A. Collins, *Chemical Engineering*
Christopher Ralph Costanzo, *Optics*
Isabelle Mary Cozzarelli, *Geomechanics*
Steven A. Crumb, *Mechanical Engineering*
Loraine Ann Dabinett, *Chemical Engineering*
Diane Dalecki, *Chemical Engineering*
Michael Mace Daum, *Optics*
Steven George Debs, *Optics*
Gregory Paul Dougherty, *Optics*
John David Downie, *Optics*
Katherine McKenica Durdan, *Electrical Engineering*
David Matthew Duryea, *Geomechanics*
Michelle Janice Duval, *Chemical Engineering*
Gary Alan Emerle, *Electrical Engineering*
Steve Yung Chieh Fan, *Electrical Engineering*
Mary Margaret Finn, *Optics*
Christopher David Fiorelli, *Geomechanics*
Anne S. Fischer, *Electrical Engineering*
Christopher John Fleischman, *Mechanical Engineering*
Thomas John Fleming, *Geomechanics*
Robert Alan Franken, *Electrical Engineering*
Glenn Evan Frommer, *Chemical Engineering*
Alexander Luis Gaeta, *Optics*
Michael Don Gengos, *Chemical Engineering*
Jon Allen Giberson, *Chemical Engineering*
Mark Eric Gilbert, *Mechanical Engineering*
Alan Michael Goldman, *Electrical Engineering*
Morten Olav Green, *Chemical Engineering*
Kathleen Sue Grignol, *Optics*
Julie R. Grob, *Electrical Engineering*
Mark J. Guardalben, *Optics*
Paul C. Haffen, *Mechanical Engineering*
Paul Samuel Hamilton, *Mechanical Engineering*
Francis Paul Harney, *Mechanical Engineering*
Cynthia L. Harrison, *Chemical Engineering*
James Frederick Haskin, *Electrical Engineering*
Thomas Warrington Hayward, *Mechanical Engineering*
Kevin Edward Healy, *Chemical Engineering*
Michael David Higgins, *Mechanical Engineering*
John Henry Hirs, *Optics*
Linda Christine Hornik, *Chemical Engineering*
Stephen Dubbs Hoyt, *Mechanical Engineering*
John Hutson, *Electrical Engineering*
Natalie J. Hutton, *Chemical Engineering*
Daniel Joseph Innes, *Chemical Engineering*
James A. Ionata, *Electrical Engineering*
Gregory Charles Issing, *Electrical Engineering*
Richard Allen James, *Optics*
Theodore Kenneth Janacek, *Mechanical Engineering*
Robert William Jobsky, *Chemical Engineering*
James Knight Johnson, *Electrical Engineering*
Brian Douglas Kain, *Electrical Engineering*
Douglas Michael Karp, *Electrical Engineering*
Robert Charles Kellogg, *Optics*
Paul Lyle Kenward, *Optics*
Matthew Raycroft Kercher, *Electrical Engineering*
Craig D. Kiikka, *Optics*
Gunyong James Kim, *Electrical Engineering*
Dwight Allen Klaus, *Electrical Engineering*
Philip Kneisl, *Chemical Engineering*

Margaret Elizabeth Kohin, *Optics*
 Thomas Edward Kopley, *Electrical Engineering*
 Gregory William Kress, *Electrical Engineering*
 James Victor Kurkhil, *Optics*
 Karla Marie Kuzawinski, *Electrical Engineering*
 Brian J. Kwarta, *Optics*
 Michelle S. Kwarta, *Chemical Engineering*
 Michelle Labella, *Optics*
 May Lam, *Electrical Engineering*
 Joanne Landers, *Chemical Engineering*
 Lori Robin Levine, *Chemical Engineering*
 Jonathan David Levy, *Electrical Engineering*
 John William Lockard, *Electrical Engineering*
 James Craig Lombardi, *Chemical Engineering*
 Francis Damian Lucci, *Chemical Engineering*
 Eric Matthew Lutz, *Optics*
 Laurie Marie Lyon, *Optics*
 Anthony M. Macchiarella, *Engineering and Applied Science*
 Eduardo Antonio Mantilla, *Electrical Engineering*
 Norbert Ralph Markert, *Mechanical Engineering*
 Steven Eric Mason, *Optics*
 Gregory Paul Matis, *Mechanical Engineering*
 George Douglas Mazezka, *Electrical Engineering*
 James Patrick Mazurowski, *Chemical Engineering*
 Kevin Patrick McGuire, *Optics*
 Jane Kathleen McHugh, *Geomechanics/Mechanical Engineering*
 Herman McKenzie, *Electrical Engineering*
 Christopher Michael McNally, *Chemical Engineering*
 Patrick J. Shelby McNenny, Jr., *Optics*
 David Bryan McVicker, *Optics*
 Paul Russell Messina, *Mechanical Engineering*
 Roger Howard Mills, *Optics*
 Cliff R. Mirman, *Mechanical Engineering*
 Sean P. Mongan, *Geomechanics*
 Samuel Farnsworth Beck Morse, *Optics*
 Mark H. Mozeson, *Mechanical Engineering*
 Frederick Alfred Mueller, *Electrical Engineering*
 Mary Ann Geraldyn Mullen, *Geomechanics*
 Siobhan Marie Mullen, *Optics*
 Dennis Reinhard Naeger, *Mechanical Engineering*
 Michael J. Napolitano, *Chemical Engineering*
 Frank Tom Nau, *Chemical Engineering*
 Raymond Scott Nelson, *Mechanical Engineering*
 Brian H. Nicholas, *Electrical Engineering*
 Kevin Louis Nichols, *Chemical Engineering*
 Daniel Robert O'Connor, *Chemical Engineering*
 Daniel Gerard O'Neil, *Chemical Engineering*
 Henry Charles Osti, *Mechanical Engineering*
 John Leonard Pagano, Jr., *Chemical Engineering*
 Jeffrey Victor Peck, *Electrical Engineering*
 Jay Elliot Perlin, *Optics*
 Ronald Anthony Petrozzo, *Optics*
 Gail Esther Pollack, *Chemical Engineering*
 Stephen Jairus Potochnik, *Chemical Engineering*
 Geoffrey Rust Prior, *Electrical Engineering*
 Christopher G. Publow, *Chemical Engineering*
 Joseph John Purrazzella, *Optics*
 Paul Jerome Regensburger, *Chemical Engineering*
 Diana Lynn Rhodes, *Chemical Engineering*
 Scott George Richter, *Mechanical Engineering*
 Philip Mathew Rolchigo, *Chemical Engineering*
 Sam M. Romano, Jr., *Electrical Engineering*
 Martin Roger Rost, *Optics*
 Mark A. Rudd, *Electrical Engineering*
 Murray Edward Rudin, *Electrical Engineering*
 John Stephen Sakosky, *Electrical Engineering*
 Barry James Sanders, *Chemical Engineering*
 Laura Ann Scanlan, *Chemical Engineering*
 Donald Edwin Schildkamp, *Electrical Engineering*
 Robert Andrew Segura, *Chemical Engineering*
 Debora Eileen Serth, *Chemical Engineering*
 Dipika Rajnikant Shah, *Chemical Engineering*
 Laryssa Sophia Sharvan, *Mechanical Engineering*

For each of you has a responsibility to the society; and the time scale of the society is generally a long one, not a short one. To exercise this responsibility—even when it may be in conflict with your responsibility to your parents, teachers, and employers—will require courage as well as ingenuity: for sometimes you will find it necessary to sacrifice yourself because your interest for the longer view is not acceptable to those who employ you. But, on the whole, I think you should take this risk and inject these longer perspectives into your careers. Your technological fixes and social fixes will thereby become more humane; perhaps more important, each of your lives will be more richly human.

—From remarks of Alvin M. Weinberg on receiving the degree Doctor of Science at the University of Rochester June 3, 1973.

David Fisher Sherman, *Engineering and Applied Science*
Eddie Siu, *Electrical Engineering*
Andrew L. Smith, *Electrical Engineering*
Michael A. Smith, *Mechanical Engineering*
Michael Robert Spiraw, *Chemical Engineering*
Ronald J. Stanulevich, *Chemical Engineering*
Mark Lindsey Stevans, *Engineering and Applied Science*
Mark Seth Stoller, *Electrical Engineering*
John Woodring Studt, Jr., *Mechanical Engineering*
Paul David Sylvestri, *Chemical Engineering*
Michael D. Thomas, *Optics*
Thomas John Toomey, *Optics*
Nicholas C. Trasolini, *Chemical Engineering*
Todd Fulton Updike, *Optics*
Richard Anthony Utano, *Optics*
Kerry Edward Vanlsegghem, *Chemical Engineering*

Paul Stanley Vaskelis, *Chemical Engineering*
Peter Gus Vichos, *Chemical Engineering*
Deborah Jane Vogel, *Optics*
Thomas Bergan Wall, *Electrical Engineering*
Linda Beth Warshal, *Electrical Engineering*
Steven Jay Weinstein, *Chemical Engineering*
Carl R. Wesolowski, *Electrical Engineering*
Kurt Warren Wierman, *Optics*
Ronald Andrew Wilklow, *Optics*
Christopher L. Wyatt, *Optics*
Robert Michael Zacharias, *Mechanical Engineering*
Amy Louise Zelazny, *Optics*
Brian Keith Zellers, *Optics*
Gary Edward Ziemer, *Mechanical Engineering*
Stephen Blake Zuegel, *Mechanical Engineering*
David Alan Zweig, *Optics*

Candidates for the MASTER OF SCIENCE Degree

James Edward Adams, Jr., *Optics*
(February 4, 1983)
Gregory Holt Ames, *Optics*
(September 17, 1982)
Stephen C. Arnold, *Mechanical and Aerospace Sciences* (September 17, 1982)
Martin J. Atkinson, *Chemical Engineering*
Philip Lawrence Bradfield, *Optics*
(September 17, 1982)
Wayne Alan Buchar, *Optics*
(September 17, 1982)
Ralph W. Bush, *Materials Science*
(February 4, 1983)
Karen Rose Capizzi-Gooding, *Chemical Engineering*
Russell Tanner Carr, *Chemical Engineering*
Keath Tai-You Chen, *Chemical Engineering*
(September 17, 1982)
Glenn Richard Colliss, *Optics*
(February 4, 1983)
Charles David Cox, *Mechanical and Aerospace Sciences* (February 4, 1983)
David Joseph Crispino, *Mechanical and Aerospace Sciences* (September 17, 1982)
Marc Thomas Daigle, *Optics*
(September 17, 1982)
Viktor M. Daragjati, *Mechanical and Aerospace Sciences* (February 4, 1983)
Peter John Delfyett, *Electrical Engineering*
Jeffrey William Doyle, *Optics*
(February 4, 1983)
John Patrick Dugan, *Optics*
(September 17, 1982)
Patricia A. Fagbayi, *Chemical Engineering*
(September 17, 1982)

William Joseph Federspiel, *Chemical Engineering*
Salvatore M. Formicola, *Optics*
(February 4, 1983)
Alberto Ricardo Galimidi, *Electrical Engineering*
Mark Tyree Gruneisen, *Optics*
(September 17, 1982)
William G. Guerin, *Optics*
(September 17, 1982)
Susan Nicole Houde-Walter, *Optics*
James Norton Hulme, *Chemical Engineering*
(February 4, 1983)
Robert P. Jennejahn, *Chemical Engineering*
Robert Kent Jungquist, *Optics*
(February 4, 1983)
Ajay L. Kela, *Mechanical and Aerospace Sciences*
(September 17, 1982)
David John Korwan, *Optics*
Tomi Lahcanski, *Optics* (September 17, 1982)
Peter John Landers, *Mechanical and Aerospace Sciences* (February 4, 1983)
Alan E. Lewis, *Optics* (September 17, 1982)
Eugenia Lin, *Mechanical and Aerospace Sciences*
(September 17, 1982)
Richard Irvine Manning, Jr., *Optics*
(February 4, 1983)
Eduardo Yumet Martinez, *Chemical Engineering*
Bonnie Ann Maye, *Electrical Engineering*
(September 17, 1982)
Colin J. McKinstrie, *Mechanical and Aerospace Sciences* (September 17, 1982)
Robert Adam Modavis, *Optics*
(February 4, 1983)
Amitabha Mukhopadhyay, *Electrical Engineering* (September 17, 1982)

Sinnasamy Ramanujam Naidu, *Chemical Engineering*
Kevin C. O'Keefe, *Optics*
(September 17, 1982)
Kenneth R. Ossman, *Optics*
(September 17, 1982)
Mark Paul Pavlik, *Chemical Engineering*
James Andrew Pleau, *Chemical Engineering*
(September 17, 1982)
Thomas Foster Powers, *Optics*
Robert John Rolleston, *Optics*
(February 4, 1983)
Heiko Rommelmann, *Electrical Engineering*
Jaroslaw Roman Rossignac, *Electrical Engineering*
Harold N. Seiden, *Optics*
Robert James Smith, *Optics*

Ronald David Stern, *Optics*
(February 4, 1983)
Nancy J. Sullo, *Optics* (February 4, 1983)
Charles Surya, *Electrical Engineering*
Paula E. Tabor, *Optics* (September 17, 1982)
Pravin Tandon, *Chemical Engineering*
(February 4, 1983)
Robert John Von Handorf, *Optics*
(September 17, 1982)
John Firman Whitaker, *Electrical Engineering*
Helen L. Williams, *Chemical Engineering*
Nathaniel O. Wilson, *Chemical Engineering*
(February 4, 1983)
Chee-Chiu Joseph Wong, *Materials Science*
Lam Fun Wong, *Mechanical and Aerospace Sciences*

I am deeply honored to receive this degree from so distinguished an institution. The traditional costumes and ceremonies of this occasion remind us of enduring values from the past. They may also serve to remind us of the changes and contradictions that beset contemporary society.

Because universities are the cradle of future-oriented thinking, as well as tradition, I am highly honored to be associated today with those of you who earned the degrees being awarded here. Today's circumstances require the development and acceptance of new ideas about the goals and values of the human species and our relationship to the natural world. You and your colleagues from other universities can be potent agents for facilitating and directing these changes.

Will our society accept reason, understanding and faith as guides for action, rather than rejecting knowledge as evil or dangerous?

When Adam ate the apple from the tree of knowledge, he lost the innocence whose absence distinguishes man from other predators. Are knowledge and rationality and, especially, science the apple juice from which evil inevitably follows?

Man is curious, and curiosity has impelled the reach for knowledge. But today's problems make some people hesitate and even reject the idea that knowledge is good.

Adam's apple, so to speak, is stuck in our throats.

Still the quest for knowledge has kept man's eyes on the stars, and for many years sustained his faith that he can control his destiny. It needs to give us faith today that we can learn to live in harmony with nature and one another.

But while we've eaten from the tree of knowledge, we've accumulated quite a pile of old apple cores around our ankles.

As the apple cores threaten to rise to our knees, we must realize that it is man's impatience, greed, carelessness and disrespect for nature that causes knowledge to be turned against us. Man's hope lies in using knowledge and talent as an instrument for constructive change, not in rejecting it.

—From remarks of Lewis M. Branscomb on receiving the degree
Doctor of Science at the University of Rochester June 6, 1971.

University College of Liberal and Applied Studies

Candidates for the BACHELOR OF SCIENCE Degree in General Studies

Maria Fatima Amorim, *Natural Science*
Harriett Eugean Austin, *Social Science*
George Monte Christian, *Natural Science*
Douglas G. Clark, *Natural Science*
William J. DeAngelis, *Social Science*
Sandra Anderson Dyer, *Humanities*
Rosemary C. Fontaine, *Social Science*
Edward C. Gervais, *Social Science*
Joel Ira Greenberg, *Social Science*
Loretta Marie Gurriere, *Social Science*
Terrance Hartzell, *Social Science*
Nancy Hyjek, *Natural Science*
Kwang Yung Jo, *Natural Science*
Lester J. Kleehammer, *Social Science*
Tanya Lennox Mangan, *Natural Science*
Michele Ranney Martin, *Natural Science*

Lynne Hill Miller, *Social Science*
Anna Molfeta Moschopoulos, *Natural Science*
Fred Savoy Myricks, *Social Science*
John Joseph Nemechek, *Natural Science*
Linda Jean Piscitell, *Natural Science*
Joyce M. Rapp, *Social Science*
Ann Valastro Rook, *Natural Science*
Nathan Rosenfeld, *Social Science*
Martina M. Stockmaster, *Natural Science*
Steven P. Szatynski, *Natural Science*
Richard Alan Waterbury, *Natural Science*
Diane Marie Wells, *Natural Science*
Richard Glen Westfall, *Natural Science*
William Ronald Wigent, *Natural Science*

Candidates for the MASTER OF SCIENCE Degree

Carmella Barbara Arico, *Community Services*
(February 4, 1983)
Jane Benjamin Baum, *General Studies*
(*Humanities*)
Joseph York Beckles, *Adult Learning*
(September 17, 1982)
Amy Janet Anne Ceasar, *Community Services*
William Homer Dewitt, *General Studies*
(*Humanities*)
Richard Ensman, *Community Services*
(September 17, 1982)
John Magnus George, *Mathematical Methods*
Jeanne Tasker Gozigan, *General Studies*
(*Humanities*)
Sherrill Ison, *Applied Mathematics*
(September 17, 1982)
Lawrence E. Kowalczyk, *General Studies*
(*Materials Engineering*)
Carolyn S. Lavine, *Environmental Studies*
Mary M. Lee-Szymanski, *Community Services*
Stephen Thomas MacIntyre, *Environmental Studies*

Kenneth J. Maurice, *Community Services*
(February 4, 1983)
Raymond J. McQuade, *General Studies*
(*Materials Engineering*) (February 4, 1983)
Mary Ann O'Leary, *Adult Learning*
(September 17, 1982)
Robert L. Palumbos, *Community Services*
Kenneth Clark Peltzer, *Community Services*
(February 4, 1983)
Susan A. Quinn, *Environmental Studies*
(February 4, 1983)
James Vincent Scott, *Environmental Studies*
Herbert John Singletary, Jr., *General Studies*
(*Materials Engineering*) (February 4, 1983)
Patricia Jane Sood, *Adult Learning*
(February 4, 1983)
Thomas A. Tortora, *Community Services*
(February 4, 1983)
Jeffrey L. Williams, *Environmental Studies*

Eastman School of Music

Candidates for the BACHELOR OF MUSIC Degree

- Stephen Robert Austin, *Applied Music* (Trombone)
- Kenneth Alan Beare, *Applied Music* (Voice)
- Michael W. Beattie, *Applied Music* (Piano)
- Nancy Jeanne Bittner, *Applied Music* (Piano)
- David Gregory Bloesch, *Applied Music* (Violin)
- Elaine Anne Boda, *Applied Music* (Violoncello)
- David Harold Brickman, *Applied Music* (Violin)
- Sarah Elaine Briggs, *Applied Music* (Violin)
- William Mark Campbell, *Applied Music* (Trumpet)
- Christopher Allen Chappell, *Applied Music* (Violin)
- Anna Lucia Cholakian, *Applied Music* (Violoncello)
- Timothy Garner Conkling, *Applied Music* (Trumpet)
- Emily Hope Controulis, *Applied Music* (Flute)
- Douglas Richard Cook, *Applied Music* (Saxophone)
- Farobag Homi Cooper, *Theory* (September 17, 1982)
- Stacia A. Cronin, *Applied Music* (Flute)
- Patricia Ann Dash, *Applied Music* (Percussion)
- Michael Eugene Davis, *Applied Music* (Trombone)
- Sylvia Davis, *Applied Music* (Flute)
- Gabrielle Marie deVos, *Music Education*
- Bernard John Dresel, Jr., *Applied Music* (Percussion)/*Music Education*
- William Fredrick Eddins, *Applied Music* (Piano)
- Beth Ann Fabrizio-Coonan, *Applied Music* (Clarinet)
- Jeffrey Lynn Fahnstock, *Music Education*
- Shari Feder, *Theory*
- Susan Ann Federman, *Applied Music* (Violin)
- Kristine Rebecca Fink, *Applied Music* (Violin)
- Leonard Christopher Foy, *Applied Music* (Trumpet)
- Michael D. Gartz, *Applied Music* (Organ)
- Julie Ann Gigante, *Applied Music* (Violin)
- Melissa Boschian Greene, *Music Education*
- Karen Anne Greunke, *Applied Music* (Voice)
- Diane Eleanor Groves, *Applied Music* (Bassoon)
- Neal Louis Hampton, *Composition*
- Charlotte Ann Harrington, *Applied Music* (Violin)
- Marek C. Harris, *Composition*
- Alan John Harvey, *Applied Music* (Tuba)
- Monica Hatch, *Applied Music* (Voice)
- Lisa Ellen Holk, *Applied Music* (Trumpet)
- Nancy George Holland, *Applied Music* (Viola)
- Stephanie Ann Kanack, *Applied Music* (Violin)
- Neal Frederick Kurz, *Applied Music* (Piano)
- George Kenneth Lehman, *Composition*
- Stacia A. Lewandowski, *Applied Music* (Flute)
- Alan David Lichtman, *Applied Music* (Percussion)
- Peter Alan Lindblom, *Music Education*
- Christa Elizabeth Little, *Music Education*
- Hal L. London, *Applied Music* (Tuba)
- Julian Lorenzon, *Applied Music* (Viola)
- Tammy Kar-Hee Lum, *Applied Music* (Piano)
- James Pember Lyon, *Applied Music* (Violin)
- Thomas Ralph Martin, *Applied Music* (Clarinet)
- Thomas James McPherson, *Music Education*
- Willard Allan Miller, *Applied Music* (Percussion)
- Donna Carol Mitchell, *Applied Music* (Voice)
- Sandra Hiroko Murakami, *Applied Music* (Piano)
- Norman Bunoh Nkeaka, *Applied Music* (Voice)
- Christopher Scott Norton, *Applied Music* (Percussion)/*Theory*
- Deborah Lynn Nyack, *Applied Music* (Harp)
- Maria Scibetta Ogorek, *Music Education*
- Jon Peter Oosterling, *Music Education*
- Amy Irene Phelps, *Applied Music* (Horn)
- Carol Lee Purdy, *Applied Music* (Violoncello)
- Gayla Ruth Rickard, *Applied Music* (Organ)
- John Jeffrey Robinson, *Applied Music* (Bassoon)
- Suzanne Rachele Rousso, *Applied Music* (Viola)
- Rebecca Byers Russell, *Applied Music* (Voice)
- Lori Dawn Salimando, *Applied Music* (Trombone)
- Kevin William Schempf, *Applied Music* (Clarinet)
- Elizabeth Hannah Schlesinger, *Applied Music* (Piano)
- Miriam Frances Schwanauer, *Applied Music* (Piano)
- Paul Matthew Sportelli, *Applied Music* (Piano)
- Alison Tanner Stauffer, *Applied Music* (Clarinet)
- Lloyd Byron Stripling, *Applied Music* (Trumpet)
- Miwa Sugimoto, *Applied Music* (Piano)
- David Bruce Tanner, *Applied Music* (Violin)
- Charles William Taylor, *Composition*
- Dawn Marie Taylor, *Applied Music* (Oboe)
- Louise Marion Titlow, *Applied Music* (Trombone) (February 4, 1983)
- Kenneth Nathan Weiner, *Applied Music* (Flute) (February 4, 1983)
- Andrew James Weinzler, *Applied Music* (Saxophone)
- Paul Christian Welcomer, *Applied Music* (Trombone)
- Peter Michael Whorf, *Applied Music* (Violin)
- Roland Place Wilcox, *Applied Music* (Percussion)
- Ann Michelle Young, *Music Education*

Candidates for the MASTER OF ARTS Degree

- Deta Sue Davis, *Theory*
Kristina L. Engberg, *Theory*
(February 4, 1983)
Manuel Gustavo Erviti, *Musicology*
(February 4, 1983)
Karen Angela Falsetta, *Music Education*
(February 4, 1983)
Peter Michael Kaminsky, *Theory*
Jeffrey Cornell Livengood, *Theory*
Maria Elizabeth da S. Lucas, *Musicology*
(September 17, 1982)
Larry Roger Nunns, *Music Education*
(February 4, 1983)
- Sarah Bushnell Ransom, *Musicology*
Anne Marie Reynolds, *Musicology*
(February 4, 1983)
Gregory John Sandell, *Theory*
Timothy James Siess, *Music Education*
(February 4, 1983)
Michèle Anastasia Smith, *Musicology*
(February 4, 1983)
Maralyn Fran Sobel, *Music Education*
Masami Takase, *Musicology*

Candidates for the MASTER OF MUSIC Degree

- Susan Albig Anderson, *Music Education*
(September 17, 1982)
Richard Glen Bado, *Performance and Literature*
Marion Janet Beckenstein, *Performance and Literature*
Barbara Ann Bibbero, *Performance and Literature*
Jennifer Erin Bogart, *Performance and Literature*
Katherine Louise Bowden, *Performance and Literature* (February 4, 1983)
Steven Bramson, *Jazz Studies and Contemporary Media*
Jeremy Scott Brown, *Performance and Literature*
(September 17, 1982)
Kevin Wright Brown, *Performance and Literature*
Raphael Bennard Bundage, *Conducting*
Michael Scott Burnette, *Performance and Literature* (February 4, 1983)
Jennifer Alison Cable, *Performance and Literature*
Glenn Kenyon Call, *Performance and Literature*
Mark Stanton Cornell, *Music Education*
(February 4, 1983)
Laura T. Croen, *Performance and Literature*
Sandra Lee Cross, *Performance and Literature*
Marian Bottje Drake, *Performance and Literature*
Bradley Ross Ellingboe, *Conducting (Choral)*
Donna Mae Pauley Fairbanks, *Performance and Literature*
Kenneth Andrew Finch, *Performance and Literature* (February 4, 1983)
Carl Peter Fink, *Music Education*
Renee Lynn Fleming, *Performance and Literature*
Randall J. Fusco, *Performance and Literature*
(February 4, 1983)
Yanyu Guo, *Performance and Literature*
Charles Arthur Hansen, *Performance and Literature*
Craig Robert Harris, *Composition*
(February 4, 1983)
Scott Alvin Hartman, *Performance and Literature*
Paul Frederick Harvey, *Performance and Literature*
- Michael Gene Hayden, *Conducting (Choral)*
David Andrew Heller, *Performance and Literature* (February 4, 1983)
Jeffrey Lee Hellmer, *Jazz Studies and Contemporary Media*
David Brooks Henderson, *Jazz Studies and Contemporary Media*
Kerry Ray Johnson, *Performance and Literature*
Reba Dollynn Kelly, *Performance and Literature*
Mary-Hannah Klontz, *Performance and Literature*
Paul Orville Klontz, *Performance and Literature*
Esther Jane Kulp, *Performance and Literature*
Matthew C. Lau, *Performance and Literature*
Hélène Lequeux, *Performance and Literature*
Judith Ann Lohmer, *Music Education*
Sean Daniel Lowery, *Performance and Literature*
Mark Lancaster Lusk, *Performance and Literature*
Anne Elizabeth MacNeil, *Performance and Literature*
Bevan H. Manson, *Jazz Studies and Contemporary Media*
Martha Elizabeth Martin, *Music Education/Performance and Literature*
Michael Sean McLaughlin, *Jazz Studies and Contemporary Media*
Kimberly McLean, *Performance and Literature*
Jeffrey Randal McLelland, *Performance and Literature*
Susan Kaye Miller, *Performance and Literature*
(February 4, 1983)
Ragna Sofie Grung Moe, *Performance and Literature*
David Lee Mosley, *Performance and Literature*
Susan Barbara Mowrer, *Performance and Literature*
Jay Arthur Pierson, *Performance and Literature*
Susan Jane Randall, *Performance and Literature*
(February 4, 1983)
Robynne Leigh Redmon, *Performance and Literature*

- Bonny Lynn Rinas, *Performance and Literature*
 Teresa Marie Ringholz, *Performance and Literature*
 Cynthia Elizabeth Roberts, *Performance and Literature* (February 4, 1983)
 Stephen Jon Rush, *Composition* (February 4, 1983)
 Brian Christopher Scanlon, *Jazz Studies and Contemporary Media*
 Salvatore Anthony Scarpa, *Jazz Studies and Contemporary Media* (February 4, 1983)
 Wey-Tsyr Shaw, *Performance and Literature*
 Kristen Shiner, *Performance and Literature* (February 4, 1983)
 Steven Craig Smith, *Performance and Literature*
 Pamela Susan Stanley, *Performance and Literature*
- Frank William Stoldt, *Performance and Literature* (February 4, 1983)
 Carlos Alberto Storti, *Music Education/Conducting*
 Shelly Gail Sublett, *Performance and Literature*
 Frank Dominic Tamburro, *Performance and Literature* (February 4, 1983)
 Mark A. Thomsen, *Performance and Literature*
 Mark Edward Tulga, *Jazz Studies and Contemporary Media*
 Phillip David Tulga, *Jazz Studies and Contemporary Media*
 Donna Jean Vaclav, *Performance and Literature* (February 4, 1983)
 John Tice Warren, *Performance and Literature*
 Michael Glenn Williams, *Composition*

Candidates for the DOCTOR OF MUSICAL ARTS Degree

- Gerald John Basserman, *Composition*
 Dean W. Billmeyer, *Performance and Literature* (September 17, 1982)
 Zelman Bokser, *Composition* (February 4, 1983)
 Catherine Mary Campbell, *Performance and Literature*
 Nancy Joyce Cooper, *Performance and Literature* (February 4, 1983)
 Craig Jay Cramer, *Performance and Literature*
 Allison Kay Evans, *Performance and Literature*
 Robert Martin Ferris, *Performance and Literature*
 Carol Oncley Irwin, *Performance and Literature*
- Diane Yung-Jin Lim, *Performance and Literature*
 Ellen Stephanie Markus, *Performance and Literature* (September 17, 1982)
 Barbara Ann Raedeke, *Performance and Literature*
 Richard James Ratliff, *Performance and Literature* (September 17, 1982)
 Elizabeth Reed Smith, *Performance and Literature*
 Terry Walter Strandt, *Performance and Literature* (September 17, 1982)
 Peter Carlton Warsaw, *Performance and Literature*

We hear about pre-med courses and pre-law courses and other pre-this and pre-that courses in college, but I think that all college education is a pre-education course. What college does or should do, is give you a basis for educating yourself. Graduation from college, if you don't mind my saying so, is really nothing but the end of your kindergarten days.

And the great thing is, you know, that you never really get that degree. I've been trying a long time, but I have yet to see Persepolis, and Angkor Wat, and other parts of my inheritance without which my education will be incomplete.

Let me say it again: you never really get that degree. But a nominal degree certified by a University is a great pleasure, and I would like to say that with the permission of my fellow students in the audience, when I am next asked what my college class was, I am not going to say "University of Texas, 1929," or "Yale, 1933," which have been my answers so far, but "Rochester '74."

—From remarks of John Canaday on receiving the degree Doctor of Humane Letters at the University of Rochester May 12, 1974.

School of Medicine and Dentistry

Candidates for degrees from the School of Medicine and Dentistry will be listed in the Commencement Program for their Ceremonies to be held on Sunday, May 22, 1983.

School of Nursing

Candidates for the BACHELOR OF SCIENCE Degree in Nursing

Christene Amabile-Mye
Karen Margaret Andersen
Leslie Berard
Steven E. Buckley
Kathleen Mary Calnan
Juanita Anne Chase
Athanasius Cherry (2/83)
Elizabeth Ann Clapp
Donna Marie Collins
Patricia Coniglio
Tammie Skrobacs Connell
Carol J. Cornwell
Carole G. Dellova
Karen Ann Digaspari
Donna Marie Falls
Rozann Marcia Freidlin
Nancy Walker Gaden
Anne Gardner (2/83)
Jennifer Louise Glenn
Sarah Lee Gooen
Leigh Griffiths
Susan Elizabeth Grosshart
Brenda P. Hall (2/83)
Judith A. Hanlon
Kayko Jean Harris
Carmela Hausser
Lindsay K. Holmes (2/83)
Sharon Kay Inscho
Denise Amy Isabelle
Anita L. Kaye
Jacqueline Ann Koscelnik
Barbara Monika Kreckel

Barbara Anne Lawler
Diane Lynn Masick
Christina Mary McPhee
Erika Harriet Moore
Craig Elizabeth Morgan
Dawn Marie Moshier
Pamela Arlene Murdock
Susan Nicoletti
Susan Lynndale Nordberg
John M. Nulty, Jr.
Gene Paul Nuse
Gayle Terese Nutile
Sharon Dennler O'Gawa
Veronica Elizabeth Perrone
Linda M. Pierce
Peter Bellinger Plank
Lisa Beth Pringle
Joanne M. Reiss
Mary Margaret Relich
Gary Alan Ritzel
Michael A. Santantonio (2/83)
Richard W. J. Scheer
Gretchen Lewis Shankweiler
Nancy Jean Shoolbraid
Holly Ann Simpson
Meredith Sprentall
Andrea Kristen Sword
Jennifer S. Timms
Karen Jill Tuck
Robyn Louise Vincent
Karen Gwynn Wilson

Candidates for the MASTER OF SCIENCE Degree in Nursing

Marilyn Ann Belli
Marjorie N. Blondell
James P. Blonsky
Therese Ann Caffery
Carmen Christopherson (9/82)
Elizabeth Anne DiMartino
Gertrude Anne Dody
Judy Feret
Nancy M. Gaze
Jeanne Tuel Grace
Gail L. Grammatica
Susan Lee Greene
Judith Foote Harrigan
Jane K. Hartnett
Kathy Ann Heard
Patricia Ann Hryzak (9/82)
Veronica Theresa Hychalk
Gail Laura Ingersoll (2/83)
Margaret Jahn (9/82)
Pamela Pitt Jones (9/82)
Mary Ann Jordan
Jean LaVona Lee
Elaine Hanna Liebman
Carolyn T. Magee
Hollis M. Mahaney
Joanne Marie Marren
Jacqueline Maxwell
Dorothy I. Meddaugh
Julia May Morris (9/82)
Yvonne Marie Moseley (9/82)
Lisa Helen Norsen (2/83)
Julianne Nowak
Barbara Longstaff Outterson
Kathleen Mulholland Parrinello
Sandra Merritt Perry
Kathleen Lynn Peterson-Sweeney
Carol Freudigman Pizzo
Ellen Marie Powers
Marsha Still Pulhamus
Rebecca Hill Ressue
Gail Marie Cornell Revell (2/83)
Karen Keel Richardson
Margaret Cressy Romeyn
Yvonne M. Rossi
M. Kathleen Scanlon
Pia Stanek Schmekel (9/82)
Katherine Kakretz Schwarz
Julie Clemmons Shattuck
Diane Elaine Todd
Patricia Ferrau Troyan
Kathryn McCabe Votava
Elaine Darbee Walker
Sherry Diane West
Kathleen White-Ryan
Donna M. Windrel

University Council on Graduate Studies

Candidates for the DOCTOR OF PHILOSOPHY Degree

Olutoye Akinjiola, *Chemical Engineering*
Thesis: Thermal Hydraulic Instabilities
in Cryogenic Evaporators
(September 17, 1982)
Tahir Ali, *Anthropology*
Thesis: The Burusho of Hunza Social
Structure and Household Viability in a
Mountain Desert Kingdom
(February 4, 1983)
Jeffrey Peter Astheimer, *Mathematics*
Thesis: Generalizations of H^p -Theory
on Locally Compact Groups
Joseph Baillio, *French Literature*
Thesis: Elisabeth Louise Vigee Le Brun
(1755-1842)
John Eugene Ball, *Computer Science*
Thesis: Program Improvement by the
Selective Integration of Procedure Calls
Kendall Lee Belsley, *Chemistry*
Thesis: Vibrational Spectroscopy of
Water and Aqueous Solutions
(February 4, 1983)
David Mark Berg, *Physics*
Thesis: Measurement of the Radiative
Decay Width of the K^{*-} Meson

- Deanna D. Bush, *Musicology*
Thesis: The Orchestral Masses of Ignaz
Holzbauer (1711-1783): Authenticity,
Chronology, and Style with Thematic
Catalogue and Selected Transcriptions
(February 4, 1983)
- William Henry Cabot, *Physics and Astronomy*
Thesis: Two-Dimensional Accretion
Disk Structure and Stability
(February 4, 1983)
- Allen Clayton Cadwallader, *Music Theory*
Thesis: Multileveled Motivic Repetition
in Selected Intermezzi for Piano of
Johannes Brahms
- Frank Joseph Calzone, *Biology*
Thesis: The Regulation of Protein
Synthesis in *Tetrahymena Thermophila*:
A Quantitative Analysis of the Factors
Determining the Rate of Tubulin
Synthesis and General Protein
Synthesis in Growing, Starved and
Deciliated Cells (September 17, 1982)
- Clark David Chandlee, *Physics*
Thesis: Determination of the Radiative
Decay Width of the K^{*+} (890) Meson
- Ling-I Shirley Chen, *Chemistry*
Thesis: NMR Studies of the Quaternary
Structure of Partially Liganded
Hemoglobin (September 17, 1982)
- Seung Hoon Cheon, *Chemistry*
Thesis: The Total Syntheses of Dauno-
mycinone and Adriamycinone and Their
6-Deoxy Analogs
- John Reed Connors, *English*
Thesis: The Crucifixion in *Paradise Lost*,
Paradise Regained and *Samson Agonistes*
- Yves G. Conturie, *Optics*
Thesis: Development of an XUV
Amplifier
- Jonathan Cowles, *Mathematics*
Thesis: Energy Localization for
Schrödinger Operators Derived from
Quadratic Forms
- Joseph Ralph DeBaise, *Music Composition*
Thesis: George Crumb's *Music for a
Summer Evening*: A Comprehensive
Analysis
- Judy Dering, *Philosophy*
Thesis: Labor, Liberty and Property:
A Critique of the Liberal Theory of
Property of Locke, Nozick, and Rawls
- Thierry Dewandre, *Mechanical and Aerospace
Sciences*
Thesis: Nonlinear Evolution of an
Electron Plasma Wave and Nonlinear
Saturation of the Two Plasmons
Instability in an Inhomogeneous Plasma
(September 17, 1982)
- Loren Harry Dill, *Chemical Engineering*
Thesis: Extensions of Generalized
Taylor Dispersion Theory
(September 17, 1982)
- Darrell David Dobbs, *Political Science*
Thesis: Aristotle's Political Criticism of
Plato's *Republic* (February 4, 1983)
- Thomas M. Donnan, *French Literature*
Thesis: The Role of Richard Wagner in
Marcel Proust's Artistic Eudemonism
- Kokila P. Doshi, *Economics*
Thesis: Micro-Economic Determinants
of Parental Investment in Human and
Non-Human Assets in India
- Michael Dotsey, *Economics*
Thesis: A Study of the Relative Use of
Currency and Demand Deposits
- Oclide José Dotto, *Mathematics*
Thesis: Dilations and Stochastic
Processes
- Kathleen Elnora Duncan, *Biology*
Thesis: Parthenogenetic Reproduction
of Mixed-Clone Colonies of the Aphid
Macrosiphum Euphorbiae (Thomas)
(September 17, 1982)
- Kent J. Evans, *Chemical Engineering*
Thesis: Interphase Mass Transport in
Phase Transfer Catalyzed Reactions
(September 17, 1982)
- Barbara Jo Fisher, *Chemistry*
Thesis: Part I: The Electrocatalytic
Reduction of Carbon Dioxide Using
Macrocycles of Nickel and Cobalt
Part II: The Preparation, Characteriza-
tion and Reaction Chemistry of Some
New Iridium Bis (Tertiary Phosphine)
Complexes
- Elinda Bea Fishman-Kornblith, *Economics*
Thesis: Effects of Devaluation and
Long-Term Commodity Contracts on a
Small Open Economy: Case Study of Fiji
and Sugar
- Linda Flowers, *English*
Thesis: "The Lively Image": Essays on
the Decadence of Renaissance Tragedy
(February 4, 1983)
- Pawel Fludzinski, *Chemistry*
Thesis: Chloroacetylenes as Michael
Acceptors. The Evolution of a Synthetic
Method (February 4, 1983)
- Paul R. Ganci, *Physics*
Thesis: A Study of the Semileptonic
Decays of B Mesons into Electrons
- David Gheva, *Statistics*
Thesis: Biplot Approximate Display of
Contingency Table Analysis
- Maureen Guiffre, *Nursing*
Thesis: Validation of a Visual Analogue
Scale for Pain Measurement in
Childbirth

- Elise Michele Gold, *English*
Thesis: The Art and Artifice of Shelley's Prefaces
- Kerry Scott Gordon, *Psychology*
Thesis: The Development and Validation of a Pre-Psychotherapy Intervention Designed to Increase Patients' Realistic Expectations of Treatment
- Jesse Alan Greene, *Philosophy*
Thesis: Spinoza's Conception of the Physical World
- Jeremy Philip Greenwood, *Economics*
Thesis: Essays in International Finance
- David L. Hardisky, *History*
Thesis: The Rochester General Strike of 1946
- Julie P. Harmon, *Mechanical and Aerospace Sciences*
Thesis: Penetrant Transport in Deformed PMMA (February 4, 1983)
- Nancy Sue Hatfield, *Education*
Thesis: An Investigation of Bilingualism in Two Signed Languages: American Sign Language and Manually Coded English (February 4, 1983)
- Douglas Howard, *English*
Thesis: The Moral Art of Philip Massinger
- Wei-Min Huang, *Statistics*
Thesis: Parameter Estimation When There are Nuisance Functions (September 17, 1982)
- Joey Walter Huston, *Physics*
Thesis: Measurement of the Radiative Decay Width of the Positive RHO Meson
- Ray Clifford Johnson, *Mechanical and Aerospace Sciences*
Thesis: An Extension of a Method of Optimal Design to Systems of Mechanical Elements Having Inter-related Boundary Effects (February 4, 1983)
- Steve Thomas Kacenjjar, *Mechanical and Aerospace Sciences*
Thesis: The Measurement of Fuel pR in Laser Fusion Targets Using Elastically Scattered Fuel Ions (September 17, 1982)
- Michael Howard Kernis, *Psychology*
Thesis: Motivational Orientations, Anger, and Aggression in Males
- Jae-Cheol Kim, *Economics*
Thesis: Three Essays in Models of the Market for Durable Goods
- Margaret Logan King, *Chemistry*
Thesis: Part I. The Total Synthesis of (\pm)-11-Deoxydaunomycinone Part II. New Chemistry for the Synthesis of (\pm)-Podophyllotoxin (September 17, 1982)
- Ai Tee Koh, *Economics*
Thesis: Money Shocks, Deviations from Purchasing Power Parity, and Exchange Controls
- Peng Hong Koh, *Mechanical and Aerospace Sciences*
Thesis: Instability and Transition in the Boundary Layer
- Kenneth Allen Kraft, *Chemistry*
Thesis: Endor Investigations of Powdered Copper Amino Acid Complexes
- Jerry Krassner, *Astronomy*
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- Paul Anderson Toro, *Psychology*
 Thesis: The Strategies and Effectiveness of Three Helping Groups During Marital Disruption
- Laura Ellen Tubbs, *Chemistry*
 Thesis: A Classical Trajectory Model of Heavy Ion Fusion and an Experimental Study of Momentum Transfer in Fission Reactions of 292 MeV ^{20}Ne on ^{165}Ho , ^{181}Ta , ^{197}Au , ^{209}Bi , and ^{238}U . (February 4, 1983)
- Richard Sanborn Valpey III, *Chemistry*
 Thesis: Part 1. A Palladium Catalyzed Route to Spirocycles Part 2. Sequential π -Allyl Palladium Alkylations Part 3. The Synthesis and Chemistry of a Bridgehead Olefin Metal Complex
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 Thesis: From Heroics to Dissent: A Study of the Thought and Psychology of English Nonconformity, 1660-1700, Through Autobiography (February 4, 1983)
- Judith Anne Wathen, *Mathematics*
 Thesis: On the Loops of a Certain Family of Very Nice Spaces (September 17, 1982)
- Robert Edward Wiltenburg, *English*
 Thesis: 'The Subtlest Maze of All': Love and Self-Love in Ben Jonson's Plays and Poetic Collections (September 17, 1982)
- Janice Irene Winer, *Psychology*
 Thesis: An Evaluation of a Planned Short-term Intervention Approach for Children with School Adjustment Problems (February 4, 1983)
- Thomas Richard Zastowny, *Psychology*
 Thesis: Sequential Analysis of Mother-Child Interactions at 48 Months: A Study of Mother-Child Interactions and A Comparison of Developmental Approaches for Children at Risk

SMOKING IS PROHIBITED IN THE EASTMAN THEATRE

The Mace

The mace, originally a weapon of defense, has in modern times become a symbol of authority, dignity, and privilege. English universities have used maces in academic processions for many centuries. The University of Rochester's present mace was first used at the induction of Alan Valentine as president in 1935, and has been used in academic processions since that time.

Philip Merz, designer of many of the architectural features of the early River Campus buildings, designed the University of Rochester's mace. It is approximately four feet in length, and is made of mahogany and hand-wrought silver. On the head is the seal of the University, and below that a silver band on which are engraved the names of the presidents of the University since its founding in 1850. The dandelion, floral symbol of the University, is used as the decorative motif of the silver work. The mace is carried by the University marshal as a symbol of authority. The baton, carried by the associate marshal, is slightly less than two feet in length, and is made of mahogany studded with silver dandelions and stars.

Academic Attire

The distinctive attire of those participating in the academic procession represents a tradition that reaches at least as far back as the fourteenth century when gowns similar to today's became the required dress at many European universities. Gowns were then a common form of apparel for both the clergy and the laity but today they survive chiefly in ecclesiastical or academic ceremonies such as those we shall witness today. The symbolism of the American style of regalia is described below. Variations may be observed in the attire of the graduates of foreign universities and of the several American institutions which have departed from tradition.

The gowns for the three levels of degrees differ primarily in the sleeve. The bachelor's gown has long pointed sleeves and is worn closed. The master's gown is usually worn open and has long square-cut sleeves with slits through which the forearms protrude. The doctor's gown has large bell-shaped sleeves with three velvet crossbars on the upper portion of the arm and velvet trimming down the front of the gown. The mortarboard derives from the Oxford cap and is generally black with a black tassel, although color is sometimes used to indicate the field in which the degree was awarded. Gold tassels denote the holders of doctorates.

The most colorful portion of the academic costume is the hood which varies in length from three feet for bachelor's degrees to four feet for doctorates. The color of the lining indicates the institution which granted the degree. The University's color is yellow. For the nine colonial colleges the colors are: Harvard, crimson; William and Mary, green, gold, and silver; Yale, blue; Pennsylvania, red and blue; Princeton, orange and black; Columbia, light blue and white; Brown, brown; Rutgers, scarlet; and Dartmouth, green and white. Space does not permit listing the colors of all the colleges represented in the procession. The color of the edging of the hood indicates the discipline to which the degree pertains, for example: Arts, Letters, and Humanities, white; Commerce, Accounting, and Business, drab; Dentistry, lilac; Education, light blue; Engineering, orange; Law, purple; Medicine, green; Music, pink; Nursing, apricot; Philosophy, dark blue; Science, golden yellow; and Theology, scarlet.

THE GENESEE



Tho' man-y fair and fam - ous streams Be-neath the sun there
As flows the riv - er, gath-ering force, A - long her stead-fast



be, Yet more to us than an - y seems Our own dear Gen - e - see. We
way, May we a-long life's dev-ious course Grow stronger day by day. And



love her banks and state- ly falls, For to our minds they bring Our
may our hearts where'er we roam For - ev - er loy - al be To



dear old Al-ma Ma - ter's halls, Where sweet-est mem-ories cling.
our be-lov-ed col - lege home Be - side the Gen - e - see.

—Words by T. T. Swinburne, Class of 1892 Music by Herve D. Wilkins, Class of 1866