THE UNIVERSITY OF ROCHESTER

ONE HUNDRED AND NINETEENTH ANNUAL

COMMENCEMENT CEREMONIES

SUNDAY, JUNE EIGHTH NINETEEN HUNDRED SIXTY-NINE
In keeping with the nature of the ceremonies and in order that all may see and hear without distraction, it is requested that those in attendance refrain from smoking and conversation during the ceremonies and from moving onto the floor to take photographs. Your cooperation will be greatly appreciated.

An *asterisk* preceding the name indicates that the degree is conferred subject to the completion of certain requirements.
COMMENCEMENT HYMN

O Mater academiae Rochesterensis, te
Quae nobis tanta munera dedisti libere
Nunc salutamus, agimus nos tibi gratias,
Et semper te laudabimus cui nomen Veritas.

O Mater, quam cognovimus per laeta tempora,
Quae demonstrasti omnibus laboris gaudia,
Quae "Meliora" indicas, excelsa præmia,
Ad cælum omnes incitas, tu Mater splendida!

O Mater ave, salve, tu, vale, carissima!
Nos juvat jam in exitu dulcis memoria.
Per vias duc nos asperas semper ad optima;
Mercedes da perpetuas, bona caelestia!

1907 —JOHN ROTHWELL SLATER

English translation of Commencement Hymn

O Rochester, our college mother, who hast
freely given us so great gifts, we salute
thee now, we thank thee, and will ever
praise thee, whose name is Truth.

O Mother, whom we have learned to know
during happy years, who hast shown to
all of us the joys of labor, who dost point
the way to the "better things," the highest
rewards; thou dost urge us all toward the
skies, thou Mother with a shining face!

Hail, Mother, welcome and farewell, thou dearest
one! 'Even now as we leave thee a sweet memory
comforts us. Through the rough pathways of
life lead us always to the things that are best.
Give us the wages that endure, the heavenly treasures!

THE GENESEE

Tho' many fair and famous streams
Beneath the sun there be,
Yet more to us than any seems
Our own dear Genesee.

We love her banks and stately falls,
For to our minds they bring
Our dear old Alma Mater's halls,
Where sweetest memories cling.

As flows the river, gathering force,
Along her steadfast way,
May we along life's devious course
Grow stronger day by day.
And may our hearts where'er we roam
Forever loyal be
To our beloved college home
Beside the Genesee.

—Words by T. T. Swinburne, '92 Music by Herve D. Wilkins, '66
The Mace

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

It was designed by Philipp Merz, designer of many of the architectural features of the early River Campus buildings. 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, symbolic of the University, is used as the decorative motif of the silver work. It is carried by the University marshal as a symbol of authority. The baton, carried by the assistant 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.
Commencement Committee

John Braund
Kenneth E. Clark
Cecil E. Combs
James O. Dungan
Jack A. End
Eleanor Hall

Walter Hendl
Robert G. Loewy
Don W. Lyon
Vincent Nowlis
J. Lowell Orbison, M.D.
Donald A. Parry

Daniel J. Patrylak
Harmon S. Potter
S. D. Shirley Spragg
Kenneth R. Varner
Carlyle F. Whiting
Kenneth F. Wood

Faculty Marshals

David T. Blackstock
Robert M. Boynton
John M. Brophy
D. Lincoln Canfield
Richard F. Eisenberg
Victor M. Emmel, M.D.
Joseph W. Gavett
Richard M. Gollin
Myron J. Gordon

Donald R. Grinols, M.D.
Norman G. Gunderson
Ralph N. Haber
Harold C. Hodge
Howard C. Horsford
Johannes H. B. Kemperman
John J. Montean
William B. Muchmore
Vincent Nowlis

Marjorie C. Pfaudler
John F. Randolph
Donald Reiff
Elmer H. Stotz, M.D.
Robert G. Sutton
Robert V. Sutton
Millard Taylor
Herbert B. Voelcker
Mary Wemett

Student Marshals

College of Arts and Science

Alan Ira Abramowitz
Phyllis Jo Baunach
Ronna Cheryl Burger
Frances Cooper

Alan Aaron Finder
James Tanguay Flick
Stuart Bruce Mushlin
Seth Robert Reice

David Elliot Scheim
Yasuko Shiojiri
Karen Sorvari
Jeremy Ross Winick

College of Business Administration

John Carleton Chapman
Charles Arthur Dowd, Jr.

Stuart Mark Geschwind
Robert Terry Haas

Louis Luke Massaro
Leonard Schutzman

College of Education

Susan Gifford Clapp
Mary Jane Clarey

Paul Pierce
Linda A. Scott Syrell

Joan Rae Vigushin
Frances Speir Walters

College of Engineering and Applied Science

Thomas P. Agliata
Albert George Choate

Brian Charles Kullman
John William Magowan

Thomas L. Mahelek
Richard Jennings Sodeman

University School of Liberal and Applied Studies

Hortense Marie Clancy
Edward M. Granger

Lloyd Gray
Marie Patricia Hammill

Harvey Lipsher
Robert Arthur Perko

Joan Rae Vigushin
Frances Speir Walters
STUDENT MARSHALS (continued)

Eastman School of Music

Mary Bickel
Vivien Goh
Ellen DeMille Hoffman
Donald Pistolesi
Douglas A. Nelson
Elizabeth Young

School of Medicine and Dentistry

Thomas A. Bonfiglio
Nancy Lee Covell
Margaret Anne Donegan
Ardythe Jane Newman
Stephen Kellogg Plume III
Richard R. Ranney
Maria Smith
Wilfred Edward Soppe, Jr.

University Council on Graduate Studies

Helen Lucille Frost
Samuel J. Gibbs
B. Randall McClellan
Bruce Wittmaier
Commencement Ceremonies
W. Allen Wallis, President, Presiding

The University of Rochester Commencement Ensemble
Conducted by Professor Hunsberger

Commencement Fanfare
Howard Hanson

Canzona
Peter Mennin

Processional
The audience is requested to be seated after the placing of the colors and while the academic procession enters

Commencement Hymn
John Rothwell Slater
Directed by John C. Braund

Invocation—Robert H. Beaven, A.B., B.D., M.Litt., Ph.D.

Address—Edward H. Levi, Ph.B., J.D., J.S.D., LL.D.

Conferring of Baccalaureate Degrees
Candidates of the College of Arts and Science
Presented by Dean Clark

Candidates of the Eastman School of Music
Presented by Assistant Director Patrylak

Candidates of the Department of Nursing
Presented by Professor Hall

Candidates of the University School of Liberal and Applied Studies
Presented by Dean Dowd

Candidates of the College of Engineering and Applied Science
Presented by Dean Loewy

Candidates of the College of Education
Presented by Acting Dean Combs

Candidates of the College of Business Administration
Presented by Dean Meckling
CONFERRING OF MASTER'S DEGREES
Candidates for Master's Degrees  Presented by Deans Raimi and Barlow

CONFERRING OF DOCTORAL DEGREES
Candidates for the Degree Doctor of Medicine  Presented by Dean Orbison
Candidates for the Degree Doctor of Education  Presented by Acting Dean Combs
Candidates for the Degree Doctor of Musical Arts  Presented by Assistant Director Patrylak
Candidates for the Degree Doctor of Philosophy  Presented by Dean Spragg

THE EDWARD PECK CURTIS AWARD
FOR EXCELLENCE IN UNDERGRADUATE TEACHING
HERBERT BERNHARDT VOELCKER, JR.  Presented by University Orator Bernard N. Schilling

CONFERRING OF UNIVERSITY CITATIONS TO ALUMNI
CYNTHIA ALLEN HART, R.N. '46
NEVIN STEWART SCMISHAW, M.D. '45  Presented by University Orator Bernard N. Schilling

CONFERRING OF HONORARY DEGREE
EDWARD H. LEVI  Presented by University Orator Bernard N. Schilling

PRESENTATION OF CLASS OF 1969—GIFT
Presented by Robert A. Miller, President, Class of 1969

THE GENESSEE  T. T. Swinburne, '92; H. D. Wilkins '66
Directed by John C. Braund

RECESSONAL
THE AUDIENCE IS REQUESTED TO REMAIN IN PLACE
UNTIL STUDENTS AND FACULTY HAVE LEFT THE AUDITORIUM
BUSES MAY BE BOARDED AT THE GIBBS STREET EXITS FOR THE RIVER CAMPUS
AND AT THE MAIN STREET EXITS FOR THE MEDICAL CENTER.
Diploma Ceremonies

For the Baccalaureate and Master's candidates in the College of Arts and Science ceremonies will be held at 2:15 in the locations indicated below:

College of Arts and Science

<table>
<thead>
<tr>
<th>Department</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>Harkness 320</td>
</tr>
<tr>
<td>Biology</td>
<td>Dewey 114</td>
</tr>
<tr>
<td>Biology-Geology</td>
<td>Dewey 307</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Lattimore 109</td>
</tr>
<tr>
<td>Economics</td>
<td>Harkness 210</td>
</tr>
<tr>
<td>English</td>
<td>Todd West</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>Fine Arts Library</td>
</tr>
<tr>
<td>Foreign &amp; Comparative Literature</td>
<td>Main Reference Room—Library</td>
</tr>
<tr>
<td>Geological Sciences</td>
<td>Dewey 307</td>
</tr>
<tr>
<td>General Science</td>
<td>Dewey 206</td>
</tr>
<tr>
<td>History</td>
<td>Hoyt Hall</td>
</tr>
<tr>
<td>Languages &amp; Linguistics</td>
<td>Welles Brown Room—Library</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Morey 321</td>
</tr>
<tr>
<td>Music</td>
<td>Music Lounge—Todd</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Harkness 315</td>
</tr>
<tr>
<td>Physics &amp; Astronomy</td>
<td>Bausch &amp; Lomb 109</td>
</tr>
<tr>
<td>Political Science</td>
<td>Harkness 114</td>
</tr>
<tr>
<td>Psychology</td>
<td>Women's Gym</td>
</tr>
<tr>
<td>Sociology</td>
<td>Harkness 206</td>
</tr>
<tr>
<td>Statistics</td>
<td>Dewey 221</td>
</tr>
</tbody>
</table>

For the Baccalaureate and Master's candidates in the other schools and colleges ceremonies will be held at 3:15 in the locations indicated below:

<table>
<thead>
<tr>
<th>School</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Business Administration</td>
<td>Lower Strong Auditorium</td>
</tr>
<tr>
<td>College of Education</td>
<td>Upper Strong Auditorium</td>
</tr>
<tr>
<td>College of Engineering and Applied Science</td>
<td>Hoyt Hall</td>
</tr>
<tr>
<td>Department of Nursing</td>
<td>Whipple Auditorium—Medical Center, Rm. K-213</td>
</tr>
<tr>
<td>Eastman School of Music</td>
<td>Eastman Theater</td>
</tr>
<tr>
<td>School of Medicine and Dentistry (Master's)</td>
<td>Medical Center, Room R-110</td>
</tr>
<tr>
<td>University School of Liberal and Applied Studies</td>
<td>Women's Gym</td>
</tr>
</tbody>
</table>

Commencement Reception

Graduates and guests are cordially invited to the Commencement Reception. President and Mrs. Wallis will receive graduates and their families in the Welles-Brown Room of Rush Rhees Library.
Honorary Degree

Edward Hirsch Levi

Rare is the man indeed, who must inevitably accept that most perilous calling of modern times: the presidency of an American institution of higher learning. Yet such was the manifest destiny of Edward Hirsch Levi that the choice for 8th president of the University of Chicago fell without question upon his name alone. Obtaining his entire education at Chicago from the age of five when he entered the University's Laboratory School, he continued through College and the School of Law, achieving honors at every step along his triumphant way. After completing his professional training at Yale, he continued from an inheritance of the rabbinical tradition as a student and teacher of Law, and after wartime service with the U. S. Department of Justice, he became successively Dean, Provost, and finally President of the university he had loved so well. With the example of his own brilliant attainments in legal scholarship, he combined a phenomenal judgment of ability in other men with the arts of persuasion carried to well nigh supernatural dimensions. He strengthened the University's faculty by the addition of scholars and scientists of the greatest distinction, until he could assert with a proud disdain that there are no average professors at Chicago. Certain of a respect from his associates bordering upon veneration, his leadership has achieved a union of law and the behavioral sciences, a steady continuation of the University's role in redevelopment of the surrounding neighborhood, and a reorganization of the undergraduate college that releases once again the pioneering energy and boldness of conception that have marked the history of Chicago from its founding days. As befits the sworn enemy of all clichés, as president he has announced a policy of relentless self-criticism while the University goes forward in the search for truth and the transmission of intellectual values. And now, the U of R, happy in its friendship for the University of Chicago, and with admiration for his greatness as educational statesman and champion of the life of reason, summons Edward Hirsch Levi to this moment of honor.
Alumni Citations

CYNTHIA ALLEN HART

Cynthia Allen Hart, distinguished leader of the nursing profession, has led others into the ranks of her noble calling by first achieving its ideal in her own career. Meanwhile her constant activities in support of the League of Women Voters, of family planning, of the National Association for the Advancement of Colored People, and the University of Rochester Alumni Federation have displayed her versatile energy, her untiring labor in the cause of education and public welfare. Her alma mater, ever grateful for loyal service in its cause and proud of her achievements, now happily acknowledges her lifelong devotion to the corporal works of mercy.

NEVIN STEWART SCRIMSHAW, M.D.

Eminent authority on the ecology of malnutrition, Nevin Stewart Scrimshaw has mastered a discipline vital to the welfare of young children and to the conquest of dangers that threaten the successful evolution of developing countries. For 12 years director of the Institute of Nutrition in Central America and Panama, now Chairman of the Department of Nutrition and Food Service (? Science ?) at MIT, this gifted student of biology and medicine has contributed on a vast scale to the literature of his subject and to the solution of one of the most awesome problems that face his own and the coming generations of men.

Award for Excellence in Undergraduate Teaching

HERBERT BERNHARDT VOELCKER

From the time of Plato to the age of T. S. Eliot, philosophers and poets have lamented that between theory and fact, the word and the deed, the idea and the form, there falls the shadow. In the education of modern engineers, the danger threatens lest elegant theoretical analysis remove itself too far from actual problems and so have no bearing on reality. To the solution of this difficulty Herbert Bernhardt Voelcker, zealous champion of the role of digital computers in modern university education, has devoted the full resources of his energy and learning. Trained for his profession in the University of London, he brought to the University of Rochester a vast command of engineering theory and remarkable skill in forwarding the personal and educational development of his students. A lecturer of poise and sophistication, he has not attained his great popularity as a teacher by concessions to that most prevalent of the capital offenses, the sin of Sloth. His standards are high, he demands promptness and thoroughness, he is a miser, parsimonious of grades in A, while he invites and accepts unbiased criticism of his own performance.

That a professor should keep an open door; that every student should be compelled to test the assumptions underlying the theory of engineering; that experimental dilemmas ostensibly insoluble will yield when teacher and student confront them together: such are the convictions that have governed the career of Herbert Voelcker, and that proclaim the merit now to be rewarded by the University of Rochester's 8th annual Edward Peck Curtis award for excellence in undergraduate teaching.
Honor Societies

**Elected in Junior Year**

**PHI BETA KAPPA**

Alan Ira Abramowitz
Jean Elisabeth Abramson
David Avram Adler
Beverly Ann Areson
Kermit Everett Barker, Jr.
Phyllis Jo Baunach
Judith Anne Berman
Patricia Janis Bonomo
Harold James Brown, Jr.
Sandra Cullen Brunson
Ronna Cheryl Burger
Alfred Eric Buxton
Sharon Marie Cerny
Patricia Candy Crown
Marilyn Elizabeth Donahue
Robert Douglas Dubrow
Arnold Michael Epstein
Joan Eve Epstein
Marc David Erlitz
William Lewis Ferrar
Alan Aaron Finder
Donald Roy Fishman

Louis Fishman
James Tanguay Flick
June Eloise Fusner
Stuart Mark Geschwind
Kenneth Alfred Goettel
Bonnie Lee Gold
Peter Frederick Goldscheider
Jane Blackwell Goodson
Germaine Joan Gwynn
Marie Patricia Hammill
Lois Susan Hecht
Howard Steven Honig
Hewitt Robert Lang
Richard Arthur Lauderbaugh
Judith Winifred Levy
Joan Caroline Long
Susan Kay Lord
John William Magowan

Elected to Full Membership in 1969

Lawrence Lai Chung Chik
Richard D. Lentz
Rabindra N. Mohapatra

Elected to Associate Membership in 1969

Alvinash R. Karnick
James Jay Kuhns

Elected to Full Membership in 1969

Barry Zion Rose
Robert L. Sanderson

Elected to Associate Membership in 1969

Nien-tsyr Tsai

**SIGMA XI**

Rabindra N. Mohapatra

**Elected in Junior Year**
Honor Societies (continued)

**ALPHA OMEGA ALPHA**

Neal L. Benowitz
Werner A. Bleyer
Thomas A. Bonfiglio
Robert Olsen Crapo
Ronald Eugene Feldman
Robert William George
Chester Joseph Herman
Judith M. Kleinman
Brian Robert Murphy
John Lee Stauffer
Ira Bruce Tager
Mark Holcombe Weinstein
Lee Alan Witters

**BETA GAMMA SIGMA**

Don Baylis Allen
Leon A. Banks
David Besenfelder
Douglas Corti
Charles Arthur Dowd, Jr.
Charles Vincent Ferraro
**Stuart Mark Geschwind**
Nelson Grabenstetter
**Bruce M. Greenwald**
Louis Luke Massaro
Wheller Dean Maynard
Susan Jo McMeekin
Warren H. Neff
Richard L. Pettit
Rodney E. Post, Jr.
Robert J. Roman
Stephen Sackmary
Leonard Schutzman
Brentley L. Smith
Peter B. Stock
Nicholas D. Trbovich
**John R. Wilson**

**TAU BETA PI**

Robert Lawrence Kettig
Brian Charles Kullman
Alan Perry Laskin
John William Magowan
Gordon Eugene Presher, Jr.
Alfred Robert Rudolph
Howard Vipler
Stephen Andrew Zahorian

**Elected in Junior Year**
Prizes and Awards

RIVER CAMPUS COLLEGES

The Dewey Prize, awarded to the man in the sophomore class whose original expository or persuasive speeches exhibit the highest excellence in content, organization, style and delivery—James Robert Occhino

The Stoddard Prize in Mathematics, awarded to two students pursuing the course in analytic geometry and calculus—Sanford Steven Hirschhorn and Marie Angela Vitulli

The N. B. Ellison Prize, awarded to the man in the senior class concentrating in history who has done the best work in that department—Howard Steven Honig

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

The Jesse L. Rosenberger Prize, awarded to the man in the junior class whose work has shown the greatest improvement during his freshman and sophomore years—Stephen David Benin

The Rigby Wile Prize in Biology, awarded to members of the freshman or sophomore class for proficiency in Biology 101 and/or 102—Barbara Ann Bush

The Chester A. Dewey Scholarship of $150, awarded for proficiency in biological work provides free tuition at the summer session of the Marine Biological Laboratory at Woods Hole, Massachusetts, or at any other recognized biological laboratory—Alan J. Tolchin

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

The Susan Colver Rosenberger Prize, awarded to the woman in the junior class whose work has shown the greatest improvement during her freshman and sophomore years—Mary Lou Oster

The John Dows Mairs Prize, awarded to the member of the junior class who has done the best work in concentration in economics—James Lerer Wolf

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—Victor Alan Becker

The Hull Prize, awarded to the man in the senior class concentrating in English who has done the best work in English studies—George William Savran

The Charles L. Newton Prize, awarded to a student in the applied sciences who shows a special proficiency in that area, either in oral or written examinations or by thesis—John William Magowan
The Elizabeth M. Anderson Prize, awarded to that senior who shows the highest proficiency in some subject connected with art—
Art History—Ellen Jane Citron   Studio Arts—Barbara Ann Diamond

The William Morse Hastings Prize is awarded each year for the best essay or thesis upon some topic on the history of industry, to be selected by the Chairman of the Department of Economics and the Dean of the College of Business Administration—Stephen Albert Skinner

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—David L. Drum

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—Lee Clark Mitchell

The Theta Eta Prize, awarded to the woman in the senior class who through her participation in campus life and by her influence, personality, and achievement has contributed most to the River Campus—Frances Cooper

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—Arnold Michael Epstein

The Townsend Fellowship, awarded in alternate years to the student who has shown the highest ability in the work of the Department of Political Science—Alan Ira Abramowitz

The Hugh McKenzie Prize, awarded each year to the freshman women who have shown the highest achievement and interest in a history course—Ruth Froma Goldberg and Deborah Miriam Passow

The Percy B. Dutton Prize, awarded to the man in the senior class who, in the opinion of the Dean of Students, has exceeded all his men classmates in wholesome, unselfish, and helpful influence among his fellow students—Laurence Thelen Lorenz

The Fannie R. Bigelow Award, presented to the undergraduate women in recognition of the importance of the contributions made by women to the cultural, intellectual, and civic life of their communities—Frances Cooper and Elizabeth Ferries

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—Brian Charles Kullman

The Susan B. Anthony Prize, awarded to the women whose original expository or persuasive speech exhibit the highest excellence in content, organization, style and delivery—Elizabeth Julia Berry
    Deborah Joan Harris (tie)

The Marie Petz Lehmann Prize, awarded to the mechanical engineering major who has shown the most improvement from his freshman through his junior year—Nancy Jo Littleton
The Neil C. Arvin Memorial Prize, awarded to the senior who has excelled in French during her undergraduate course—Roberta Medwin

The Louis A. Alexander Alumni Award, presented to the man in the senior class who has made an outstanding contribution to student life through his significant achievements in athletics and general student activities, and whose character and leadership qualities have been a wholesome influence on his fellow students—David Robert Taylor

The Russell Mumford Tuttle Prize, awarded each year to a male student for proficiency in the study of Greek—Sander Michael Goldberg

The Joseph A. O'Connor Graduate Study Endowment Fund Award, presented to a woman in the senior class who has shown marked ability in English literature, in classical languages and literature, or in archeology—Marion Kleinschmidt

The Donald R. Charles Memorial Award, originating from funds subscribed by students, colleagues and friends of Professor Charles, is given annually to a worthy student who, in the judgement of the Department of Biology, shows promise of a kind which Professor Charles so regularly encouraged and aided. The award provides a sum to cover limited expenses or tuition costs for an undergraduate or graduate student who wishes to carry on advanced studies, or some special project, during the summer months. In special cases the award may be made for a period within the academic year—John William Hambley

The Quality Control Award, given to a student in the College of Business Administration or the College of Engineering and Applied Science who has demonstrated exceptional ability and interest in the field of quality control—Louis Luke Massaro

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—Linda Lucy Spremulli

The Delno G. Sisson Prize, awarded to the freshmen who have shown significant achievement not only in college work but in adjusting to university life and the student body—Deborah Mullen and Jerylle Marie Kemp

The Andrew Fried Memorial Prize, awarded to the man who, upon completion of his freshman year, has shown outstanding qualities of character, superior moral judgement, and interest in serving his fellow students—Leslie C. Levidow

The Haskins & Sells Foundation Award, given to a senior majoring in accounting on the basis of scholastic excellence as well as personal traits—Stuart Mark Geschwind

The Superior Scholarship Award, given to the senior majoring in accounting who has the highest academic standing in all accounting courses and the greatest potential for success in the profession of certified public accounting—Stuart Mark Geschwind
The Lattimore Prize Scholarship for Geology Field Study, awarded to an undergraduate majoring in geology—Priscilla Nelson

Dean’s Prizes in Creative Writing, awarded by the College of Arts and Science annually in the categories of the short story, the poem, and the one-act play—

first prize in poetry—(tie) Howard Horowitz and Helane Caryl Levine
second prize in poetry—Carol Anne Novack
first prize in fiction—Mary Ann Satter

Catherine Block Memorial Prize, awarded to a junior girl in any field of science as recognition of outstanding ability and achievement—Pamela Marie Foley

The Hamilton Watch Award, presented to the senior candidate for the Bachelor of Science degree who has most successfully combined proficiency in his major field of study with achievements—either academic, extra-curricular or combination of both—in the social sciences or humanities—Seth Robert Reice

The Michael Lowenstein Memorial Award, presented to a University of Rochester undergraduate who has deepened student, faculty, and community awareness of existing social and political problems and tensions, and who, through his words and actions, has striven to promote the ideals which Michael cherished—Jerome Sanford Schwartz

EASTMAN SCHOOL OF MUSIC

The Howard Hanson Prize, for the best composition performed at the Spring Symposium—Paul Palombo

The Louis Lane Prize, for an outstanding work from the Spring Symposium of orchestral compositions—Stephen Whiton DeWitt

Performer’s Certificates

David M. Arenz, In Violin
Robert Frank Becker, In Percussion
James Alan Birk, In Piano
Frederick Thomas Boyd, In Trombone
John-Paul Bracey, In Piano
Lewis James Buckley, In Trumpet
John Coleman Campbell, In Organ
Ann Elizabeth Dale, In Flute
Annette Davies, In Piano
Mario Pedro Falcão, In Harp
Richard Lawrence Field, In Viola
Vivien Goh, In Violin
Robert Edward Goodberg, In Flute
James Allen Gorton, In Oboe
Bradford Paul Gowen, In Piano

Ellen DeMille Hoffmann, In Bassoon
Cheryl Virginia Hussey, In Voice
Dorothy Hall Lewis, In Violoncello
Philip Klein, In Viola
Nan Ellen Orthmann, In Flute
Stephen J. Paulson, In Bassoon
Donald Pistolesi, In Violoncello
William Henning Read, In Voice and Opera
Diane Karen Seufert, In Violin
Larry Smith, In Organ
Suzanne L. Troxell, In Voice and Opera
Glenn K. Uejio, In Clarinet
Gilbert Vickers, In Bassoon
Dan Edward Welcher, In Bassoon
SCHOOL OF MEDICINE AND DENTISTRY

The Doran J. Stephens Prize, awarded by the alumni of the School of Medicine to a graduating medical student who shows promise of developing the personal and professional qualities that distinguished the late Dr. Doran J. Stephens, a graduate of the first class of the school—John Lee Stauffer

The Borden Undergraduate Research Award in Medicine, awarded to the member of the graduating class who has carried out the most meritorious research in the medical field—Alan Laurence Cowles

The Bryce Collier Prize, awarded to a medical student whose performance demonstrates exceptional qualities of responsibility and devotion in the compassionate and understanding care of the sick—Werner A. Bleyer

The Obstetrics-Gynecology Award for Scholarship, awarded to a fourth year medical student who shows promising qualities of scholarship in the field of obstetrics-gynecology as demonstrated by excellence in the clinical setting, by research in the field of human reproduction, or by both—Werner A. Bleyer

The Benjamin Rush Prize in Psychiatry, awarded to a fourth year medical student who has given evidence of unusual promise of creative scholarship in the field of psychiatry by clinical scholarship, by participation in research, or both—David Mark Schachter

The George V. Metzger Award, to a graduate student in the Department of Radiation Biology and Biophysics whose doctoral dissertation is judged to be of exceptional quality—Samuel Julian Gibbs

DEPARTMENT OF NURSING

The Clare Dennison Prize, awarded yearly to the senior student who has shown the most outstanding proficiency in general nursing care—Rhea Keller Fox

The Dorothea Lynde Dix Prize, awarded annually to a graduating student for high scholarship and outstanding skills demonstrated in the basic course in Psychiatric Nursing—Catherine Collins Wolchok
Candidates for Degrees
THE DIVISION OF HONORS STUDIES OF THE COLLEGE OF ARTS AND SCIENCE

BACHELOR OF ARTS—WITH HIGHEST HONORS

Lois Susan Hecht, Political Science
Lee Clark Mitchell, English
Michael Ira Stolzar, History
Charles William Westland, Sociology

1 also Distinction in Spanish

BACHELOR OF ARTS—WITH HIGH HONORS

Eva Gun Asher, Linguistics
Alan Aaron Finder, History
Steven Allan Goldberg, History
Howard Steven Honig, History
Richard Arthur Lauderbaugh, History
Seth Robert Reice, Biology
Terence Edward Suchma, History

BACHELOR OF ARTS—WITH HONORS

Phyllis Jo Baunach, History
Stephen David Benin, History
Daan Braveman, Political Science
Robert Jay Breiman, History
William David Gilson, Sociology
Paul Michael Gordon, History
William David Grand, History
Donald Terrance Jones, History
John Gerson Levi, History
James Mark Litton, History
Jerrold Samuel Rosenberg, History
Joan Carol Ross, History

1 also High Distinction in Psychology
2 also Distinction in Classics
3 also majoring in Psychology
4 also Distinction in Political Science
BACHELOR OF ARTS—with Highest Distinction

David Avram Adler, Psychology
James Tanguay Flick, Physics
Roberta Medwin, French

David Elliot Scheim, Mathematics
Rose Anne Schrader, English
Jane Phyllis Wolheim, Spanish

BACHELOR OF ARTS—with High Distinction

Alan Ira Abramowitz, Political Science
Beverly Ann Areson, Linguistics
Patricia Janis Bonomo, Russian
Harold James Brown, Jr., French Literature
Sandra Lee Cullen Brunson, Biology
Ronna Cheryl Burger, Philosophy
Alfred Eric Buxton, Biology
Sharon Marie Cerny, Psychology
Patricia Candy Crown, French Literature
Arnold Michael Epstein, Political Science
Donald Roy Fishman, Biology
Arthur William Fox, Psychology
June Eloise Fusner, Chemistry
Harold James Brown, Jr., French Literature
Sandra Lee Cullen Brunson, Biology
Ronna Cheryl Burger, Philosophy
Alfred Eric Buxton, Biology
Sharon Marie Cerny, Psychology
Patricia Candy Crown, French Literature
Arnold Michael Epstein, Political Science
Donald Roy Fishman, Biology
Arthur William Fox, Psychology
June Eloise Fusner, Chemistry
Kenneth Alfred Goettel, Geology
Richard Jay Handler, English

1also distinction in Mathematics
2also majoring in History
3also distinction in General Science

BACHELOR OF ARTS—with Distinction

Jean Elisabeth Abramson, Mathematics
Karen Mary Adams, English
Richard William Albin, Psychology
Alan David Arkawy, Physics/Mathematics
Kermit Everett Barker, Jr., Mathematics
Stephen Michael Barolksy, Biology
Ronald James Beckwith, Economics
Bruce Douglas Browner, Philosophy
Richard John Brzustowicz, Jr., Chinese Literature
Philip Roger Bukberg, Chemistry
Michael Lee Calvete, Political Science
Ellen Jane Citron, Art History
Nancy Carolyn Clever, Psychology
Richard Morton Coan, Philosophy
Betsy Jane Cooper, Psychology
Bruce Allen Copeland, Psychology
Wendy Scott Craytor, Psychology
Barbara Ann Diamond, Studio Arts
Marilyn Elizabeth Donahue, Biology
Nancy Elizabeth Durand, Biology

Elaine Andrea Dutka, Political Science
Ronnie Lynn Edelman, Philosophy
Joan Eve Epstein, Psychology
Jack Fenigstein, Political Science
Ernest Angel Fornaris, Chemistry
William Macy Glasner, Psychology
Bonnie Lee Gold, Spanish
Neil David Gold, Political Science
Judith Ellen Golden, Political Science
Arnold Jay Goldman, Biology
Peter Frederick Goldscheider, Political Science
Marilyn Joan Green, Psychology
Howard Joel Hankin, Linguistics
Beth Anne Hoffmann, Psychology
George Robert Hood, Psychology
Fern Diane Howe, Economics
Sally Jean Jansen, Biology
Martha Symonds Kincaid, Biology

1also majoring in History
2also majoring in History
The Bachelor of Arts—with Distinction (continued)

Benjamin Chapman Kirkup, Jr., Mathematics
Stephen Alan Klein, Psychology
Audrey Maxine Konow, Biology
Linda Leighton Korka, Psychology
Steven Roy Koval, General Science
Laurie Beth Laitin, Psychology
Mark Allen Lebowitz, Economics
Judith Winifred Levy, English
Susan Kay Lord, Mathematics
Alec Duncan MacCall, Biology
Valerie Jeanne Ryder, Mathematics
Sylvia Marja Salenius, Political Science and Studio Arts
Carol Ellen Sanderson, Psychology
Jeffrey Alan Shapiro, Political Science
Douglas Wayne Shearer, Mathematics
Beatrice Ann Simundza, Music
Paul Richard Singer, Biology
Marcia Ann Skromak, Political Science
Katherine Ruth Smith, Political Science
Edwin Albert Spath, Chemistry
Howard Ray Spivak, Biology
Leslie Lorraine Stocklein, Chemistry
Geoffrey Wayne Tobias, Biology
Adam Urbanski, Political Science
Ellen Margaret Vaughan, General Science
Russell Avery Ward, Chemistry
Merri Iris Weingarten, Psychology
Mary Jane Westervelt, Geology
Douglas Keith Wilcock, Economics
Larry Blaine Wilcock, Mathematics
Joel Alan Yellin, Biology

1 also majoring in Physics
2 also majoring in History

Bachelor of Arts

*Marilyn Lorraine Abbey, History
Judith Paulis Abrams, Spanish Literature
*Theimann Herbert Ackerson, Psychology
Linda Chaffee Agar, History
Norman Darryl Ainslie, General Science
Karen Linnea Anderson, History
Nicholas Thornton Clark Apollonio, Spanish
Margery Sue Appelbaum, History
*Lewis Jolliffe Archer, Biology
*Nancy Jean Barnes, English
*Wayne Dwight Barnes, History
Lawrence Barth, Economics
Phyllis Ruth Basson, Psychology
Michael Bayer, History
*Barbara Jean Beake, General Science
Diane Irene Beck, Psychology
*Terry Michael Beck, Russian
*Irmgard Judith Becker, English
Victor Alan Becker, History and Studio Arts
Dennis J. Beer, History
Barbara Ellen Bell, Biology
Lauren Ann Benevich, Anthropology

An asterisk indicates the degree is conferred on completion of work
BACHELOR OF ARTS (continued)

Judith Laureen Benham, Chemistry
Carolyn Berger, Philosophy
*Judith Anne Berman, Psychology
Rita Elizabeth Bernatowicz, Studio Arts
David Alexander Bernsohn, Philosophy
Jay B. Bernstein, Economics
*Charlotte Ellen Berry, English
*Betty Ann Bilder, Sociology
Peter Michael Bluhm, General Science
Daniel Marc Blumkin, Biology
Robert Anthony Boccaccio, Jr., Psychology
Richard Charles Boise, Psychology
*Stephen Wayne Borrus, Biology
Lynn Anne Bortnick, Music
Margaret Mary Bouley, English
Barbara Anne Boychuk, English and History
Robert Patrick Brady, Political Science
Linda Mae Breakey, Psychology
Richard Walsh Breartont, History
Steven Louis Bressler, English
Sylvia Marie Briggs, Russian Literature
Ronnie Bring, Linguistics
John Ellsworth Brokaw, Psychology
Arden Bronstein, General Science
Susan McConnell Brown, History
Douglas Robert Burgess, English
Linda Kay Cadzow, History
Lawrence Robert Cahill, History and Political Science
Linda Lee Calandra, History
Anthony Gesell Cantrick, History
*Jeanne Irma Cappella, Psychology
Paola Marie Cappelletto, Psychology
Kay Ellen Carleton, Anthropology
*Patrick Lewis Castilla, History
Robert Vincent Castrovinci, Biology
*Nadine Ruth Catalfano, Russian
*Isaiah Changa, History
David Paul Chernicoff, Biology and Psychology
*John Chipemere, History
Octavio Robert Chirino, Biology
Gerald Walter Chodak, Chemistry
Michael Lawrence Cirrincione, History
Mary Allison Clark, Economics

Steven Wallace Clay, History
Alan Lawrence Cohen, Philosophy
*Edith Deborah Cohen, French Literature
Gale Maureen Cohen, Biology
George Ellsworth Coling II, Biology
*Helen Louise Conway, Psychology
Robert Sheldon Cook, Economics
Frances Cooper, History
*Lenore Beatrice Cooper, History
Gene Robert Corbman, Psychology
Norman Francis Corey, English
Judith Anita Cropks, Biology
George Robert Cross, Mathematics
Edward Young Crossmore, Political Science
*Charles Bart Cummings, Psychology
Christine Marie Helene Dauvergne, French Literature
*Arthur Turner Davidson, Jr., General Science
*Harriet Elaine Davidson, French Literature
Michael Glenn Davis, Psychology
Michael Steven Davis, Political Science
*Benjamin Morgan Dawson, Psychology
*Terry Malone Del Rosso, History
*Cynthia Maud De Palma, History
Charles Anthony DiCecia Biology
Kathleen Marie DiFiore, Psychology
*Robert John Donough, Mathematics
Daniel Budd Dubovsky, Psychology
*Robert Douglas Dubrow, General Science
Penelope Jane Dutton, English
*William Joseph Eckert, General Science
Richard James Edsall, General Science
Rick Charles Eglit, History
Ann Oelbaum Ehrcke, History
Neil Michael Ellison, Biology
Caryn Anne Elly, Psychology
Betty Lee Engel, Art History
Linda Jo Engel, Psychology
*Bernard Englander, History
Carol Bette Epstein, Art History
*Marc David Erlitz, History
John Arthur Fabre, Biology
Elliott Henry Farberman, General Science
*Carol Jeanne Farnsworth, Psychology
THE COLLEGE OF ARTS AND SCIENCE

BACHELOR OF ARTS (continued)

Alan Stuart Feld, History
Stephen Harold Feldman, Biology and Political Science
*William Lewis Ferrar, General Science
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Abby Susan Fisch, Psychology
*Ellen Sydney Fox, History
Samuel Goldstein Fox, History
Susan Elizabeth Franks, History
Guil Ethel Freiday, History
Joan Pamela Freiman, Political Science
Bernard David Freydberg, History and Philosophy
*Joseph Pinchos Frolkis, History and Psychology
Madeleine Cora Fuchs, History
*Kimiko Fukushima, Chemistry
Patricia Anne Furlong, German Literature
Jane Gabrielle, English
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Ronald James Ganim, History
Margery Ann Ganz, History
*Robert Irwin Gardner, History
Richard John Gaudio, Economics
Robert Morris Geiger, History
Ronald Douglas Geiger, Studio Arts
Lawrence Jay Gelber, History
*Richard Sanford Genca, English
Joan Marie Gerhardt, Psychology
Kathleen Rumrich Gilbert, Psychology
*Sara Lonstein Gilbert, Psychology
Jennifer Holman Gillespie, History
*Lynn Helen Gilmor, Philosophy
Ann Barbara Gilman, Russian
Donna Loraine Gindes, Psychology
John Brian Ginnetti, General Science
Margaret Anne Gioseffi, History
Marc Bruce Glassman, Sociology
*Michael Phalen Gleason, History
Michael H. Glines, Biology
Allan Theodore Goldberg, Political Science
Jeffrey Lee Goldberg, Philosophy
*Robert Harris Goldberg, History
*Gary Richard Goodman, General Science
*Jane Blackwell Goodson, French Literature
Judith Ellen Gould, Philosophy
Marlynn Mata Gould, History
Valerie Kathryn Graeff, French
Susan Beatrice Grainger, History
Edmund Cox Grant, History
Andrea Quinela Tinlot Green, Psychology
John Paul Green, Anthropology
Donald Warren Greenblatt, Psychology
Elwood William Greene, Mathematics and Physics
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Susan L. Ferrant Gunkler, Statistics
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Frank Donald Hale, Psychology
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*Ellen Frances Heit, Studio Arts
*Ronita Sue Heller, Psychology
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Robert Andrew Hillman, History
Diane Marian Hirsh, Studio Arts
Diane Carolyn Hoag, General Science
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David Lawrence Hollis, Biology
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Eric Harold Holtzman, Philosophy
*Howard Horowitz, History
*Marlin Glenn Howard, Political Science
Alvah Kermit Howe, Jr., History
BACHELOR OF ARTS (continued)

*Michele Ann Ferleger Hudon, French Literature
Juliana H. Huenl, French
*Carol Sue Wiggles Hulslander, Psychology
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Gerard Jay Hunter, General Science
William Thomas Hyde, General Science
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*Lawrence Alan Kudlow, History
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*Hewitt Robert Lang, Biology
Steven Dennis Lasser, History
*John Charles Lawson, History
Sandra Kay Lee, History
*James Raymond Leff, Biology
Judith Gaye Lefkowitz, History
Lawrence Peter Leichman, History
Ronald Dennis Leidenfrost, Biology
Robert Martin Leiderman, Psychology
*Russell Keith Lemack, General Science
Ronald Edward Lepes, History
Jeffrey Allen Leppo, Biology
*John Frank Levey, Studio Arts
*Howard Arthur Levin, Political Science
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Diana Vivian Ley, Psychology
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Lawrence Walter Lipman, History
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*John Duncan Lloyd, Chemistry
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Laurence Thelen Lorenz, Economics
Robert Joseph Lunn, History
*John Lawrence Ashton Lyddane, History
*Karen Jean Lyng, Anthropology
David Michael Lyons, History
David John Mack, English
Laura Maria Macy, English
David Michael Mallach, Political Science
James Michael Mangano, Jr., Political Science
*Blanca Noemi Masor, Psychology
*Hugo Norberto Masor, Psychology
Mary Myers Mathews, History
*Edward Stewart McCullough, Jr., Economics
Patricia Ann McGregor, Mathematics
Weston Saunders McKane, General Science
*James Thomas McKinlay III, Political Science
Bruce Douglas McLean, Music
Gene Barry Mechanic, Political Science
Martin Kenneth Melman, Biology
*Richard Jay Meltz, English
Richard Meltzer, English
Karen Marie Metica, English
*Michael John Joseph Meteyer, English
David Dilkes Mettee, Studio Arts
Charles Bruce Meyer, Psychology
*Marcia Epstein Meyer, Philosophy
BACHELOR OF ARTS (continued)

*Janet Elaine Meyers, History
Caroline Rogers Miller, History
David Richard Miller, Psychology
*Harrison Miller, Chemistry
Robert Allen Miller, History
*Alan Steven Moak, General Science
Deborah Ann Monroe, Studio Arts
Martha Elaine Morenstein, History
*Susan Mary Anne Morganti, Political Science
Enid Helen Moses, French Literature
Barbara Louise Moss, Mathematics
Marvin Gary Moss, Economics
*Agrippah Mugomba, Political Science
John Patrick Nagle, Psychology
Barbara Ann Nassau, Economics
Arlene Ruth Nathanson, Psychology
*Elizabeth Marion Neuwirth, Psychology
Charles Donald Nicholls, Jr., General Science
*Howard Daniel Noble, Studio Arts
Timothy Thomas Nostrant, Biology
*Carol Anne Novack, Chinese Literature
Martha Bond O'Connor, Chemistry
Kathryn Beth Olsen, Music
Steven Oltuski, Political Science
Marcia Janice Orkin, Psychology
Michael Alan Ornstein, General Science
Mary Lou Oster, Biology
Mary Kipp Ostrander, Economics
*Mary Margaret Otis, Linguistics
*Leah Ann Ouellette, History
Nuran Ozkirim, Economics
Karen Leslie Surman Paley, English
*Donna Partigan Palmer, English
Sue Ellen Paret, Psychology
*Albert Charles Edward Parker, History
Pamela Jean Pearson, History
Marcia Catherine Perrins, Psychology
Edward Lee Perry, Art History
Peter Michael Persell, Political Science
*Nancy Ellen Peters, English
Salvatore Philip Pilato, Linguistics
Diane Michele Plasser, Psychology
Roberta Ann Plutzik, English and History
Sabine Angela Poetzsch, French Literature
*Karyn Ruth Poleyeff, Philosophy
*Ellen Sue Polkowitz, English
*James Lawrence Porter, Psychology
Christina Mia Poschmann, History
*Guy Carlyle Prentice, Jr., Psychology
*Kitty Ann Fox Price, General Science
Norman Lee Prollier, History and Poltical Science
*Edward Thomas Purcell, Jr., Mathematics
Mary Linda Ann Quinn, Psychology
Loretta Ann Rainish, Mathematics
Susan Mary Rasmus, History
Stephan Jay Rechtschaffen, General Science
John Patrick Reed, Biology
*Eric Alan Reiner, Biology
Margaret Ann Reynolds, History
*Donald Scott Rich, History
David Ellis Richheimer, Psychology
Mark McMaster Rider, Political Science
*Ellen Gordon Robertson, Spanish Literature
*Mary Margaret Robinson, English
Ellen Howard Rooney, Russian
Lee Robert Rosenbaum, Chemistry
Bruce Carlton Rosenthal, History
Anthony James Rossi, History
*Deborah Beth Adler Rothenberg, English
*Elaine Miriam Rubenstein, English
*Roxanne Isobel Rubin, French Literature
Frederick Joseph Ruder, Jr., English
Janet Allan Rueither, Psychology
*Roberta Marie Salvini, Biology
Mary Ann Samuelson, English
*Susan Kathleen Sander, History
Allen Herbert Sanders, History
Cynthia Ann Santell, General Science
Merilyn Sapiro, History
Barbara Sarfatti, History
*Leonard Terry Sass, History
Frank Charles Schell, General Science
Gilbert Bruce Scherfer, Psychology
Elliot Schildkrout, History
Ann Katharine Schrader, History
Philip Michael Schreiber, History
Elaine Evelyn Schueler, Spanish
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<td>*Frederick Thaler</td>
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<td>Rose Anne Elizabeth Thomas</td>
<td>Political Science and Geological Sciences</td>
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<td>English</td>
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<td>*James Steven Thompson</td>
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<td>History and Sociology</td>
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<td>Roger Ransom Valkenburgh, Jr.</td>
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<td>Susan Elizabeth Weeks</td>
<td>English</td>
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<td>Rita Laurencia Weiss</td>
<td>Music</td>
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<td>*Richard Mark Wernick</td>
<td>Mathematics</td>
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<td>Ellen Paula Wessler</td>
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<td>Donald Henry West</td>
<td>History</td>
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<td>Katherine Mary Whalen</td>
<td>Art History and History</td>
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<td>Eric Coventry Wheel</td>
<td>History</td>
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<td>Cynthia Kay White</td>
<td>Biology</td>
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<tr>
<td>Daniel Frederic White</td>
<td>Psychology</td>
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</table>
Bachelor of Arts (continued)

Carol Ann Whitford, Political Science
James Martin Wilock, Mathematics
David Wakely Wilson, History
Jeffrey Thayer Wilson, History
Mark Neil Wind, Psychology
Anton S. Witzel, English
*Arnold Sidney Wolfe, English
William Stanley Wolinski, General Science
Jed Blair Wolkenbreit, Political Science
Paul Alan Wolman, History and Art History

Alvin Randolph Wood, General Science
Cassell Wood, Jr., History
Susan Wood, History
Virginia Elizabeth Worner, History
Steven Paul Wyner, Biology and Psychology
*Robert James Wynne, History
Robert Alan Yanover, English
Dwight Koon Chew Yim, Chemistry
Robert Wisner Young, History
Jan Toby Zlotnik, English
THE UNIVERSITY OF ROCHESTER

BACHELOR OF SCIENCE—with Highest Distinction
Stuart Allan Raby, Physics
Donald Charles Winter, Physics

BACHELOR OF SCIENCE—with High Distinction
Louis Fishman, Chemistry
Roger Thomas McCleary, Chemistry
Jeremy Ross Winick, Chemistry

BACHELOR OF SCIENCE—with Distinction
John Lloyd Brunson, Physics
Charles Jay Cohen, Physics
Benedict Feinberg, Physics
David Rawles Herrick, Chemistry
David Delbert Lawrence, Physics
Thomas James McIntosh, Physics
Seth Rosenbaum, Chemistry
Sheridan Alan Simon, Astrophysics
David James Wilbur, Chemistry

Chemistry as Major
Frank Joseph Eismont
Ross Albert Lee
*Stephen Ellery Stein
James Hunter Thirtle, Jr.
Mark Allen Thorn
James Michael Wardell

Physics as Major
*Forrest Wakefield Holroyd
Gary Lynn Kinsland
*Earl James O’Neil, Jr.
*James Scouras
Gordon Lewis Spencer
Stephan Alan Yedinak

Astrophysics as Major
Glenn Howard Reagan

Biology-Geology as Major
Mary Ellen Heiman
Gregory Neil Murray

*An asterisk indicates the degree is conferred on completion of work.
MASTER OF ARTS

Hideyuki Adachi, Economics
Hope Weld Adamson, English
April Paula Anson,
Foreign and Comparative Literature (French)
Thomas Joseph Aubrey, Mathematics
Richard J. Babin, Political Science
Martha E. Frenkel de Barrena Guzman,
Languages and Linguistics (Linguistics)
John Morris Barry, History
John Earl Bassett, English
Melvin W. Beal, Philosophy
Gordon Richard Beck, History
Michael Irving Berger, History
Kenneth A. Bergstresser, Jr., Mathematics
Philip John Boland, Mathematics
John Paul Bonin, Economics
Ruth Macaulay Bowen, Fine Arts
Ann Carol Brown, Psychology
Stephen Paul Brown, Political Science
William Morris Bush, Mathematics
Diane Maureen Carder, Foreign and
Comparative Literature (German)
Leticia L. Castillo, Mathematics
Bruce William Chambers, Fine Arts
Wey-tyng Chang, Mathematics
Jen-i Chen, Physics
Nancy Shi-Lo Chen, Economics
Judith Ann Cook, English
Robert Alan Craven, Physics
Sandra Farnham Daniel,
Foreign and Comparative Literature (French)
John Edmonds David, Mathematics
George E. Drakos, Economics
Joseph Peter Duran, Mathematics
Stuart B. Ewen, History
Marilyn K. Fookson, History
Alan Frost, English
Allison B. Girod, Mathematics
Judith Goberman,
Foreign and Comparative Literature (French)
Martin J. Gottlieb,
Foreign and Comparative Literature (French)
Roger Quentin Gram, Physics

Marsha A. Green, Foreign and
Comparative Literature (French)
Anna B. Gross,
Languages and Linguistics (Linguistics)
Sue Ellen Harrison,
Foreign and Comparative Literature (French)
Elizabeth Bennetts Hessel, Physics
Richard Dale Holben, Physics
Gregory Robert Johnson, Physics
Rae Madge Kanner,
Foreign and Comparative Literature (French)
John David Kaufmann, History
James Joseph Kelly, English
O-Hoe Kim, Mathematics
R. Christopher Klemm, History
William Louis Lama, Physics
Eric Landau, Economics
Judith Leah Lansky,
Foreign and Comparative Literature (French)
Jack Chao-sheng Lee, Economics
Ming-Jung Lee, Mathematics
Philip Bridgman Lind, Political Science
Mary Elizabeth Lipscomb, Fine Arts
Zacharia Rasello Manare, Mathematics
Joseph J. Marchesani, English
Veronica Massey,
Foreign and Comparative Literature (French)
James J. Merlihan, English
Bobby Eugene Mills, Sociology
Wendy Adrian Montroll,
Foreign and Comparative Literature (French)
Mary M. Moorad, English
Gumma V. Murty, Economics
Takashi Natsume, Economics
Marlene Green Nicoil, Economics
David Franklin Noble, History
John Thomas O'Brien, History
Ellen Orfinger, Mathematics
Gabriel Kayode Oyanna, Physics
Amala Indrajit Parekh, Physics
Andrea G. Patrick,
Foreign and Comparative Literature (French)
Cynthia Gail Patridge, History
Robert E. Pawlowski, History
THE UNIVERSITY OF ROCHESTER

MASTER OF ARTS (continued)

Gail Perkins,  
*Languages and Linguistics (Linguistics)*  
Ilona Peters,  
*Foreign and Comparative Literature (French)*  
Mohan Vinayak Phatak, *Economics*  
Lawrence Steven Pinsky, *Physics*  
Vera Barbara Profit,  
*Foreign and Comparative Literature (German)*  
Gail Ellen Raimi,  
*Languages and Linguistics (Linguistics)*  
Walter Read, *Mathematics*  
Nicholas E. Rehler, *Physics*  
Joseph W. Rinehart, *English*  
Lynn S. Rosen, *English*  
Steven Ellis Ross, *Economics*  
James C. Runyon, *Mathematics*  
Ingrid Saalfrank,  
*Languages and Linguistics (Linguistics)*  
Ajit S. Sabharwal, *Economics*  
Sushama Sabharwal, *Economics*  
Christine H. Schilling,  
*Foreign and Comparative Literature (French)*

Bruce Eliot Searleman, *Economics*  
Yasuko Shiojiri, *English*  
Elizabeth Neary Sholl, *English*  
H. David Shuster, *Political Science*  
Ellen A. Singer, *History*  
Karen Christine Sorvari, *English*  
Sergiu Streja Strumingher,  
*Foreign and Comparative Literature (French)*  
David P. Sugarman,  
*Languages and Linguistics (Linguistics)*  
Arlene Carol Toub,  
*Foreign and Comparative Literature (French)*  
James Robert Tucker, *Political Science*  
Mabel Susana Visbeek,  
*Foreign and Comparative Literature (French)*  
Linda M. Vollbracht, *History*  
Judith R. Walkowitz, *History*  
Jane R. Whiting, *History*  
Caroline Hsiao Wood, *Foreign and*  
*Comparative Literature (Chinese)*  
Carolyn Diane Wool,  
*Foreign and Comparative Literature (French)*  
Bruce Chapman Woolley, *History*

MASTER OF SCIENCE

Thomas A. Babcock, *Chemistry*  
Josephine Kay Campbell, *Geology*  
Paul Patrick Cleary, *Biology*  
Stephen Jay Egemeier, *Geology*  
Shu-Jen Wu Huang, *Chemistry*  
Ardean Leith, *Biology*  
Arthur Howard Lerit, *Chemistry*  
Lin Gun Liu, *Geology*  
Dale Grant Pillsbury, *Chemistry*  
Fred D. Rosenberg, *Physics*  
Jitendra Saxena, *Biology*  
Mei-fong Wang, *Biology*  
Fusako Yamauchi, *Chemistry*
The College of Business Administration

BACHELOR OF SCIENCE—with High Distinction
Stuart Mark Geschwind, Accounting

BACHELOR OF SCIENCE—with Distinction
John Carleton Chapman, Accounting
Louis Luke Massaro, Management Science

BACHELOR OF SCIENCE

Accounting as Major
Stuart Jay Barish
Ronald Ralph Bartholomew
Karl Burland Christofferson
Robert Sheldon Cook
Ruth Marie Halling
                    *Dave B. Hooper
Robert Michael Gagan
Robert Terry Haas
David William Hills
Eung Han Kim
Peter Hendrick Lamb
Roger David Levy

Management Science as Major
William David Arnstein
Ralph Pierce Baker III
William Thompson Bisset
Lawrence Rogers Bumpus
John Anthony DeFina
Walter Reid Foertsch
                    Richard Slade Pugach
Carl Robert Reynolds
Michael Edward Rubinstein
Robert Arthur Vosburgh
Judson Chase McGowan
Douglas Thomas Meteyer
Robert Joseph Petrillo
Linda Kay Reinschmidt
Richard Badenoch Stephens, Jr.

Business Economics as Major
Robert Hayward Boorman, Jr.

MASTER OF SCIENCE

James P. FitzMorris
Peter L. Waasdorp

MASTER OF BUSINESS ADMINISTRATION

Don Baylis Allen
S. Balasubramanian
Leon A. Banks
Frank G. Beddick
Raymond H. Beers
Harald S. Berge
David Eugene Besenfelder
Benjamin S. Blanchard, Jr.
Gettie Adair Blocker
Harold A. Bock
William Macdonald Campbell
John Francis Caparrelli

Steven Richard Carpenter
Douglas Taylor Conti
Robert Perley Crockett
Albert C. Crofton
Bruce Houck Crowder
Harry M. Dahl
Richard Lavern Dehm
Charles Arthur Dowd, Jr.
Charles Vincent Ferraro
William J. Friel
Peter V. Gardner
George E. Gautney, Jr.

D. Henry Giberson
Brian Anthony Giles
Gordon Kenneth Goldman
Robert E. Gores
Nelson Grabenstetter
Harold Mitchell Graham
Ujjwal Gupta
John Brownlea Hall
Robert W. Hampton
Sigmund J. Hart
John P. Heller
Roberto B. Hernandez

*An asterisk indicates the degree is conferred on completion of work.
MASTER OF BUSINESS ADMINISTRATION (continued)

Edward P. Hoffman
Richard C. Holcomb, Jr.
Robert Dennis Howen
Benjamin W. Iris III
Alvie Bouton Kidd
Richard J. Klein
John R. Link
Alan Sanford Lobel
Thomas E. Lynch
John E. Maier
Anthony David Manne
Robert E. Mayer
Wheeler Dean Maynard
Robert P. McCullough
Sarsfield S. McNulty
Glen P. Meade
Renard Michael Mercurio
George Ralph Michaels
Felix N. Millecan
Albert W. Miller, Sr.

John Eugene Mooney
Kenneth J. Muller
Blaine G. Murphy
Warren H. Neff
David Glenn Newton
Joseph R. Nunn
Denis Joseph O'Leary
Richard L. Pettit
Rodney E. Post, Jr.
Peter Christian Reed
Robert J. Roman
George Joseph Rubin
Stephen M. Sackmary
John Campbell St. Clair
Lawrence J. Sass
Robert Charles Schickofke
Leonard Schutzman
Scott Morgan Scudder
Brentley L. Smith

Gabriel Paul Sparagana
Russell Earl Stingel
Peter B. Stock
Douglas Lannin Stolz
Sarosh P. Sukhia
Peter J. Tarrant
Milton Tatelbaum
Fay E. Tolman
Kenneth Noel Traub
Nicholas Daniel Trbovich
Thomas Joseph Urbelis
Howard Thomas Vanderwerf
Richard Lansing Wade
Frank M. Wallenberg
Charles J. Walter
Robert M. Weinstein
William S. Whittaker
Bennie James Wilson III
John R. Wilson
Albert E. Winters

CERTIFICATES IN THE EXECUTIVE DEVELOPMENT PROGRAM
(awarded for 1968)

Don Baylis Allen
Raymond H. Beers
Harold A. Bock
John P. Caldwell
Albert C. Crofton

John M. Dennee
William J. Friel
George E. Gautney, Jr.
D. Henry Giberson
James S. Gleason

Nelson Grabenstetter
Robert W. Hampton
Wheeler Dean Maynard
Warren H. Neff
Lawrence J. Sass

CERTIFICATES IN THE EXECUTIVE DEVELOPMENT PROGRAM
(awarded for 1969)

Leon A. Banks
Frank G. Beddick
Benjamin S. Blanchard, Jr.
Donald E. Boyd
William Mac Donald Campbell
*Edward P. Curtis, Jr.
Richard Lavern Dehm
Peter V. Gardner

John P. Heller
*William Freeman Jenness
Richard J. Klein
John R. Link
John E. Maier
Robert P. McCullough
Sarsfield S. McNulty
Felix N. Millecan

Albert W. Miller, Sr.
Robert J. Roman
Russell Earl Stingel
Milton Tatelbaum
Nicholas D. Trbovich
*Kenneth W. Woodward, M.D.
The College of Education

BACHELOR OF SCIENCE—with High Distinction
Mary Jane Clarey

BACHELOR OF SCIENCE—with Distinction

<table>
<thead>
<tr>
<th>Maran Beth Adlerstein</th>
<th>Beatrice Ann Hartog</th>
<th>Susan Jean Telfeyan</th>
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<td>Kathleen Suzanne Bahr</td>
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BACHELOR OF SCIENCE

Education as Major

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<th>Beth Rodehaver</th>
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<td>Ann Meyrich</td>
<td>Frances Speir Walters</td>
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<td>Linda Ann Resnick</td>
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MASTER OF ARTS

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<td>Zina Nikitina Koval</td>
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<td>Robert Thomas Fitzgibbon</td>
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<td>Constance L. Lee</td>
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<td>Robert C. Gears</td>
<td>Carolyn J. Leinster</td>
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<td>Holly Gilstead</td>
<td>William George Leo</td>
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<td>Carolyn Elizabeth Grieve</td>
<td>Joan S. Lewis</td>
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<td>Betty Lou Zellers Bumpus</td>
<td>John Wendell Griffith</td>
<td>Ernest McFadden</td>
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<td>Janet Ingalls Burchett</td>
<td>Linda G. Grinnell</td>
<td>Bernice McGovern</td>
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<td>Martin H. Conheady</td>
<td>Margaret Rowe Harrison</td>
<td>Grady Garfield Miles</td>
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<tr>
<td>Bonnie J. Conrad</td>
<td>Lynne Hélène Holcomb</td>
<td>Joy Folkman Moss</td>
</tr>
</tbody>
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*An asterisk indicates the degree is conferred on completion of work.
Ann Tiffany Mullikin
Beatrice Burger Nagle
Margaret L. Partridge
Dolores M. Pasarin
Dorothy R. Pecoraro
Dorothy B. Phillips
Alice Jones Roberson
Marvin C. Sachs

Thelma M. Seuffert
Molly Abramow Shafer
Susan H. Siemens
Marsha Ann Smith
John Taylor Sutton
Lucia Talley
Jane Leas Thomas
Gail W. Tobin

Lee E. Truesdale
Robert J. Van Loon
Barbara K. Vreeland
Ann Weintraub
Suzanne Simonds Wells
June Miller White
Victor Owen Yates

J. David Benenati
Zacarias Joao Cardoso
Donald W. Cashen
Jing-Jy Chen
J. Thomas Conlon
Mary Virginia Crowder
Dorothy M. Donley
Carol Ann Dorsey
Catherine M. Dudley
Richard C. Duguay
W. Bryan Dunn
Jean Erbelding Dutcher
Marjorie Eltzroth
Helen Kellock Fortune
Sister Mary Irene Gardner
Ovitta Sue Gardner
Gilbert C. Gockley
Leo Victor Good
David Clark Henderson
Sister Ida Holzbauer
Helen G. Ingerson

Betty Jane Jaenike
Edward W. Jennings
Boyce O. Jones
John P. Jones
Lee Roy James Jones
Albert N. Lenhardt
Richard Vernon Lent
Sallyann L. Lindsay
Andrew Steven Lippa
Joy Lukens
Joan Lipscomb Marr
William A. Mastin, Jr.
Arthur Robert Maurice
Donald H. McKean
Ben Anthony Mulé
Glorian Mulligan
Sumico Shimizu Nagai
Helen G. Neighbor
Jean H. Nelson
Albert Nicoletti
William E. Perry

Paul F. Pierce
Tanya R. Plutzik
Archibald D. Provan
Ellen Lynn Reitkopp
Carol Rohner Rickard
Anne McCabe Schafer
Dolores Gray Schwartz
John Henry Seehafer
Robert James Shoup
Ralph Smeda
Charles F. S. Stamm
Roslyn Berkowitz Stein
Ron L. Sunderland
Gilbert Alvin Sweet
Linda A. Scott Syrell
Donald Campbell Taggart III
Kenneth Russell Tintinger
Gail W. Tudman
Alex Tyskohynsky
Benjamin Edward Ventura
Lester James Zoller
DOCTOR OF EDUCATION

John Matson Burroughs, B.S., State University of New York at Geneseo, 1961; M.S., State University of New York at Brockport, 1966
Thesis: The Style of Behavior of the Chief School Administrator and Administrative Subordinate Integration in the Educational Setting

Robert V. Carlson, B.S., State University of New York at Buffalo, 1954; M.S., State University of New York at Brockport, 1961
Thesis: An Assessment of the Relationship of Two Selected Personality Variables to the Participative Behavior of Elementary School Teachers in Small Group Meetings

Charles Warren Case, B.S., LeMoyne College, 1963; M.S., Syracuse University, 1965
Thesis: An Analysis of the Public School Teacher’s Role Regarding Racial Integration and the Public Schools

William DeLee Churchill, A.B., Colgate University, 1941; Ed.M., Alfred University, 1951
Thesis: A Case Study Approach to the Investigation of Parental Influence on the Vocational Attitudes and Values of Adolescent Males

Stuart Jay Cohen, A.B., University of Pennsylvania, 1963; A.M., Boston University, 1964
Thesis: Teachers' Verbal Feedback and Performance of Lower and Middle Class Students

John Dale Cotnam, A.B., Syracuse University, 1957; M.S., 1962
Thesis: Variance in Self-Report Measures of Disadvantaged Young Adults as a Function of Race and Stated Purpose of Testing

Betty Lou Davis, A.B., Keuka College, 1965; Ed.M., The University of Rochester, 1967

James Nelson DeNio, A.B., University of Cincinnati, 1960; Ed.M., The University of Rochester, 1965
Thesis: Attitudes of Medical Students and Physicians Towards Cancer Obtained with a Behaviorally Defined Instrument

Chester LeRoy Dexheimer, A.B., Hobart College, 1955; A.M., Columbia University, 1958
Thesis: The Administrative Ethics of Chief School Administrators: A Study in Accommodation

Thomas Msebe Tanda Dube, A.B., University of South Africa, 1958; M.S., C. W. Post College of Long Island University, 1963
DOCTOR OF EDUCATION (continued)

Steven E. Goodman, B.S., State University of New York at Brockport, 1960; A.M., University of Scranton, 1965
Thesis: An Analysis of the Role of the Teacher-Coordinator in a Work-Experience Education Program for Potential School Dropouts

L. William Heinrich, A.B., Amherst College, 1953; Ed.M., Cornell University, 1955
Thesis: A Descriptive Study of a Cooperative Urban-Suburban Pupil Transfer Program

Fred J. Hitti, A.B., St. John's University, 1954; A.M., Brooklyn College, 1957
Thesis: The Reliability and Concurrent Validity of Objective Spelling Tests With and Without Optional Items

Edward Elwyn Kennedy, B.S., Mansfield State Teachers College, 1957; B.D., Colgate Rochester Divinity School, 1960; Ed.M., The University of Rochester, 1963
Thesis: An Exploration of Secondary School Teachers’ Perceptions of Grading Practices and Existing Relationships with Selected Teacher Characteristics

Thesis: An Examination of the Interrelationships of Stress, Dogmatism, and the Performance of a Stressful Task

Marjorie E. Lehman, B.S., Roberts Wesleyan College, 1953; M.S., State University of New York at Brockport, 1956
Thesis: An Investigation of the Effects of Two Methods of Instruction and Teacher Experience on the Reading Achievement of Selected Third Graders Attending Summer School

George A. Lombart, A.B., The University of Rochester, 1951; Ed.M., 1952
Thesis: The Administrations of Herbert S. Weet and James M. Spinning, Successive Superintendents of Schools in Rochester, New York, 1911-1954

Florence Elizabeth Moody, B.S., State University of New York at Geneseo, 1954; M.S., Syracuse University, 1961
Thesis: The Differential Effects of Teacher Comments on College Females’ Achievement as Measured by Test Performance

Homer John Nahabetian, A.B., University of Michigan, 1956; A.M., The University of Rochester, 1966
Thesis: The Effects of a Leader’s Upward Influence on Group Member Satisfaction and Task Facilitation
DOCTOR OF EDUCATION (continued)

Thesis: A Monte Carlo Comparison of Gain Score Analysis, Adjusted
Posttest Score Analysis, and Analysis of Covariance

Arthur J. Schneider, B.S., State University of New York at Brockport, 1951;
M.S., 1958
Thesis: An Investigation of the Relationships between
Self Concept of Ability, Achievement, and Level
of Occupational Aspiration Among Ninth Grade Boys

Arthur Franklin Terry, Jr., B.S., State University of New York at Buffalo, 1955
Thesis: An Investigation of the Relationship Between the
Mathematics Achievement of Sixth Grade Students
Under the Direction of the Teacher in the Self-
Contained Classroom and the Teacher Specialist

Paul Constantine Violas, A.B., The University of Rochester, 1959; A.M., 1966
Thesis: Academic Freedom and the Public School 1930-1960

Harriett Jayne Vogan, B.S., Cornell University, 1958; M.Ed., University of Virginia,
1962
Thesis: William James Revisited with Implications for
Contemporary Phenomenology

Charles E. Walker, A.B., The University of Rochester, 1937; Ed.M., 1949
Thesis: The Effect of Variations in Test Administration
Conditions on Arithmetic Test Performance

Roger Weir, A.B., State University of New York at Albany, 1956; M.S., The Penn-
sylvania State University, 1958
Thesis: Factors Related to Norm-Violating Behavior in a
Middle-Class High School

Michael Weisberg, B.S., State University of New York at Brockport, 1963; Ed.M.,
University of Rochester, 1965
Thesis: A Study of the Relationships Among High School Learning
Environments, Student Needs and Academic Achievement

Warren Stephen Williams, A.B., Hobart College, 1964; Ed.M., The University of
Rochester, 1967
Thesis: Measuring the Meaning of Personality Test Items to Fifth Grade
Children from Different Socioeconomic Groups

Alice Holloway Young, B.S., Bennett College, 1944; Ed.M., The University of
Rochester, 1957
Thesis: A Description and Analysis of Reported Reasons for
Voluntarily Involving Children in a Pupil Transfer
Program in the Rochester Public Schools
The College of Engineering and Applied Science

Bachelor of Science—with Highest Distinction

Brian Charles Kullman, Mechanical Engineering
John William Magowan, Chemical Engineering

Bachelor of Science—with High Distinction

Robert Lawrence Kettig, Electrical Engineering

Bachelor of Science—with Distinction

Albert George Choate, Optics
Gordon Eugene Presher, Jr., Electrical Engineering
*Richard Jennings Soderman, Electrical Engineering
Stephen Andrew Zahorian, Electrical Engineering

Bachelor of Science

Mechanical Engineering as Major
Edward Oliver Allen II
Alan Lee Brauer
Kenneth Irwin Gluckman
John Frederick Lauth
Ernest Douglas Levinson
Dale Fred Marshall
Kurt Eric Nystrom
Duane Louis Piede
Anthony James Rossi
Dale Fred Marshall
Kurt Eric Nystrom
Duane Louis Piede

Chemical Engineering as Major
James Earl Baumgardner
Bruce Joseph Brocka
Richard Vincent Calabrese
Larbi Ben Kaddour El Bouhnini
Richard Donald Sullivan
Bruce Joseph Brocka
Richard Vincent Calabrese
Larbi Ben Kaddour El Bouhnini
Richard Donald Sullivan

Optics as Major

*Mark Howard Dublin
Kimball Straw

Electrical Engineering as Major
Joseph John Argento
John Hallowell Dunlap
Philip Allan Graham
*Edwin Eugene Hartquist
Robert Lee Hernandez
*William Joseph Hewitt
Frederick Alan Hussong
Arthur Scott Kegelman
Theodore Raymond Lapp
Alan Perry Laskin
*Robert George Phillips, Jr.
Thomas Joseph Policano
Alfred Robert Rudolph
Howard Vipler
Robert Hall Wallis
*Carol Ann Walter

*An asterisk indicates the degree is conferred on completion of work
MASTER OF SCIENCE

J. S. Agarwala, Electrical Engineering
Thomas Peter Agliata, Optics
Prathima Arakere, Electrical Engineering
Nausheer Jal Avari, Electrical Engineering
N. Balasubramanian, Optics
Steven Charles Bergman, Electrical Engineering
John Henry Carosella, Optics
Chyuan-Chung Chen, Chemical Engineering
Fang Chu Chen, Mechanical and Aerospace Sciences
Bruce M. Cleveland, Electrical Engineering
Walter Thomas Collins, Mechanical and Aerospace Sciences
George Dubé, Optics
Frank James Dumont, Optics
John Karl Elberfeld, Electrical Engineering
Gerald D. Ferguson, Optics
Orin Queal Flint, Jr., Electrical Engineering
Anshoo Sudhir Gupta, Electrical Engineering
Douglas Henry Harrison, Optics
Dale Arthur Holmes, Optics
William F. Hutchings, Mechanical and Aerospace Sciences
Anil K. Jain, Electrical Engineering
Edward H. Kleiner, Electrical Engineering
Mohan R. Koparkar, Mechanical and Aerospace Sciences
Frederick William Kremkau, Electrical Engineering
Milton Russell Latta, Optics
Alan Donn Maddaus, Mechanical and Aerospace Sciences
Thomas L. Mahalek, Chemical Engineering
Edward Wayne Markowski, Chemical Engineering
Lemuel Edward Mauldin III, Optics
Donald Dale Nord, Optics
Michael Gerald O’Donnell, Electrical Engineering
Frederick Lawrence Paillet, Mechanical and Aerospace Sciences
Kun E Park, Electrical Engineering
Rajendra V. Patel, Chemical Engineering
Ravi Prasad, Chemical Engineering
Alton Frederick Riethmeier, Electrical Engineering
Richard A. Rosner, Electrical Engineering
Peter Alan Saltz, Electrical Engineering
Rajesh Saxena, Electrical Engineering
Kasargod Prabhakar Shenoy, Mechanical and Aerospace Sciences
Reuben Shuker, Optics
Charles E. Smith, Mechanical and Aerospace Sciences
Joseph Stasko, Electrical Engineering
John A. Stubbe III, Optics
William John Taylor, Electrical Engineering
David W. Vollmer, Optics
Victorio T. Wee, Chemical Engineering
Thomas P. Wilhauck, Optics
Gerald Francis Woolever, Electrical Engineering
Martin Ross Zalonis, Electrical Engineering
The University School of Liberal and Applied Studies

BACHELOR OF SCIENCE—with High Distinction
General Studies as Major

Marie Patricia Hammill
Kathleen Jo McLean

BACHELOR OF SCIENCE—with Distinction
General Studies as Major

Cameron Swain Foote
Lloyd Edward Gray
Robert Arthur Perko

BACHELOR OF SCIENCE
General Studies as Major

Cynthia Ann Alhart
Heinz Robert Bach
*Ann Nicholson Baker
James Albert Baker
*Patricia Lee Ballinger
James Sylvester Bartlow
Joseph Anthony Basso
*Kenneth Richard Battaglia
Gerald Wayne Bayer
*Herbert Black
*Nancy Patricia Woodward
Blackmun
Elizabeth Cardy Boehner
Ronald David Bouchard
Thomas Elmer Brei
Rebecca Louise Brewer
*James Capparell
*James Ernest Cavallieri
Maria Chela Chikueka
Hortense Marie Clancy
Jo Burgoyne Cone
*Robert Dee Cravens
Catherine Marie Cross
Raymond Michael Cusato
*Edward James Cuthbertson
*Marion Sullivan Daly
*James Bradley Davis
*Raymond Carl Del Monte

*Robert Leo Dey
Mark Raymond Dick
Barbara Ann Doubleday
*Ronald Hasbrook DuVall
Barbara King Egolf
Paul Eissenstat
Olivia Erwin
Pauline Breitenstein
Feichtinger
*Neil Harvey Fisher
*Robert Joseph Fragaszy
David Gary Francis
*Thomas George Fuller
Edmund Richard Galuppo
Theresa Angela Giglio
Henry Mayer Gottfried
Stanley James Haber
Rita Marie Hamilton
*Michael Francis Herron
*Helen Santay Hertz
Robert Manning Hirsh
*Owen Michiel Hooley
*James Ibarra
Alfred Joseph Jacobs, Jr.
Marvin Wallace Jensen
Raymond Thomas Jones
Walter Phillip Kau
*Richard Bruce Kladstrup

Klaas Kleine
Michael Bruce Kliman
Anne Pohl Lafford
Samuel Jay Levine
Harold David Levy
Rosa Roma Levy
Richard Thomas Lilley
*Charles Michael LiMuti
*Stewart David Lipton
Santo Frank Locigno
*Eugene Francis Mack
Adelaide Midnight Maggio
Michael Clement Mahaney, Jr.
*John Washington Themba
Makunga
Ruth Jean Markham
*Kenneth Eugene Martin
*Helen Celia Mathews
*Thomas Gavin McKinley
*John Patrick McNamara
*Carol Mae Metrose
*Jo-Ann Carson Middleman
Raymond Richard Mielcarek
John Oliver Porter Miller
*Karmy Ramses Mina
Arthur William Molinoff

*An asterisk indicates the degree is conferred on completion of work
THE UNIVERSITY SCHOOL OF LIBERAL AND APPLIED STUDIES

BACHELOR OF SCIENCE (continued)
General Studies as Major

Thomas Bruce Moore
Linda Saunders Mossbrook
William Burton Nielander
Jeanne Marie Pacco
Indira Jitendra Parikh
Arthur James Govazvimwe
Patsanza
John Matthew Pawlik
Gordon Booth Phillips
Raymond Eugene Polca
Bobby Lee Prescott
Paul Steven Puccio
Ayton Delvis Ramirez
Darolyn McCaig Renz
John Herman Rickerman
Dale Jay Rider
Yvon Adrien Robitaille
Donna Marion Rowland

Vladimir Rudy
*Gerald Anthony Russo
*Lillian Lucille Salerno
Arthur David Salo
Domenic Santilli
Richard James Seely
*James Michael Serrianne
Barbara Lea Shannon
Rise Sharon Shepsle
*James Joseph Sheremeta
*Marian Dugan Sherwood
*Barbara Kantrowitz Silverstein
Gary Rolland Simonette
*William Jerome Simpson
Carol Sias Smith
David Frederick Smith, Jr.
Ursula Sowinska
James Salvatore Spampinato

*Marian Dugan Sherwood
*Jeanne Marie Pacco
*Indira Jitendra Parikh
*William Burton Nielander
*Thomas Bruce Moore
*Vladimir Rudy

*An asterisk indicates the degree is conferred on completion of work

MASTERS OF SCIENCE

Gary Michael Benjamin, Applied Mathematics
Chris Biagini, Statistics
William L. Ernst, Statistics
Edward M. Granger, Applied Mathematics
James M. Henderson, Applied Mathematics
Gordon Stowell Hoffman, Applied Mathematics
Jacob N. Kluger, Applied Mathematics

Donald Alvin Lind, Applied Mathematics
Harvey Lipsher, Statistics
Richard Pardyjak, Applied Mathematics
Paul Serednicky, Applied Mathematics
William Carlton Smith, Applied Mathematics
David Terry, Applied Mathematics
Carl Wetzstein, Statistics
The Eastman School of Music

Bachelor of Music—with Distinction

Cheryl Ann Basenko, Music Education
Robert Frank Becker, Applied Music
(Percussion)
James Alan Birk, Applied Music (Piano)
Frederick Thomas Boyd, Applied Music
(Trombone)
Patricia Cannon Childs, Applied Music (Voice)
Ann Elizabeth Dale, Applied Music (Flute)
Vivien Goh, Applied Music (Violin)
Robert Edward Goodberg, Applied Music
(Flute)
Michael Patrick Guiltinan, Applied Music
(Piano)
Anne Frances Haskell, Applied Music
(Flute)/Music Education
Thomas Alan Herman, Composition
Ellen DeMille Hoffmann, Applied Music
(Bassoon)
Dorothy Margaret Honegger, Applied Music
(Piano)
Philip Klein, Applied Music (Viola)
Robert Eugene Maxham, Applied Music
(Violin)/History of Music
William Harclerode Messerschmidt, Applied
Music (Percussion)
Kenneth Braden Millican, Applied Music
(Piano)
Dorothy M. Muller, Music Education
Donald Pistolesi, Applied Music (Violoncello)
Sara Bohl Pistolesi, Applied Music (Violin)
Andrea Jo Podraskie, Music Education
David Frank Reed, Applied Music
(Tuba)/History of Music
Joan Claire Regli, Applied Music (Violin)
Diane L. Royer, Music Education
Diane Karen Sefert, Applied Music (Violin)
Margaret Murray Spula, Music Education
Roland John Starr, Applied Music (Horn)
Max Stern, Composition
Charles William Stetzer, Jr., Applied Music
(Piano)/Theory
Jeffrey Lewis Stokes, Applied Music
(Double Bass)/History of Music
David Graham Stout, Music Education
Joel Eric Suben, Composition
Elizabeth Ann Taylor, Applied Music
(Voice)/Music Education
Gene Richard Tucker, Applied Music (Voice)
Paul William Van Ness, Applied Music (Piano)
Dan Edward Welcher, Applied Music
(Bassoon)
Elizabeth Young, Applied Music
(Piano)/Humanities

Bachelor of Music

Ian Altman, Applied Music (Piano)
Carl Frederick Anand, Applied Music
(Trumpet)
David M. Arenz, Applied Music (Violin)
Joseph Bryant Armstrong III, Music Education
David Franklin Atwater, Music Education
Orton Ross Beacraft, Applied Music (Trumpet)
William Van Horn Blossom, Applied Music
(Double Bass)/Humanities
William G. Boyes, Music Education
Terry A. Buck, Applied Music (Piano)
Lewis James Buckley, Applied Music
(Trumpet)/Music Education
Damian Bursill-Hall, Applied Music (Flute)
Ronald B. Carran, Music Education
Timothy Randolph Clark, Composition
Nancy D. Clearman, Music Education
Richard Israel Cohen, Applied Music (Horn)
Helen Conway, Applied Music (Voice)
Nancy Elizabeth Clements, Music Education
Sharon Marie Cuthbertson, Applied Music
(Organ)
Annette Davies, Applied Music (Piano)
Kathryn M. Dougherty, Music Education
Steven M. Eckblad, Music Education
*Michael H. Edelman, Music Education

*An asterisk indicates the degree is conferred on completion of work.
BACHELOR OF MUSIC (continued)

Robert M. Fanning, Applied Music (Trombone)
Richard Lawrence Field, Applied Music (Viola)
Floyd F. Fried, Music Education
Gary L. Good, Applied Music (Trombone)/Music Education
Christina Beth Gorham, Applied Music (Voice)
James Allen Gorton, Applied Music (Oboe)
Frederick Warren Halgedahl, Applied Music (Violin)
Robert W. Hambly, Applied Music (Organ)
David George Hart, Applied Music (Trombone)
Leonard Douglas Hassman, Applied Music (Viola)
Michael Jay Hesse, Music Education
James Hugh Hicks, Applied Music (Tuba)/Music Education
Richard Nelson Hoff, Music Education
Martin M. Hoffer, Music Education
Perry Davis Holley, Applied Music (Violin)
David Christopher Howson, Applied Music (Trombone)/Theory
Stuart Edward Kendall, Music Education
James Charles Kessler, Composition
Deirdre Louise Kingsbury, Applied Music (Voice)
Sally Fried Kurzdorfer, Music Education
Roger Barnett Larsson, Applied Music (Trumpet)
Helene Ruth Lederman, Music Education
Roger Gale Lentz, Music Education

DAVID BENJAMIN LEVY, History of Music
DIS MALK, Jr., Theory
DIANA JO MICHAELS, Applied Music (Piano)
ELLEN C. MORRISzewski, Applied Music (Violin)
DONNA RUTH MORSE, Applied Music (Flute)/Music Education
MARY-BETH PEARSON, Music Education
JANET ROBERTS SCHLEGELMILCH, Music Education
RUSSELL ALLAN SCHULTZ, Music Education
ALISON SIGMUND, Applied Music (Oboe)/Music Education
JOHN A. SPULO, History of Music
JACK A. STAUBER, Applied Music (Double Bass)
FREDERICK E. TAYLOR, Music Education
JANICE M. TRITSCHLER, Music Education
SUZANNE L. TROXELL, Applied Music (Voice)
GLENN K. UEOJO, Music Education
DOMINICA MARIA VENUTI, Applied Music (Voice)
RONALD BURDYTET VERMILLION, Applied Music (Organ)
GILBERT VICKERS, Applied Music (Bassoon)
SUE CLAIRE VOOKS, Music Education
STEVEN WASSON, Composition
LYNNE BARRAT WICKENDEN, Applied Music (Voice)
JUDITH SMOOT WILKIN, Music Education
CANDACE WILSON, Applied Music (Voice)
LAWRENCE ANNE WOLF, Applied Music (Flute)/Humanities
TERRY LEE ZIPAY, Music Education

MBA THER OF ARTS

CHERYL R. CARNAHAN, Music Theory
JAMES MILTON MARTIN, Music Theory

MBA THER OF MUSIC

JEAN MARY ANDERSON, Composition
ANNE CHRISTINE BARD, Church Music
WILLIAM JAMES BEENHOWER, Music Education
MARY ELIZABETH BICKEL, Performance and Literature

ALAN ARTHUR BONWELL, Music Education
JOHN-PAUL BRacey, Performance and Literature
CLAUDIA CATHERINE BRAY, Music Education
CHARLENE F. BRENDEL, Performance and Literature
MASTER OF MUSIC (continued)

Guy Ralph Brown, Music Education
Duyong Chung, Conducting
Barbara Joan Corbin, Performance and Literature
Monica Gaylord Daellenbach, Performance and Literature
Charles Edward Eikner, Jr., Performance and Literature
Erdie Byron Eubanks III, Performance and Literature
Dorothy Lucille Frizelle, Music Education
Bradford Paul Gowen, Performance and Literature
James R. Hawkins, Performance and Literature
Mary Ray Johnson, Performance and Literature
James L. Kaspar, Conducting
Ursula M. Kingsbury, Performance and Literature

Kirby Lawrence Koriath, Church Music
Anthony Alan Lenti, Performance and Literature
Dorothy Hall Lewis, Performance and Literature
Douglas Allen Nelson, Music Education
James Michael Pyne, Performance and Literature
William Henning Read, Performance and Literature
Doris L. Salis, Performance and Literature
David Walker Schantz, Music Education
Thomas Sheldon Stierwalt, Performance and Literature
Douglas John Webb, Church Music
Lester Rexford Whiddon, Jr., Performance and Literature
Ann Angele Yervanian, Performance and Literature

DOCTOR OF MUSICAL ARTS

Philip H. Albright, B.Mus., University of Rochester, 1949; M.A., Washington University, 1957; Music Education
Thesis: Original Solo Concertos for the Double Bass

Edward William Brombach, B.S., Teachers College, Columbia University, 1948; M.A., Teachers College, Columbia University, 1950; Music Education
Thesis: Portamento—The Audible Position Change Used for Expressive Purposes

Brian James Dykstra, B.S., Juilliard School of Music, 1964; M.M., University of Rochester, 1965; Performance and Pedagogy
Thesis: The Interpretation of Bach’s Well-Tempered Clavier, Book One: A Study in Diversity

Robert Milton Finster, A.B., Occidental College, 1961; M.M., University of Rochester, 1963; Church Music
Thesis: The Gregorian Proprium Missae in English Advent to Easter

Emily Cooper Gibson, B.Mus., Henderson State Teachers College, 1957; M.M., University of Rochester, 1960; Performance and Pedagogy
Thesis: A Study of the Major Organ Works of Paul Hindemith: The Three Sonatas and The Two Concerti
THE EASTMAN SCHOOL OF MUSIC

DOCTOR OF MUSICAL ARTS (continued)

Donald Mertz Hardisty, B.Mus., Montana State University, 1955; M.Mus.Ed., Montana State University, 1956; Music Education
Thesis: A Collection of Transcribed and Original Rounds Arranged for Bassoon Ensembles

James William Hudson, B.S., State University of New York, 1953; Music Education
Thesis: A Practical Edition of Sixteen Madrigals, Canzonets and Ballets a 3 of the English Madrigal School Adapted for Soprano-Alto-Baritone

Thesis: Five Contemporary Concertos for Solo Wind Combinations and Orchestra

David Clemmons Pinnix, B.Mus., Oberlin College, 1961; M.M., University of Rochester, 1964; Performance and Pedagogy
Thesis: Evolution of Stylistic Elements in Selected Solo Piano Works by Scriabin

James Fortier Stuart, B.Mus.Ed., Louisiana State University, 1950; B.Mus., Louisiana State University, 1950; M.M., Louisiana State University, 1955; Performance and Pedagogy
Thesis: The Dramatic Works of Hector Berlioz
**The School of Medicine and Dentistry**

**Bachelor of Science—with High Distinction**

*Nursing as Major*

Rhea Keller Fox

**Bachelor of Science—with Distinction**

*Nursing as Major*

Candice Marie Coe
Deborah Anne Dobson
Margaret Christine Watson Malmquist

Geraldine Marciano
Louise Joan Miller
Diane Hopkins Pierce

Jean Hoadley Price
Karon Gough Young

**Bachelor of Science**

*Nursing as Major*

Duane E. Barlow
M. Eileen Brophy
Lew Thomas Carriere
Suzanne Marie Clouser
Joan Marie Correll
Nancy Lee Covell
Elaine Pipe Crist
Sandra Louise Crist
Trice Louise Domenici
Margaret Anne Donegan
Susan Treadway Downs
Paulette Forrest
Sharon Ann Fralonardo
June Carol Frei
Diane Ruth Gates
Judith Anne Hamburger Goldthorp

Ruth Marie Gustin
JoLynn Hand
Gail Norah Hoffman
Leslie Jo Jaffe
Linda Jenkins
Martha Katherine Kaufman
Deborah Rice Levin
Kathleen Holbert Marden
Charol Lynn Martindale
Joyce Maaga Mokone
Jane Shiel Mooney
Ardythe Jane Newman
*Hilda Evelyn Peterson
Dayl Randall
Elizabeth Moorhouse Rhodes
*Jill Melinda Rodman
Barbara Ann Scheller

Carolyn Marie Schodt
Donna Marie Sherman
Victoria Sinkel
Bonnie Kathleen Sobieraj
Wilfred Edward Soppe, Jr.
Linda Ruth Straubinger
*Patricia Lesher Strickland
Bethany Ward Stronach
Linda Anne Trail
Susan Carol Trendell
Gail Denise Verfelt
Orpha Keat Walker
Barbara L. Watson
Hilary Blair Weed
Pamela Ann Witt
Catherine Collins Wolchok

*An asterisk indicates the degree is conferred on completion of work*

**Master of Science**

David Allan Baker, *Microbiology*
Barbara L. Bates, *Nursing Education*
Paul Hyman Brand, *Physiology*
John Alan Calcagni, *Radiation Biology*
Un Bok Choung, *Dental Science*

Martin Edward John Curzon, *Dental Science*
Catherine S. Dashewsky, *Nursing Education*
Dorothy Ann Malcolm Geddes, *Dental Science*
J. Max Goodson, *Dental Science*
Donald L. Granger, *Microbiology*
Sue C. Greer, *Nursing Education*
Elizabeth M. Hawes, *Nursing Education*
DOCTOR OF PHILOSOPHY (continued)

Albert Kavanagh, A.B., Clark University, 1963; Psychology
Thesis: The Reticulo-Cortical Evoked Response: Changes Correlated with Behavior and Estrogen in Female Cats

G. Siegfried Kutter, B.S., University of Washington, 1962; A.M., University of Rochester, 1965; Physics
Thesis: Evolution of Initially Pure C^{12} Stars and the Production of Planetary Nebulae

David Arthur Leach, B.S., Tufts University, 1961; Psychology
Thesis: Extinction Performance in the Runway as a Function of Training Deprivation Level and Partial Reinforcement: An Analysis of Response Components

Chien-teh Lien, B.S., Tunghai University, 1962; Biology
Thesis: The Mechanisms of DCPIP Hill Reaction with Chloroplasts and Subchloroplast Fragments Prepared by Sonication

Balmohan V. Limaye, A.B., Poona University, 1964; M.A., University of Rochester, 1966; Mathematics
Thesis: Ideals of Analytic Functions

Mary Ann Jordan Lommen, A.B., University of Minnesota, 1962; M.S.; University of Rochester, 1964; Biology
Thesis: Development of the Ring in Spermiogenesis of a Salamander, Desmognathus fuscus fuscus

Robert F. McGuire, B.A., St. John Fisher College, 1960; M.S., University of Kentucky, 1963; Biophysics
Thesis: Fluorescence and Polarization of Fluorescence of Protein Solutions

Donald John Arnold McMurchy, A.B., University of Toronto, 1952; A.M., 1956; History
Thesis: David Mills: Nineteenth Century Canadian Liberal

Leo Miller, B.S., SUNY at Brockport, 1962; M.S., SUNY at Albany, 1964; Biology
Thesis: Cytological and Biochemical Characterization of Nucleolar Mutants in Natural Populations of Bufo marinus

Ajit Kumar Mohanti, B.Sc., Patna University, 1959; M.Sc., 1961; Physics
Thesis: Aspects of Current Algebra Theory and Applications

C. Michael Moriarty, B.S., Carnegie Institute of Technology, 1962; M.S., Cornell University, 1964; Biophysics
Thesis: Active Calcium Transport and the Electrical Nature of the Isolated Chick Chorio-Allantoic Membrane
DOCTOR OF PHILOSOPHY (continued)

Richard M. Foley, B.S., Lehigh University, 1965; Chemical Engineering
Thesis: Transport and Reaction Mechanisms for the Degradation of Insulin by the Liver

James Morton Forsyth, B.S., University of Rochester, 1964; Optics
Thesis: Competition Effects in the CW Argon Ion Laser

Narendranath Gaitonde, B.Sc., University of Madras, 1964; M.S., University of Rochester, 1966; Chemical Engineering
Thesis: Chemical Oscillators

Samuel Julian Gibbs, D.D.S., Emory University, 1956; Radiation Biology
Thesis: Cytokinetic Effects of \(^{6}H\) and X-Rays in Hamster Basal Epithelial Cells In Vivo

David Howard Glass, A.B., Brown University, 1964; Psychology
Thesis: Secondary Reinforcement in Acquisition and the Partial Reinforcement Extinction Effect

Paul Goldring, A.B., Brooklyn College, 1964; Psychology
Thesis: The Initial Interview With Negro Adolescents

Irving Jack Goodman, A.B., Wayne State University, 1958; Psychology and Neurobiology
Thesis: Evoked Behavioral and Reinforcement Effects of Electrical Brain Stimulation in the Pigeon

Robert Powell Guertin, B.S., Trinity College, 1961; A.M., Wesleyan University, 1963; Physics
Thesis: Localized Magnetic Moments in Superconducting and Normal Metals

Robert Ralph Hett, A.B., University of Western Ontario, 1960; History
Thesis: John Charlton, Liberal Politician and Free Trade Advocate

Karen Ruth Hitchcock, B.S., St. Lawrence University, 1964; Anatomy
Thesis: The Embryological Origin of the Pulmonary Epithelial Cells

Eleanor E. Hurlbrink, B.A., Wellesley College, 1956; Pharmacology
Thesis: Some Effects of Pentobarbital and Strychnine on Transmission in the Ventrobasal Complexes of the Cat Thalamus

Afzaal Hussain, A.B., University of California, 1960; A.M., University of Rochester 1962; Physics
Thesis: Nucleon Nucleon Bremsstrahlung

Thomas Joseph Kabele, B.Ch.E., Rensselaer Polytechnic Institute, 1965; Chemical Engineering
Thesis: Deposition of Corrosion Products from an Aqueous Stream
THE SCHOOL OF MEDICINE AND DENTISTRY

MASTER OF SCIENCE (continued)

Anne E. Hutchings, Physiology
James E. Kennedy, Dental Science
Don Allen King, Dental Science
John Huston Kirk, Radiation Biology
Richard D. Lentz, Pathology
Janet M. Long, Nursing Education
Braz Macedo-Sobrinho, Dental Science
Alva A. Marticelli, Nursing Education
Mary L. Miller, Nursing Education
John D. Murphy, Nursing Education
William Edward Murray, Jr., Radiation Biology
Kathleen S. Neuner, Nursing Education
Michael A. C. Nugent, Dental Science
Wendell R. O'Neal, Biochemistry
Richard R. Ranney, Dental Science
Satish R. Rao, Dental Science
Robert N. Richardson, Radiation Biology
Joseph Anthony Russotto, Radiation Biology
Olga Marie Sarda, Dental Science
Ronald Lee Schlitzer, Microbiology
Sally J. Slater, Nursing Education
Maria E. Smith, Nursing Education
An-Liang Soong, Biophysics
William Charles Torch, Biochemistry
James E. Turns, Radiation Biology
Gordon John Weir, Jr., Radiation Biology
Gary Milton Whitford, Toxicology
Frank Lee Williams, Dental Science
David George Wood, Radiation Biology
Abbie Zisk, Radiation Biology

DOCTOR OF MEDICINE—with Honor and with Distinction in Research
Werner A. Bleyer

DOCTOR OF MEDICINE—with Honor
Ira Bruce Tager

DOCTOR OF MEDICINE—with Distinction in Research

Arthur Stephen Banner Daniel William Lang Brian Robert Murphy
Neil L. Benowitz Richard D. Lentz Richard Milton Peer
Thomas Reed Browne III Russell Vincent Luepker Lee Alan Witters
Alan Laurence Cowles Matthew Gruen Marin
DOCTOR OF MEDICINE

James Edward Allison  John Edward Greenlee  John Armitage Payne
Barbara Freed Banner  Costas Hercules
Gary Sterling Berger  Jana Vera Hnilicka
Richard Edward Berman  Peter Rinehart Huvelle
Joseph Louis Boggs  Kenneth Everett Joslyn
Thomas A. Bonfiglio  Judith M. Kleinman
Ivy Roberta Boyle  Peter D. Kleinman
James Martin Boyle  David Kotok
Robert R. Chilcote  Alan James Kozak
Richard Charles Childers  David Colvin Leach
James Gerald Cianci  M. Mark LeRud
George Taylor Conklin III  Alan Jon Levine
Robert Olsen Crapo  Peter James Linden
Richard James Davey  Norman Lothar Luka
Ronald John Eckert  John H. Lynn
Dominic Michael Erba  Paul J. Mayer
Ronald Eugene Feldman  Bruce Mazor
Gary Neal Fields  Jeffrey Gregory Meilman
Harold James Forbes  Philip Jacob Moorad, Jr.
Carl Edward Fougerousse, Jr.  Walter Norris Muth
Robert William George  Michael Arthur Newman
Stanley Goldfarb  Edwin O. Okorama

HIPPOCRATIC OATH

I swear by Apollo the Physician, and Aesculapius, and Health, and Panacea, and all I hold most sacred that I will keep this oath and stipulation.

I will lead my life and practice my art in uprightness and honor.

Into whatever house I enter I will go for the benefit of the sick, and will abstain from every voluntary act of mischief and corruption.

I will follow that system of regimen which, according to my ability and judgment, I believe to be most helpful to my patients.

Whatever I see or hear in the lives of men which ought not to be spoken of, I will not divulge.

To my colleagues in the Profession I will ever be just and generous.

While I continue to keep this oath inviolate, may it be granted me to enjoy life and the practice of the Art, and to be respected of men; but should I trespass and violate this oath, may the reverse be my lot.
The University Council on Graduate Studies

DOCTOR OF PHILOSOPHY

Girish Saran Agarwal, B.Sc., University of Gorakhpur, 1964; M.Sc., Banaras Hindu University, 1966; Physics
  Thesis: A C-Number Calculus for Functions of Non-Commuting Operators and Phase Space Representation of Quantum Dynamical Systems

Winifred May Austin, A.B., Mount Holyoke College, 1963; Chemistry
  Thesis: The Kinetics of the Thermal Decomposition of 3-Pyrroline

Lawrence Alan Babb, A.B., University of Michigan, 1963; A.M., University of Rochester, 1965; Anthropology
  Thesis: Systemic Aspects of Chhattisgarhi Religion: An Analysis of a Regional Variant of Popular Hinduism

David Scott Bailey, A.B., University of Buffalo, 1965; Chemistry
  Thesis: Stereochemistry and Orientation in Elimination Reactions

William Frank Barr, A.B., Alderson-Broaddus College, 1957; B.D., Colgate Rochester Divinity School, 1964; Philosophy
  Thesis: A Philosophical Analysis of Idealizations in Science

Raj Kamal Bhargava, B.S., Allahabad University, 1961; M.S., 1963; Physics
  Thesis: Optical Properties of Hydrogen and Lithium Atom Impurities in Solid Neon and in Solid Argon

H. Dieter Blindert, A.M., University of Rochester, 1965; Linguistics
  Thesis: Experiments in the Establishment of Verbal Behaviors in Children Through the Training of Mothers in Behavior Modification

Carlton Joseph Bruce, B.Sc.Eco., University of the West Indies, 1963; M.A., University of Rochester, 1968; Economics
  Thesis: The Role of Expectations in Resource Allocations and Growth

Gary Wayne Byers, A.B., Wabash College, 1962; M.A., Wesleyan University, 1964; Chemistry
  Thesis: Studies on Free Radical Eliminations and the Photodecomposition of t-Butyl Disulfide

Stuart Lorin Campbell, B.S., University of Oregon, 1959; A.M., 1961; History
  Thesis: Historical Objectives and Objective History: Perspectives on the Historiography of the Second Empire

Dennis John Carney, B.S., Fordham College, 1959; Psychology
  Thesis: Signal Detection Performance of Delusional and Monodelusional Schizophrenics

  Thesis: Changes in the Estrous Cycle and Adrenal Glands of the Mouse as a Result of Differences in the Number of Females Housed in a Cage
DOCTOR OF PHILOSOPHY (continued)

Lawrence L. C. Chik, B.S., McGill University, 1962; M.S., University of Rochester, 1967; Electrical Engineering
Thesis: Applications of Self-Adjoint Differential Systems

Patricia Ann André Clark, B.S., Massachusetts Institute of Technology, 1961; M.S., 1964; Physics
Thesis: On the Axial Alignment of Interstellar Disturbances in the Nuclei of Variable Galaxies

Blair Crosby Currie, A.B., Amherst College, 1953; A.M., Harvard University, 1958; A.M., University of Rochester, 1962; Economics
Thesis: Agricultural Output and Consumption in Mainland China, 1929-33 and 1957

John Burton Delack, A.B., University of Rochester, 1964; Linguistics
Thesis: German Phonetics and Phonology

Louis V. DiBello, A.B., Washington and Jefferson College, 1963; M.A., University of Rochester, 1966; Mathematics
Thesis: Dedekind Fields and Some Related Classes of Infinite Algebraic Number Fields

Richard A. Dienstbier, A.B., University of Rhode Island, 1965; A.M., 1967; Psychology
Thesis: The Influence of Race and Social Class on Perceived Belief Similarity

Stephen D. Druger, B.S., Brooklyn College, 1963; M.A., University of Rochester, 1966; Physics
Thesis: Theory of Trapped Hole Centers and Carrier Mobilities in Rare Gas Solids


Judith Ungrodt Evenson, B.M., Wisconsin State College, 1961; M.A., University of Rochester, 1962; Music Theory

Irving N. Feit, B.S., University of Rhode Island, 1964; Chemistry
Thesis: Orientation Patterns in Elimination Reactions

Herbert Charles Fink, Psychology
Thesis: Attitude Change and Incredulity as a Function of Original Attitudes and Bond: A Further Test of Congruity Theory
DOCTOR OF PHILOSOPHY (continued)

Robert Fink, A.B., University of Rochester, 1964; M.A., 1966; Linguistics
Thesis: Experiments in the Perception of Intonation by Aphasic and Normal Speakers of English

Helen Lucile Pritchard Frost, A.B., Wilson College, 1963; M.A., University of Rochester, 1965; English
Thesis: A Legacy of Violence: John Hawkes' Vision of Culture

Clinton Thomas Gott, B.S., Lehigh University, 1959; B.S., 1960 Biophysics
Thesis: A Microanalysis of Fixed-Ratio Performance

Om Prakash Grewal, A.B., Punjab University, 1957; A.M., 1959; English

Albion Matthew Gruber, B.Mus., University of Alabama, 1954; M.M., 1955; Music Theory
Thesis: Evolving Tonal Theory in Seventeenth-Century France

Darrell D. Handel, B.Mus., College of the Pacific, 1955; M.M., 1957; Music Theory
Thesis: The Contemporary Passacaglia

Roger William Hansell, A.B., University of Connecticut, 1965; M.S., 1966; Mathematics
Thesis: Borel Measurable Mappings for Non-Separable Metric Spaces

John Robert Hanson, B.Mus., University of Rochester, 1958; M.A., 1961; Music Theory
Thesis: Macroform in Selected Twentieth-Century Piano Concertos

Clell Gauvey Harral, A.B., Johns Hopkins University, 1959; M.A., University of Rochester 1962; Economics
Thesis: The Social Costs of Highway Transport in Eastern India

G. Frederick Hatch, A.B., Oberlin College, 1964; Chemistry
Thesis: Radiationless Transitions of Benzene in Solid Solutions

Bryan Scott Hay, B.S., University of Rochester, 1958; English
Thesis: William Dunbar's Vision of Disorder

James Robert Hazen, A.B., Amherst College, 1965; Chemistry
Thesis: Neighboring Alkoxyl Group Participation in Solvolytic Substitution Reactions

Charles Milton Helms, A.B., Cornell University, 1964; Microbiology
Thesis: Studies on Equine Immunoglobulins

Jeffrey Alec Helterman, A.B., University of Rochester, 1963; A.M., Northwestern University, 1964; English
Thesis: Symbolic Action in the Plays of the Wakefield Master
THE UNIVERSITY OF ROCHESTER

DOCTOR OF PHILOSOPHY (continued)

John Walter Hollow, B.S.S., Fordham University, 1961; A.M., Rice University, 1963; English

Vivian M. Horner, A.B. Ohio State University, 1956; A.M., 1960; Linguistics
Thesis: The Verbal World of the Lower-Class Three-Year-Old: A Pilot Study in Linguistic Ecology

Jong-ping Hsu, M.S., National Tsing Hua University, 1965; Physics
Thesis: I. Currents, Spectral Functions and Their Applications
II. A Dispersion Approach to Interference Model, Local Duality Principle and Proton-Neutron Mass Difference

Edward J. Hundert, A.B., City College of New York, 1961; A.M. New York University, 1963; History
Thesis: The Conception of Work and the Worker in Early Industrial England; Studies of an Ideology in Transition

Mukund Madhav Joglekar, B.S., The Maharaja Sayajirao University of Baroda, 1961; M.S., University of Rochester, 1965; Mechanical & Aerospace Sciences

Corinne Lessig Johnson, A.B., Wellesley College, 1960; M.S., University of Rochester, 1964; Biology
Thesis: Growth Inhibition in Thiobacillus neapolitanus by Histidine, Methionine, Phenylaianine and Threonine

Howard Kevin Johnson, B.S., University of Rochester, 1964; M.S., 1965; Mechanical and Aerospace Sciences
Thesis: Magnetic Fields Associated with Supergranulation

Avinash Ramkrishna Karnik, B.E., University of Bombay, 1962; Electrical Engineering
Thesis: Optimal Synthesis of Distributed Parameter Systems

Arthur Marvin Katz, B.S., City College of New York, 1964; Chemistry
Thesis: Part I Theoretical Calculations of Isotope Effects in Elimination Reactions. Part II Experimental and Theoretical Studies of Sulfur Isotope Effects in Displacement Reactions of Trimethyarsenic Ion

Gershen Kaufman, A.B., Columbia College, 1964; Psychology
Thesis: Capacity to Handle Unassimilable Material: The Coping Strategies Available Among Schizophrenics and Normals
DOCTOR OF PHILOSOPHY (continued)

Dennis Francis Kibler, A.B., Harpur College, 1965; Mathematics
Thesis: Isotopy and Homeomorphism

George T. Koide, B.S., University of Illinois, 1961; M.S., University of California, 1962; Electrical Engineering
Thesis: The Dielectric Properties of Structured Water

Uygur Köktürk, B.S., Middle East Technical University (Turkey), 1963; M.E.S., Lamar State College of Technology, 1965; Chemical Engineering
Thesis: The Axial Dispersion of Mass in Packed Beds

Robert Lewis Lamberts, A.B., Calvin College, 1949; M.S., University of Michigan, 1951; Optics
Thesis: Measurement of Complex Amplitude Transmittance

Frank Michael Lanzafame, B.S., St. John Fisher College, 1962; Chemistry
Thesis: Experimental Determination and Statistical-Model Analyses of Excitation Functions and Recoil Ion Ranges from Reactions Induced in Au$^{197}$ by 19 to 100 MeV He$^+$ Ions

David Howard Lester, B.Ch.E., Rensselaer Polytechnic Institute, 1964; M.S., University of Rochester, 1966; Chemical Engineering
Thesis: A Theory of Bed Drying of Particulate Solids Including the Role of Capillary Phenomena

Paul Schoenfeld Lombardi, B.A., University of Utah, 1964; M.A., 1965; Microbiology
Thesis: Host-Control of Polyoma Virus Replication in L Cells

Warren John Lyman, A.B., Williams College, 1964; Chemistry
Thesis: Evidence for Angular Momentum Fractionation in the Decay of Compound Nuclei

Bruce Randall McClellan, B. Mus., College-Conservatory of Music of Cincinnati, 1962; M.M., 1964; Music Composition
Thesis: Occurrences for Chamber Ensemble and Electronic Tape

Anne M. Mear, Licenciee, L'Universite de Rennes, 1963; A.M., University of Rochester, 1966; Linguistics
Thesis: Experimental Investigation of Receptive Language

Leslie Coombs Miller, A.B., Wheaton College, 1964; French Literature
Thesis: Music and Poetry in Seventeenth-Century France

Philip L. Miller, A.B., Cornell University, 1961; Psychology
Thesis: Cognitive and Motor Aspects of Impulsivity
DOCTOR OF PHILOSOPHY (continued)

Rabindra Nath Mohapatra, B.S., Utkal University, 1964; M.S., Delhi University, 1966; Physics
Thesis: Part I—Generalized Superconvergence Sum Rules and Applications
Part II—Structure of Weak Interaction at High Energy

Murray A. Moinester, B.S., City College of New York, 1961; Physics
Thesis: The \(^{3}He,d\) Reaction on \(^{35}Cl\) and \(^{37}Cl\) and the Structure of \(^{34}Ar\)
and \(^{36}Ar\)

H. N. Muller III, A.B., Dartmouth College, 1960; History
Thesis: The Commercial History of the Lake Champlain-Richelieu River Route, 1760-1815

Charles Ray Munnerlyn, B.S., Agricultural & Mechanical College of Texas, 1962; Optics
Thesis: An Infrared Laser Interferometer and its Application to the Measurement of Optically Rough Surfaces

Helen Anne Werthessen Myers, B.A., Radcliffe College, 1961; Physiology
Thesis: Isoproterenol: A Possible Mediator of Sympathetic Vasodilation

John William Oller, Jr., B.A., Fresno State College, 1965; M.A., University of Rochester, 1968; Linguistics
Thesis: The Coding of Information in Natural Languages: A Psycholinguistic Theory

Peter Carl Ordeshook, B.S., Massachusetts Institute of Technology, 1964; Political Science
Thesis: Theory of the Electoral Process

Walter Anthony Orlowski, B.S., City College of New York, 1958; D.D.S., Seton Hall College of Medicine and Dentistry, 1963; Pathology
Thesis: Analysis of Hexosamine and Acid Mucopolysaccharides in Skin of Normal and Lathyritic Rats

Jane Hanna Pease, A.B., Smith College, 1951; A.M., University of Rochester, 1957; History
Thesis: The Freshness of Fanaticism. Abby Kelley Foster: An Essay in Reform

Steven Ray Phillips, A.B., Union College, 1961; English

Gerald Salvatore Ponticello, B.S., University of Toronto, 1961; Chemistry
Thesis: The Preparation of a New Class of Remarkably Stable Simple Thiepins
DOCTOR OF PHILOSOPHY (continued)

Ignatius Salvatore Ponticello, B.S., University of Toronto, 1961; Chemistry
Thesis: The Preparation of a New Class of Heterocycles Containing “Tetravalent Sulfur”

Terrence H. Reilly, B.S., State University of New York at Albany, 1963; M.S., 1965; Optics
Thesis: Two-Photon Absorption Spectroscopy in ZnS and TiCl

Barry Zion Rose, B.S., University of Pennsylvania, 1959; M.S., University of Rochester, 1965; Mechanical and Aerospace Sciences
Thesis: Attenuated Interface Waves in Composite Elastic Spaces

Edward David Rossmann, Jr., B.A., Yale College, 1955; M.A., Middlebury College, 1964; French Literature
Thesis: From the Secular Meal to the Holy Table: The Problem of Food in the Fiction of J.-K. Huysmans

Barbara L. Rubin, A.B., Cornell University, 1951; A.M., University of Rochester, 1961; English
Thesis: The Dream of Self-Fulfillment in Restoration Comedy

Robert Lawrence Sanderson, B.S., Rochester Institute of Technology, 1961; M.S., University of Rochester, 1964; Electrical Engineering
Thesis: The Calculation of Laser Resonator Modes

Mohindar Singh Seehra, B.Sc., Radha Drishan Arya College, 1959, M.Sc., Aligarh Muslim University, 1962; Physics
Thesis: Magnetic Properties of Copper Formate Tetrahydrate

John Joseph Sharkey, B.S., Newark College of Engineering, 1963; Chemical Engineering
Thesis: Interferometric Determination of Thermal Diffusion Coefficients of Binary Gas Mixtures

Martha Jochnowitz Siegel, A.B., Russell Sage College, 1960; A.M., University of Rochester, 1963; Mathematics
Thesis: On Birth and Death Processes

Kalyan Bidhan Sinha, B.S., University of Calcutta, 1963; Physics
Thesis: A Non-Interaction Theorem for a Class of Bose Fields

James William Sinko, B.S., Stanford University, 1961; M.S., 1962 Electrical Engineering
Thesis: A New Mathematical Model for Describing the Age-Size Structure of a Population of Simple Animals

Carol D. Spencer, A.B., Queens College, 1963; Psychology
Thesis: Life Span Changes in Intersensory and Intrasensory Integrative Functioning
DOCTOR OF PHILOSOPHY (continued)

Ferenc M. Szasz, A.B., Ohio Wesleyan University, 1962; History

Charlotte Tay Tahk, B.S., University of Rochester, 1964; Chemistry
Thesis: Two Approaches to the Quantum Dynamics of One-dimensional Anharmonic Oscillators

Stuart K. Tewksbury, B.S., University of Rochester, 1964; Physics
Thesis: Backward $K^+P$ Elastic Scattering Between 1.0 and 2.5 BeV/c

Nien-Tsor Tsai, B.S., Taiwan Provincial Cheng Kung University, 1960; M.S., University of Rochester, 1966; Mechanical and Aerospace Sciences
Thesis: Solitary Waves in a Collisionless Plasma

Anne H. Turner, A.B., Middlebury College, 1963; Chemistry

Dan Murdock Urquhart, B.S., Southern Colorado State College, 1965; M.A., University of Rochester, 1967; Music Theory
Thesis: Francisco De Montano's Arte De Musica Theorica y Pratica: A Translation and Commentary

Margery Naylor van Inwagen, A.B., Smith College, 1963; A.M., University of Rochester, 1965; Philosophy
Thesis: Descartes' Three Versions of the Ontological Argument

Marc Steven Weiss, B.S., Massachusetts Institute of Technology, 1960; M.S., University of Rochester, 1964; Electrical Engineering and Neurobiology
Thesis: The Effects of Changes in Conditioned Behavior on Some Properties of the Evoked Potential

David Malcolm Wertlieb, A.B., New York University, 1961; Biology
Thesis: Hydrogenase in a Strain of Rhodopseudomonas gelatinosa Grown Under Autotrophic Conditions

Bruce Charles Wittmaier, A.B., Lehigh University, 1963; Psychology
Thesis: Test Anxiety, Mood and Behavior
The following students completed their degree requirements

October 4, 1968

BACHELOR OF MUSIC

Rhoda Lee Rhea, Applied Music (Viola)

MASTER OF ARTS

Edward Harrison Powley III, Musicology
James D. Sullivan, Music Theory

MASTER OF MUSIC

James Melvin Butler, Performance and Literature
Mary Brigid Callan, Performance and Literature
Judith Kay Coen, Applied Music
Ruth Noel Dahike, Performance and Literature
Jamie Lee Dyess, Performance and Literature
Lawrence Michael Leavitt, Music Education
Ann Rishell Migliore, Performance and Literature
Patricia Ann Snyder Morrow, Performance and Literature
Chester David Rowell, Music Education
David Snively, Applied Music
George Douglas Thornton, Jr., Music Education
Richard William Volpe, Performance and Literature

DOCTOR OF MUSICAL ARTS

Lawrence Sheldon Maxey, B.Mus., Michigan State University, 1959; M.M., University of Rochester, 1960; Performance and Pedagogy
Thesis: An Analysis of Two Pedagogical Approaches to Selected Etudes from the Cyrille Rose Thirty-Two Etudes for Clarinet

Harold Edward McNiel, B.Mus., Oklahoma City University, 1956; M.M., University of Rochester, 1959; Music Education
Thesis: Music, Charts and Diagrams: An Evaluation of One Hundred Selected Examples Published in the United States

Stephen Lyons Seiffert, B.Mus., University of Rochester, 1960; M.A., Brown University, 1963; Performance and Pedagogy
Thesis: Johannes Brahms and the French Horn

Benjamin Neal Smith, B.Mus., University of Rochester, 1960; Performance and Pedagogy
Thesis: Eighteen Etudes for Solo Violoncello and Violoncello Duet

Roy Edward Stillwell, B.Mus., MacMurray College, 1961; M.A., University of Rochester, 1962; Performance and Pedagogy
Thesis: Six Anthems by John Frederik Peter

January 31, 1969

BACHELOR OF SCIENCE

Julia Ann Enterline Steigbigel, Nursing
January 31, 1969 (continued)

DOCTOR OF EDUCATION

Gerald M. Arndt, A.B., Northland College, 1957; A.M., University of Minnesota, 1960

Thesis: The Effects of Cognitive Dissonance on Students’ Cognitive Differentiation of Positively-Valued and Negatively-Valued Teachers

DOCTOR OF PHILOSOPHY

Tamer Becherrawy, Licence, Universite Libanaise, 1962; Certificat, Universite de Paris, 1965; Physics
Thesis: The Radiative Correction to \(K_3\)

John Carl Blydenburgh, A.B. Harpur College, 1965; Political Science
Thesis: Two Attempts to Measure the Effects of Precinct-Level Campaigning Activities

Sister Marie Roseanne Bonfini, I.H.M., A.B., Immaculata College, 1958; A.M., Fordham University, 1964; French Literature
Thesis: The Rondeau of Charles d’Orléans: A Mandala for Late Medieval Ideas

Bruce Losure Brandt, A.B., Pomona College, 1963; A.M., University of Rochester, 1966; Physics
Thesis: Intermediate States in Thin Superconductors

Jack M. Chinsky, A.B., Rutgers University, 1964; Psychology
Thesis: Nonprofessionals in a Mental Hospital: A Study of the College Student Volunteer

Frederic McShan Davidson, B.Eng., Cornell University, 1964; Physics
Thesis: Higher Order Correlation Properties of Laser Beams

Albert B. Deisseroth, A.B., University of Rochester, 1963; Biochemistry
Thesis: Comparison of the Physical and Catalytic Properties of Native Beef Liver and Erythrocyte Catalase Before and After Lyophilization

Tansukhlal Gokaldas Dorawala, B.Sc., University of Bombay, 1960; B.S. Kansas State University, 1962; M.S., 1964; Chemical Engineering
Thesis: Complex Reactions in Periodically Operated Reactors
DOCTOR OF PHILOSOPHY (continued)

George F. Munro, A.B., Oberlin College, 1963; Biochemistry
Thesis: Nucleic Acid Content and Protein Composition and Metabolism of Hela Cell Nuclei Before and After Infection with Herpes Simplex Virus

S. Michael Plaut, B.A., Adelphi College, 1965; Psychology
Thesis: Social Factors and Resistance to Malaria in the Mouse

Julian Rappaport, A.B., Temple University, 1964; Psychology
Thesis: Nonprofessionals in a Mental Hospital: College Students as Group Leaders with Chronic Patients

Alan Michael Rockway, A.B., Tulane University, 1964; Psychology
Thesis: Cognitive Factors in Adolescent Person Perception Development

Eldon E. Ronning, B.S., University of North Dakota, 1961; Chemical Engineering
Thesis: Forced Convection Evaporation from Porous Media

Richard T. Shannon, B.S., Fordham University, 1961; Mathematics
Thesis: Flat Modules

Paul Siff, A.B., Brooklyn College, 1960; History

Roy Lee Testerman, B.S., University of Missouri School of Mines, 1960; M.S., University of Rochester, 1964; Electrical Engineering & Neurobiology
Thesis: Reflex Control of Vocalization in Cats

Peter Jan van Inwagen, B.S., Rensselaer Polytechnic Institute, 1965; Philosophy

Thomas J. Walter, B.S., University of Rochester, 1962; M.S., 1964; Electrical Engineering
Thesis: Instrumentation for Higher Order Statistics of Radiation and Experimental Study of Superradiant Radiation

Tsun-hsiung Wang, B.S., Tunghai University, 1962; M.S., University of Rochester, 1965; Biology
Thesis: Dependence of Photosynthesis on Life Cycle Stage in Chlorella pyrenoidosa

Thomas J. Wolff, A.B., Clark University, 1964; Psychology
Thesis: Community Mental Health on Campus: Evaluating Group Discussions Led by Dormitory Advisors and Graduate Students

Kenneth Hall Woodside, A.B., Oberlin College, 1959; Biochemistry
Thesis: Effects of Glucagon and Cyclic 3', 5'-AMP on Glycogenolysis and Protein Catabolism in Rat Liver

James Clair Wyant, B.S., Case Institute of Technology, 1965; M.S., University of Rochester, 1967; Optics
Thesis: Effect on the Photographic Gamma on Hologram Reconstructions
THE UNIVERSITY OF ROCHESTER

Recipients of Certificates
SCHOOL OF MEDICINE AND DENTISTRY
CERTIFICATES IN RADIOLOGY
Presented since last Commencement

Charlene Mary Biggs
Katherine L. Bleyl
Susan Elizabeth Cohoon
Kathleen Ann Corey

Barbara Lynn Felton
Marlene Joyce Gush
Ann Katherine Larew
Cheryl Ann Leonard

Bonnie Mae Pickette
Michael John Simon
Elizabeth Louise Wilson