

Jefferson College of Biomedical Sciences Commencement

Jefferson Commencements

6-6-1980

# 1980 Commencement for Jefferson Medical College and College of Graduate Studies

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# 156TH COMMENCEMENT



Jefferson Medical College College of Graduate Studies

Thomas Jefferson University

1824-1980

Friday, June Sixth Nineteen Hundred and Eighty Stalf Past Two O'clock

The Academy of Music

PROCESSIONALJOHN STANLEY The Jefferson ProcessionalBurle Marx	
THE NATIONAL ANTHEM	AWARDS a
THE NATIONAL ANTHEM	Awarded at Class Day Exerci
INVOCATION	FACULTY AWARDS The Christian R. and Mary F. Lindback Award for
CONVOCATION	BASIC SCIENCES: AUGUST EPPLE, Ph.D.,
Opening Remarks	CLINICAL SCIENCES: ROY CLOUSE, A.B., Human Behavior
CONFERRING OF DEGREES IN COURSEPresident Bluemle Doctor of Philosophy Presented byRobert C. Baldridge, Dean	AWARDS TO GRADUATING STUDENTS <i>The Clinical Surgery Prize</i> in memory of Francis Medical College, 1910-1920. MATTHEW VINCENT DECARO, JR., (hon
College of Graduate Studies Doctor of Medicine	The Orthopaedic Surgery Prize, sponsored by Profe WILLIAM JOSEPH POLACHECK, JR., (hono
Presented by	The Urology Prize, awarded in memory of Theodor
The Oath of HippocratesJoseph J. RUPP, Professor of Medicine Jefferson Medical College	of Urology. THOMAS PATRICK LEHMAN, (honorable
Master of Science Presented byDean Baldridge	The Edward J. Moore Memorial Prize in Pediatrics JANE MARIE MOONEY, (honora
CONFERRING OF HONORARY DEGREES PRESIDENT BLUEMLE JOE HENRY COLEY, Physician, Dedicated Alumnus, Doctor of Science	The Henry Keller Mohler Memorial Prize in There of his wife, Natalie, to honor Henry Keller Mohler, M.I DONNA MIEDAMA PFAFF, (honorable
Presented by: JOHN H. HODGES, Ludwig A. Kind Emeritus Professor of Medicine, Jefferson Medical College MARVIN WACHMAN, Academic Statesman, Doctor of Science	The S. MacCuen Smith Memorial Prize in Otology of her father.
Presented by: FREDERIC L. BALLARD, Chairman, Board of Trustees, Thomas Jefferson University	MARGARET MARY FLANAGAN, (honor
ROBERT I. WISE, Physician, Teacher, Doctor of Science Presented by: FRANCIS J. SWEENEY, JR., Vice President for Health Services and Hospital Director,	The Carroll R. Mullen Memorial Prize in Ophthaln DAVID LESTER DICKENSHEETS, (
Thomas Jefferson University	The Obstetrics and Gynecology Prize sponsored by gomery, M.D., Emeritus Professor of Obstetrics and Gy
JOHN R. HOGNESS, Medical Leader, Doctor of Letters Presented by: WILLIAM F. KELLOW, Dean and Vice President, Jefferson Medical College	JOSEPH G. GROVER, (honorable men The Baldwin L. Keyes Prize in Psychiatry, given a
ADDRESSJohn R. Hogness	Mae K. Levit, in honor of Baldwin L. Keyes, M.D., Sc.I BARRY WILLIAM ROVNER, (honorable menti
BENEDICTION	The William Potter Memorial Prize in Clinical M Potter Wear for highest attainment.
RECESSIONAL	JOHN JACOB WOOG, (honorable men
W. ERNEST WELLS, Organist	The Alumni Prize, awarded by Jefferson Medical record. JOHN JACOB WOOG, (honorable mention:
Marshal	The Louis B. Swisher, Jr. Memorial Prize in Anesth
FRANCIS J. SWEENEY, JR.	SUSAN GORI
Faculty Marshals	The Philip J. Hodes Prize in Radiology. MADELEINE RITA FISHER, (honorable me
JOSEPH S. GONNELLA JOHN H. KILLOUGH ROBERT J. MANDLE JAMES H. ROBINSON	The E. Harold Hinman Memorial Prize, sponsored

Student Marshals

JOHN DAVID ANGSTADT Jefferson Medical College

JEROME G. BUESCHER College of Graduate Studies

The audience is requested to remain seated during the Academic Procession and Recession.

The Arthur Krieger Memorial Prize in Family Medicine, sponsored by family and friends in memory of Arthur Krieger, M.D.

GERARD FRANCIS KLINZING, (honorable mention: RANDY R. WESTGATE)

# and PRIZES

rcises on Thursday, June 5, 1980

or Distinguished Teaching. Professor of Anatomy B., M.D., Clinical Assistant Professor of Psychiatry and

is Torrens Stewart, M.D., Professor of Surgery, Jefferson

onorable mention: JOHN EDWARD WIDGER)

ofessor John J. Gartland, M.D.

norable mention: MARK DOUGLAS CHILTON)

dore R. Fetter, M.D., The Nathan Lewis Hatfield Professor

ble mention: HAYNES BURKE CATES, JR.) rics.

orable mention: JOHN JACOB WOOG)

erapeutics, sponsored by Mr. Jesse Hubschman in memory AD.

e mention: LAWRENCE PAUL BRESSLER)

ogy, sponsored by Mrs. Stuart Lodge Bullivant in memory

norable mention: DANIEL BRADY MINGLE)

almology.

(honorable mention: GARY DUKART)

by Mrs. Sarah George Miller in honor of John B. Mont-Gynecology.

nention: JOHN WESLEY CLAYTON, III)

annually by Mr. Joseph H. Levit in memory of his wife, c.D., Emeritus Professor of Psychiatry. ntion: HENRY ALEXANDER DOENLEN, III)

Medicine, award given from a bequest of Mrs. Adaline

nention: JOHN WESLEY CLAYTON, III)

al College Alumni Association for the highest cumulative

on: THADDEUS STANLEY NOWINSKI)

esthesiology. RDON KAPLAN

#### mention: HORACE FREDERICK MARTIN, III)

The E. Harold Hinman Memorial Prize, sponsored by family and friends in memory of E. Harold Hinman, Ph.D., M.D., M.P.H., Emeritus Professor of Preventive Medicine. S. GEORGE KIPA

The Leopold Goldstein Memorial Prize in Obstetrics and Gynecology, sponsored by family and friends in memory of Leopold Goldstein, M.D., for the highest average in Obstetrics and Gynecology. JOHN WESLEY CLAYTON, III, (honorable mention: JOSEPH G. GROVER)

The Arthur Krieger Memorial Prize in Neurology, sponored by family and friends in memory of Arthur Krieger, M.D.

#### MADELEINE RITA FISHER

The Dean Marie Banes Memorial Prize in Pediatrics, sponsored by family and friends in memory of Dean Marie Banes, M.D., a graduate of the Class of 1973, for excellence in Pediatrics.

JEAN HAMILTON FETZER, (honorable mention: ANDREA JOYCE BECKER)

The Hubert Spencer Sear Memorial Prize in Radiology, sponsored by family and friends in memory of Hubert Spencer Sear, M.D., a graduate of the Class of 1950.

CHARLES MICHAEL HOLDSWORTH, (honorable mention: PATRICIA ELLEN CLANCY)

The Alexander and Lottie Katzman Award in Gastroenterology. Sponsored by Dr. and Mrs. Joseph Medoff in memory of Mrs. Medoff's parents. Awarded to the student who has shown the greatest proficiency in Gastroenterology as judged by the faculty of this division.

ROBERT FRANK WERKMAN, (honorable mention: CHARLES MICHAEL HOLDSWORTH)

The Paul D. Zimskind Memorial Prize in Urology, sponsored by the National Urologic Forum, in memory of Paul D. Zimskind, M.D., Ph.D., The Nathan Lewis Hatfield Professor of Urology, for academic excellence in the urologic field.

JAMES FRANCIS SQUADRITO, JR., (honorable mention: KENNETH MARTIN WEISMAN)

The Philip and Bella Medoff Memorial Prize is sponsored by their son Joseph Medoff, M.D., his wife and children. The prize is given to a senior medical student who is a member of the Hobart Amory Hare Medical Society and who is recommended by the Magee Professor of Medicine and the faculty advisor of the Society for excellence in Internal Medicine and outstanding contributions to the Society.

THADDEUS STANLEY NOWINSKI, (honorable mention: DONALD PETER DeLORENZO, JR.)

The George J. Willauer Prize in General Surgery. Established as a perpetual memorial by the family, friends and patients of Dr. George J. Willauer, former Clinical Professor of Surgery and a member of the surgical faculty from 1927 to 1977. Given to the graduating student for excellence in the field of General Surgery during his clinical years at Jefferson.

JOHN CHARLES WAIN, JR., (honorable mention: NICHOLAS ALLEN TEPE)

The Lemmon Prize in Anesthesiology is awarded from an endowment established by members of the family of Dr. William Lemmon, Sr., who was Professor of Surgery and a member of the faculty at Jefferson Medical College from 1923 to 1964. The Lemmon Prize is given to a graduate who has done original clinical work or writing in the field of Anesthesiology.

DAVID MORTON ROBINSON, II, (honorable mention: GAIL SANDRA GREENSPAN)

The Hyman Menduke Research Prize is sponsored by Dr. Michael LeWitt of the Class of 1974 and is awarded to a graduating senior who, as determined by the Committee on Research of the Faculty, has demonstrated excellence in research while a student at Jefferson Medical College.

LAWRENCE MILBOURNE MATTHEWS, JR., (honorable mention: JOHN JACOB WOOG)

Upjohn Achievement Award to be given to a Senior Medical Student who shows outstanding all-around achievement in Clinical proficiency.

EDWARD JOHN McGINNIS, (honorable mention: STEPHEN ANTHONY GERACI)

 The Janet M. Glasgow American Medical Women's Association Scholarship Achievement Citation.

 MADELEINE RITA FISHER
 JEAN LINETTE GREM

 RAE ANITA JOSELSON
 MARGARET GAIL MURPHY

 DONNA MIEDAMA PFAFF

The Lange Medical Publications Prizes to each of two outstanding Senior Students. A gift of four Lange Publications books.

JOSEPH GERARD SODROSKI and JOHN EDWARD WIDGER

W. B. Saunders Company Prize to an outstanding student in the Senior Year. Medical Publications. ANDREA JOYCE BECKER

The C. V. Mosby Company Prize. Awarded to three outstanding graduates. MARTIN KEITH FALLOR JEAN LINETTE GREM WILLIAM NEUHARD LOELIGER

The Rittenhouse Book Store Prize to a graduating student who has made a significant contribution to the College.

MARTIN JOSEPH CARNEY

#### DOCTOR OF SCIENCE—JOE HENRY COLEY

Joe Henry Coley was born in Alexander City, Alabama. When he was two years old his father, a graduate of Jefferson Medical College, Class of 1880, moved the family of nine children to Oklahoma City, Oklahoma, where the senior Doctor Coley practiced medicine until the age of 89 years. It was in this environment that Joe Henry Coley was raised, attended school, and received his Bachelor of Arts degree from the Oklahoma City University in 1930. He earned his Doctor of Medicine degree from Jefferson Medical College in 1934 where he was a member of the Phi Beta Pi and Kappa Beta Phi fraternities. He subsequently interned at St. Luke's Hospital in Bethlehem, Pennsylvania, and did post-graduate work at the University of Oklahoma.

Doctor Coley has continued to practice medicine in Oklahoma City, following in the footsteps of his father and specializing in Obstetrics and Gynecology. He started teaching at the University of Oklahoma School of Medicine in 1937 and presently is an Emeritus Professor of Obstetrics and Gynecology at that institution. Doctor Coley has served on the staffs of Children's Memorial Hospital, the Hospital of the University of Oklahoma, and the Presbyterian Hospital, of which he is a corporate member.

Doctor Coley volunteered for service in the United States Navy in 1939, following a family tradition—one brother is a Rear Admiral and another is a Captain. He was the first physician called to active duty from Oklahoma in World War II. This service spanned the years from 1941 through 1945, first with the United States Marine Corps in the South Pacific, including New Zealand, and later with the Navy in San Diego, and the Bureau of Medicine and Surgery in Washington, D.C. After the war he was a volunteer medical officer for the United States Marine Corps Reserve Unit, in Oklahoma City and presently is a Commander, Medical Corps, United States Navy, Retired.

Doctor Coley, in addition to his memberships in many medical societies, has devoted much time and energy to civic endeavors. He is Chairman of Teachers Retirement, Medical Board of the State of Oklahoma; an Elder in the Central Presbyterian Church; a founder of the Osler Society, Sportsmans Club and Embassy Club of Oklahoma City; and a founder of Midwest City, Oklahoma.

Doctor Coley's love for Jefferson and his knowledge of its history is equalled only by his endeavors for his Alma Mater. He was a close friend, confidant, and advisor to Jefferson's past President, the late Peter A. Herbut, and is a member of the University's Founders Society. His Alumni activities have included service as Class Agent, member of the Executive Committee of the Alumni Association, and Vice President for the State of Oklahoma. The success of Jefferson's Sesquicentennial Fund Drive was greatly enhanced by his Chairmanship of the Alumni Section. He was selected by the Alumni Association to serve as Alumni Trustee on the Board of Trustees of Thomas Jefferson University, a responsibility he held for six and one-half years—the longest ever served by an Alumni Trustee. During his term as Trustee, which entailed regular commuting between Oklahoma City and Philadelphia, he was particularly interested in the planning for the new Jefferson Hospital, the medical curriculum of Jefferson Medical College, and the caliber of its students. Perhaps Doctor Coley's feelings for Jefferson are best summarized in his own words, "I have a deep sense of moral responsibility to this institution. It gave me a marvelous education, for which I am and shall be forever grateful."

Joe Coley's life has been greatly enriched by his wife, Sarah Billups Coley. Doctor and Mrs. Coley have four children, three daughters and a son.

#### DOCTOR OF SCIENCE-MARVIN WACHMAN

A native of Milwaukee, Wisconsin, Marvin Wachman received his Bachelor's and Master's Degrees from Northwestern University where he was elected to Phi Beta Kappa. He received his Doctor of Philosophy Degree at the University of Illinois in 1942 following which he served with the United States Army in France and Germany during World War II. He began his career in education at the University of Illinois and has served on the faculties of the American University of Biarritz, France; Colgate University; and as a visiting professor at San Diego State College and the University of Minnesota. His particular interest has been in the history of the culturally deprived and the involvement of the urban community in higher education.

In 1961, his leadership qualities in education were recognized when, as a young professor of history at Colgate University, he was selected to be the President of Lincoln University, Pennsylvania. Doctor Wachman's years at Lincoln were distinguished by his ability to maintain tranquility on the campus while continuing to develop a high degree of academic excellence in the school. In 1970 he moved to Temple University as Vice President for Academic Affairs and in 1973 he was appointed President of Temple—the position he holds today.

Doctor Wachman, while administering to the needs of Temple, has been deeply involved in the activities of greater Philadelphia. He has served as a trustee of Thomas Jefferson University, the Academy of Music of Philadelphia, the African State Aid Fund, the Abington Memorial Hospital, the Jewish Publication Society of America, and many others. He is a director of the African Academy of Arts and Research, Inc., the Bell Telephone Company of Pennsylvania, the Greater Philadelphia Partnership, the Philadelphia Saving Fund Society, and the Philadelphia Urban Coalition. He also serves as a member of the overseers for the College of the Virgin Islands. His memberships include the National Association for the Advancement of Colored People, the American Association of University Professors, the American Historical Association, and the American Civil Liberties Union.

Doctor Wachman has made a number of contributions to the literature in education.

He is married to the former Adeline Lillian Schpok and they are the parents of two daughters.

#### DOCTOR OF SCIENCE-ROBERT IRBY WISE

Robert Irby Wise, a native of Barstow, Texas, received his preliminary education in the schools of Texas and was awarded his Bachelor of Arts degree from the University of Texas at Austin where he developed his interest in bacteriology and immunology. He earned his Master of Science and his Doctor of Philosophy degrees in bacteriology from the University of Illinois. He then returned to Texas and began his career as a microbiologist and Director of Bacteriological and Serological Laboratories at the University of Texas Hospitals in Galveston. During this period he developed a keen interest in medicine, matriculated into the medical school at Galveston and received his M.D. degree.

Following graduation from medical school he served his internship at the United States Public Health Service Hospital in New Orleans, Louisiana. He served his residency in internal medicine at the University of Minnesota Hospitals where he began his research in staphylococcal disease at a time when illnesses caused by this organism were rampant in this country and abroad.

Doctor Wise came to Jefferson Medical College in 1955 as an Assistant Professor where he continued his research in staphylococcal disease and anti-microbial therapy. During the ensuing years his research brought him national acclaim and recognition by his peers. He was selected by the Board of Trustees of Jefferson to be the Magee Professor of Medicine and Chairman of the Department in 1959—the position he retired from in 1975.

The Wises then returned to Maine where he and his family had spent a number of summer vacations. However, opportunity again beckoned and he joined the staff of the Veterans Administration Medical Center in Togus, Maine, where he is now the Chief of Staff and where he has continued his productive research in infectious diseases.

Robert Wise has received numerous awards, including the Ashbell-Smith Distinguished Alumni Award, University of Texas at Galveston, and the Julius W. Strumer Memorial Lecture Award, American College of Pharmacy and Science. He has served as a Visiting Professor of Medicine in a number of universities both in the United States and abroad. His portrait was presented to Thomas Jefferson University by his colleagues and friends in 1976 and hangs in the Jefferson Medical College.

Doctor Wise is a member of many societies and organizations, including Alpha Omega Alpha, the honorary medical society; the Association of American Physicians; the Infectious Diseases Society of America; the Philadelphia College of Physicians; and the American College of Physicians where he was a member of the editorial board of the ANNALS OF INTERNAL MEDICINE. Doctor Wise has also served as a member of the Boards of Drexel University and the Magee Memorial Hospital. He has made many significant contributions to the medical literature.

He is married to Mary Catherine Dosterschill and they are the parents of one daughter and two sons.

#### DOCTOR OF LETTERS—JOHN RUSTEN HOGNESS

John Rusten Hogness was born in Oakland, California, attended Haverford College and the University of Chicago where he received his Bachelor of Science degree in Chemistry in 1943 and his Doctor of Medicine degree in 1946. He interned and served a residency in internal medicine at the Columbia-Presbyterian Medical Center in New York, and in 1950 became Chief Resident in Medicine at the Kings County Hospital in Seattle. Following this he served a Fellowship in endocrinology at the University of Washington. His career is distinguished by his accomplishments as a physician, as an investigator and author, and as an educator and leader in the fields of medicine, higher education generally, and health care.

While a medical officer in the United States Army during the years 1947-1949, he was assigned to the Atomic Energy Commission in Los Alamos and later to the Department of Research and the Graduate School at Walter Reed Army Hospital in Washington.

Doctor Hogness' academic career began at the University of Washington in 1950 where he was appointed to the faculty as an Assistant in Medicine. During subsequent years he was promoted through successive ranks to Professor of Medicine in 1964. His career as an administrative leader in medicine also began at the University of Washington where he was appointed Medical Director of the University Hospital in 1958, Assistant Dean of the School of Medicine in 1959, and Dean of the School of Medicine in 1964. He was appointed Chairman of the Division of Health Sciences for the university that same year and Executive Vice President of the university the following year. In 1970, Doctor Hogness was appointed Chairman of the Board of Health Sciences and Director of the Health Sciences Center at the University of Washington.

Doctor Hogness left the University of Washington in 1971 to become President of the Institute of Medicine of the National Academy of Sciences in Washington, D.C. In 1972 he became Professor of Medicine at George Washington University and a Trustee of Case Western Reserve University in the same year. In 1974 he returned to the University of Washington to become its President. He has also served as a member of the Advisory Board for the Biomedical Science Center at the City College of New York, and as a member of the Council for the Biological Sciences at the Pritzker School of Medicine at the University of Chicago. Doctor Hogness, in 1979, was selected as the President of the Association of Academic Health Centers—the position he holds today.

Included among Doctor Hogness' long list of honors are honorary degrees from the Medical College of Ohio, Haverford College, and George Washington University. In 1976 he was named the Johns Hopkins University Centennial Scholar and two years later he was selected the Cartwright Medalist of Columbia University College of Physicians and Surgeons.

He has been a consultant to the Atomic Energy Commission, the Veterans Administration, the Surgeon General of the Army, and the Public Health Service. He belongs to a large number of organizations including Alpha Omega Alpha, the honorary medical society; the American College of Physicians; the Association of American Medical Colleges, which he served as a member of its Executive Council; the American Archaeological Society; the Institute of Medicine of the National Academy of Sciences; the Association of American Physicians; the Royal Society of Medicine of London; and the American Academy of Arts and Sciences.

NANCY BLACK MORROW	.Wilmington,	DE
MARGARET GAIL MURPHY	.Wilmington,	DE
MICHAEL ANDREW MURPHY	Conestoga,	PA
DAVID BRUCE NAGEL		
MARK CHARLES NORRIS	. Philadelphia,	PA
THADDEUS STANLEY NOWINSKI	Wilkes-Barre,	PA
RAYMOND FRANCIS NUNGESSER	Brookville,	PA
JEREMIAH FRANCIS O'BRIEN	Springfield,	PA
THOMAS ANDREW OWENS	Pittsburgh,	PA
SUSAN BETH PACKER	Oreland,	PA
JAMES PATRICK PASKERT	Dunmore,	PA
RICHARD J. PERRY	. Elkins Park,	PA
DONNA MIEDAMA PFAFF	Morrisville,	PA
DAVID FRANCIS PODRASKY	.Washington,	PA
WILLIAM JOSEPH POLACHECK, JR	. Wilkes-Barre,	PA
BERNARD CARL PROY, JR	Hopwood,	PA
WANDA TERESA RACZKOWSKI	. Haddonfield,	NJ
JOHN FRED REINHARDT Hunti	ingdon Valley,	PA
GEORGE FRANKLIN RISI	Indialantic,	FL
MARIANNE THERESA RITCHIE	Drexel Hill,	PA
DAVID MORTON ROBINSON, II	Bridgeport,	wv
CATHERINE THOMAS ROMMEL	Aliquippa,	PA
D. GWENDOLYN Ross	Wilmington,	DE
BARRY WILLIAM ROVNER	Cherry Hill,	NJ
GRACE FRANCES ROZYCKI	Ashley,	PA
ELLIS DONELL RUCKER	. Los Angeles,	CA
JAMES PAUL RUPP	. Philadelphia,	PA
RICHARD ROBERT SANDROWICZ	Scranton,	PA
MICHAEL PAUL SAVAGE	Plymouth,	PA
ALBERT FREDRICK SCARIATO	. Philadelphia,	PA
ROBERT MARTIN SCHAEFER	Glen Lyon,	PA
BERNARD CHRISTOPHER SCHERER	Greensburg,	PA
STEPHEN MICHAEL SCHWARTZ	Lafayette Hill,	PA
DANIEL PAUL SCHWEICHE	ast Petersburg,	PA

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

STEPHEN M. EATON (Biochemistry) ..... Philadelphia, PA Thesis Title: "Isolation of an Antigen-Binding Material from Cultured Murine T-Lymphocytes."

M. ANN MACGREGOR STONG (Microbiology) ...... Philadelphia, PA Thesis Title: "The Effects of Various Lab Chows on Murine Malaria Infections."

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE (CLINICAL MICROBIOLOGY)

PAUL L. CERWINKA Gladwyne,	PA
MARGARET L. DIGIOVANNI Eagleville,	PA
FIORINA ANTONETTE FAONE	NJ
MARILYN CHESLER HAILPERIN Maple Shade,	NJ
LINDA L. KAMMERDIENER Philadelphia,	PA
CECELIA WEIDMANN LANDIN Philadelphia,	PA

JAMES LESTER SECHLER	Polk PA
ARTHUR HOWARD SHEDDEN	Sharpsville PA
EVERETT RONALD SIEGEL	Cheltenham PA
GARY JOHN SILKO	Monessen PA
ALBERT SIMPKINS, JR.	Philadelphia PA
BARRY JAMES SNYDER	
ROBERT JON SNYDER	
JOSEPH GERARD SODROSKI	
JOSEPH GERARD SODROSKI	Baltimore MD
PATRICK SOKAS	Driello NI
MARIE VIRGINIA SPAGNOLI	
JAMES HERBERT SPIGEL	
JAMES FRANCIS SQUADRITO, JR.	
PAUL EDMUND STANDER	
JOHN ROBERT STARYNSKI	Philadelphia, PA
NICHOLAS ALLEN TEPE	. Wilmington, DE
ROBERT FARRINGTON THOMAS, JR	Southampton, PA
RICHARD S. TOOF	
MARTIN DREW TRICHTINGER	
DANIEL ETIM UDOFA	. Philadelphia, PA
ROBERT LEO VANDERLIN, II	Williamsport, PA
STEPHEN ROBERT VERBECK	Flemington, PA
JERE L. WAGNER	
JOHN CHARLES WAIN, JR Wes	
RAYMOND MICHAEL WARGOVICH	
KENNETH MARTIN WEISMAN	
ROBERT FRANK WERKMAN	
RANDY R. WESTGATE	
CAROL ANNE WHEELER	Wayne, PA
JOHN EDWARD WIDGER	Catawissa, PA
CLARA DELOIS WILLIAMS	
JAMES ASHLEY WILSON, II	Pittsburgh, PA
TERRENCE JAMES WILSON New	vtown Square, PA
JOHN JACOB WOOG	
GLENN ALAN ZERBY	

STEPHEN JAMES MACHUGA Philadelphia, PA
ROBERT ANTHONY MOYER Altoona, PA
MICHAEL ANTHONY PENTELLA King of Prussia, PA
ROBERT A. PROVENCHER Swedesboro, NJ
RITA LOUISE RHOADS Philadelphia, PA
MILDRED VENAFRO RUANE Cornwells Heights, PA

#### CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

WILLIAM JOSEPH ADAMS, JR. (Pathology)
GARY JOSEPH FISCHMAN (Pathology)
JOSEPH CHARLES GERBER, III (Pharmacology)
ROBERT MARC GORSEN (Pharmacology)
DAVID HENRY HAENICK (Pharmacology)
KIM DAVID LAMON (Pharmacology) Philadelphia, PA Thesis Title: "Evaluation of Arginyl-tRNA Transferase as a Marker of Cellular Senescence."
STEPHEN LATIMER LONGACRE (Pharmacology)
BARBARA VIVIENNE PAYNTON (Anatomy)
STEVEN H. ROBISON (Pathology)
JOEL EDWARD SHAFFER (Pharmacology)
ADELAIDE MORAN SIEGL (Pharmacology) Philadelphia, PA Thesis Title: "Identification of Prostaglandin Receptors on Platelets and Their Interaction with Adenylate Cyclase."
JOHN W. SWANSON (Physiology) Philadelphia, PA Thesis Title: "Effect of RBC's and Globulin on Isolated Perfused Kidney Function."
Score Aperum Wallbuch (Apotomy) Oceanside NY

SCOTT ARTHUR WALDMAN (Anatomy) ..... Oceanside, NY Thesis Title: "Studies of Selected Lipids and Their Metabolism in Plasma Membranes Isolated from Rat Embryos."

#### CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

CHARLES ERNST ABRAHAMSEN
SETH ALAN ADELMANPhiladelphia, PA
ROBERT BAKER ALLENRehoboth Beach, DE
MARK EARL ANDERSONJamaica, NY
WILLARD GUY ANDREWS, IIICambridge, MD
RAYMOND CARL ANDRIESNorristown, PA
LEE KUEI WEN AU Honolulu, HI
JOHN DENZIL BABBBrooklyn, NY
JAMES DONALD BALSHIBethlehem, PA
ANDREA JOYCE BECKERPhiladelphia, PA
FREDERICK LUTHER BECKER, JR Warrington, PA
STEPHEN THOMAS BELLReading, PA
GARY A. BESTE Greenville, DE
THOMAS K. BILLS Philadelphia, PA
JOHN JOSEPH BONNER Cornwells Hgts., PA
WILLIS SCOTT BOYDCarlton, PA

KEVIN MICHAEL BOYLEGlenolden, PA
BEDFORD FORREST BOYLSTON
LAWRENCE PAUL BRESSLER
ARTHUR H. BROWNSTEIN Santa Monica, CA
WILLIAM ROBERT CAMBRIDGEClinton, MA
MARIO DOMINICK CAPPARUCCINI, JR Wilmington, DE
MATTHEW HENRY CARABASIRosemont, PA
HUGH MICHAEL CARLIN Levittown, PA
MARTIN JOSEPH CARNEY Providence, RI
HAYNES BURKE CATES, JRWilmington, DE
MARK DOUGLAS CHILTON Newport, PA
PATRICIA ELLEN CLANCYSt. Davids, PA
JOHN WESLEY CLAYTON, III Newark, DE
WILLIAM TUCKETT CLEMENTSSouderton, PA
FRANK DAVID CLIFFORD Maple Glen, PA
JOSEPH RAYMOND CODISPOTIAndalusia, PA

JEFFREY BRAIT COHN	Wynnewood, PA
JOHN CLAIR COLLINGWOOD	
FRANK LAWRENCE CONLY	
ANNE ELIZABETH CONNOR	Wynnewood, PA
JOSEPH VINCENT CONROY, III	Philadelphia, PA
THOMAS ROBB CORLEY	
GAIL CAROL ORNER CORRADO	
STEVEN KENNEDY CORSE	
JONATHAN MICHAEL COX	
REGINA MARIA CUDEMO	
PAUL FREDERICK CURTIS	Willinghoro MI
PAUL FREDERICK CORTIS	Dhiledelahie DA
MATTHEW VINCENT DECARO, JR.	
LINDA ROSE DEGAETAD	
DONALD PETER DELORENZO, JR	
JOSEPH MICHAEL DEVLIN Wash	
DAVID LESTER DICKENSHEETS . Hilt	
HENRY ALEXANDER DOENLEN, III	
KARL DOGHRAMJI	Havertown, PA
BRUCE ROSS DOOLEY	Malvern, PA
GARY DUKART	Wilmington, DE
WILLIAM F. DUNNN	
CHARLES JOSEPH DUNTON Washi	
RONALD NOEL EISTER	
ROBERT MARVIN EPSTEN, JR	
JOHN PAUL ERDMAN	
MARTIN KEITH FALLORP	
JEAN HAMILTON FETZER	
RICHARD NATHAN FINEGOLD	Pittsburgh, PA
DANIEL LOGAN FISHER	
MADELEINE RITA FISHER	
DAVID JEROME FISHMAN	Long Beach, CA
Manager Manager Francisco (	
MARGARET MARY FLANAGAN	Cornwells Hgts., PA
GARY MICHAEL FLASHNER	Erdenheim, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG	Erdenheim, PA Honolulu, HI
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE	Erdenheim, PA Honolulu, HI Somerset, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA Sceola Mills, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA Sceola Mills, PA .Ormond Beach, FL
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA Sceola Mills, PA .Ormond Beach, FL
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA San Antonio, TX
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA San Antonio, TX Haddonfield, NJ
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA Forty Fort, PA San Antonio, TX Haddonfield, NJ Lowell, MI
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Nonessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA Forty Fort, PA San Antonio, TX Haddonfield, NJ Lowell, MI Lowell, MI
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Notley, NJ Nutley, NJ Nut
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Nonessen, PA Nutley, NJ Nutley, NJ Nutley, NJ Nutley, NJ Nutley, NJ Nove, PA Nove, PA San Antonio, TX Lowell, MI Lowell, MI Dak Park, IL 
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Nonessen, PA Nutley, NJ Wyncote, PA Nutley, NJ Wyncote, PA San Antonio, TX Haddonfield, NJ Lowell, MI Philadelphia, PA Oak Park, IL Bethlehem, PA Philadelphia, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Noutley, NJ Nutley, NJ Nutley, NJ Wyncote, PA Norty Fort, PA Secola Mills, PA Ormond Beach, FL San Antonio, TX Lowell, MI Lowell, MI Dathlehem, PA Oak Park, IL Bethlehem, PA Somerville, NJ
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Notessen, PA Nutley, NJ Wyncote, PA Nutley, NJ Wyncote, PA Secola Mills, PA Lowell, MI Lowell, MI Lowell, MI Lowell, MI Dak Park, IL Bethlehem, PA Oak Park, IL Bethlehem, PA Somerville, NJ Oil City, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD BEVERLY LOUISE HERSHEY	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Notley, NJ Nutley, NJ Wyncote, PA Nutley, NJ Wyncote, PA San Antonio, TA Cosceola Mills, PA Cormond Beach, FL San Antonio, TX Lowell, MI Lowell, MI Oak Park, IL Bethlehem, PA Oak Park, IL Bethlehem, PA Oil City, PA Oil City, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD BEVERLY LOUISE HERSHEY ROBERT GEORGE HILL, JR	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Nutley, NJ Wyncote, PA San Antonio, TA Cosceola Mills, PA Cosceola Mills, PA Cosceola Mills, PA Cosceola Mills, PA Cosceola Mills, PA Cowell, MI Lowell, MI Cok Park, IL Bethlehem, PA Somerville, NJ Coil City, PA 
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD BEVERLY LOUISE HERSHEY ROBERT GEORGE HILL, JR TYRIE LEE JENKINS HILLER	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Nutley, NJ Wyncote, PA Forty Fort, PA San Antonio, TX Haddonfield, NJ Oak Park, IL Bethlehem, PA Somerville, NJ Oil City, PA Broomall, PA Bethlehem, PA Bethlehem, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD BEVERLY LOUISE HERSHEY ROBERT GEORGE HILL, JR TYRIE LEE JENKINS HILLER CHARLES MICHAEL HOLDSWORTH .	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Forty Fort, PA San Antonio, TX Haddonfield, NJ Lowell, MI Oak Park, IL Bethlehem, PA Somerville, NJ Oil City, PA Broomall, PA Bethlehem, PA Bethlehem, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD ROBERT GEORGE HILL, JR TYRIE LEE JENKINS HILLER CHARLES MICHAEL HOLDSWORTH . JAMES THOMAS HOPKINS	Erdenheim, PA Honolulu, HI Somerset, PA Blandford, MA Philadelphia, PA Greenville, PA Monessen, PA Nutley, NJ Wyncote, PA Nutley, NJ Wyncote, PA Sorty Fort, PA Soceola Mills, PA Soceola Mills, PA San Antonio, TX Haddonfield, NJ Lowell, MI Lowell, MI Dak Park, IL Bethlehem, PA Somerville, NJ Oil City, PA Broomall, PA Bethlehem, PA Bethlehem, PA Bethlehem, PA Bethlehem, PA Bethlehem, PA Bethlehem, PA Bethlehem, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JAMES IRWIN HEALD BEVERLY LOUISE HERSHEY ROBERT GEORGE HILL, JR TYRIE LEE JENKINS HILLER CHARLES MICHAEL HOLDSWORTH . JAMES THOMAS HOPKINS DA-SHIH HU	Erdenheim, PA    Honolulu, HI    Somerset, PA    Somerset, PA    Somerset, PA    Somerville, PA    Monessen, PA    Nutley, NJ    Wyncote, PA    Nortley, NJ    Wyncote, PA    Sorty Fort, PA    Sorty Fort, PA    Osceola Mills, PA    Ormond Beach, FL    San Antonio, TX    Lowell, MI    Lowell, MI    Dathelphia, PA    Oak Park, IL    Bethlehem, PA    Oil City, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JOSEPH G. GROVER JAMES IRWIN HEALD ROBERT GEORGE HILL, JR TYRIE LEE JENKINS HILLER CHARLES MICHAEL HOLDSWORTH . JAMES THOMAS HOPKINS	Erdenheim, PA    Honolulu, HI    Somerset, PA    Somerset, PA    Somerset, PA    Somerville, PA    Monessen, PA    Nutley, NJ    Wyncote, PA    Nortley, NJ    Wyncote, PA    Sorty Fort, PA    Sorty Fort, PA    Osceola Mills, PA    Ormond Beach, FL    San Antonio, TX    Lowell, MI    Lowell, MI    Dathelphia, PA    Oak Park, IL    Bethlehem, PA    Oil City, PA
GARY MICHAEL FLASHNER JEFFREY SUNKEONG FONG JOHN ALLEN FRIEDLINE BARBARA GRUGAN FRIEMAN DAVID ROBERT GASTFRIEND HARRY FALCK GEBERT SUSAN MARY GELETKA STEPHEN ANTHONY GERACI RICHARD MARK GERBER KEVIN JOSEPH GILL LEWIS MARTIN GILL THURMAN GILLESPY, III PAUL LEROY GORSUCH, JR THOMAS ANTHONY GRABIAK ALAN DARYL GRAHAM GAIL SANDRA GREENSPAN JEAN LINETTE GREM THOMAS DANIEL GRIFFIN MICHAEL JAMES GRIMES JAMES IRWIN HEALD BEVERLY LOUISE HERSHEY ROBERT GEORGE HILL, JR TYRIE LEE JENKINS HILLER CHARLES MICHAEL HOLDSWORTH . JAMES THOMAS HOPKINS DA-SHIH HU	Erdenheim, PA    Somerset, PA    Somerset, PA    Somerset, PA    Somerset, PA    Nutley, NJ    Wyncote, PA    Nutley, NJ    Wyncote, PA    Sorty Fort, PA    Sorty Fort, PA    Osceola Mills, PA    Ormond Beach, FL    San Antonio, TX    Haddonfield, NJ    Lowell, MI    Philadelphia, PA    Oak Park, IL    Bethlehem, PA    Oil City, PA    Broomall, PA    Broomall, PA    Bethlehem, PA

BARRY JAY JACOBSON .....Broomall, PA EDWARD J. JAHNKE ......Santa Barbara, CA EDWARD HIRSH JASPER ..... Philadelphia, PA RAE ANITA JOSELSON .....Perth Amboy, NJ NEERAJ KUMAR KANWAL .....State College, PA ELIOT FREDRIC KAPLAN ......Philadelphia, PA SUSAN GORDON KAPLAN ..... Freeport, NY PAUL ANTHONY KEARNEY, JR. ..... Short Hills, NJ ROBERT SCOTT KIEFNER .....Jenkintown, PA S. GEORGE KIPA ..... Allentown, PA GERARD FRANCIS KLINZING ......Freeport, PA JEROME LEE KORINCHAK ......Coalport, PA MICHAEL STEWART KORNHAUSER .... Wynnewood, PA JOYCE ANN KORVICK ...... Wexford, PA MICHAEL LANCE KRALL ..... West Hartford, CT MARK JEFFREY KRAWITZ ..... Allentown, PA CHRISTINE MARGRETHE KUHNLE .... Philadelphia, PA MITCHELL SCOTT KUSHNER ..... Great Neck, NY ROBERT ALAN LAWLER .....Cleveland, OH ROBERT DAVID LEHMAN, JR. ..... Meadowbrook, PA THOMAS PATRICK LEHMAN ..... Gwynedd Valley, PA WILLIAM RANDOLPH LEISNER ..... Audubon, PA NYOK KHENG LIM ...... Wvnnewood, PA ANGELA ELIZABETH LIN ......Rydal, PA EDWIN PAUL LITTLE ......Berkeley Heights, NJ JAMES WILLIAM LOCKARD, JR. ..... Havertown, PA WILLIAM NEUHARD LOELIGER ..... Broomall, PA GARY LOH ......Gary, IN WILLIAM JEFFREY LOVETT ..... Newark, DE LEONARD ERIC MALIVER ..... Rego Park, NY STEPHANIE MALLEUS ......Dover, DE GENE ANTHONY MARCELLI .....Jeannette, PA WALTER FRANCIS MARCHLEWSKI, JR. . Wilmington, DE RICHARD PRICE MARGOLIES ...... West Chester, PA ERIC JOSEPH MARGOLIS .....Carroll Park, PA ROBERT JOSEPH MARO, JR. ..... Cherry Hill, NJ HORACE FREDERICK MARTIN, III ...... Modena, PA BARBARA GERARDINE MATTHEWS .... Philadelphia, PA LAWRENCE MILBOURNE MATTHEWS, JR. Philadelphia, PA HENRY LINEINGER MAXWELL, JR. ... Wilmington, DE PAUL JAMES MCCREADY ......Wilmington, DE ELIZABETH ANN MCGUIRE .....Pittsburgh, PA MARGARET LOVE MCLAUGHLIN ..... Brigantine, NJ RAYMOND STEPHEN MCLAUGHLIN ..... Chester, PA WILLIAM ESTES MCLEMORE ..... Springfield, OH JOHN EDWARD MCMANIGLE ..... Emporium, PA ARTHUR WILLIAM MELLEN, IV ..... Bethlehem, PA M. DIANA METZGER ......Wilmington, DE FREDERICK EDWARD MILLARD ...... Montrose, PA STANTON BRUCE MILLER ..... Lafayette Hill, PA SHAHAB SAHAG MINASSIAN ..... Philadelphia, PA JANE MARIE MOONEY ..... Reading, PA

#### THE ACADEMIC COSTUME

The wearing of academic dress dates back to the early days of the oldest universities in the world. In the American Council on Education's book entitled "American Universities and Colleges" it is suggested that "gowns may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods seem to have served to cover the tonsured head . . ."

Throughout the years European universities have continued to show great diversity in their academic dress. American universities, on the other hand, when they decided to adopt academic dress about sixty years ago, immediately established a code of regulations which today is followed by almost all American institutions. The establishment of this code has made it possible to distinguish the Associates, Bachelors, Masters, and Doctors and at the same time recognize the university which has given them the degree.

The Associate in Arts and Bachelor's gowns have pointed sleeves and are worn closed. The Master's gown has eblong sleeves, open at the wrist. The rear part of its oblong shape is square cut and the front part has an arc cut away, and is worn open or closed. The Doctor's gown has bell-shaped sleeves. It is worn opened or closed. Cotton poplin or similar material is used for the Associate's, Bachelor's and Master's degrees, and rayon or silk ribbed material is used for the Doctor's degree. All gowns are black except for the Associates in Arts degree which is gray.

The hoods vary in length: 48 inches for the Doctor's degree, 42 inches for the Master's, and 36 inches for the Bachelor's and Associate's. All hoods are lined in silk in the academic color or colors of the institution conferring the degree. If the institution has more than one color, the colors are shown in divisions using chevrons. The binding or edge of the Doctor's, Master's and Bachelor's hoods are usually made of velvet in the color designating the subject in which the degree was granted. The Associate of Arts hood has no velvet border. The outside is black.

Black mortarboards are worn for all degrees.

#### THE JEFFERSON PROCESSIONAL

The Jefferson Processional was commissioned by the Alumni Association of Jefferson Medical College and played for the first time on November 15, 1974, at the Sesquicentennial Celebration of Jefferson Medical College of Thomas Jefferson University. This piece was presented to Thomas Jefferson University by the President of the Alumni Association of Jefferson Medical College, Dr. John J. Gartland. The composition was composed by Burle Marx.

#### THE PRESIDENTIAL BADGE OF THOMAS JEFFERSON UNIVERSITY

The President's Badge was created for the Inauguration of Lewis W. Bluemle, Jr., M.D., the third President of Thomas Jefferson University, on September 7, 1977. It consists of four official corporate seals of Thomas Jefferson University and the predecessor corporation, The Jefferson Medical College of Philadelphia. These seals were used to mark diplomas, certificates, and other official documents and have been gold-plated to form the Presidential Badge.

The medallion on the President's right is the corporate seal of Thomas Jefferson University today and was created in 1969 when Jefferson Medical College became Thomas Jefferson University. It carries a contemporary likeness of Thomas Jefferson.

The other three medallions are the various seals that were used in Jefferson Medical College for many years. The oldest marked every diploma that was issued by the College from 1839 to 1967. This seal carries a traditional likeness of a young Thomas Jefferson and the founding date of the College as 1826. Prior to 1839 the diploma of Jefferson Medical College carried the seal of the Jefferson College in Canonsburg, Pennsylvania—the parent institution.

Another seal was developed in 1967 as a result of research done by the late Edward L. Bauer, Emeritus Professor of Pediatrics, who determined that the founding year of Jefferson Medical College was 1824 rather than 1826. This seal is identical to the present corporate seal except the words "Thomas Jefferson University" replace "Jefferson Medical College". It was used for only two years—from 1967 to 1969.

The Presidential Badge is on permanent display in the Scott Library and is used at all convocations of the University.