

6-8-1973

1973 Commencement for Jefferson Medical College, College of Graduate Studies, and College of Allied Health Sciences

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149th
COMMENCEMENT



*Jefferson Medical College
College of Graduate Studies
College of Allied Health Sciences
of
Thomas Jefferson University*

1824-1973

*Friday, June Eighth
Nineteen Hundred and Seventy-Three
Half Past Ten O'clock*

The Academy of Music

PROCESSIONAL.....Trumpet VoluntaryJOHN STANLEY
Trumpet Voluntary in DPURCELL

THE NATIONAL ANTHEM

INVOCATIONREVEREND ROBERT J. GRUDOWSKI
St. John the Evangelist Church

CONVOCATION
Opening RemarksPETER A. HERBUT, *President*

CONFERRAL OF DEGREES IN COURSEPRESIDENT HERBUT
Doctor of Philosophy
Presented byROBERT C. BALDRIDGE, *Dean*
College of Graduate Studies

Doctor of Medicine
Presented byWILLIAM F. KELLOW, *Dean and Vice President*
Jefferson Medical College

The Oath of HippocratesGONZALO E. APONTE, *Professor of Pathology*
and *Chairman of the Department*,
Jefferson Medical College

Master of Science
Presented byDEAN BALDRIDGE

Bachelor of Science
Presented byJOHN W. GOLDSCHMIDT, *Dean*
College of Allied Health Sciences

CONFERRING OF HONORARY DEGREESPRESIDENT HERBUT

ALBERT J. NESBITT, *Life Trustee*, Thomas Jefferson University, **Doctor of Laws**
Presented by: WILLIAM W. BODINE, JR., *Chairman, Board of Trustees*, Thomas Jefferson University

ANDREW J. RAMSAY, *Emeritus Professor of Anatomy*, Jefferson Medical College, **Doctor of Science**
Presented by: WILLIAM A. SODEMAN, *Emeritus Dean and Emeritus Professor of Medicine*,
Jefferson Medical College

J. MONTGOMERY DEEVER, *Honorary Clinical Professor of Surgery*, Jefferson Medical College, **Doctor of Science**
Presented by: GEORGE J. WILLAUER, *Honorary Clinical Professor of Surgery*,
Jefferson Medical College

DAVID E. ROGERS, *President, The Robert Wood Johnson Foundation*, **Doctor of Science**
Presented by: Robert I. Wise, *Magee Professor of Medicine and Chairman of the Department*,
Jefferson Medical College

"MEDICINE AND CHANGE"DAVID E. ROGERS

BENEDICTIONREVEREND GRUDOWSKI

RECESSIONALPomp and CircumstanceELGAR
W. ERNEST WELLS, *Organist*

Marshal
FRANCIS J. SWEENEY, JR.

SAMUEL S. CONLY, JR. *Faculty Marshals*
ROBERT P. GILBERT JOSEPH S. GONNELLA

BRUCE G. SILVER *Student Marshals*
J.M.C. MICHAEL S. BLANK NANCY AGNES CALABRESE
C.G.S. C.A.H.S.

The audience is requested to rise when the Academic Procession enters the Auditorium, and at the close of the exercises, to stand at their seats until the recessional is completed.

AWARDS and PRIZES

Awarded at Class Day Exercises on Thursday, June 7, 1973

The Christian R. and Mary F. Lindback Awards for Distinguished Teaching to WARREN P. GOLDBURG, B.S., M.D., Clinical Associate Professor of Medicine and RONALD P. JENSH, B.A., M.A., Ph.D., Assistant Professor of Anatomy and Assistant Professor of Radiology.

The Albert Strickler Memorial Prize for the best essay on Cancer, to a Senior Student. Award given by Mrs. Albert Strickler.

DAVID ALEXANDER JACOBY
With Honorable Mention of: KATHLEEN WINIFRED McNICHOLAS

The Henry M. Phillips Prize for the graduate who is most worthy. Awarded upon the recommendation of the Professor of Medicine.

ANTON PETER KEMPS
With Honorable Mention of: BARRY GORDON

Practice Prize for the best essay on a subject pertaining to the Practice of Medicine. A Gold Medal, awarded by bequest of Dr. Francis W. Shain.

PAUL ANTHONY BIALAS
With Honorable Mention of: LAURENCE JAY MILLER
and ALAN STUART JOSSELSO

The Henry M. Phillips Prize for the graduate who is most worthy. Awarded upon the recommendation of the Professor of Surgery.

PHILIP MICHAEL BERNINI
With Honorable Mention of: MILTON PACKER

Surgery Prize for the best essay on a subject pertaining to the Practice of Surgery. A Gold Medal, awarded by bequest of Dr. Francis W. Shain.

EUGENE MICHAEL SHAFFER

Clinical Surgery Prize for general excellence in Clinical Surgery. A Gold Medal, awarded in memory of Francis Torrens Stewart, Professor of Surgery, the Jefferson Medical College, 1910-1920.

ERIC WILLIAM BLOMAIN
With Honorable Mention of: KATHLEEN WINIFRED McNICHOLAS

Gynecology Prize to a Senior Student for the best examination, thesis and general excellence in Gynecology. Award given by Mrs. Albert Strickler in memory of Professor of Obstetrics and Gynecology, Emeritus, Lewis C. Scheffey, M.D.

MICHAEL ALLEN FEINSTEIN
With Honorable Mention of: PAUL STANLEY ZAMOSTIEN

Orthopaedic Surgery Prize for general excellence in Orthopaedic Surgery. Award given by Professor John J. Gartland, M.D.

JOSEPH RAKER THOMAS, JR.
With Honorable Mention of: MICHAEL HAROLD BRYANT

Urology Prize for excellence in Urology during the Junior and Senior Years, including preparation of reports of in and out patients, examinations and final summary of work. Award given in memory of Dr. Theodore R. Fetter, The Nathan Lewis Hatfield Professor of Urology.

RODNEY ALAN APPELL
With Honorable Mention of: FREDERICK LOUIS KRAMER

The Edward J. Moore Memorial Prize in Pediatrics to the Senior Student demonstrating the greatest aptitude in Pediatrics. Award given in memory of Edward J. Moore, M.D.

GARY ROBERT FLEISHER
With Honorable Mention of: DEAN MARIE BANES

The Henry Keller Mohler Memorial Prize to the Senior Student manifesting the greatest aptitude and interest in the general field of Therapeutics. Award given by Mr. Jesse Hubschman in memory of his wife, Natalie, to honor Henry Keller Mohler, M.D.

KATHLEEN WINIFRED McNICHOLAS
With Honorable Mention of: MILTON PACKER

Psychiatry Prize to the Senior Student writing the best thesis in Psychiatry.

DAVID SHORE
With Honorable Mention of: STEVEN ZAVODNICK

S. MacCuen Smith Memorial Prize to the member of the Senior Class judged most worthy of recognition for ability in the field of Otolaryngology. A Gold Medal given by Mrs. Stuart Lodge Bullivant in memory of her father.

STEVEN ROBERT ISAACSON

With Honorable Mention of: WILLIAM INNES FORBES, III

The Carroll R. Mullen Memorial Prize in Ophthalmology to the Senior Student who has received the highest grade in Ophthalmology.

DAVID ALEXANDER JACOBY

With Honorable Mention of: IVAN HARLAN JACOBS

Obstetrics and Gynecology Prize to a Senior Student for the best examination, thesis and general excellence in Obstetrics and Gynecology during the entire curriculum. Award given by Mrs. Sarah George Miller in honor of Professor of Obstetrics, Emeritus, John B. Montgomery, M.D.

JOSEPH SALVATORE FERRONI

With Honorable Mention of: CHARLES LEWIS GOLDSMITH

The Baldwin L. Keyes Prize in Psychiatry to the Senior Student considered most worthy by the Department of Psychiatry. Award given in honor of Professor of Psychiatry, Baldwin L. Keyes, M.D., Sc.D., Emeritus.

STEVEN ZAVODNICK

With Honorable Mention of: EMILIAN JOSEPH LEON WASSERMAN

William Potter Memorial Prize to that graduate attaining the highest general average in the final years of the medical course. Award given from a bequest of Mrs. Adaline Potter Wear, offered to encourage excellence in the clinical branches of medicine.

MILTON PACKER

With Honorable Mention of: BEN PERSONS BRADENHAM

Alumni Prize for the highest cumulative academic record. A Medal awarded by the Alumni Association.

MILTON PACKER

With Honorable Mention of: KENNETH ROBERT BARMACH
and BEN PERSONS BRADENHAM

Louis B. Swisher, Jr. Memorial Prize to a Senior Student who has shown general excellence in the field of Anesthesiology. Awarded upon the recommendation of the Professor of Anesthesiology.

ROBERTA CEIL KAHN

The Philip J. Hodes Radiology Award to the Senior Medical Student displaying outstanding aptitude and interest in Radiology.

LESLIE SUZANNE ROBINSON

The E. Harold Hinman Memorial Prize to the Senior Student demonstrating extraordinary interest and accomplishment in the field of Community Health and Preventive Medicine during his program of clinical education. Sponsored by family and friends in memory of E. Harold Hinman, Ph.D., M.D., M.P.H., Professor and Chairman of the Department of Community Health and Preventive Medicine.

DAVID ALEXANDER JACOBY

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

PAUL SMEY and EUGENIA MANELLE MILLER

W. B. Saunders Company Prize to the student who has attained the highest scholastic average for the Senior Year. Medical Publications.

RICHARD FREDERICK SAYLOR

The C. V. Mosby Company Prize. Awarded to five outstanding graduates.

MICHAEL HENRY GREENHAWT
MARK STANLEY PASCAL

PRISCILLA JANE KISTLER
JOHN ROBERT SABATINI

JAMES EUGENE TIBONE

The Richard W. Foster Prize to a graduating Senior student who has made a significant contribution toward the furthering educational programs of Jefferson Medical College.

ROOSEVELT McCORVEY

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

MICHAEL JOEL SCHMERIN

Janet M. Glasgow Memorial Scholarship Award of the American Medical Women's Association, Inc., awarded to women who have exhibited outstanding achievement in Clinical Proficiency.

KATHLEEN WINIFED McNICHOLAS

With Honorable Mention of: LESLIE SUZANNE ROBINSON

The Charles LaBelle Prize for an outstanding candidate for the degree of Doctor of Philosophy. Award given by Mrs. LaBelle and family in memory of her husband, Charles W. LaBelle, Ph.D., Assistant Professor of Preventive Medicine (Environmental Hygiene). Given on May 17, 1973, at a meeting of the College of Graduate Studies.

IRVING COHEN

did not graduate; withdrawn April 1973

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE

JOANNE RUTH BEYER Norristown, Pa.
JOAN CURLEY BUDNICK Philadelphia, Pa.
NAOMI BEE CULP Haddon Heights, N. J.
PATRICIA ANNE DERHAM Philadelphia, Pa.
VIVIAN DENISE FLEMING Philadelphia, Pa.
YUEH KUEI LIN Cherry Hill, N. J.
HAROLD MAXWELL McCLINTIC, JR. Croydon, Pa.
SUZANNE NEILL Glenolden, Pa.

PARVEEN HASSAN NOORBAKSH Philadelphia, Pa.
EDWARD J. PIERZYNSKI W. Collingswood Heights, N. J.
MARILYN BERNADETTE SCIOLE Philadelphia, Pa.
ARNOLD C. STORR Philadelphia, Pa.
DONALD L. STRABLE Collingswood, N. J.
MARIA GLORIA THEODOS Wynnewood, Pa.
VALERIE JOAN TOTH Norristown, Pa.

As final action cannot always be taken before the program goes to press, Thomas Jefferson University reserves the right to add or withdraw names from the list of candidates for degrees.

GEOGRAPHICAL RECAPITULATION

Jefferson Medical College	The College of Graduate Studies
Pennsylvania 125	Pennsylvania 10
Other States and U. S. Possessions 58	Other States 7
Foreign Countries 1	
TOTAL 184	TOTAL 17

The foregoing additions bring the total number of Graduates to 22,043.

The foregoing additions bring the total number on the list of Graduates to 236.

DOCTOR OF LAWS—ALBERT JOHN NESBITT

Albert John Nesbitt, while born in Philadelphia, received his primary and secondary education in Atlantic City, New Jersey. After graduating from the Drexel Institute of Technology in 1921, he joined the John J. Nesbitt Company and spent his entire business and professional career with them. He retired as President and Chairman of the Board in 1965.

A most important part of Mr. Nesbitt's life has been his deep interest in the education, training, and recreational activities of America's youth. He has been an active member of the Board of Trustees of the Pennsylvania State University, Thomas Jefferson University, Villanova University, St. Joseph's College, the University City Science Center, the Metropolitan YMCA of Philadelphia, and the Philadelphia Council of Boy Scouts. In recognition of this, St. Joseph's College, Ursinus College, and Springfield College in Massachusetts have each awarded him an honorary degree. His devotion and loyalty to his alma mater, Drexel University, is recognized throughout the academic community. He has served her well as a member and chairman of the Board of Trustees, and was awarded an honorary degree in 1952. He has shown a great interest in educational television and served as Chairman of the Board of WHYY, Inc., TV-12.

Mr. Nesbitt has received over thirty national and local awards in recognition of his efforts and achievements, mainly in behalf of others. A few of these include "Man of the Year" by the Northwest Philadelphia Chamber of Commerce, the Golden Deeds Award of the Exchange Club of Philadelphia, the Old York Road B'nai B'rith Americanism Award, the Annual National Human Relations Award of the National Conference of Christians and Jews, the Junior Chamber of Commerce Brotherhood Award, Big Brother of the Year, the Youth Award of the Chapel of the Four Chaplains, the Silver Beaver and Silver Antelope Awards of the Boy Scouts of America, the Crime Commission's Citizen Action Award, and the Fellowship Award for Human Relations.

He served his country in World War II as an Industry Member of the Regional National War Labor Board and was awarded a citation by the War Department for his services. He has held a number of important civic leadership positions with such organizations as the United Fund, the Commission on Human Relations in the City of Philadelphia, the Governor's Committee on Public Television, and the Pennsylvania General Assembly Commission for Legislative Modernization.

Mr. Nesbitt is a past President of the Philadelphia Council of Churches, and was cited by this group for outstanding Christian services. He has served as a member of the vestry in several Episcopal churches.

Presented by William W. Bodine, Jr.
Life Trustee and Chairman, Board of Trustees

DOCTOR OF SCIENCE—ANDREW JACKSON RAMSAY

Andrew Jackson Ramsay was born in Indiana where he received his primary education in a one-room school house. He earned his bachelor's degree at DePauw University and his doctor of philosophy degree at Cornell University. His special interest in histology and embryology led him to remain at Cornell for several years.

In 1936 Dr. Ramsay joined the faculty of Jefferson Medical College at the urging of Professor J. Parsons Schaeffer, the Chairman of the Department of Anatomy. He was immediately recognized as a superb educator and was rapidly promoted, attaining the rank of Professor of Histology and Embryology in 1948. A truly remarkable teacher, he has left his mark on over 6,000 Jefferson alumni during his thirty-six years of teaching. In 1958 he was appointed Chairman of the Department of Anatomy and Director of the Daniel Baugh Institute of Anatomy of Jefferson Medical College and remained as such until his retirement in 1972.

Dr. Ramsay holds memberships in many professional organizations and honorary societies. He is a member of Alpha Omega Alpha, Sigma Xi, and for many years served as a member of the Anatomical Board of the Commonwealth of Pennsylvania and was its President from 1966 to 1972. He has served as a consultant to numerous medical publishers and has contributed to Morris' "Human Anatomy" as well as many textbooks of histology and embryology.

Dr. Ramsay has recorded many other achievements—a track star in college, he won the Penn Relays in 1928; a pioneer in the use of television in medical education; a student of the origin and recognition of embryonic tissue; an innovator in teaching and curriculum adjustment and development; and a respected photographer. He shall best be remembered in the Annals of Jefferson however for his intense interest and devotion to his adopted institution. He was for many years the Marshal of Academics of the University. Few alumni remember the words of their graduation speaker, but few will forget the words of counsel given by Dr. Ramsay during rehearsal on graduation morning at the Academy of Music. He was honored by his students in 1966 when the graduating class commissioned the painting of his portrait for presentation to the College—one of the highest honors bestowed upon a member of the faculty of Jefferson Medical College.

Although officially retired, he has continued to serve actively in the affairs of Jefferson but now also has time to pursue some of his hobbies of fishing, wilderness camping, mountain climbing, and photography. He and his wife, the former Sara Passmore Sharpless, live in Medford Lakes, New Jersey—close to the native setting they enjoy so much.

Presented by William A. Sodeman, M.D.
Emeritus Dean and Emeritus Professor of Medicine
Jefferson Medical College

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- BRUCE BARTON BORGELT (Pathology) Elkins Park, Pa.
Thesis: "A Correlated Morphological and Biochemical Study of the Effects of Adenosine on Human Diploid and Aneuploid Cells *in vitro*."
- IRVING COHEN (Pharmacology) Philadelphia, Pa.
Thesis: "Physiological Disposition and Behavioral Activity of Phenylethylamine, Tryptamine and Some of Their Analogues."
- MICHAEL DAVID DICKMAN (Microbiology) Philadelphia, Pa.
Thesis: "The Gut Microflora in Health and Disease."
- HOWARD EDWARD GOODY (Pathology) Brooklyn, N. Y.
Thesis: "The Effects of Guinea Pig Serum on Ribosomal RNA Metabolism in 6C3 HED Asparagine-sensitive Lymphoma Cells *in vitro*."
- ROBERT GEORGE LAHITA (Microbiology) Linden, N. J.
Thesis: "Isolation and Characterization of a Cell Division Mutant of *Escherichia coli* K-12."
- ARMAND F. LANGE (Biochemistry) Haddonfield, N. J.
Thesis: "Synthesis and Immunochemical Characterization of Poly (Glu-Lys-Ala-Gly)."
- STEVEN L. MALISH (Pharmacology) Philadelphia, Pa.
Thesis: "Protective Action of Dimethyl Sulfoxide and the Dialkyl Sulfones on Organophosphate Toxicity." (In Absentia)
- ROBERT EDWARD MANCINI (Pharmacology) Flushing, N. Y.
Thesis: "The Effects of Dimethyl Sulfoxide on the Lethality and Hepatotoxicity of Carbon Tetrachloride in Mice and Rats."
- JOHN SAMUEL MARTIN (Physiology) Folsom, Pa.
Thesis: "Nasal Airflow, Upper Airway Resistance and Nasal Septal Bloodflow."
- CHRISTOS ARISTIDES PAPAGEORGIOPOULOS (Physics) Swarthmore, Pa.
Thesis: "LEED and Work Function Study of Cs-H₂ and Cs-O₂ Coadsorption on W(100)."
- SAMUEL DAVID SCOTT, JR. (Physiology) Philadelphia, Pa.
Thesis: "Effects of Carbon Monoxide and Myocardial Infarction on the Oxyhemoglobin Dissociation Curve and Ventricular Fibrillation Threshold in Cynomolgus Monkeys."
- ROSALIE WINTER WESSELL (Physiology) Philadelphia, Pa.
Thesis: "Energy Sources for Cation Transport and Contractions in Progesterone-dominated Myometrium."
- ROBERT WIGHTON, JR. (Physiology) Morris Plains, N. J.
Thesis: "Electromyographic Studies of the Perioral Region During Speech."

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

- BARRY BENJAMIN ABRAHAM Philadelphia, Pa.
GARY ALTMAN Wilkes-Barre, Pa.
EDWIN MARC ALTSCHULER Philadelphia, Pa.
PETER COLBY AMADIO Willingboro, N. J.
RODNEY ALAN APPELL Jenkintown, Pa.
RAMON HAROLD BAGBY Morton, Pa.
DEAN MARIE BANES Pottstown, Pa.
KENNETH ROBERT BARMACH Philadelphia, Pa.
JOHN H. BENNER, IV Newtown Square, Pa.
ERICK JOHN BERGQUIST Philadelphia, Pa.
BOYCE NATHANIEL BERKEL Curacao, N. A.
PHILIP MICHAEL BERNINI New York, N. Y.
MARC LOUIS BERNSTEIN Margate, N. J.
PAUL ANTHONY BIALAS Wilmore, Pa.
ALAN NEAL BINNICK Upper Darby, Pa.
JOHN JOSEPH BLANCH Philadelphia, Pa.
BRUCE STEPHEN BLEIMAN Yeadon, Pa.
ERIC WILLIAM BLOMAIN Dunmore, Pa.
FRANK A. BORGIA Ambridge, Pa.
BEVERLY CARLOIS BORLANDOE (Degree conferred December 4, 1972) Philadelphia, Pa.
BEN PERSONS BRADENHAM Williamsburg, Va.
NORMAN HARRIS BRASLOW Philadelphia, Pa.
ALAN BRUCE BROSOFF Levittown, Pa.
DANIEL JOSEPH BROWN Willow Grove, Pa.
EARL HOWARD BROWN Hershey, Pa.
GARY MARC BROWNSTEIN Merion, Pa.
MICHAEL HAROLD BRYANT Englewood, Col.
STEVEN A. BURGER Elizabeth, N. J.
JOSEPH RODNEY CAR Mountainside, N. J.
PAUL PETER CASADONTE Jersey City, N. J.
JOHN JOEL CASSEL Allentown, Pa.
VICTOR JAMES CELANI Chester, Pa.
PAUL F. CERZA Watchung, N. J.
- WILLIAM THOMAS CHAIN, JR. Narberth, Pa.
RICHARD STEELE CHALFANT Pittsburgh, Pa.
PETER MICHAEL CIANFRANI Philadelphia, Pa.
CHRISTOPHER MICHAEL CLARK Ambler, Pa.
THOMAS MICHAEL CLEMENS Lebanon, Pa.
JOHN WESLEY COCHRAN Winnetka, Ill.
MICHAEL MARTIN COHEN Philadelphia, Pa.
ANTHONY MICHAEL COLATRELLA Belleville, N. J.
ARTHUR WILSON COLBOURN Wilmington, Del.
FRED GERARD CONSTANT Brooklyn, N. Y.
LELAND DUNN CROPPER, JR. Havertown, Pa.
THOMAS PATRICK CUNNINGHAM, III Rosemont, Pa.
JOSEPH JAMES D'AMICO (Degree conferred December 4, 1972) Drexel Hill, Pa.
JEFFREY JOSEPH DEKRET Monroeville, Pa.
LEONARD MATTHEW DELVECCHIO, JR. Reading, Pa.
LOUIS CARL DEMARIA, JR. Rochelle Park, N. J.
ROSS F. DIMARCO Uniontown, Pa.
ROBERT NEIL DUMIN Wyncote, Pa.
BETH SUE EDEIKEN Philadelphia, Pa.
CHARLES FREDERICK EGAN, JR. New Castle, Del.
STEVEN MARK ENGEL Philadelphia, Pa.
JOHN MICHAEL FALKER Philadelphia, Pa.
MICHAEL ALLEN FEINSTEIN Cheltenham, Pa.
JOSEPH SALVATORE FERRONI Philadelphia, Pa.
JOANNA RALSTON FIRTH Merion Station, Pa.
GARY ROBERT FLEISHER Philadelphia, Pa.
JOSEPH FRANCIS FRAZER Yardley, Pa.
FRANK BERNARD FROMOWITZ Asbury Park, N. J.
PHILIP STUART BALL FULLER Baltimore, Md.
BENJAMIN GERSON Elkins Park, Pa.
GARY GERSTEIN Philadelphia, Pa.
JERRY DAVID GLENN Howard, Pa.
GORDON ROBERT GOLD Pittsburgh, Pa.

- MARC RICHARD GOLDENBERG Cincinnati, Ohio
CHARLES LEWIS GOLDSMITH Philadelphia, Pa.
LARRY EDWIN GOLDSTEIN Philadelphia, Pa.
ROBERT PAUL GOOD Altoona, Pa.
BARRY GORDON Philadelphia, Pa.
RICHARD STEVEN GORDON Philadelphia, Pa.
ROBERT ALAN GORDON Philadelphia, Pa.
EDWARD PATRICK GORRIE Folcroft, Pa.
FREDRIC RICHARD GOTTLIEB Camden, N. J.
LEWIS WILLIAM GRAY Bradley Beach, N. J.
RICHARD D. GREENBERG Philadelphia, Pa.
MICHAEL HENRY GREENHAWT Margate, N. J.
JERRY JAY GROSSMAN Philadelphia, Pa.
GEORGE JUDE GUSTAINIS Village of Harding, Pa.
E. BRUCE HILTON Jenkintown, Pa.
ALAN DALE HOOVER Portage, Pa.
LAWRENCE JOSEPH HOWARD (Degree conferred December 4, 1972) Scranton, Pa.
PETER RICHARD HULICK LaCrosse, Wis.
STEVEN ROBERT ISAACSON Philadelphia, Pa.
IVAN HARLAN JACOBS Deal, N. J.
JOSEPH A. JACOBS Philadelphia, Pa.
DAVID ALEXANDER JACOBY Fort Washington, Pa.
BRUCE EVANS JARRELL Goldsboro, Md.
ALAN STUART JOSSELSON Cherry Hill, N. J.
ROBERTA CEIL KAHN Albany, N. Y.
HARRY ROBERT KATZ Philadelphia, Pa.
RICHARD BARRY KATZ Brooklyn, N. Y.
EDWARD ALOYSIUS KELLY, JR. Drexel Hill, Pa.
ANTON PETER KEMPS Roselle, N. J.
JOSEPH JOHN KING Chews Landing, N. J.
PRISCILLA JANE KISTLER Zionsville, Pa.
BRADLEY HENRY KOIZUMI Honolulu, Hawaii
CHARLES WILLIAM KORONITS, JR. West Chester, Pa.
FREDERICK LOUIS KRAMER Philadelphia, Pa.
JOSEPH ALOYSIUS KUHN Claymont, Del.
WILLIAM EDWARD KUNSMAN Orwigsburg, Pa.
ROBERT GEORGE LAHITA Linden, N. J.
THOMAS RALPH LAYTON Johnstown, Pa.
CHRISTOPHER LANE LEACH Ridgewood, N.J.
DEAN JERRY LEIS Wyncote, Pa.
ELLIOTT GENE LEISAWITZ Reading, Pa.
GARY JAN LEVIN Swarthmore, Pa.
CHARLES LEE LIGGETT, JR. Baytown, Texas
JOSEPH FRED MAMBU Philadelphia, Pa.
PAUL DAMIAN MANGANIELLO Jersey City, N. J.
STEPHAN CHARLES MANN Philadelphia, Pa.
ROOSEVELT MCCORVEY Pensacola, Fla.
JAMES JOSEPH MCGRAW White Mills, Pa.
KATHLEEN ANN MCKEAG Erie, Pa.
LOIS G. MCLEAN Philadelphia, Pa.
KATHLEEN WINIFRED MCNICHOLAS Norristown, Pa.
MICHAEL BRUCE MEYERS Bayside, N. Y.
EUGENIA MANELLE MILLER Elizabeth, N. J.
JOHN JOSEPH MILLER, JR. (Degree conferred December 4, 1972) Chester, Pa.
LAURENCE JAY MILLER Philadelphia, Pa.
JOSEPH PATRICK MULLEN Glenside, Pa.
STEPHEN PHELAN MULLER Somers Point, N. J.
DONALD ALDEN NICKLAS Upper Darby, Pa.
- MILTON PACKER Philadelphia, Pa.
LOUIS MARTIN PALERMO Philadelphia, Pa.
GILBERT ROLAND PARKS Arcadia, Okla.
MARK STANLEY PASCAL Hillside, N. J.
DAVID HOWARD PAUL Wynnwood, Pa.
RUSSELL EDWARD PERRY Yardley, Pa.
RICHARD IRVING PERZLEY Plainview, N. Y.
LYNNE E. PORTER New Hyde Park, N. Y.
CYRIL METHODIUS JAMES PUHALLA Dunmore, Pa.
MICHAEL F. QUINLAN Philadelphia, Pa.
ROBERT DARIEN RAFALO Wilmington, Del.
HELEN LOUISE RATIO Levittown, Pa.
ALAN MICHAEL RESNIK Levittown, Pa.
MARK STEVEN REUBEN Reading, Pa.
MARY LYNNE REUSS Erie, Pa.
LESLIE SUZANNE ROBINSON Philadelphia, Pa.
JEAN CAROL ROGERS Warehouse Point, Conn.
DAVID MICHAEL ROGOVITZ Philadelphia, Pa.
BARRY ALAN ROSEN Rochester, N. Y.
JAY STUART ROSEN Philadelphia, Pa.
FRED ALVIN ROSENBLUM Thorndale, Pa.
MARC STEVEN ROSENHEIN Levittown, Pa.
ANTHONY JOSEPH RUGGERI Philadelphia, Pa.
JOHN ROBERT SABATINI Philadelphia, Pa.
JOSEPH WILLIAM SASSANI Yeadon, Pa.
RICHARD FREDERICK SAYLOR Pottstown, Pa.
MICHAEL JOEL SCHMERIN Johnstown, Pa.
DANIEL JACOB SCHWARTZ Philadelphia, Pa.
DAVID SAMUEL SCHWARTZ Greenvale, N. Y.
DANIEL MARK SCOTTI Philadelphia, Pa.
JOHN ROGER SEBASTIANELLI Peckville, Pa.
EUGENE MICHAEL SHAFFER Reading, Pa.
NORMAN MICHAEL SHANFELD Philadelphia, Pa.
DAVID SHORE Wyndmoor, Pa.
JOHN THOMAS SMALLWOOD Philadelphia, Pa.
PAUL SMEY Philadelphia, Pa.
STEPHANIE EILEEN SNEAD Philadelphia, Pa.
EDWARD ALLEN SOLOW Philadelphia, Pa.
RICHARD MARK SOSTOWSKI Belleville, N. J.
RONALD LEE SOUDER Telford, Pa.
GREGORY CHARLES STARKS Greenville, Miss.
MARY ANN STARNIC Pittsburgh, Pa.
LEO STELZER, JR. Union, N. J.
ALAN LOUIS STERN Brockway, Pa.
CHARLES DENNY STROUT Bangor, Pa.
STANFORD NORMAN SULLUM Kingston, Pa.
JOHN MARTIN SUNDHEIM Melrose Park, Pa.
PHILLIP REYBOLD TATNALL, JR. Wilmington, Del.
FRANK MARR TAYLOR, III Berwick, Pa.
JOSEPH RAKER THOMAS, JR. Westfield, N. J.
JAMES EUGENE TIBONE Rockville Centre, N. Y.
KEVIN THOMAS TRACEY Needham, Mass.
ARNOLD FRANK TRAUPTMAN Dallas, Texas
SUSAN BEVERIN UHRMANN Wilmington, Del.
EMILIAN JOSEPH LEON WASSERMAN Brooklyn, N. Y.
MARK DAVID WIDOME Bethesda, Md.
LEONARD ARTHUR WISNESKI Upper Darby, Pa.
MICHAEL STERLING WRIGLEY Bala-Cynwyd, Pa.
PAUL STANLEY ZAMOSTIEN Bala-Cynwyd, Pa.
STEVEN ZAVODNICK Philadelphia, Pa.

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

- STANLEY S. BROWNSTEIN (Community Health and Preventive Medicine) Philadelphia, Pa.
Thesis: "Are Existing Medical Records in Industry Adequate for Epidemiological Investigations?"
- DALE BUCHBINDER (Anatomy) Brewster, N. Y.
Thesis: "Lack of Absorption of Free Neutral Fat from Tissue Depots in Hypovolemia." (In Absentia)
- ARISTIDES DIMITRIOS ZDETSIS (Physics) Ridley Park, Pa.
Thesis: "A Review of the Shell Model with Reference to the O¹⁸ Nucleus."
- LEAH Z. ZISKIN (Community Health and Preventive Medicine) Cherry Hill, N. J.
Thesis: "Parental Compliance in Seeking Corrective Measures for Health Defects Detected by a School Health Program."

DOCTOR OF SCIENCE—JOSHUA MONTGOMERY DEAVER

Joshua Montgomery Deaver, son of a distinguished surgeon, was born in Wyncote, Pennsylvania, at the turn of the century. He earned his varsity "Y" in football and bachelor's degree from Yale University, and his doctor of medicine degree from the University of Pennsylvania.

Dr. Deaver spent his entire professional career in association with the Lankenau Hospital of Philadelphia. From 1928 to 1934 he served his internship and residency in surgery there and then joined the staff where he subsequently rose to Chief of the General Surgical Service. He retired from his administrative duties in 1967, and now serves as a Senior Consultant in Surgery.

Dr. Deaver joined the faculty of Jefferson Medical College in 1949 and over the years has taught skillfully and gained the respect and influenced scores of Jefferson students. He became Professor of Clinical Surgery in 1964 and is at present an Honorary Clinical Professor of Surgery. He is also an Emeritus Professor of Clinical Surgery on the faculty of the Graduate School of the University of Pennsylvania.

As a distinguished physician and teacher, he has been a consultant to many organizations and has contributed over forty scientific articles to the surgical literature. He is a member and past President of the Philadelphia Academy of Surgery, and a member of the American Surgical Association, the International Society of Surgeons, and a Fellow of the American College of Surgeons and the College of Physicians of Philadelphia.

Dr. Deaver served his country in two wars—as a Private in the Marine Corps in World War I, and for four years as a Navy Medical Officer during World War II in the South Pacific. He was awarded the Bronze Star in 1944 for distinguished service.

He and his wife, the former Priscilla Sparks Sailer, reside at "Brookside Farm" in Ambler, Pennsylvania.

Presented by George J. Willauer, M.D.

Honorary Clinical Professor of Surgery

Jefferson Medical College

DOCTOR OF SCIENCE—DAVID ELLIOTT ROGERS

A native of New York City, David Elliott Rogers received his doctor of medicine degree at Cornell University Medical College in 1948. His internship and a year of residency in internal medicine were served at the Johns Hopkins Hospital. He continued his training in internal medicine and infectious diseases at the New York Hospital—Cornell Medical Center, later serving as a Visiting Investigator and Lowell M. Palmer Senior Fellow in Medicine at the Rockefeller Institute for Medical Research. His training years were interrupted by a tour of military service in the United States Navy during the Korean conflict.

Following the completion of his military service, he returned to the New York Hospital—Cornell Medical Center and rose rapidly in scientific stature and academic rank. He was appointed an Associate Professor of Medicine and Chief of the Division of Infectious Diseases in 1956.

At the age of only thirty-three, Dr. Rogers was selected to become Professor of Medicine and Chairman of the Department of Medicine at the Vanderbilt University School of Medicine, and Physician-in-Chief at the Vanderbilt University Hospital. He remained there for ten years and then returned to the Johns Hopkins University School of Medicine as Professor of Medicine, Dean of the Medical Faculty, Vice President of the University, and Medical Director of the Johns Hopkins Hospital.

He has been an active member of numerous societies, including Sigma Xi, Alpha Omega Alpha, American Society for Clinical Investigation, Association of American Physicians, Infectious Disease Society of America, American Clinical and Climatological Association, American College of Physicians, and the Cosmos Club. In addition, he has served as a Special Consultant to the Surgeon General on Staphylococcal Diseases, and Chairman of the Staphylococcal Section of the Streptococcal—Staphylococcal Disease Commission of the Armed Forces Epidemiological Board.

He has served as a member on numerous editorial boards, including those of *Clinical Research*, *Medicine*, and the *Year Book of Medicine*, and has received appointments to a number of standing advisory boards. Because of his ongoing and outstanding contributions to the knowledge of Infectious Diseases, he has been invited to be a Visiting Professor in over thirty universities in the United States and abroad. Dr. Rogers has published almost one hundred scientific papers and in 1971 was appointed President of the Robert Wood Johnson Foundation in Princeton, New Jersey.

Presented by Robert I. Wise, M.D.

Magee Professor of Medicine

and Chairman of the Department of Medicine

Jefferson Medical College

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 fifty 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 Bachelors, Masters, and Doctors and at the same time recognize the university which has given them the degree.

The Bachelor's gown has pointed sleeves and is worn closed. The Master's gown has oblong 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 Bachelor's and Master's degrees, and rayon or silk ribbed material is used for the Doctor's degree.

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. 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 hood is usually made of velvet in the color designating the subject in which the degree was granted.

Black mortarboards are worn for all degrees.

Some of the colors in the bindings of the hoods are:

<i>white</i>	Arts and Letters	<i>olive green</i>	Pharmacy
<i>lilac</i>	Dentistry	<i>dark blue</i>	Philosophy
<i>light blue</i>	Education	<i>salmon pink</i>	Public Health
<i>green</i>	Medicine	<i>golden yellow</i>	Science
<i>apricot</i>	Nursing		

The colors of the linings of the hoods for some Philadelphia medical institutions are:

<i>red and blue</i>	University of Pennsylvania	<i>blue and gold</i>	Hahnemann Medical College
<i>blue and white</i>	Philadelphia College of Pharmacy and Science	<i>silver gray and scarlet</i> ..	The Medical College of Pennsylvania
<i>black and blue</i>	Jefferson Medical College	<i>white and cherry</i>	Temple University