

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 Voluntary .....JOHN STANLEY  
Trumpet Voluntary in D .....PURCELL

THE NATIONAL ANTHEM

INVOCATION .....REVEREND ROBERT J. GRUDOWSKI  
St. John the Evangelist Church

CONVOCATION  
Opening Remarks .....PETER A. HERBUT, *President*

CONFERRAL OF DEGREES IN COURSE .....PRESIDENT HERBUT  
Doctor of Philosophy  
Presented by .....ROBERT C. BALDRIDGE, *Dean*  
College of Graduate Studies

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

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

Master of Science  
Presented by .....DEAN BALDRIDGE

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

CONFERRING OF HONORARY DEGREES .....PRESIDENT 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

BENEDICTION .....REVEREND GRUDOWSKI

RECESSIONAL .....Pomp and Circumstance .....ELGAR  
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 NOORBAKHSH ..... 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 ..... Wynnwood, 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-H<sub>2</sub> and Cs-O<sub>2</sub> 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 .....Hillsdale, N. J.  
DAVID HOWARD PAUL .....Wynnewood, 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 O<sup>18</sup> 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<br>Pharmacy and Science | <i>silver gray and scarlet</i> .. | The Medical College<br>of Pennsylvania |
| <i>black and blue</i> . . . . . | Jefferson Medical College                       | <i>white and cherry</i> . . . . . | Temple University                      |