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1987 Commencement for Jefferson Medical College and College of Graduate Studies

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163RD
COMMENCEMENT



Jefferson Medical College
College of Graduate Studies
of
Thomas Jefferson University
Philadelphia, Pennsylvania
1824-1987

Friday, June Fifth
Nineteen Hundred and Eighty-Seven
Half Past Ten O'clock

The Academy of Music

THE OATH OF HIPPOCRATES

I do solemnly swear by that which I hold most sacred:

That I will be loyal to the profession of medicine,
just to its members, and generous to its institutions;

That I will lead my life and practice my art in
uprightness and honor;

That I will give respect and gratitude to those who
have taught me this art;

That into whatsoever house I shall enter, it shall be
for the good of the sick to the utmost of my power,
I holding myself aloof from wrong, from corruption,
from the tempting of others to vice;

That I will exercise my art for the best care of my
patients,
and I will give no drug, perform no operation for
a criminal purpose, even if solicited far less
suggest it;

That whatsoever I shall see or hear of the lives of
my patients which is not fitting to be spoken,
I will keep inviolably secret.

These things I do promise upon my honor.

PROCESSIONAL Trumpet Voluntary JOHN STANLEY
The Jefferson Processional BURLE MARX

OPENING PROCLAMATION EDWARD C. DRISCOLL, *Chairman*
Board of Trustees
Thomas Jefferson University

THE NATIONAL ANTHEM

INVOCATION THE REVEREND EDWARD C. BRADLEY, S.J.
Old St. Joseph's Church

CONVOCATION LEWIS W. BLUEMLE, JR., *President*
Thomas Jefferson University

CONFERRING OF DEGREES IN COURSE THE PRESIDENT

Doctor of Philosophy
Presented by JUSSI J. SAUKKONEN, *Dean*
College of Graduate Studies

Doctor of Medicine
Presented by JOSEPH S. GONNELLA, *Vice President and Dean*
Jefferson Medical College

The Oath of Hippocrates EDWARD H. MCGEHEE, *The Ellen M. and Dale W.
Garber Professor of Family Medicine*
Jefferson Medical College

Master of Science
Presented by DEAN SAUKKONEN

CONFERRING OF HONORARY DEGREES THE PRESIDENT

JOHN PHILLIP MCGOVERN, *Doctor of Literature*
Presented by CHAIRMAN DRISCOLL

TAI JOON MOON, *Doctor of Laws*
Presented by DEAN GONNELLA

BENEDICTION REVEREND BRADLEY

RECESSIONAL Pomp and Circumstance Elgar

W. ERNEST WELLS, *Organist*

Grand Marshal
BRUCE E. JARRELL

Faculty Marshals
RALPH A. CARABASI LORETTA P. FINNEGAN RONALD P. JENSH HYMAN MENDUKE GENO J. MERLI
ARTHUR R. OWENS HOWARD K. RABINOWITZ RICHARD R. SCHMIDT JOSEPH R. SHERWIN

Student Marshals
PATRICIA M. CURTIN PETER GLASCOTT
Jefferson Medical College College of Graduate Studies

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

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- EVANGELOS VAN BADIAVAS (Pharmacology) Lindenwold, NJ
 B.A., Rutgers University
 Thesis Title: "The Expression of c-myc and c-fos Oncogenes in Normal Differentiating Erythroid Cells."
 Thesis Advisor: Hideko Kaji, Ph.D.
- KAREN ANITA FOSTER (Physiology) Gloucester City, NJ
 B.A., Rutgers University
 Thesis Title: "Phospholipids and Membrane Function in Cardiac Hypertrophy."
 Thesis Advisor: Diane K. Reibel, Ph.D.
- DEAN FRANCIS FRITCH (Pharmacology) Allentown, PA
 B.S., The Pennsylvania State University
 Thesis Title: "The Effects of Hydrocortisone on fos, myc and ras Expression in IMR-90 Fibroblasts."
 Thesis Advisor: Hideko Kaji, Ph.D.
- JOLYNDA JONES (Anatomy) Drexel Hill, PA
 B.S., Lebanon Valley College
 Thesis Title: "Prostaglandin E2 Localization and Receptor Identification Within the Developing Murine Secondary Palate."
 Thesis Advisor: Robert M. Greene, Ph.D.
- LAURA ANDREWS LAGUNOWICH (Pathology) Philadelphia, PA
 B.S., Dickinson College
 Thesis Title: "A Primitive Endoderm Associated Protein as a Differentiation Marker in Development."
 Thesis Advisor: Ivan Damjanov, M.D., Ph.D.
- FREDDA SUSAN LONDON (Biochemistry) Philadelphia, PA
 A.B., Temple University
 M.A., University of California
 Thesis Title: "Lipid Activation of C-Kinase: The Role of Phospholipid Head Group Structure, and of Diacylglycerol/Phospholipid Interactions."
 Thesis Advisor: Charles S. Owen, Ph.D.
- MARTA GRAFFY SPARROW (Pharmacology) Levittown, PA
 B.A., Holy Family College
 M.S., Philadelphia College of Pharmacy and Science
 Thesis Title: "Stress and the Cardiovascular System: Effects of Stress Controllability and Ethanol."
 Thesis Advisor: Wolfgang H. Vogel, Ph.D.

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

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 Catholic Medical Center, Jamaica, NY
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 B.S., George Washington University
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- RAFFAELLO ADDIEGO Westmont, NJ
 B.A., The Johns Hopkins University
 Cooper Hospital — University Medical Center,
 Camden, NJ
- MARTHE E. ADLER-LAVAN Melrose Park, PA
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- ERROL MICHAEL AKSU Bethlehem, PA
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 Portsmouth Naval Hospital, Portsmouth, VA
- SUSAN CLAUDIA BAER Fair Lawn, NJ
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 Camden, NJ
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- EILEEN BAHLER Pittsburgh, PA
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 Latrobe Area Hospital, Latrobe, PA
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 Medical College of Virginia, Richmond, VA
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B.S., University of Pennsylvania
The Mount Sinai Hospital, New York, NY

CAROLINE ANN SARTSCHEV Allison Park, PA
B.S., The Pennsylvania State University
Cleveland Metropolitan General Hospital,
Cleveland, OH

MICHAEL THOMAS SCHLITT Haddonfield, NJ
B.S., Lafayette College
M.S., University of Pennsylvania
St. Christopher's Hospital, Philadelphia, PA

PETER J. SCHNEIDER Radnor, PA
B.S., University of Hartford
The Graduate Hospital, Philadelphia, PA

ROY ANDREW SCHULTZ-ROSS West Chester, PA
B.A., The Johns Hopkins University
North Carolina Memorial Hospital, Chapel Hill, NC

PAUL BRUCE SCHWARTZKOPF Millsboro, DE
B.A., The Pennsylvania State University
York Hospital, York, PA

DAVID GREGORY SCOTT Media, PA
AOA
B.A., Swarthmore College
M.A., Ph.D., University of Delaware
Hahnemann University Hospital, Philadelphia, PA

MICHAEL JOSEPH SERNYAK, JR. Havertown, PA
B.A., Amherst College
Yale-New Haven Hospital, New Haven, CT

EILEEN TERESA SHEEHY Wilmington, DE
B.A., The University of Texas at Austin
St. Francis Hospital and Medical Center, Hartford, CT

LISA MARIE SHEPPARD Philadelphia, PA
B.S., Saint Joseph's University
Henry Ford Hospital, Detroit, MI

RAYMOND MICHAEL SIATKOWSKI Cresson, PA
AOA
B.S., The Pennsylvania State University
St. Francis Medical Center, Pittsburgh, PA

ALLISON JOAN SIGLER Merion Station, PA
B.A., Oberlin College
Lankenau Hospital, Philadelphia, PA

HARRIS SCOTT SILVER Cherry Hill, NJ
B.S., Muhlenberg College
Thomas Jefferson University Hospital, Philadelphia, PA

ALEXANDRA HELENE SIMKOVICH State College, PA
summa cum laude
AOA
B.S., The Pennsylvania State University
The New York Hospital, New York, NY

CHESTON SIMMONS, JR. Phoenixville, PA
B.A., Bucknell University
The Graduate Hospital, Philadelphia, PA

JODI SUE SINGER Moorestown, NJ
B.A., Barnard College
Lenox Hill Hospital, New York, NY

JOCELYN JOLBITADO SIVALINGAM Philadelphia, PA
AOA
B.A., Franklin and Marshall College
Thomas Jefferson University Hospital, Philadelphia, PA

LINDSEY MARIE SLATER Newark, DE
B.S., University of Delaware
Thomas Jefferson University Hospital, Philadelphia, PA

BERNITA MARIE SPAGNOLI Freedom, PA
B.A., The Johns Hopkins University
Thomas Jefferson University Hospital, Philadelphia, PA

ELLEN SPAR Dallas, PA
B.A., Brandeis University
Mount Auburn Hospital, Cambridge, MA

RICHARD THOMAS STARKE Magnolia, DE
B.A., Kenyon College
Franklin Square Hospital, Baltimore, MD

BRADLEY KEVIN STODDARD Idaho Falls, ID
B.A., Carroll College
Frankford Hospital, Philadelphia, PA

THOMAS J. TAKASH Phoenix, AZ
B.S., University of Arizona
Good Samaritan Medical Center, Phoenix, AZ

WILLIAM O'BRIEN THOMPSON Stahlstown, PA
B.A., Hamilton College
Thomas Jefferson University Hospital, Philadelphia, PA

AWARDS and PRIZES

Awarded at Class Day Exercises on Thursday, June 4, 1987

FACULTY AWARDS

The Christian R. and Mary F. Lindback Award for Distinguished Teaching.

BASIC SCIENCES: MARION JOYCE SIEGMAN, B.A., Ph.D., Professor of Physiology
CLINICAL SCIENCES: GENO JOSEPH MERLI, B.S., M.D., Clinical Associate Professor of Medicine and
Clinical Assistant Professor of Rehabilitation Medicine

Burlington Northern Foundation Faculty Achievement Award. For excellence in teaching and research productivity.

BASIC SCIENCES: MADHU P. KALIA, B.S., M.D., Ph.D., Professor of Pharmacology and Professor of
Neurosurgery
CLINICAL SCIENCES: BRUCE EVANS JARRELL, B.Ch.E., M.D., Associate Professor of Surgery

Blockley-Osler Award for Excellence in Teaching of Clinical Medicine to a Faculty Member of a Jefferson Affiliated Hospital.

ROGER B. THOMAS, Jr., M.D., Clinical Associate Professor of Medicine, Medical Center of Delaware

AWARDS TO GRADUATING STUDENTS

The Clinical Surgery Prize in memory of Francis Torrens Stewart, M.D., Professor of Surgery, Jefferson Medical College, 1910-1920.

GREGORY GERARD BEBB, (honorable mention: SCOTT DAVID MARTIN)

The Orthopaedic Surgery Prize, sponsored by Professor John J. Gartland, M.D.

MARK NICHOLAS PERLMUTTER, (honorable mention: DAVID ANDREW ANDREYCHIK)

The Edward J. Moore Memorial Prize in Pediatrics.

CYNTHIA ANN HILL, (honorable mention: MICHAEL THOMAS SCHLITT)

The Henry Keller Mohler Memorial Prize in Therapeutics, sponsored by Mr. Jesse Hubschman in memory of his wife, Natalie, to honor Henry Keller Mohler, M.D.

CATHERINE McLAUGHLIN, (honorable mention: BRENDA JEAN LAPINSKI)

The S. MacCuen Smith Memorial Prize in Otolaryngology, sponsored by Mrs. Stuart Lodge Bullivant in memory of her father.

HARRIS SCOTT SILVER, (honorable mention: BRETT LAWRENCE MOSES)

The Carroll R. Mullen Memorial Prize in Ophthalmology.

ARTHUR WATSON WALSH, (honorable mention: CHRISTINE ELAINE PUSCHAK)

The Obstetrics and Gynecology Prize sponsored by Mrs. Sarah George Miller in honor of John B. Montgomery, M.D., Professor Emeritus of Obstetrics and Gynecology.

MAURICE ANDREW FERRANTE, (honorable mention: SUSAN ELIZABETH WERHUN OTT)

The Baldwin L. Keyes Prize in Psychiatry, given annually by Mr. Joseph H. Levit in memory of his wife, Mae K. Levit, in honor of Baldwin L. Keyes, M.D., Sc.D., Professor Emeritus of Psychiatry.

KATHLEEN MARIE BERKOWITZ, (honorable mention: ANN SHEPHERD BAGLEY
and ROY ANDREW SCHULTZ-ROSS)

The William Potter Memorial Prize in Clinical Medicine, award given from a bequest of Mrs. Adaline Potter Wear for highest attainment.

JANICE ELIZABETH NEVIN, (honorable mention: ALEXANDRA HELENE SIMKOVICH)

The Alumni Prize, awarded by Jefferson Medical College Alumni Association for the highest cumulative record.

ALEXANDRA HELENE SIMKOVICH, (honorable mention: BETSY ANN STEIN IZES)

The Louis B. Swisher, Jr. Memorial Prize in Anesthesiology.

TUSHAR MADHUKANT RAMANI, (honorable mention: BETSY ANN STEIN IZES)

The Philip J. Hodes Prize in Radiology.

LYNNE ANNE ODORISIO, (honorable mention: TERRY WAGNER HUNTER)

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

LEWIS EDWARD HARPSTER, (honorable mention: BERTRAM T. CHINN)

The Leopold Goldstein Memorial Prize in Obstetrics and Gynecology, sponsored by Mrs. Leopold Goldstein and daughters in memory of Leopold Goldstein, M.D., for the highest average in Obstetrics and Gynecology.

GAIL MARGARET HERRINE, (honorable mention: JODI SUE SINGER)

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

JANICE ELIZABETH NEVIN, (honorable mention: LOUIS RALPH PETRONE)

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

CHRISTINE ELAINE PUSCHAK, (honorable mention: MAURICE ANDREW FERRANTE)

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.

CHARLES ANDREW POHL, (honorable mention: CAROLINE ANN SARTSCHEV)

CORINNE NANCY TUCKEY Norristown, PA
B.A., Temple University
Lankenau Hospital, Philadelphia, PA

SUZANNE WANLASS VANDERWERKEN Newport Beach, CA
B.S., Brigham Young University
Underwood-Memorial Hospital, Woodbury, NJ

DRAGOMIR MILAN VUJIC Rutherford, NJ
B.A., The Johns Hopkins University
University of Medicine/Dentistry of New Jersey, New
Jersey Medical School, Newark, NJ

KATHLEEN ANNE WALKER Mount Holly, NJ
B.A., Bucknell University
Baystate Medical Center Inc., Springfield, MA

ARTHUR WATSON WALSH Virginia Beach, VA
B.S., Duke University
Bryn Mawr Hospital, Bryn Mawr, PA

DAVID CASSELL WATTS West Chester, PA
B.A., Cheyney State College
Strong Memorial Hospital, Rochester, NY

DAVID CHRISTOPHER WEYN Media, PA
B.S., Georgetown University
Cooper Hospital—University Medical Center,
Camden, NJ

AMY BRODSKY WHITLEY Miami, FL
B.S., Clemson University
Bryn Mawr Hospital, Bryn Mawr, PA

JOHN FRASER WILSON Wildwood, NJ
B.A., Temple University
Abington Memorial Hospital, Abington, PA

JEFFREY WOLOSHIN Yardley, PA
B.S., The Pennsylvania State University
Temple University Hospital, Philadelphia, PA

THOMAS EDWARD YABLONSKI Avoca, PA
B.S., University of Scranton
Allentown Affiliated Hospitals, Allentown, PA

MICHAEL JOSEPH YAO Pittsburgh, PA
B.S., The Pennsylvania State University
Forbes Health System, Monroeville, PA

GEORGE ALBERT YAVOREK Dickson City, PA
B.S., University of Scranton
Monmouth Medical Center, Long Branch, NJ

GREGORY JUDE PAUL ZALE Dunmore, PA
B.S., Lehigh University
Albert Einstein Medical Center—Northern Division,
Philadelphia, PA

CARRIE J. ZAPOLIN Lexington, MA
B.S., The Pennsylvania State University
Thomas Jefferson University Hospital, Philadelphia, PA

MICHAEL RAFAEL ZARAGOZA Dover, DE
B.A., Dartmouth College
Eastern Virginia Graduate School of Medicine,
Norfolk, VA

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN CLINICAL MICROBIOLOGY

SUSAN COCKBURN GOULD Lansdowne, PA
TESSA RAPPAPORT Melrose Park, PA

DIANE GRIM Haddon Township, NJ

As final action cannot 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.

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.

JEFFREY CONALD DiPAOLO, (honorable mention: EILEEN TERESA SHEEHY)

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.

GĒETĪNDER KAUR CHATTHA, (honorable mention: GORDON DAVID RUBENFELD)

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.

PAUL O. MOON, (honorable mention: ALEXANDRA HELENE SIMKOVICH)

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 advisory of the Society for excellence in Internal Medicine and outstanding contributions to the Society.

CAROLE ANNE SABLE, (honorable mention: CATHERINE McLAUGHLIN)

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.

ALEXANDRA HELENE SIMKOVICH, (honorable mention: BRETT LAWRENCE MOSES)

The Hyman Menduke Research Prize is sponsored by Dr. T. 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.

PAUL O. MOON, (honorable mention: KATHLEEN MARIE BERKOWITZ and HARRIS SCOTT SILVER)

The Annie Simpson General Medicine Prize to be awarded to the medical student who shall receive the best general average in general medicine.

CHRISTINE ELAINE PUSCHAK, (honorable mention: CAROLE ANNE SABLE)

The Annie Simpson Lung Disease Prize to be awarded to the medical student who shall receive the best general average in lung diseases.

EDWARD AUGUSTUS CHASTENEY, IV, (honorable mention: CAROLE ANNE SABLE)

The William F. Kellow Prize is to be awarded to the student who most closely exemplifies the attributes of the ideal physician. Sponsored by family and friends in memory of William F. Kellow, M.D., Dean and Vice President of Jefferson Medical College from 1967 to 1981.

KARYN MONTGOMERY, (honorable mention: ANN SHEPHERD BAGLEY, TERRY LEE HORTON and HOWARD GERARD HUTCHINSON)

The William C. Davis Prize is awarded to a senior who will pursue a career in Emergency Medicine. Sponsored by Mrs. Charlotte Davis in memory of her son William C. Davis, M.D., an alumnus of Jefferson Medical College.

CARRIE J. ZAPOLIN, (honorable mention: SCOTT WILLIAM MELANSON)

The Arnold R. Weitz Memorial Prize in Hematology is awarded to a senior medical student for outstanding aptitude and interest in Hematology. Sponsored by family and friends in memory of Arnold R. Weitz, M.D.

MARTIN JOSEPH O'RIORDAN, (honorable mention: RANDAL JAMES LIU)

The J. Woodrow Savacool Prize in Medical Ethics awarded to a senior medical student who embodies the traditional ideal of "caring for people." Sponsored by a Committee of Friends and Colleagues of J. Woodrow Savacool, M.D., an alumnus and former member of the medical faculty of Jefferson Medical College.

CHARLES ANDREW POHL, (honorable mention: JANICE ELIZABETH NEVIN)

Jerome J. Cooper Scholarship Fund. This scholarship is awarded annually to students who show outstanding all-around achievement. It was established by Elsie Cooper in memory of her son, and Delphine Cooper in memory of her husband, the children in memory of their father and the sisters and brothers in memory of their brother.

LYNN MARIE RYAN

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

SHARON ANN BECKHARD, (honorable mention: ANNE MARIE FITZPATRICK)

The Janet M. Glasgow American Medical Women's Association Award of Outstanding Achievement presented to a woman standing first in her class at graduation.

ALEXANDRA HELENE SIMKOVICH

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

ANN SHEPHERD BAGLEY
SHARON ANN BECKHARD
BETSY ANN STEIN IZES
BRENDA JEAN LAPINSKI

CATHERINE McLAUGHLIN
JANICE ELIZABETH NEVIN
CHRISTINE ELAINE PUSCHAK
CAROLE LEE ROTHONG

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

MICHAEL RICHARD GALLAGHER

STEVEN JAY LAWRENCE

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

CHRISTINE ELAINE PUSCHAK

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

MARIA CHRISTINA CIRONE

DOCTOR OF LITERATURE — JOHN PHILLIP McGOVERN

John Phillip McGovern, born in Washington, D.C. on June 2, 1921, earned his baccalaureate and medical degrees from Duke University where he conducted "meritorious research" as a student. His postgraduate training included sequential appointments at Yale, Duke, in London, Paris, Washington, D.C., and Boston. He served as a Markle Scholar in Medical Science at George Washington School of Medicine and at Tulane. Board certified in both pediatrics and allergy, Doctor McGovern settled in Houston, Texas in 1956, to pursue a career in teaching, research, and private practice. It was in Houston that the McGovern Allergy Clinic was organized and became the largest in the nation.

Doctor McGovern is President of the John P. McGovern Foundation and Chairman of the Texas Allergy Research Foundation; and in addition to professorships in sixteen American institutions, he is a Fellow of Green College at Oxford University.

Doctor McGovern is a member of Phi Beta Kappa, Alpha Omega Alpha, Sigma Xi, and numerous other professional societies; and is past president of fifteen organizations. As well as authoring or co-authoring eighteen books and more than two hundred scientific articles, he has served on the editorial boards of more than twenty journals.

A recipient of twenty-two honorary degrees, Doctor McGovern has also distinguished himself in the humanities and government service. He chaired the Board of Regents of the National Library of Medicine in 1973-74 and remains an active consultant. He represented governors of the State of Texas at the White House Conference on Children and Youth in 1960 and 1970.

The American College of Allergists honored Doctor McGovern in 1981 with a festschrift issue of its journal, *Annals of Allergy*, the only tribute of its kind in the long history of that organization.

DOCTOR OF LAWS — TAI JOON MOON

Born on January 14, 1928, in Korea, Tai Joon Moon, Doctor of Medicine, graduated from the College of Medicine, Seoul National University in 1950. After serving as an army medical officer during the Korean conflict, Doctor Moon became a resident in the Department of Neurosurgery at Thomas Jefferson University Hospital. In 1957, he became a fellow in neurology at Jefferson, and in 1959, was certified by the American Neurosurgical Specialty Board. In 1960, he was awarded a Doctor of Medical Sciences degree from Nippon University in Tokyo.

A Fellow in the American College of Surgeons and the International College of Surgeons, Doctor Moon returned to Korea in 1958, and founded the Department of Neurosurgery at Yonsei University College of Medicine in Seoul where he served as chairman and professor of the department until 1966.

He has been President of the Korean Neurosurgical Society since 1968 and President of the Korean Medical Association since 1979. Other offices held by Doctor Moon include President of the World Medical Association (1985-86) and President of the Confederation of Medical Associations in Asia and Oceania (1981-83).

From 1967-80, he served as a member of the Korean National Assembly where he rose to the rank of chairman on many committees, among which were the Steering, Commerce and Industry Committees.

Doctor Moon has been decorated by the Swedish Government with a North Star First Class, presented by King Carl Gustav in 1980; and by the Korean Government in 1987, which awarded him the Order of Hwarang — the highest civilian honor in Korea.

THE UNIVERSITY MACE

The Thomas Jefferson University Mace, carried for the first time in the 1986 Commencement Ceremonies by the Grand Marshal, was designed and cast by Howard Serlick, member of the Guild of Mastercraftsmen, Winterthur Scholar, and Chief Conservator (Gilding) of the Historical Society of Pennsylvania. It was crafted by silversmith Eugene Zweigle and woodturner Michael Copeland.

The four-foot long, fourteen-pound Mace is made of ebony highlighted with lapis lazuli to reflect Jefferson's colors (black and blue). It features a miniature of Henry Mitchell's sculpture, The Winged Ox, symbol of Saint Luke the Physician, the original of which stands beside the Scott Building on Walnut Street. The miniature was cast in silver by Mister Zweigle, who also fabricated the University seal, the profile of Thomas Jefferson, mounted at the base of the staff. The J. E. Caldwell Company coordinated the project.

Mister Mitchell's original statue of The Winged Ox, adopted by the University in 1976 as its symbol of clinical excellence, is mounted on a column containing the names of fifty medical scientists who have most advanced the art of healing. It also reflects the historical evolution of Thomas Jefferson University from its beginnings as Jefferson Medical College in 1824 to its current status as an academic health center comprising the Medical College, the College of Allied Health Sciences, the College of Graduate Studies, and the Jefferson Hospital.

The Mace, a grand emblem of the University's heritage, is carried at the head of all formal academic processions.

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 University 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 in 1895, 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. Revisions to the code have occurred from time to time.

The Associate in Arts and Bachelor's gowns have pointed sleeves and are 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 Associate's, Bachelor's and Master's degrees, and rayon or silk ribbed material is used for the Doctor's degree. The majority of gowns are black but a number of institutions have adopted other colors to identify special programs or groups within the institution.

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 most commonly worn; six-sided tams of various colors may be used.

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

white	Arts and Letters	green	Medicine
tan	Business	apricot	Nursing
lilac	Dentistry	dark blue	Philosophy
light blue	Education	salmon pink	Public Health
purple	Law	golden yellow	Science

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

black and blue	Thomas Jefferson University	silver gray and scarlet	The Medical College of Pennsylvania
red and blue	University of Pennsylvania	white and cherry	Temple University
blue and gold	Hahnemann University		

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, Doctor 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, Professor Emeritus 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.

