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1988 Commencement for Jefferson Medical College and College of Graduate Studies

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164TH COMMENCEMENT



Jefferson Medical College
College of Graduate Studies

of
Thomas Jefferson University
Philadelphia, Pennsylvania

1824-1988

Friday, June Tenth Nineteen Hundred and Eighty-Eight 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	
OPENING PROCLAMAT	TION	. EDWARD C. DRISCOLL, Chairman Board of Trustees Thomas Jefferson University	
THE NATIONAL ANTHI	EM		
INVOCATION		. THE REVEREND RONALD NEVIN The Church of the Ascension	
CONVOCATION		. Lewis W. Bluemle, Jr., President Thomas Jefferson University	
CONFERRING OF DEGI	REES IN COURSE	. The President	
Doctor of Philosoph Presented by	y	. Jussi J. Saukkonen, <i>Dean</i> College of Graduate Studies	
Doctor of Medicine Presented by		. JOSEPH S. GONNELLA, Vice President Jefferson Medical College	and Dean
The Oath of Hippoc	rates	EDWARD H. McGehee, The Ellen M. Garber Professor of Family Medicine Jefferson Medical College	
Master of Science Presented by			
CONFERRING OF HONO	ORARY DEGREE	. The President	
Bernard Lown, Do	ctor of Humane Letters		
Presented by		ORVILLE H. BULLITT, JR. Vice Chairman, Board of Trustees Thomas Jefferson University	
BENEDICTION		. Reverend Nevin	
RECESSIONAL		. Pomp and Circumstance	Elgar
	W. Ernest V	VELLS, Organist	
		Marshal E. JARRELL	
BENJAMIN BACHARACH ARTHUR R. OWENS	Faculty RALPH A. CARABASI HOWARD K. RABINOWITZ	Marshals HYMAN MENDUKE RICHARD R. SCHMIDT	GENO J. MERLI JOSEPH R. SHERWIN
IIII IA A	Student McCann	Marshals Franklin Ceraso	11
	Iedical College	College of Graduate S	

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

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY	
RAGUNATH APPASWAMY (Pharmacology)	Bridgeton, NJ
B.S., M.B., Bangalore Medical College Thesis Title: "Isolation and Partial Characterization of a Novel Substance in the Plasma of Pati Chronic Hepatic Encephalopathy."	ients With
Thesis Advisor: Theodore A. Hare, Ph.D.	
MARK EDWARD BREZINSKI (Physiology) B.S., King's College Thesis Title: "Thromboxane Receptor Antagonism in Myocardial Ischemia."	Nanticoke, PA
Thesis Advisor: Allan M. Lefer, Ph.D.	
TROY LEE COUCH (Microbiology)	Waldwick, NJ
Thesis Title: "Characterization of <i>Mycoplasma muris</i> and its Relation to Other Murine Mycop Thesis Advisor: Russell W. Schaedler, M.D.	
ROBERT FRANK CROCHELT (Pharmacology)	niladelphia, PA
B.A., Columbia College Thesis Title: "Excitation-Contraction Coupling in Gallbladder Muscle." Thesis Advisor: C. Paul Bianchi, Ph.D.	
M. Mazher Jaweed (Pharmacology)	Bensalem, PA
B.S., Osmania University M.S., West Virginia University	
Thesis Title: "Effect of Low Frequency Stimulation on Calcium Content and Fatigue in M Fast-Twitch Muscle." Thesis Advisor: C. Paul Bianchi, Ph.D.	fammalian
JENNIFER ANN LATA (Microbiology)	addonfield, NJ
B.A., Douglass College of Rutgers University	
Thesis Title: "Characterization of Cell Surface Antigen Expression by Human First Trimester Villi Cells."	Chorionic
Thesis Advisor: J. Bruce Smith, M.D.	0
ROBERT DAVID MILLER (Microbiology)	. Lakeland, FL
Thesis Title: "T Cell Regulation of a Murine Autoantibody Response in Nonautoimmune and mune Spleen Cell Populations."	d Autoim-
Thesis Advisor: Catherine E. Calkins, Ph.D.	Lancdala DA
Beloo Mirakhur (Microbiology)	
Thesis Title: "Development of an <i>In Vitro</i> System to Study Encapsidation of Viral RNA of Stomatitis Virus." Thesis Advisor: Richard W. Peluso, Ph.D.	Vesicular
LINDA S. PELLICORE (Pharmacology)	niladelphia, PA
B.S., Immaculata College	
Thesis Title: "Role of Adenosine in Modulation of Contraction and Calcium Metabolism in Cal Thesis Advisor: C. Paul Bianchi, Ph.D.	rp Heart."
Donna Jessie Price (Physiology)	Petersburg, FL
B.A., University of Pennsylvania	
Thesis Title: "Iodide Transport and its Regulation in the Thyroid Gland." Thesis Advisor: Joseph R. Sherwin, Ph.D.	
Maria Ann Rupnick (Physiology)	Bensalem, PA
B.S., The Pennsylvania State University Thesis Title: "The Study of Microvessel Endothelial Cell Migration In Vitro."	
Thesis Advisor: Stuart K. Williams, II, Ph.D.	
PIERETTE MARIE SHIPMAN (Anatomy)	niladelphia, PA
B.S., Xavier University Thesis Title: "Relations Between Arachidonic Acid Metabolism and Development of Thyr	mocytes in
Fetal Thymic Organ Cultures." Thesis Advisor: Richard R. Schmidt, Ph.D.	
Gregory Lee Stahl (Physiology) Up	per Darby, PA
B.S., Juniata College Thesis Title: "The Pathophysiological Actions of Platelet Activating Factor in Ischemic a States."	and Shock
Thesis Advisor: Allan M. Lefer, Ph.D.	
Yun Yen (Pathology)	Bethlehem, PA
M.D., Taipei Medical College Thesis Title: "Oligosaccharides of Normal and Neoplastic Epithelial Cells of the Human Femaductive System."	ale Repro-
Thesis Advisor: Ivan Damjanov, M.D., Ph.D.	

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

CANDIDATES FOR THE DEOR	LEE OF DOCTOR OF MEDICINE
Jose Jesus Abreu	BRUCE NELSON BENGE
KARL MELVIN AHLSWEDE Minturn, CO B.S., University of Colorado	Internal Medicine, Geisinger Medical Center, Danville, PA
General Surgery — Thomas Jefferson University Hospital, Philadelphia, PA JEFFREY JAY ALBERT	Brenda L. Berkebile Pittsburgh, PA B.S., Allegheny College Internal Medicine — Preliminary — Western Pennsylvania Hospital, Pittsburgh, PA Anesthesiology — Western Pennsylvania Hospital, Pittsburgh, PA
MARK EDWARD ALDEN Bryn Athyn, PA AOA B.A., The Pennsylvania State University B. Th., Academy of the New Church Theological School	ADAM ANDREW BIANCHINI North Providence, RI B.S., Brown University General Surgery — USAF Medical Center, Wright- Patterson AFB, OH
Surgery — Preliminary — Abington Memorial Hospital, Abington, PA EVALINE A. ALESSANDRINI	Nancy Bierman-Dear Laurel Springs, NJ B.S., Villanova University Family Practice — West Jersey Health System,
AOA B.S., Marquette University Pediatrics — Children's Hospital National Medical Center, Washington, DC ALAN PETER ALFANO	Voorhees, NJ WILLIAM NASSAU BOTHWELL Columbus, NJ AOA B.S., Ursinus College General Surgery — Abington Memorial Hospital, Abington, PA
B.S., Adelphi University Physicial Medicine and Rehabilitation — Nassau County Medical Center, East Meadow, NY STEVEN MICHAEL ALFOND	MARK EDWARD BREZINSKI Nanticoke, PA cum laude AOA B.S., King's College Internal Medicine — Brigham and Women's Hospital, Boston, MA MICHAEL BENJAMIN BROSCIUS Shamokin, PA B.S., Bucknell University Pathology — Thomas Jeffeson University Hospital, Philadelphia, PA
A.B., Stanford University Psychiatry — Beth Israel Medical Center, New York, NY Ann Giovanna Auletta Centereach, NY magna cum laude AOA B.S., M.A., University of Scranton Radiology/Diagnostic — Medical College of Virginia, Richmond, VA	Patricia Ann Brumbaugh Lemon Grove, CA B.S., University of Utah Family Practice — St. Joseph's Hospital, Denver, CO JOHN ROBERT BURGE Wilmington, DE B.A., Taylor University Internal Medicine — Medical Center of Delaware, Newark, DE
JOHN MICHAEL BALDAUF	GREG FRANCIS BURKE West Pittston, PA magna cum laude AOA B.S., University of Scranton Internal Medicine — Thomas Jefferson University Hospital, Philadelphia, PA
B.S., Union College Family Practice — The Bryn Mawr Hospital, Bryn Mawr, PA	RUTH ANN BYERS Belle Vernon, PA cum laude AOA
ALBERT ADAM BELARDI, JR Scranton, PA cum laude 3.A., Brown University M.S., University of Scranton	B.S., Westminster College Pediatrics — David Grant USAF Medical Center, Fairfield, CA
Internal Medicine — Preliminary — The Bryn Mawr Hospital, Bryn Mawr, PA Anesthesiology — Thomas Jefferson University Hospital, Philadelphia, PA	WILLIAM MICHAEL CARNEY Johnstown, PA B.S., Dickinson College Surgery — Preliminary — Conemaugh Valley Memorial Hospital Johnstown PA

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WILLIAM JOSEPH CARROLL Centre Hall, PA B.S., M.S., Ph.D., The Pennsylvania State University Family Practice — St. Margaret Memorial Hospital, Pittsburgh, PA	PATRICIA MARY CURTIN
RICHARD FRANK CARUSO	JASON CHARLES CWIK
LINDA LOURAY CASTEEL Pittsburgh, PA cum laude AOA B.S., Westminster College Family Practice — The Bryn Mawr Hospital, Bryn Mawr, PA	CHARLES ALLEN DALLARA Ambridge, PAB.S., Baldwin-Wallace College M.S.A.P., Hahnemann Medical College and Hospital General Surgery — Mercy Catholic Medical Center, Darby, PA
JOHN BRIAN CATALANO Bridgeton, NJ AOA B.S., Muhlenberg College	CHRISTOPHER CHARLES DANKMYER Orwigsburg, PAB.S., Saint Joseph's University Internal Medicine — Preliminary — Lankenau Hospital, Philadelphia, PA
Surgery — Preliminary — Lankenau Hospital, Philadelphia, PA Orthopaedic Surgery — Thomas Jefferson University Hospital, Philadelphia, PA	VIRGIL ANTHONY DAVILA Miami, FI B.S., University of Miami Obstetrics/Gynecology — San Diego Naval Hospital, San Diego, CA
DAVID ALLEN CAUTILLI Jenkintown, PA B.S., Lehigh University Surgery — Preliminary — Albert Einstein Medical Center, Philadelphia, PA	JEFFREY ALLAN DAVIS
RICHARD R. CLARK	BRUCE MICHAEL DECTER North Woodmere, NY A.B., Brandeis University Internal Medicine — North Shore University Hospital, Manhasset, NY
GREGORY SCOTT COHN Dresher, PA B.A., Emory University Internal Medicine — Thomas Jefferson University Hospital, Philadelphia, PA	GERARD A. DELGRIPPO, JR Lock Haven, PAB.A., Oberlin College Family Practice — St. Margaret Memorial Hospital, Pittsburgh, PA
NEIL RANDOLPH COHN Camp Hill, PA B.A., Amherst College Psychiatry — Thomas Jefferson University Hospital, Philadelphia, PA	RAVI M. DESHMUKH
Тімотну John Cole	Pittsburgh, PA JOHN A. DICASIMIRRO Mahanoy City, PA B.S., Albright College Family Practice — York Hospital, York, PA
GLENN SCOTT COOPER	JOHN M. DODGE Merion, PA B.A., Dartmouth College Internal Medicine — Mercy Hospital and Medical Center San Diego, CA
STEVEN ERIC COPIT	STEPHEN EDWARD D'ORAZIO Fort Washington, PA B.S., Lafayette College General Surgery — St. Louis University Hospital, St. Louis, MO
DAVID VICTOR CRAFT New Wilmington, PA cum laude AOA B.S., Westminster College	MARY DOLORES DVORAK Natrona Heights, PA B.S., The Pennsylvania State University Medicine — Pediatrics — Geisinger Medical Center, Danville, PA
M.S., Case Western Reserve University Surgery — Preliminary — Pennsylvania Hospital, Philadelphia, PA	RICHARD LEE ELGART
ROBERT FRANK CROCHELT	University of Pennsylvania Medical Center, Philadelphia, PA Anesthesiology — Thomas Jefferson University Hospital, Philadelphia, PA
Francisco, San Francisco, CA	Scott C. Elston
AOA — Alpha Omega Alpha Honor Medical Society	Darby, PA

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CHARLES ANDREW ESHAM
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effrey Scott Fendrick Cherry Hill, NJ oum laude AOA
B.A., Lafayette College Pediatrics — St. Christopher's Hospital, Philadelphia, PA
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SIMA FIROUZBAKHSH Newport Beach, CA B.S., University of California — Irvine Internal Medicine — Preliminary — Veterans Administration Medical Center, Long Beach, CA Anesthesiology — University of California — Irvine, Orange, CA
DIANE McFadden Flynn
MICHAEL ALLAN FOX
BENJAMIN FUSMAN
ROBERT VERNON GAILLIOT, JR Marion, VA B.S., Emory and Henry College General Surgery — The Graduate Hospital, Philadelphia, PA
Oonna Ann Garber
GREGORY FRANCIS GELMANN West Orange, NJ G.A., University of Delaware General Surgery — Mt. Sinai Medical Center, Miami Beach, FL

Frances Eleanore Gentile Media, PA
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Otolaryngology — Thomas Jefferson University Hospital, Philadelphia, PA
BRIAN DACOSTA GILL Englewood, CO B.A., Brigham Young University
General Surgery — Virginia Mason Hospital, Seattle, WA
WILLIAM STANLEY GILLEN Norwood, PA B.A., University of Pennsylvania
Internal Medicine — Lankenau Hospital, Philadelphia, PA
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ERIC CEMIL GOKCEN Pennington, NJ A.B., Colgate University
Surgery — Preliminary — Pennsylvania Hospital, Philadelphia, PA
Fredric Howard Goldberg Rydal, PA B.S., Muhlenberg College
Surgery — Preliminary — Hahnemann University Hospital, Philadelphia, PA
STEVEN EDWARD GOLDBERG Huntingdon Valley, PA B.A., Georgetown University
Obstetrics/Gynecology — Emory University School of Medicine, Atlanta, GA
Ron David Gottlieb
MAHEEP KUMAR GOYAL
Internal Medicine — Preliminary — Polyclinic Medical Center, Harrisburg, PA
Radiology/Diagnostic — Pennsylvania Hospital, Philadelphia, PA
JEFFREY BURT GREENBARG Huntingdon Valley, PA B.A., Temple University
M.S., Georgetown University Psychiatry — Hospital of the University of Pennsylvania, Philadelphia, PA
KATE SUGARMAN GREENBERG Pikesville, MD A.B., Harvard College
Family Practice — Montefiore Medical Center, Bronx, NY
WILLIAM MICHAEL GRIECO Williamsport, PA B.S., Rochester Institute of Technology
General Surgery — The Medical College of Pennsylvania, Philadelphia, PA
PAMELA RENITA GUNN Louisville, KY B.S., University of Kentucky
Internal Medicine — The Medical College of Pennsylvania, Philadelphia, PA
THOMAS ROBERT GUSTAFSON Addison, NY B.A., M.B.A., University of Rochester Family Practice — Latrobe Area Hospital, Latrobe, PA
ranny Fractice — Latitude Area Hospital, Latitude, FA

JOHN ERIC HALE Wilmington, DE B.A., University of Delaware Family Practice — The Bryn Mawr Hospital, Bryn Mawr, PA	LAURIE ANN KARL
Karen R. Hammers St. Louis, MO B.S. Thomas Jefferson University M.S., Duquesne University Transitional — Allentown Affiliated Hospital, Allentown, PA	Brett Warren Katzen Baltimore, MD B.A., University of Delaware Internal Medicine — Preliminary — Mercy Hospital, Baltimore, MD Ophthalmology — University of Maryland Medical
David DeWitt Harrell Miami, FL B.A., Wheaton College Transitional — Brooke Army Medical Center, San Antonio, TX	System, Baltimore, MD KYLE RICE KAULBACK
STEVEN SCOTT HARVEY	and Medical Center, Reading, PA EILEEN SHARI KESSLER
Gregory Edward Herman Muncy, PA B.S., University of Notre Dame Family Practice — Silas B. Hays Army Community Hospital, Fort Ord, CA	EDWARD KIM
TIMOTHY GAWTHROP HOOPES Wilmington, DE magna cum laude B.S., University of Delaware Internal Medicine — Letterman Army Medical Center, San Francisco, CA	ROMAN ANDREW KLUFAS
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HERBERT IRA HURWITZ Williamsport, PA A.B., Brandeis University Internal Medicine — Michael Reese Hospital and Medical Center, Chicago, IL	MARY ANN KREIDER Lancaster, PA B.A., Messiah College Obstetrics/Gynecology — Sinai Hospital of Baltimore, Baltimore, MD
CHARLEEN LESLIE ANN ISE	CARRIE LEE KRESGE
JOHN CHARLES KAIRYS	Radiology/Diagnostic — The Medical College of Pennsylvania, Philadelphia, PA Deborah Ann Kulp-Hugues Malvern, PA B.S., Lock Haven University of Pennsylvania
MARIE ZAJACZKOWSKI KAIRYS Philadelphia, PA B.S., Philadelphia College of Pharmacy and Science Family Practice — Thomas Jefferson University Hospital, Philadelphia, PA	Surgery — Preliminary — Thomas Jefferson University Hospital, Philadelphia, PA Urology — Thomas Jefferson University Hospital, Philadelphia, PA
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Medical Center, Darby, PA THOMAS ANDREW LONDERGAN Wilmington, DE
B.A., University of Virginia Surgery — Preliminary — St. Francis Hospital and Medical Center, Hartford, CT
Urology — University of Connecticut School of Medicine, Farmington, CT
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GEORGE ANDREW MACONES
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B.A., University of Pennsylvania General Surgery — University of Michigan Hospitals, Ann Arbor, MI
Russell Louis Maiese Stratford, NJ B.S., The Pennsylvania State University General Surgery — St. Francis Medical Center, Trenton, NJ
Krista Anne Manges Danville, PA cum laude AOA
3.S., The Pennsylvania State University Internal Medicine — Preliminary — Lankenau Hospital, Philadelphia, PA Anesthesiology — Hospital of the University of
Pennsylvania, Philadelphia, PA
KATHLEEN MARY MARINO HOEGER Palmyra, PA 3.S., Stanford University Obstetrics/Gynecology — Thomas Jefferson University Hospital, Philadelphia, PA
WILLIAM JOSEPH MARKOWSKI Bensalem, PA
AOA 3.S., The Pennsylvania State University Surgery — Preliminary — Abington Memorial Hospital,
Abington, PA Orthopaedic Surgery — Thomas Jefferson University Hospital, Philadelphia, PA
RICHARD M MARKS Penn Valley, PA 3.S., Haverford College
Surgery — Preliminary — Thomas Jefferson University Hospital, Philadelphia, PA Orthopaedic Surgery — Thomas Jefferson University
Hospital, Philadelphia, PA EANNE M. MARRAZZO Dunmore, PA
oum laude AOA A.B., Harvard-Radcliffe College
nternal Medicine — Yale-New Haven Hospital, New Haven, CT
MARK ANTHONY MARSILI

AROLYNN ANN MATFLERD Piscataway, N .A., Rutgers University sychiatry — University of Medicine/Dentistry of New
Jersey, Robert Wood Johnson Medical School, New Brunswick, NJ
ANE RUTH MATSKO McAdoo, P. S., The Pennsylvania State University I.S., Bloomsburg University of Pennsylvania
amily Practice — St. Joseph's Hospital, Reading, PA
AMES LEO MCCABE, III
Pittsburgh, PA
ILEEN THERESA McGLYNN Philadelphia, Panagna cum laude OA
.S., The Pennsylvania State University I.H.A., Tulane University
nternal Medicine — Preliminary — Lankenau Hospital, Philadelphia, PA adiology/Diagnostic — The New York Hospital, New
York, NY
HARLES CRAWFORD MECHEM Devon, PA.S., M.S., Stanford University
ransitional — Valley Medical Center, Fresno, CA mergency Medicine — Valley Medical Center, Fresno, CA
RICH G. METZLER Wilmington, DI
S., Allegheny College bstetrics/Gynecology — University Health Center, Pittsburgh, PA
AMELA JOAN MILLER Greenville, DI
S., Duke University mergency Medicine — Medical Center of Delaware, Newark, DE
OHN JOSEPH MOFFITT Bethlehem, PA
argery — Preliminary — Allentown Affiliated Hospital, Allentown, PA tolaryngology — Thomas Jefferson University Hospital
Philadelphia, PA PROFES ANTONIO MUJICA
S., Georgetown University ternal Medicine — Preliminary — Sinai Hospital of
Baltimore, Baltimore, MD SA ANN MUMMAW
S., West Virginia Wesleyan College amily Practice — Lancaster General Hospital, Lancaster, PA
ICHAEL CRAIG MUNIN
S., West Chester University ternal Medicine — Preliminary — Allegheny General Hospital, Pittsburgh, PA
nysical Medicine and Rehabilitation — Thomas Jefferson University Hospital, Philadelphia, PA
ICHAEL F. MURPHY Scranton, PA S., University of Scranton
mily Practice — Wyoming Valley Family Practice, Kingston, PA
NDREW JAY MUSTIN Dresher, PA S., Muhlenberg College
ternal Medicine — Abington Memorial Hospital, Abington, PA

GREGORY TURA NARZIKUL Wallingford, PA B.S., Villanova University Family Practice — The Bryn Mawr Hospital, Bryn Mawr, PA	Maria Gabriela Parente Ontario, CA AOA B.S., University of California — Irvine Transitional — Chestnut Hill Hospital, Philadelphia, PA
JEAN MARIE NELSON	GERALD BELMONT PARKER, III
WILLIAM HOWARD NELSON	Mark M. Pasquarette Washington Crossing, PA A.B., Albright College Obstetrics/Gynecology — Georgetown University Hospital, Washington, DC
PETER J. NOWOTARSKI Reading, PA AOA B.A., Temple University Surgery — Preliminary — University of Maryland Medical System, Baltimore, MD Orthopaedic Surgery — University of Maryland Medical System, Baltimore, MD	BRIAN THOMAS PELCZAR West Nanticoke, PA AOA B.S., University of Notre Dame Surgery — Preliminary — Pennsylvania Hospital, Philadelphia, PA Otolaryngology — Ohio State University Hospital, Columbus, OH
JAMES JOSEPH O'CONNOR, III Clarks Summit, PA B.S., University of Scranton Internal Medicine — The Medical College of Pennsylvania, Philadelphia, PA	BARBARA DAWN PETERS Bradford Woods, PA B.A., Northwestern University Radiology/Diagnostic — Medical Center of Delaware, Newark, DE
STEFAN SARSFIELD O'CONNOR Pittsburgh, PA B.S., The Pennsylvania State University Internal Medicine — Preliminary — Hahnemann University Hospital, Philadelphia, PA Ophthalmology — New York Eye & Ear Infirmary, New York, NY PHILIP HUGH O'DONNELL Bloomfield Hills, MI	Todd Eugene Phillips
magna cum laude AOA B.S., Michigan State University Internal Medicine — Preliminary — Hahnemann University Hospital, Philadelphia, PA Ophthalmology — Wayne State University/Detroit Medical Center, Detroit, MI	Newark, DE ROBERT BRUCE POLLACK West Orange, NJ B.A., University of Pennsylvania General Surgery — University of California — Irvine, Orange, CA WILLIAM RONALD PREBOLA, JR West Pittston, PA
WARD JOHN O'DONNELL	B.A., University of Pennsylvania Transitional — York Hospital, York, PA Physical Medicine and Rehabilitation — Thomas Jefferson University Hospital, Philadelphia, PA
BRIAN J. O'HARA	Bonnie Leigh Rabinowitch Philadelphia, PA B.A., M.S., University of Pennsylvania Internal Medicine — Thomas Jefferson University Hospital, Philadelphia, PA
Philadelphia, PA JOAN DUNSTONE O'LEARY	SUZANNE ELIZABETH REISS
AOA B.S., Georgetown University Internal Medicine — Preliminary — The Graduate Hospital, Philadelphia, PA	STACIA TAYLOR REMSBURG
Scott Eric Olitsky	JOHN WELDON REYNOLDS Lancaster, PA magna cum laude AOA B.S., Syracuse University Family Practice — Lancaster General Hospital, Lancaster, PA
SUZANNE PATRICIA OLIVIERI Ardmore, PA AOA B.S., Chestnut Hill College Pediatrics — Childrens' Hospital, Philadelphia, PA	JOHN TEMPLER RICH, JR Drexel Hill, PA B.S., Drexel University Surgery — Preliminary — Medical Center of Delaware, Newark, DE
AOA — Alpha Omega Alpha Honor Medical Society	CRAIG GARRY RICHMAN

SUZANNE RICHMAN Davenport, IA B.A., Rutgers University Pediatrics — Medical Center of Delaware, Newark, DE
INGA HANSTEIN ROBBINS Exeter, NH B.A., Bryn Mawr College Internal Medicine — Pennsylvania Hospital, Philadelphia, PA
MARGARET LANCASTER RODGERS Martinsburg, WV B.S., University of Virginia Pediatrics — Medical College of Virginia, Richmond, VA
BRUCE LAWRENCE ROLLMAN
CHRISTOPHER PAUL RUFFINI
MARC STEVEN RUSSO
CYNTHIA ANNE SACHAROK Boothwyn, PA B.S., Widener University Family Practice — Medical Center of Delaware, Newark, DE
PHILIP JOHN SASSO
KAI DAVID JUSSI SAUKKONEN Wynnewood, PA B.S., Yale University Internal Medicine — New England Deaconess Hospital, Boston, MA
CHRISTOPHER JAMES SAUNDERS Broomall, PA cum laude AOA B.S., Duke University General Surgery — University of California — Davis
Medical Center, Sacramento, CA DAVID LEE SCHAEBLER
Medical Center, Camden, NJ MICHAEL A. SCHAFFER
Internal Medicine — Preliminary — Lankenau Hospital, Philadelphia, PA Ophthalmology — Scheie Eye Institute, Philadelphia, PA
Andrea Jon Schauer
RANDALL EVAN SCHRAGER
HARVEY EARL SHEPARD

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RICHARD DEE SHIH	Wilmington, D
General Surgery — University of Maryla System, Baltimore, MD	nd Medical
ERIC JOSEPH SIEGEL	Easton, P.
B.S., University of Notre Dame Pediatrics — University of Cincinnati Ho Cincinnati, OH	spital,
LEE DAVID SILVERMAN	Philadelphia, P.
Psychiatry — Thomas Jefferson Universit Philadelphia, PA	ty Hospital,
CHRISTOPHER KUMAR SINHA	
Transitional — Tripler Army Medical Ce Honolulu, HI	nter,
JOHN JOSEPH SIROTNAK	Throop, Pa
Surgery — Preliminary — Abington Men Abington, PA	norial Hospital,
TIMOTHY EARL SLAVENS	Millsboro, D
Family Practice — St. Joseph's Hospital,	
JOSEPH JOHN SLIWKOWSKI, JR B.S., Georgetown University	
Family Practice — Thomas Jefferson Uni Philadelphia, PA	versity Hospital
PAUL ANDREW SLOTA	
Hospital, Bryn Mawr, PA Physical Medicine and Rehabilitation — Jefferson University Hospital, Philadel	Γhomas
GEORGE ALAN SMALL	
AOA A.B., Harvard College	
Internal Medicine — Preliminary — Beth Center, New York, NY Neurology — Columbia University, New	
SAE HOON SOHN	
 B.A., Swarthmore College General Surgery — St. Vincent's Hospital New York, NY 	l,
WILLIAM LLOYD SPRAGUE T	unkhannock, PA
B.S., Muhlenberg College Family Practice — Sacred Heart Hospital	, Allentown, PA
ROBERT NICHOLAS STAFFEN	Homer City, PA
B.S., Indiana University of Pennsylvania Internal Medicine — Milton S. Hershey N	Medical Center,
Hershey, PA Christine Louise Stanley	. Newtown, PA
B.S., Youngstown University Obstetrics/Gynecology — Lankenau Hosp Philadelphia, PA	
Brian Stello	Shillington, PA
B.S., Albright College Family Practice — Sacred Heart Hospital,	Allentown, PA
RICHARD KEITH STERLING	. Plantation, FI
M.S., University of Texas Internal Medicine — Medical College of V	Virginia,
Richmond, VA	

ROBERT RICHARD STOCK Wilmington, DE B.A., University of Delaware Family Practice — Medical Center of Delaware, Newark, DE	Lynn Ryan Williams	
GORDON KAVANAUGH STOKES Norfolk, VA AOA B.A., Hampden-Sydney College	M.P.H., University of Michigan Internal Medicine — Preliminary — Abington Memorial Hospital, Abington, PA	
M.S., Old Dominion University General Surgery — Medical College of Virginia, Richmond, VA	CAROL JANINE WINTON Mission Viejo, C. B.S., University of California — Irvine Internal Medicine — Preliminary — Pacific Presbyterian	
MICHAEL LOUIS SUNDAY	Medical Center, San Francisco, CA Ophthalmology — St. Luke's/Roosevelt Hospital Center New York, NY	
General Surgery — Thomas Jefferson University Hospital, Philadelphia, PA SUZANNE TERESA PRASILOVA VOELLER	RANDALL VERNON WONG	
SUNDHEIM	Hospital, Bryn Mawr, PA Ophthalmology — Georgetown University Medical Center, Washington, DC	
CLINSON BOCKCHOON TAN	RANDOLPH WING YIP WONG	
Heidi Pearl Tonken	Scott Lee Worman Columbus, G. B.A., Saint Lawrence University Family Practice — University of California — San Diego Medical Center, San Diego, CA	
STEPHANIE M. Toy	Brenda Ann Yanez Scottsdale, A B.S., Arizona State University Transitional — Lancaster General Hospital, Lancaster, PA	
Francisco, CA JOHN MICHAEL TRAVALINE, JR Philadelphia, PA B.S., Saint Joseph's University Internal Medicine — University of Maryland Medical	AMY YAVOREK Dickson City, P. AOA B.S., University of Scranton Obstetrics/Gynecology — Albert Einstein Medical Center, Philadelphia, PA	
System, Baltimore, MD CRAIG GEORGE VITI	Gregory K. Yim	
MICHAEL JAMES WALKER Broomall, PA B.S., Muhlenberg College General Surgery — Thomas Jefferson University Hospital, Philadelphia, PA	KEVIN MICHAEL ZAKRZEWSKI	
WILLIAM JOSEPH WARNING, II Newtown, PA B.A., Bucknell University Family Practice — Lancaster General Hospital, Lancaster, PA	JAMES GARFIELD ZANGRILLI Pittsburgh, P. B.S., The Pennsylvania State University Internal Medicine — Thomas Jefferson University Hospital, Philadelphia, PA	
MARTIN DOUGLAS WEAVER Philadelphia, PA B.A., Dickinson College M.A., Temple University	Kenneth Lee Zettzer	
Transitional — Mercy Catholic Medical Center, Darby, PA SHARON JANE WIGGILL Wilmington, DE	MARK ALAN ZELKOVIC Pittsburgh, PAB.A., Washington and Jefferson College	
AOA A.B., Princeton University	General Surgery — Allentown Affiliated Hospital, Allentown, PA	
Radiology/Diagnostic — Temple University Hospital, Philadelphia, PA	CLAIRE ZILBER	
DAVID ADAM WILLIAMS Jamison, PA B.S., Rensselaer Polytechnic Institute Internal Medicine — Preliminary — Medical Center of	Denver, CO Gunnar Walfrid Zorn, III Sadsburyville, P.	
Delaware, Newark, DE Neurology — University of Massachusetts Medical Center, Worcester, MA	B.S.E., Duke University Internal Medicine — Preliminary — Medical Center of Delaware, Newark, DE	
AOA — Alpha Omega Alpha Honor Medical Society	Physical Medicine and Rehabilitation — Thomas Jefferson University Hospital, Philadelphia, PA	

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

B.S., The Pennsylvania State University	Wayne, PA
M.S., University of Michigan	
Thesis Title: "Investigation of Some Roles and Interactions Embryo' System."	of Collagen in Development Using the Hydra 'Artificial
Thesis Advisor: E. Marshall Johnson, Ph.D.	
BELLEE MANDELBAUM (Environmental Toxicology) B.A., Brooklyn College Ph.D., University of Pennsylvania Thesis Title: "Behavioral Effects of Low Lead Levels on Ra Thesis Advisor: Ronald P. Jensh, Ph.D.	ats Exposed from Conception through Weaning."
CANDIDATES FOR THE DEGREE OF MASTE	R OF SCIENCE IN CLINICAL MICROBIOLOGY
ROL JEANNE MESSLER King of Prussia, PA	VILAS SATISHCHANDRAN Folsom, PA

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.

■ AWARDS and PRIZES →

Awarded at Class Day Exercises on Thursday, June 9, 1988

FACULTY AWARDS ---

The Christian R. and Mary F. Lindback Award for Distinguished Teaching.
BASIC SCIENCES: IVAN DAMJANOV, M.S., M.D., Ph.D., Professor of Pathology and Cell Biology CLINICAL SCIENCES: GERALD M. FENDRICK, B.A., M.D., Clinical Professor of Pediatrics

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

BASIC SCIENCES: THOMAS MICHAEL BUTLER, B.A., Ph.D., Professor of Physiology CLINICAL SCIENCES: JOSE MARTINEZ, M.D., Professor of Medicine

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

JOHN JOSEPH BLIZZARD, A.B., M.A., M.D., Clinical Professor of Medicine, Lankenau Hospital

The Leon A. Peris Memorial Award. To a member of the volunteer faculty for excellence in clinical teaching

BURTON L. WELLENBACH, B.A., M.D., Clinical Professor of Obstetrics and Gynecology

--- AWARDS TO GRADUATING STUDENTS ---

The Clinical Surgery Prize in memory of Francis Torrens Stewart, M.D., Professor of Surgery, Jefferson Medical College, 1910-1920. GORDON KAVANAUGH STOKES, (honorable mention: JOHN CHARLES MAGEE)

The Orthopaedic Surgery Prize, sponsored by Professor John J. Gartland, M.D. JOHN BRIAN CATALANO, (honorable mention: WILLIAM JOSEPH MARKOWSKI)

The Edward J. Moore Memorial Prize in Pediatrics. JEFFREY SCOTT FENDRICK, (honorable mention: ERIC JOSEPH SIEGEL)

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. KAI DAVID JUSSI SAUKKONEN, (honorable mention: JEANNE M. MARRAZZO)

The S. MacCuen Smith Memorial Prize in Otology, sponsored by Mrs. Stuart Lodge Bullivant in memory of her father FRANCES ELEANORE GENTILE, (honorable mention: BRIAN THOMAS PELCZAR)

The Carroll R. Mullen Memorial Prize in Ophthalmology. GREG FRANCIS BURKE, (honorable mention: SHARON JANE WIGGILL)

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. EILEEN THERESA McGLYNN, (honorable mention: JOSEPH JOHN SLIWKOWSKI, JR.)

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. EILEEN THERESA McGLYNN, (honorable mention: EVALINE A. ALESSANDRINI)

The William Potter Memorial Prize in Clinical Medicine, award given from a bequest of Mrs. Adaline Potter Wear for highest attainment. MICHAEL LOUIS SUNDAY, (honorable mention: LYNN RYAN WILLIAMS)

The Alumni Prize, awarded by Jefferson Medical College Alumni Association for the highest cumulative record. LYNN RYAN WILLIAMS, (honorable mention: JOAN DUNSTONE O'LEARY)

The Louis B. Swisher, Jr. Memorial Prize in Anesthesiology. ALBERT ADAM BELARDI, JR., (honorable mention: JASON CHARLES CWIK)

The Philip J. Hodes Prize in Radiology.

BARBARA DAWN PETERS, (honorable mention: MICHAEL EVAN LEES)

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. PATRICIA MARY CURTIN, (honorable mention: KATE SUGARMAN GREENBERG)

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, JOHN M. DODGE, (honorable mention: JOAN DUNSTONE O'LEARY)

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

GERARD A. DelGRIPPO, JR., (honorable mention: WILLIAM JOSEPH WARNING, II)

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

JAMES LEO McCABE, III

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. SUZANNE ELIZABETH REISS, (honorable mention: EVALINE A. ALESSANDRINI)

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.

EILEEN THERESA McGLYNN, (honorable mention: SHARON JANE WIGGILL)

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

ROBERT FRANK CROCHELT

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.

DEBORAH ANN KULP-HUGUES, (honorable mention: BRUCE NELSON BENGE)

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

SUZANNE PATRICIA OLIVIERI, (honorable mention: GREG FRANCIS BURKE)

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

KRISTA ANNE MANGES, (honorable mention: RICHARD LEE ELGART)

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

MARK EDWARD BREZINSKI and ROBERT FRANK CROCHELT. (honorable mention: LYNN RYAN WILLIAMS)

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

GREG FRANCIS BURKE, (honorable mention: JOHN CHARLES MAGEE)

The Annie Simpson Lung Disease Prize to be awarded to the medical student who shall receive the best general PHILIP HUGH O'DONNELL, (honorable mention: JAMES JOSEPH O'CONNOR, III)

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.

LYNN RYAN WILLIAMS, (honorable mention: JOAN DUNSTONE O'LEARY)

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. JAMES LEO McCABE, III, (honorable mention: CHARLES CRAWFORD MECHEM)

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. GEORGE ALAN SMALL, (honorable mention: JAMES JOSEPH O'CONNOR, III)

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 Sayacool, M.D., an alumnus and former member of the medical faculty of Jefferson Medical College, STACIA TAYLOR REMSBURG, (honorable mention: PATRICIA MARY CURTIN)

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

JOHN CHARLES MAGEE, (honorable mention: LYNN RYAN WILLIAMS)

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

LYNN RYAN WILLIAMS

The Janet M. Glasgow American Medical Women's Association Scholarship Achievement Citation. KRISTA ANNE MANGES ANN GIOVANNA AULETTA **RUTH ANN BYERS** EILEEN THERESA McGLYNN JOAN DUNSTONE O'LEARY LINDA LOURAY CASTEEL

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

JOHN WELDON REYNOLDS

MICHAEL LOUIS SUNDAY

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

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

PATRICIA MARY CURTIN

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. JOHN MICHAEL DelGAUDIO

DOCTOR OF HUMANE LETTERS—BERNARD LOWN

Doctor Bernard Lown, a summa cum laude graduate from the University of Maine, received his Doctor of Medicine degree from The Johns Hopkins University School of Medicine. He is Professor of Cardiology at the Harvard School of Public Health and Senior Physician at Brigham and Women's Hospital in Boston.

Doctor Lown, a pioneer in the research of sudden cardiac death, invented the defibrillator and the cardioverter, and introduced Lidocaine, a drug used worldwide to control disturbances in heartbeat. His recent work has demonstrated the role of psychological and behavioral factors in regulating the heart. Doctor Lown has written two books and published more than three hundred articles in leading medical journals.

Having a long-standing interest in international cooperation, Doctor Lown presided over the USA-China Physicians' Friendship Association in 1974-75. He founded and served as first president of Physicians for Social Responsibility and he has served as coordinator of various USA-USSR studies in cardiovascular disease.

In 1979, Doctor Lown wrote to Evgueni Chazov, Director General of the Cardiovascular Institute of the USSR, suggesting the formation of International Physicians for the Prevention of Nuclear War. IPPNW was established one year later. In 1985, Doctors Lown and Chazov accepted the Nobel Peace Prize on behalf of IPPNW for its "considerable service to mankind by spreading authoritative information and by creating an awareness of the catastrophic consequences of atomic warfare." Dr. Lown is the recipient of the George F. Kennan Award, the Ghandi Peace Price, and the first Cardinal Medeiros Peace Award as well as numerous honorary degrees.

Doctor Lown is married to Louise C. and is the father of Anne Lown Green, Frederick, and Naomi.

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 Philadelph	nia academic health institutions are:	

black and blue	Thomas Jefferson University	silver gray and scarlet The Medical College of
red and blue	University of Pennsylvania	Pennsylvania
blue and gold	Hahnemann University	white and cherryTemple 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, Emeritus Professor of Pediatrics, who determined that the founding year of Jefferson Medical College was 1824 rather than 1826. This seal is identical to the present corporate seal except the words "Thomas Jefferson University" replace "Jefferson Medical College". It was used for only two years — from 1967 to 1969.

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

