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1990 Commencement for Jefferson Medical College and College of Graduate Studies

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166TH COMMENCEMENT



Jefferson Medical College
College of Graduate Studies

of
Thomas Jefferson University
Philadelphia, Pennsylvania

1824-1990

Friday, June Eighth Nineteen Hundred and Ninety 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.

	TRUMPET VOLUNTARYJOHN STANLEY
	THE JEFFERSON PROCESSIONALBURLE MARX
OPENING PROCLAMATION	EDWARD C DRISCOLL Chairman
	Board of Trustees
	Thomas Jefferson University
THE NATIONAL ANTHEM	
INVOCATION	Most Reverend Anthony J. Bevilacqua
	Archbishop of Philadelphia
CONVOCATION	
	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	
	JOSEPH S. GONNELLA, Senior Vice President and Dean
The state of the s	Jefferson Medical College
The Oath of Hippocrates	JOSEPH F. MAJDAN, Clinical Assistant Professor
	Professor of Medicine
	Jefferson Medical College
Master of Science	
Presented by	Dean Saukkonen
The state of the s	
CONFERRING OF HONORARY DEGREE	THE PRESIDENT
Louis W. Sullivan, Doctor of Humane Letters	
Presented by	Chairman Driscoll
BENEDICTION	Archbishop Bevilacqua
RECESSIONAL	Pomp and Circumstance
W. Ernest W	ELLS, Organist
Grand	Marshal
Bruce E	. Jarrell
Faculty	Marshals
BENJAMIN BACHARACH R. ANTHONY CARABAS	
GENO J. MERLI HOWARD K. RABINOWITZ RICHARD	R. SCHMIDT JOSEPH R. SHERWIN MARION J. SIEGMAN
Student	Marshals
Una M. Espenkotter	LINDA M. JEMISON
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	
Frank Cerasoli, Jr. (Physiology)	NJ
Thesis Advisor: Marlys H. Gee, Ph.D.	
ROBERT VINCENT CONSIDINE (Physiology)	NJ
GLENN DAVID FRAZER (Pharmacology)	PA
B.S., Drexel University Thesis Title: "The Effect of Glucose and Acetyl-L-Carnitine on Energy Metabolites, Lipid Peroxidation and Glutathione During and Following Hypoxia in the Rat Hippocampal Slice." Thesis Advisor: Anthony J. Triolo, Ph.D.	
Peter Aloysius Glascott, Jr. (Pharmacology)	PA
B.A., University of Pennsylvania Thesis Title: "Salicylate-Induced Nephrotoxicity in the Laboratory Rat: Effects of Age, Sex and Strain." Thesis Advisor: James J. Kocsis, Ph.D.	
CHARLES BRIGGS HATHAWAY (Anatomy)	IC
Anguilla Rostrata (Teleostei)." Thesis Advisor: August Epple, Ph.D.	
DIANE MARIE HERSHOCK (Pharmacology)	PA
B.S., Saint Joseph's University Thesis Title: "Stress Effects on Serum Nonesterified Fatty Acid, Triglyceride, Total and HDL Cholesterol Levels in Adult Rats." Thesis Advisor: Wolfgang H. Vogel, Ph.D.	
Brian A. Learn (Microbiology and Immunology)	1D
B.S., The Pennsylvania State University Thesis Title: "Studies of Methyl-Directed DNA Repair in Escherichia Coli." Thesis Advisor: Robert H. Grafstrom, Ph.D.	
Donald Chua Liu (Pharmacology)	A
Thesis Title: "Unusual Immunomodulatory Activities of Poly (GLU, PHE) in Different Murine T Cell Systems." Thesis Advisor: Paul H. Maurer, Ph.D.	
JOANNE MARIE MILLER (Pharmacology)	PA
B.S., Shippensburg State University Thesis Title: "Measurement of Free and Conjugated Amino Compounds in Mammalian CNS: A Prototype Approach Resulting in the Detection of Several Novel GABA-containing	
Compounds." Thesis Advisor: Theodore A. Hare, Ph.D.	
BRIAN O'ROURKE (Physiology)Bensalem, P	A
B.S., The Pennsylvania State University Thesis Title: "Mechanisms of the Cardiac Alpha-Adrenergic Response." Thesis Advisor: Diane K. Reibel-Shinfeld, Ph.D.	
JOHN ANDREW OSBORNE (Physiology)	A
Thesis Advisor: Allan M. Lefer, Ph.D.	
JOHN VINCENT POLLOCK (Physiology) B.S., Mount Saint Mary's College Thesis Title: "Vasoactive Responses of Isolated Rabbit Pulmonary Arterial Rings to Phorbol Esters	A
and Autologous Lymphocytes." Thesis Advisor: James A. Spath, Jr., Ph.D.	
EILEEN FRANCES ROARKE (Anatomy)	AI'
JOHN EDWARD ROONEY (Biochemistry & Molecular Biology)	NJ
A.B., Holy Cross College Thesis Title: "Detection and Location of Single Base Mutations in Large DNA Fragments by Immunomicroscopy."	
Thesis Advisor: Darwin J. Prockop, M.D., Ph.D.	

MICHAEL ALEXANDER KOBIN SATRE (Anatomy)
B.S., University of California
Thesis Title: "Maternal-Fetal Disposition of Vitamin A Associated with Normal and Abnormal
Development in the Mouse."
Thesis Advisor: Devendra M. Kochhar, Ph.D.
RICHARD JAY SMEYNE (Anatomy)
B.S., Saint Joseph's University
M.A., University of Hartford
Thesis Title: "The Development of the Weaver Cerebellum."
Thesis Advisor: Daniel Goldowitz, Ph.D.

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE			
MATTHEW CARL ACKER III	Dole Parker Baker, Jr		
B.S., University of Notre Dame Family Practice — The Bryn Mawr Hospital, Bryn Mawr, PA	Internal Medicine — Preliminary — The Lankenau Hospital, Philadelphia, PA Ophthalmology — Geisinger Medical Center, Danville, PA		
MARIA ALAIMO-DINWIDDIE Van Nuys, CA B.S., M.S., University of California — Los Angeles Family Practice — Medical Center of Delaware, Newark, DE	PETER KURT BAMBERGER		
Andrés Martin Aldrete	Daniel Baram		
THOMAS JAMES ALLARDYCE	New York, NY Lena Diane Baram		
TARO ARAI	ROBERT EDWARD BARKETT, JR		
ELLEN MICHELE ARCHSpringfield, PA AOA B.S., Dickinson College	B.S., University of California — Irvine Psychiatry — University of California — Davis Medical Center, Sacramento, CA		
Pediatrics — University Health Center, Pittsburgh, PA CHRISTINE ANN ARENSON	Andrew William Bauer		
DIANE MARY ARMAO	B.S., Union College Surgery — Preliminary — The Johns Hopkins Hospital, Baltimore, MD		
Pathology — University of New Mexico School of Medicine, Albuquerque, NM Evangelos Van BadiavasLindenwold, NJ	NATHAN LOUIS BENNETT		
B.A., Rutgers, The State University of New Jersey Ph.D., Thomas Jefferson University Internal Medicine — Preliminary — The Medical College of Pennsylvania, Philadelphia, PA	Monroeville, PA ALAN KEITH BERGER		

AOA — Alpha Omega Alpha Honor Medical Society

E	VINCENZO BERGHELLA
(Obstetrics/Gynecology — New York Infirmary — Beekman Downtown Hospital, New York, NY
E	RONALD STUART BERNE
E	DAVID ALFRED BIGATEL Allentown, PA B.S., The Pennsylvania State University surgery — Preliminary — Geisinger Medical Center, Danville, PA
E	RALPH ANTHONY BRASACCHIO
F	Radiation Oncology — Strong Memorial Hospital, Rochester, NY
١	MARK DAVID BRENNAN, JR
	nternal Medicine — Preliminary — The Lankenau Hospital, Philadelphia, PA
P	Anesthesiology — Thomas Jefferson University Hospital, Philadelphia, PA
E	OHN KILGALLEN BURKE
	Obstetrics/Gynecology — The Lankenau Hospital, Philadelphia, PA
E	FODD MICHAEL BUTZ
E	MARY CHRISTINE BYRON
F	Hospital, Philadelphia, PA Anesthesiology — Emory University School of Medicine, Atlanta, GA
F	A.B., Princeton University A.S., Hahnemann University
(Orthopaedic Surgery — University of Medicine and Dentistry of New Jersey — Robert Wood Johnson Medical School, Piscataway, NJ
F	LESLIE SETON CARROLL
	STEPHEN LINDSAY CARTER
E	B.A., Point Loma College General Surgery — Barnes Hospital, St. Louis, MO
	MARK EDWARD CASE Kennett Square, PA 3.S., Yale University
]	Fransitional — William Beaumont Army Medical Center, El Paso, TX
J	ANE WOR CHAN
(Obstetrics/Gynecology — Strong Memorial Hospital, Rochester, NY

Wen Chao	
AOA B.S., University of Delaware Surgery — Preliminary — Thomas Jefferson University Hospital, Philadelphia, PA Orthopaedic Surgery — Thomas Jefferson University Hospital, Philadelphia, PA	(
SANDRA CHERN	
AOA B.S., The Pennsylvania State University Internal Medicine — Preliminary — Hospital of the University of Pennsylvania, Philadelphia, PA Ophthalmology — Indiana University Medical Center, Indianapolis, IN	
SCOTT CHRISTOPHER COLEBloomsburg, PA B.S., Juniata College	
Internal Medicine — Preliminary — The Lankenau Hospital, Philadelphia, PA Anesthesiology — Thomas Jefferson University Hospital,	
Philadelphia, PA	
THOMAS PATRICK CURRAN Mountaintop, PA cum laude AOA	
B.S., King's College Internal Medicine — New England Deaconess Hospital,	
Boston, MA	
DAVID ARTHUR DALESSANDRO	
THOMAS ANDREW D'AMATOPhiladelphia, PA	
B.S., The Pennsylvania State University Ph.D., State University of New York at Binghamton General Surgery — Eastern Virginia Graduate School of Medicine, Norfolk, VA	(
MICHAEL JAMES DANNENBERG	
Neville Davis	
B.A., Trinity College M.P.A., Cornell University Family Practice — University of Missouri Hospitals and Clinics, Columbia, MO	
RANDY GEORGE DELCORE Plattsburgh, NY cum laude AOA	
B.S., State University of New York at Albany Orthopaedic Surgery — University of Iowa Hospitals and Clinics, Iowa City, IA	
STEPHANIE LEE DEMARA	
Anesthesiology — University of Arizona Affiliated Hospitals, Tucson, AZ	
ERIC DESMAN	
ALICE RUTH DICK	1
B.S., University of Pennsylvania Internal Medicine — Pacific Presbyterian Medical Center, San Francisco, CA	

ROBERTA MARIA DIFLORIO
THERESA ANN VICTORIA DONATI
RANDALL RICHARD DRAPERButler, PA B.S., Gannon University General Surgery — Western Pennsylvania Hospital, Pittsburgh, PA
DAVID EZRA DRIBAN
ROSEMARY ANN DUFFY
ROBIN ANN DUNFEE
Deborah Ida Eisen
KAREN SUE ELFMAN
JENNIFER LYNN ELLIS
LESLIE ELIZABETH EVERTS
WILLIAM DANA FALES
MARK ROBERT FANTASKI North Braddock, PA B.S., Westminster College Internal Medicine — Allegheny General Hospital, Pittsburgh, PA
FIMOTHY JUDE FARRELL
CATHERINE MARIE FLORIO
MARY JENNIFER BOLAND FRATTALI Philadelphia, PA 3.S., University of Scranton Internal Medicine — Preliminary — Hahnemann University Hospital, Philadelphia, PA Ophthalmology — Hahnemann University Hospital,
Philadelphia, PA

Noah David Freedman Philadelphia, P B.A., University of Pennsylvania	A
Psychiatry — Thomas Jefferson University Hospital, Philadelphia, PA	
PETER DONALD FURNESS III Wilmington, D B.S., University of Delaware Urology — Milton S. Hershey Medical Center, Hershey, PA	E
HOWARD GABOR	A
TERENCE JAMES GALLAGHER	A
Mary Elizabeth Gallivan	al
CATHERINE M. GANNON	A
Henry Fernando Garazo-LorenteHyattsville, M. B.S., Mount Saint Mary's College General Surgery — State University of New York Healt Science Center — Syracuse, NY	
THOMAS JOSEPH GAVIN	
Bruce Lawrence Gilliam Rancho Palos Verdes, C. A.B., Occidental College M.S., University of Arizona Internal Medicine — University of California — Davis Medical Center, Sacramento, CA	A
KAREN RUTH GINN	A
SUSAN BETH GINSBERG	A
David Vaughn Glorioso Pittsburgh, Pa B.S., Washington and Jefferson College Internal Medicine — Allegheny General Hospital, Pittsburgh, PA	A
KEITH ADAM GLOWACKI	A
NITI GOEL	Y
MIRA MANHAR GOHEL	

ANGELO GRILLO	CARO cum AOA
Newark, DE	B.A. Inter
LENORE M. TIETJENS GRILLO	De Opht
Obstetrics/Gynecology — Medical Center of Delaware, Newark, DE	MAUI
ROBERT E. GUILDAY	B.S., Surge
General Surgery — The Lankenau Hospital, Philadelphia, PA	Urolo
STEVEN KENNETH HERRINE Merion, PA magna cum laude AOA	B.A. Intern
B.A., Oberlin College Internal Medicine — Hospital of the University of Pennsylvania, Philadelphia, PA	ERNE B.S.,
DAVID FAHNESTOCK HOFFMAN Mohnton, PA	Surge Sch
B.S., Bucknell University Obstetrics/Gynecology — Medical Center of Delaware, Newark, DE	Neur Sch
JEFFREY MARC HOFFMAN Hollywood, FL cum laude	AOA B.S.,
B.S., The Pennsylvania State University Pediatrics — All Children's Hospital, University of South Florida College of Medicine, St. Petersburg, FL	Emer Me
REBECCA MANNING HOGUE Fresno, CA B.A., United States International University	VEDA B.S.,
Obstetrics/Gynecology — Abington Memorial Hospital, Abington, PA	Tran Opht Bu
DAVID ADDIS HORVATH Whitehall, PA B.S., Muhlenberg College	Bu
General Surgery — Geisinger Medical Center, Danville, PA	VIKRAOA B.S.,
Angela Grace Houser	Gene Bo
Reading, PA	Місн В.А.
RICHARD HAYES HUNNLansdale, PA AOA B.S. Muhlaphara College	Inter
B.S., Muhlenberg College Internal Medicine — University Health Center, Pittsburgh, PA	JAMES cum l
CHRISTOPHER FELL HUNTINGTON Wilmington, DE	AOA B.S.,
B.A., University of Pennsylvania Surgery — Preliminary — The Lankenau Hospital,	Surge Ho
Philadelphia, PA	Otola Phi
GALICANO FERNANDO INGUITO, JR Newark, DE B.A., University of Delaware	ELLE
Obstetrics/Gynecology — Tripler Army Medical Center, Honolulu, HI	B.S., Intern Ho
NICHOLAS ANTHONY INVERSO	MELA
Internal Medicine — Thomas Jefferson University	B.A.
Hospital, Philadelphia, PA Michael David Ioffreda	Interi
B.S., Haverford College	Susan
Internal Medicine — Preliminary — Hahnemann University Hospital, Philadelphia, PA	B.S., Trans
Oniversity Hospital, Finladelpina, FA	Da
	Radio

CAROL JEAN JAMES		
B.A., University of Delaware Internal Medicine — Preliminary — Medical Center of Delaware, Newark, DE Ophthalmology — Wills Eye Hospital, Philadelphia, PA	C	1
MAURY ALAN JAYSON Springfield, NJ AOA B.S., Tufts University		
Surgery — Preliminary — Yale-New Haven Hospital, New Haven, CT Urology — Yale-New Haven Hospital, New Haven, CT		
MARGARET MARY JOHNSON		
ERNEST PRICE JONES, JR		
School of Medicine, Norfolk, VA LISA DAWN JOSEPHSON Encino, CA		
AOA B.S., Tufts University Emergency Medicine — University of California-Irvine Medical Center, Orange, CA		
VEDA LOUISE JOVANOVICH		ij
VIKRAM SHANTARAM KASHYAP Downers Grove, IL AOA B.S., The Pennsylvania State University General Surgery — Massachusetts General Hospital, Boston, MA		
MICHAEL GEORGE KATLAN		
JAMES JOHN KEARNEY		
B.S., Saint Joseph's University Surgery — Preliminary — Thomas Jefferson University Hospital, Philadelphia, PA Otolaryngology — Thomas Jefferson University Hospital,		
Philadelphia, PA ELLEN CATHERINE KEELEYBrigantine, NJ		
B.S., Saint Joseph's University Internal Medicine — Thomas Jefferson University Hospital, Philadelphia, PA		
MELANIE SHARON KELTON New York, NY B.A., University of Pennsylvania Internal Medicine — The New York Hospital, New York, NY		
SUSAN LUCILLE KENNEDYConvent Station, NJ B.S., Georgetown University Transitional — Mercy Catholic Medical Center, Darby, PA	0	1
Radiology-Diagnostic — University Health Center, Pittsburgh, PA		

SANGHOON KIM
MICHAEL A. KLINE
RENÉE KATHRIN KOTTENHAHN
JOHN MATTHEW KOZAK Everett, MA A.B., Harvard College Internal Medicine — Preliminary — Carney Hospital, Boston, MA Physical Medicine and Rehabilitation — New England Medical Center Hospital, Boston, MA
SHERRI LYNN KRAMER
MATTHEW ERIC KRUPNICK Huntingdon Valley, PA B.A., University of Pennsylvania Internal Medicine — New York University Medical Center, New York, NY
CINDY PEILUN KUO
DOUGLAS FRANK KUPAS New Kensington, PA AOA B.S., Indiana University of Pennsylvania Emergency Medicine — Geisinger Medical Center, Danville, PA
ROBERT JOHN LAMBERTS Penfield, NY B.S., Houghton College Medicine — Pediatrics — Indiana University Medical Center, Indianapolis, IN
BARBARA MARY LEIGHTONBroomall, PA B.S., Saint Joseph's University Internal Medicine — Thomas Jefferson University Hospital, Philadelphia, PA
MICHAEL EDWARD LEKAWA Anaheim, CA B.S., University of California — Riverside General Surgery — Cedars-Sinai Medical Center, Los Angeles, CA
DANIEL JAMES LEONARD III
MARC JASON LEVINE
Orthopaedic Surgery — Thomas Jefferson University Hospital, Philadelphia, PA

ROSINA P. LIN
B.S., The Pennsylvania State University Internal Medicine — Preliminary — Thomas Jefferson University Hospital, Philadelphia, PA
Donald Chua Liu
B.A., The Johns Hopkins University General Surgery — Hospital of the University of Pennsylvania, Philadelphia, PA
ALAN YUNG-TSU LOBethlehem, P. B.A., University of Pennsylvania Internal Medicine — University of California — Irvine Medical Center, Orange, CA
EDWARD JOSEPH MACKLE Willow Grove, P. B.A., University of Pennsylvania Internal Medicine — Preliminary — The Lankenau Hospital, Philadelphia, PA Anesthesiology — Temple University Hospital, Philadelphia, PA
GORDON CHARLES MANIN Wyndmoor, P.
 B.A., Boston University Family Practice — University of Medicine and Dentistry of New Jersey — Robert Wood Johnson Medical School, Piscataway, NJ
Daniel Paul Markmann Huntingdon Valley, Pa B.A., La Salle University M.S., Drexel University General Surgery — The Union Memorial Hospital, Baltimore, MD
JAMES VINCENT MARTINO
JOHN FRANCIS McDyer
THERESA A. MEADE
MONICA ANN MEYER King of Prussia, PAA.B., Vassar College
Family Practice — Memorial Hospital, Pawtucket, RI
MICHAEL KENNETH MILLER Selinsgrove, PAB.A., The Pennsylvania State University Internal Medicine — Allegheny General Hospital,
Pittsburgh, PA
EDMUND MANSFIELD MITCHELL
JOHN JOSEPH MONROE, JRPhiladelphia, PAB.A., Duquesne University B.S., University of Massachusetts at Boston Family Practice — Abington Memorial Hospital,
Abington, PA Gaetano P. Monteleone, Jr
B.S., Saint Francis College Family Practice — Harrisburg Hospital, Harrisburg, PA
CATHERINE JOAN PIECYK MONTGOMERY Blue Bell, PAB.S., The Pennsylvania State University Family Practice — West Jersey Health System, Voorhees, NJ

Physic	cal Medicine and Rehabilitation — University of
	ginia Hospitals, Charlottesville, VA
cum l	
AOA B.A.	Rutgers — The State University
Interr	nal Medicine — Preliminary — Pennsylvania spital, Philadelphia, PA
Radio	ology-Diagnostic — Thomas Jefferson University spital, Philadelphia, PA
	LEY GIBSON NICHOLS Williamsport, PA
Interr	Bucknell University nal Medicine — Preliminary — The Bryn Mawr spital, Bryn Mawr, PA
WILLA AOA	ARD STOVER NOYES Kutztown, PA
B.S., Surge	Dickinson College ry — Preliminary — Mayo Graduate School of
	dicine, Rochester, MN ryngology — Mayo Graduate School of Medicine,
	chester, MN
	THY JAMES O'BRIENBradford, PA
AOA R S	University of Pittsburgh
Trans	itional — Mercy Catholic Medical Center,
	nalmology — Wills Eye Hospital, Philadelphia, PA
ROBEI cum la AOA	
B.S., Surge	Georgetown University ry — Preliminary — Mercy Catholic Medical Center,
Otola	by, PA ryngology — Thomas Jefferson University Hospital, ladelphia, PA
	ICE LEONARD O'ROURKE Danville, PA
Famil	Moravian College y Practice — Malcolm Grow United States Air Force dical Center, Washington, DC
John .	Andrew Osborne
AOA	
Intern	The Pennsylvania State University al Medicine — Brigham and Women's Hospital, ton, MA
DAVID	EDWARD OST Warminster, PA
B.S.,	The Pennsylvania State University al Medicine — McGaw Medical Center-
	thwestern University, Chicago, IL
	L SCOTT PACIFICO
B.S., Intern	University of Notre Dame al Medicine — Georgetown University Hospital, shington, DC
	PETER PARENTE, JR Springfield, PA
B.S., S Family	Saint Joseph's University y Practice — Geisinger Medical Center, aville, PA
JRACE	E EUNHYE PARK

PAMELA DOROTHEA PARKER	(M)	(
RONALD ALAN PECK		
DANIEL P. PELLEGRINI Pittsburgh, PA B.S., University of Michigan General Surgery — Medical College of Ohio, Toledo, OH	1	
CLAIRE BERTHA PERLMAN)	
LAWRENCE CRAIG REARDON Pittsburgh, PA B.S., The Pennsylvania State University Internal Medicine — University Health Center, Pittsburgh, PA		
ALICE REICH		
JOHN EDWARD ROONEY		
KAREN ANN ROPERTILower Burrell, PA		
AOA B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center, Pittsburgh, PA	CVA	10
B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center,	CUA	
B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center, Pittsburgh, PA JAMES DOUGLAS RORABAUGH Boalsburg, PA B.S., United States Air Force Academy General Surgery — Wilford Hall United States Air Force		
B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center, Pittsburgh, PA JAMES DOUGLAS RORABAUGH		
B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center, Pittsburgh, PA James Douglas Rorabaugh		
B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center, Pittsburgh, PA James Douglas Rorabaugh		
B.S., University of Pittsburgh Obstetrics/Gynecology — University Health Center, Pittsburgh, PA James Douglas Rorabaugh		

		JENNIFER LANE SABOL
	(MARK JOSEPH SANGIMINO
7		URSULA RIPEPI SANGIMINO Bethel Park, PA cum laude AOA B.A., University of Pennsylvania M.A., University of Pittsburgh Internal Medicine — Preliminary — Akron City Hospital, Akron, OH Radiology-Diagnostic — Cleveland Clinic Foundation, Cleveland, OH
		GREGORY DAVID SCHAPIRO
		SCOTT JAMES SCHOEDLER
		BRIAN LEWIS SCHWAM Lafayette Hill, PA B.S., The Pennsylvania State University Internal Medicine-Preliminary — The Lankenau Hospital, Philadelphia, PA Ophthalmology — Cleveland Clinic Foundation, Cleveland, OH
CVI	10	ROBERT SCHWARTZSTEIN
		RODNEY MILAN SEPICH
		Charlottesville, VA MARK PATRICK SERALYFlanders, NJ AOA B.A., Washington and Jefferson College Internal Medicine — Preliminary — Thomas Jefferson
		University Hospital, Philadelphia, PA RANDY SHAFRITZ
		Center, Philadelphia, PA LINDA BETH SIEGEL
		SCOTT WAYNE SILODOR
	10	Ophthalmology — New York Medical College, New York, NY

AMITABH SINGH Bethel Park, F
B.S., The Pennsylvania State University Internal Medicine — Allegheny General Hospital,
Pittsburgh, PA
LESLIE ANN SKLAR
Pediatrics — New England Medical Center Hospital, Boston, MA
SUSAN FAITH SLOVIN
M.A., Ph.D., Columbia University Internal Medicine — The Mount Sinai Hospital, New York, NY
Scott Douglas Smith
B.S., Ursinus College Family Practice — York Hospital, York, PA
STACI JILL SMITH
B.S., Ursinus College Internal Medicine — Preliminary — The Lankenau Hospital, Philadelphia, PA
TOBY KLEINER SOBLE
M.A., M.Ed., Columbia University Family Practice — West Jersey Health System, Voorhees, NJ
JENNIFER ANNE SPALDING
B.S., The Pennsylvania State University Transitional — Presbyterian Medical Center,
Philadelphia, PA Anesthesiology — The Johns Hopkins Hospital, Baltimore, MD
MARSHALL WILLIAM STAFFORD Kennett Square, P. magna cum laude
AŎA
B.S., The Pennsylvania State University Transitional — Medical Center of Delaware, Newark, D. Ophthalmology — University Health Center, Pittsburgh, PA
TED MICHAEL STAMPIEN
B.S., University of Scranton Internal Medicine — Preliminary — Thomas Jefferson University Hospital, Philadelphia, PA
AMBER LYNNE BECKY STEINBERG
Anesthesiology — The New York Hospital, New York, NY
SARA ANGE STERLINGMillerton, P. B.S., Indiana University of Pennsylvania
Family Practice — West Jersey Health System, Voorhees, NJ
ALAN JAY STEVENSON Media, P. B.S., Columbia Union College
Pathology — Thomas Jefferson University Hospital, Philadelphia, PA
GEOFFREY STEWART
B.S., B.A., University of Delaware
Surgery — Preliminary — Pennsylvania Hospital, Philadelphia, PA
Orthopaedic Surgery — New England Medical Center Hospital, Boston, MA

B.A., Saint Vincent	- Preliminary — Beth Israel Medical
B.A., Brown Unive Internal Medicine — Hospital, Bryn M	- Preliminary — The Bryn Mawr awr, PA — University of Maryland Medical
CAROLE ELLEN THOM B.S., Muhlenberg C Internal Medicine — Hospital, Philadel	MAS
PATRICIA ANN TORNA B.S., University of I	A Clifton Heights, PA Pennsylvania
B.S., The Pennsylva	MANHuntingdon Valley, PA ania State University Hunterdon Medical Center,
B.S., University of C	California — Riverside Ogy — Hahnemann University phia, PA
B.S., University of C Internal Medicine —	
B.S., The Pennsylva Surgery — Prelimina Center, Durham,	ary — Duke University Medical
B.A., University of	- George Washington University

KATHLEEN THERESE WAGNER Philadelphia, PA cum laude AOA B.A., The Catholic University of America M.S., Georgetown University Family Practice — Thomas Jefferson University Hospital, Philadelphia, PA
Maria Jeanette Watson
GAYLE JOELENE WEAVER
DANA WHITHAM WHEELOCK
John William Whelan
Deborah Anne Whitehead
CHARLES CANDEE WHITNEY III
JOHN DAVID WILSONElkton, MD A.B., Susquehanna University M.S.E., University of Pennsylvania
ENGLOK YAP
EMILY L. YEE

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE	
MARCELA JENSEN (Pathology and Cell Biology)	PA
Thesis Title: "Purification of Teratogenic Stimulating Antigens from the Rat Visceral Yolk Sac by Isoelectric Focusing." Thesis Advisor: Robert L. Brent, M.D., Ph.D.	
VINOD K. KHETARPAL (Environmental Medicine and Toxicology)	PA
M.Sc., Postgraduate Institute of Medical Education and Research (Chandigarh, India) Ph.D., Boston University	
Thesis Title: "Transport of Doxorubicin in Calcium-Resistant Cardiac Myocytes Isolated from the Adult Rat Heart." Thesis Advisor: James J. Kocsis, Ph.D.	
Yu Mei Wang (Biochemistry & Molecular Biology)	A
Thesis Title: "The Exon Structure of the Triple Helical Coding Region of the Human Alpha 1 (VI) Collagen Gene." Thesis Advisor: Mon-Li Chu, Ph.D.	
Мил Zhao (Biochemistry & Molecular Biology)	na
B.S., M.S., Beijing University Thesis Title: "Characterization of a Single-Base Mutation in the Pro 1 (III) Collagen Gene of One Proband with a Variant of Ehlers-Danlos Syndrome Type IV."	
Thesis Advisor: Darwin J. Prockop, M.D., Ph.D.	
CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN CLINICAL MICROBIOLOG	Y
Elaine Grace StarrLansdale, P	Α
CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN NURSING	
Mary Elizabeth Bobbie Philadelphia, P Rosemary Fabiszewski Cherry Hill, N	
Frances Mary Herman Éwing, N Judith A. Hines Wilmington, D	NJ E
MELISSA ANN KRAUSS Wilmington, D DIANE J. LAVALLÉE Ottawa, Canac	E
WENDI RIESDORPH OSTROW	A
Ann Marie Szoke-Halal Walnutport, P	A
CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN OCCUPATIONAL THERAP	Y
Annette Lynn Davis Phoenixville, P. Margaret Mary Dorando-Unkle Runnemede, N. Tracey Vause Earland Philadelphia, P.	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.

-→AWARDS and PRIZES→

Awarded at Class Day Exercises on Thursday, June 7, 1990

FACULTY AWARDS

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

BASIC SCIENCES: RICHARD RALPH SCHMIDT, B.A., Ph.D., Associate Professor of Anatomy
CLINICAL SCIENCES: ERIC LYNN HUME, B.A., M.D., Assistant Professor of Orthopaedic Surgery

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

ROBERT L. BRENT, A.B., M.D., Ph.D., The Louis and Bess Stein Professor of Pediatrics and Chairman of the Department, Director of Division of Developmental Biology and Teratology, Professor of Radiology (Radiation Biology), Director of Division of Radiation Biology, and Professor of Anatomy

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

LAURENCE H. BECK, B.A., M.D., Professor of Medicine, Geisinger Medical Center

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

JOHN R. GRIFFITH, B.S., M.D., Clinical Assistant Professor of Medicine

→ AWARDS TO GRADUATING STUDENTS →

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

ERNEST LANCELOT ROSATO, (honorable mention: DONALD CHUA LIU)

The Orthopaedic Surgery Prize, sponsored by the Department of Orthopaedic Surgery.

MARC JASON LEVINE, (honorable mention: WEN CHAO)

The Edward J. Moore Memorial Prize in Pediatrics.

CATHERINE M. GANNON, (honorable mention: ELLEN MICHELE ARCH)

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.

DANIEL BARAM, (honorable mention: NITI GOEL)

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

ROBERT CARLOS O'REILLY, (honorable mention: JAMES JOHN KEARNEY)

The Carroll R. Mullen Memorial Prize in Ophthalmology.

JEFFREY MARC HOFFMAN, (honorable mention: MARY JENNIFER BOLAND FRATTALI)

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.

REBECCA MANNING HOGUE, (honorable mention: JEFFREY MARC HOFFMAN)

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.

ANDREA ROSE BATES, (honorable mention: BRUCE LAWRENCE GILLIAM)

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

DONALD CHUA LIU, (honorable mention: JOHN ANDREW OSBORNE)

The Alumni Prize, awarded by Jefferson Medical College Alumni Association for the highest cumulative record. NITI GOEL, (honorable mention: RODNEY MILAN SEPICH)

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

SCOTT CHRISTOPHER COLE, (honorable mention: MARK DAVID BRENNAN, Jr.)

The Philip J. Hodes Prize in Radiology.
WILLIAM BRIAN MORRISON, (honorable mention: AMITABH SINGH)

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.

CHRISTINE ANN ARENSON, (honorable mention: KATHLEEN THERESE WAGNER)

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.

NITI GOEL, (honorable mention: DONALD CHUA LIU)

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

MIRA MANHAR GOHEL, (honorable mention: ROSEMARY ANN DUFFY)

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

CAROLE ELLEN THOMAS

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.

JEFFREY MARC HOFFMAN, (honorable mention: ALICE REICH)

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.

URSULA RIPEPI SANGIMINO, (honorable mention: SUSAN LUCILLE KENNEDY)

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.

LAWRENCE CRAIG REARDON, (honorable mention: THOMAS PATRICK CURRAN)

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.

PETER DONALD FURNESS III (honorable mention: MAURY ALAN JAYSON)

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 Honor 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.

MARSHALL WILLIAM STAFFORD, (honorable mention: ROSEMARY ANN DUFFY)

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.

GRACE EUNHYE PARK, (honorable mention: STEPHANIE LEE DeMARA)

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.

DANIEL SCOTT PACIFICO, (honorable mention: STEVEN KENNETH HERRINE)

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

NITI GOEL. (honorable mention: GREGORY DAVID SCHAPIRO)

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

ELLEN CATHERINE KEELEY, (honorable mention: STEVEN KENNETH HERRINE)

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.

VIKRAM SHANTARAM KASHYAP and KATHLEEN THERESE WAGNER, (honorable mention: NEVILLE DAVIS)

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. LESLIE SETON CARROLL, (honorable mention: DOUGLAS FRANK KUPAS)

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. JOHN EDWARD ROONEY

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.

MARIA ALAIMO, (honorable mention: NEVILLE DAVIS and PAMELA DOROTHEA PARKER)

The Bernard and Elaine Rossman Memorial Prize presented by Mrs. Rossman in memory of her husband, Dr. Bernard S. Rossman, a graduate of the Class of 1943, to a student who embodies the caring, compassionate qualities which distinguish the finest primary care clinician.

CATHERINE M. GANNON

The Society for Academic Emergency Medicine Award to a senior medical student who has demonstrated excellence in the specialty of emergency medicine.

DOUGLAS FRANK KUPAS, (honorable mention: THOMAS JOSEPH GAVIN)

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

NITI GOEL, (honorable mention: DANIEL BARAM)

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

NITI GOE

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

CATHERINE M. GANNON SHERRI LYNN KRAMER

CAROL JEAN JAMES URSULA RIPEPI SANGIMINO

KATHLEEN THERESE WAGNER

The Lange Medical Publications Prize to an outstanding senior student. A gift of three Lange Publications books.

RODNEY MILAN SEPICH

W. B. Saunders Company Prize to an outstanding student in the senior year. Medical publications. EMILY L. YEE

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

CATHERINE MARIE FLORIO

AWARDED TO A THIRD-YEAR STUDENT

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 WILLIAM CARUSO

LOUIS W. SULLIVAN, M.D. — DOCTOR OF HUMANE LETTERS

Doctor Louis W. Sullivan — physician, researcher, academic leader — brings his range of knowledge and spirit of activism to the position of Secretary of Health and Human Services (HHS), the federal agency overseeing major programs in health, welfare, food and drug safety, medical research, and income security. Long active in medical and academic affairs, he is now charged with improving the welfare of all Americans.

Doctor Sullivan received his bachelor of science degree from Morehouse College and his medical degree from Boston University. He did his internship and medical residency at New York Hospital's Cornell Medical Center and a pathology fellowship at Massachusetts General Hospital. Doctor Sullivan subsequently became a fellow in hematology at the Thorndike Research Laboratories of Harvard Medical School.

His academic career included appointments at Harvard Medical School and the New Jersey College of Medicine. He became co-director of hematology at Boston University Medical Center in 1966, and during the next nine years held faculty appointments at the Boston University School of Medicine. From 1972 through 1975, he also served as co-project director and project director of the Boston Sickle Cell Center and director of hematology at Boston City Hospital.

In 1975, Doctor Sullivan returned to Morehouse College as professor of biology and medicine and was one of a group of alumni who initiated plans for a Morehouse-affiliated medical school. Founded with the intention of directing medical care to the underserved areas of the rural South and inner city, the school was launched in 1978 as a two-year program to prepare students to attend accredited medical schools.

Doctor Sullivan was appointed founding dean and gained recognition for his leadership and fundraising skills on behalf of the new medical college. During his tenure, the school was especially active in the research of diseases afflicting blacks. The Morehouse School of Medicine subsequently became independent and granted its first M.D. degree in 1985.

The recipient of numerous honors, including the Boston University Alumni Award for Distinguished Public Service and the Outstanding Alumnus Award from New York University's Cornell Medical Center, Secretary Sullivan has also served on the editorial boards of the American Journal of Hematology and the Journal of Medical Education. As a consultant and advisor, he was associated with the Public Health Service of HHS and the Veterans Administration and was a member of the National Cancer Advisory Board of the National Cancer Institute, National Institutes of Health. Doctor Sullivan was the founding president of the Association of Minority Health Professional Schools.

Sworn in as Secretary on March 10, 1989, Doctor Sullivan has identified five major health care goals: "confronting the challenging problems of human immunodeficiency virus (HIV) infection in our population, finding ways to end illicit-drug abuse, ensuring access to high-quality health care for the poor and our minority citizens, restraining the escalating costs of health care, and developing financially feasible methods of providing long-term care for our elderly and infirm citizens." He has become an effective critic of the tobacco industry's efforts to encourage smoking among young people, particularly minorities.

A visible and vocal spokesman on behalf of the disadvantaged, Secretary Sullivan acknowledges the key role of HHS in confronting confounding social ills: "Our President has spoken of a kinder, gentler nation. Eighty percent of that effort will come from HHS."

Doctor Sullivan and his wife Ginger have three children.

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 older 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	
lilac	Dentistry	dark blue	
light blue	Education	salmon pink	Public Health
purple		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 Med	lical College of
red and blue	University of Pennsylvania	Pennsylv	
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. as 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. When worn by the President they are suspended from a black and blue ribbon, the University colors, united in the form of a circle with each seal comprising a top, bottom, right and left medallion.

The medallion on the President's right is the corporate seal of Thomas Jefferson University today and was created in 1969 when The 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 The Jefferson Medical College for many years. The oldest, at the bottom, 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 The Jefferson Medical College carried the seal of the parent institution, the Jefferson College in Canonsburg, Pennsylvania. The old corporate seal on the left bears the Latin words "Sigillum Jeffersoniani Medicinae Collegii-Philadelphiae" with no date.

The seal at the top 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 that the words "Thomas Jefferson University" are replaced by "Jefferson Medical College." It was used only for the two years of 1967 to 1969.

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

