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2004 Commencement for Jefferson Medical College and College of Graduate Studies

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180TH COMMENCEMENT



Jefferson Medical College
Jefferson College of Graduate Studies
of
Thomas Jefferson University

Philadelphia, Pennsylvania

1824-2004

Friday, June Fourth
Two Thousand and Four
Half Past Ten O'clock

Kimmel Performing Arts Center
Verizon Hall

THE OATH OF HIPPOCRATES

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

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

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

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

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

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

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

These things I do promise upon my honor.

Processional	TRUMPET VOLUNTARY	JOHN STANLEY
	THE JEFFERSON PROCESSIONAL	BURLE MARX
Opening Proclamation	BRIAN G. HARRISON, <i>Chairman</i>	
	Chairman, Board of Trustees	
	Thomas Jefferson University	
The National Anthem		
Invocation	EDWARD C. BRADLEY, S.J., M.D.	
	Clinical Associate Professor of Medicine	
	Thomas Jefferson University	
Convocation	PAUL C. BRUCKER, M.D., <i>President</i>	
	Thomas Jefferson University	
Conferring of Degrees in Course	PRESIDENT BRUCKER	
Doctor of Philosophy		
Presented by	JAMES H. KEEN, Ph.D., <i>Dean</i>	
	Jefferson College of Graduate Studies and	
	Vice President for International Affairs	
Doctor of Medicine		
Presented by	THOMAS J. NASCA, M.D., F.A.C.P., <i>Senior Vice</i>	
	<i>President and Dean</i>	
	Jefferson Medical College	
The Oath of Hippocrates	CHARLES A. POHL, M.D., <i>Associate Dean for</i>	
	<i>Student Affairs and Career Counseling</i>	
	Jefferson Medical College	
Master of Science		
Presented by	DEAN KEEN	
Conferring of Honorary Degrees	PRESIDENT BRUCKER	
J. WOODROW SAVACOO, M.D., <i>Doctor of Letters</i>		
Presented by	CHAIRMAN HARRISON	
DAVID COLVIN LEACH, M.D., <i>Doctor of Letters</i>		
Presented by	DEAN NASCA	
Benediction	REVEREND BRADLEY	
Recessional	POMP AND CIRCUMSTANCE.....	ELGAR

THE REVEREND R. BRUCE TODD, *Organist*

Grand Marshal

R. ANTHONY CARABASI, III, M.D.

Faculty Marshals

CLARA A. CALLAHAN, MD
GERALD B. GRUNWALD, PhD
SUSAN L. RATTNER, MD

RAELYNN COOTER, PhD
KAREN D. NOVELLI, MD
BRITT E. SANFORD, MD
MARION L. SIEGMAN, PhD

CHRISTOPHER V. CHAMBERS, MD
HOWARD K. RABINOWITZ, MD
RICHARD R. SCHMIDT, PhD

Student Marshals

MARY BOVE

MARY KATE CROUTHAMEL

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

Candidates for the Degree of Doctor of Philosophy

TOURAJ ABDOLLAHI (Genetics) Huntingdon Valley, PA
B.S., The Pennsylvania State University
Thesis Title: "The Effects of TRAIL and Interleukin-8
on Survival in Ovarian Cancer"
Thesis Advisor: Diane E. Merry, Ph.D.

ELIZABETH L. CHO (Developmental Biology and Teratology) Bethesda, MD
B.S., The Johns Hopkins University
Thesis Title: "The Drosophila Trithorax-Related Protein: A Dual-Acting
Histone Methyltransferase and Nuclear Receptor Coactivator"
Thesis Advisor: Alex Mazo, Ph.D.

PETER WILLIAM DAY (Molecular Pharmacology and Structural Biology) Philadelphia, PA
B.A., Villanova University
Thesis Title: "Characterization of the Interaction
Between G alpha q and GRK2"
Thesis Advisor: Philip Wedegaertner, Ph.D.

JESSICA LYNN DeGRAFF (Biochemistry and Molecular Biology) West Deptford, NJ
B.S., Rowan University
Thesis Title: "Role of Arrestin Binding in Alpha 2-Adrenergic Receptor
Internalization and Signaling"
Thesis Advisor: Jeffrey L. Benovic, Ph.D.

*MATTHEW DI PASQUANTONIO DI GUGLIELMO (Molecular Pharmacology and Structural Biology)..... Wilmington, DE
B.S., Brown University
Thesis Title: "Tissue-Specific Transcriptional Regulation of Guanylyl Cyclase C Expression:
Relation to Intestinal Epithelial Cell Dynamics"
Thesis Advisor: Scott A. Waldman, M.D., Ph.D.

ANN MARIE GALIOTO (Microbiology and Molecular Virology) Warminster, PA
B.S., Boston University
Thesis Title: "The Role of Eosinophils and Neutrophils in Innate and Adaptive Immunity
Against Strongyloides Stercoralis Infective Larvae in Mice"
Thesis Advisor: David Abraham, Ph.D.

ADRIENNE JUANITA GOODRICH (Microbiology and Molecular Virology) Philadelphia, PA
B.S., Drexel University
Thesis Title: "The Construction of a Novel Self-Inactivating Gene Activating Vector:
Splicing and Non-Encapsidation of Vector RNA"
Thesis Advisor: Roger J. Pomerantz, M.D. and Matthias J. Schnell, Ph.D.

YIN GUO (Molecular Pharmacology and Structural Biology) China
B.S., Beijing Medical University
Thesis Title: "Studies on the Role of Mitochondria in the
Regulation of Cell Death"
Thesis Advisor: Emad S. Alnemri, Ph.D.

STEPHEN CHARLES JONES (Immunology) West Pittston, PA
B.S., King's College
Thesis Title: "The Immunobiology of Graft-Versus-Host Disease Across
a Minor Histocompatibility Antigen Barrier"
Thesis Advisor: Robert Korngold, Ph.D.

*Also receiving a Doctor of Medicine degree from Jefferson Medical College

NATALIE OLENA KARPINICH (Pathology and Cell Biology) Dallas, PA
B.S., Wilkes University
Thesis Title: "The Functions of the Proteins Bax and Bid in Apoptosis"
Thesis Advisor: John L. Farber, M.D.

LAURA A. KEREPEŠI (Immunology) Berlin Heights, OH
B.S., Notre Dame College
Thesis Title: "Innate and Adaptive Immune-Mediated Resistance to
Larval Strongyloides Stercoralis"
Thesis Advisor: David Abraham, Ph.D.

WAN-JU LI (Cell and Tissue Engineering) Taiwan
B.S., Chung-Yuan University
Thesis Title: "A Biodegradable, Three-Dimensional Nanofibrous Scaffold for
Cartilage Tissue Engineering: Fabrication, Characterization, and Applications"
Thesis Advisor: Rocky S. Tuan, Ph.D.

ERIC MARTIN (Genetics) Greenville, DE
B.S., The College of the Holy Cross
Thesis Title: "Genetic and Molecular Characterization of the BCSC-1
Candidate Tumor Suppressor Gene"
Thesis Advisor: Carlo M. Croce, M.D.

ANTHONY MAZUREK (Molecular Pharmacology and Structural Biology) Philadelphia, PA
B.S., University of Pittsburgh
Thesis Title: "The Biophysical Properties of Mismatch and Lesion Recognition
by hMSH2-hMSH3 and hMSH2-hMSH6"
Thesis Advisor: Richard Fishel, Ph.D.

PHILIP MICHAEL McKENNA (Microbiology and Molecular Virology) Glenside, PA
B.S., University of Pittsburgh
Thesis Title: "Characterization and Immunogenicity of Recombinant Rhabdoviral
Vaccine Vectors Expressing HIV-1 and SIV Envelope Proteins"
Thesis Advisor: Matthias J. Schnell, Ph.D.

NAFEESA HADIYAH HUNT OWENS (Developmental Biology and Teratology) Syracuse, NY
B.S., Xavier University
Thesis Title: "Nuclear and Mitochondrial Regulation of Cellular Differentiation:
Roles of Serum Response Factor and Tumor Suppressor p53"
Thesis Advisor: Thomas Knudsen, Ph.D.

INEZ A. RUIZ-STEWART (Biochemistry and Molecular Biology) Plainfield, NJ
B.S., Drexel University
Thesis Title: "Adenine Nucleotide Regulation of Soluble Guanylyl Cyclase:
Coupling Nitric Oxide Signaling to Cell Metabolism"
Thesis Advisor: Scott A. Waldman, M.D., Ph.D.

TIMOTHY JOHN STALKER (Physiology) Springfield, PA
B.S., Ursinus College
Thesis Title: "A Novel Role for the Calcium-Dependent Protease Calpain in the
Vascular Dysfunction of Hyperglycemia and Diabetes"
Thesis Advisor: Rosario Scalia, M.D., Ph.D.

*Also receiving a Doctor of Medicine degree from Jefferson Medical College

SHAWN MICHAEL SWEENEY (Pathology and Cell Biology) Philadelphia, PA
B.S., Philadelphia College of Pharmacy & Science
Thesis Title: “Mechanisms of Collagen I-endothelial Cell Interactions
During the Tube-Formation Phase of Angiogenesis”
Thesis Advisor: James D. San Antonio, Ph.D.

MONA KUMARI TEWARI (Immunology) Chester, VA
B.S., University of Virginia
Thesis Title: “Processing of Exogenous and Endogenous Influenza Virus
Glycoproteins for MHC Class II Restricted Presentation”
Thesis Advisor: Laurence Eisenlohr, Ph.D.

PARITHOSH K. TUNGATURTHI (Microbiology and Molecular Virology) Terrehaute, IN
B.S., Louisiana State University
Thesis Title: “HIV-1 Vpr: Implications in Aids Pathogenesis”
Thesis Advisor: Alagarsamy Srinivasan, Ph.D.

*MARK L.Y. WANG (Cell and Tissue Engineering) Bryn Mawr, PA
B.S., Cornell University
Thesis Title: “Bioreactivity of Orthopaedic Implant Wear Particles: Studies
on the Pathogenesis of Wear-Mediated Osteolysis”
Thesis Advisor: Rocky S. Tuan, Ph.D.

Candidates for the Degree of Doctor of Medicine

ELIZABETH CHATHAPARAMPIL ABRAHAM Malverne, NY
B.S., The Pennsylvania State University
Pediatrics – University Hospitals of Cleveland, OH

WILLIAM JAMES ADAIR Chambersburg, PA
B.S., Juniata College
Family Practice – Latrobe Area Hospital, PA

SAMUEL BRUCE ADAMS JR. Mechanicsburg, PA
B.S., The Pennsylvania State University
Orthopaedics – Duke University Medical Center, NC

JOSEPH MICHAEL ALOI Turnersville, NJ
B.S., Rutgers University
Surgery-Preliminary – Thomas Jefferson University Hospital,
PA

JONATHAN LOUIS ALTOMAR Yuba City, CA
B.S., University of California at Davis
M.S., Thomas Jefferson University
Surgery – University Hospital – Jackson, MS

ANGELA ANANTHARAJ Kuala Lumpur, Malaysia
International Medical University
Internal Medicine – York Hospital, PA

STEVEN RALPH ANGERBAUER Bountiful, UT
B.A., MBA, JD, University of Utah
Transitional – Frankford Hospitals, PA
Anesthesiology – St. Luke’s-Roosevelt Hospital, NY

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Ophthalmology – New York University, NY

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Physical Medicine & Rehabilitation – Stanford University
Programs, CA

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(Degree Conferred – September 24, 2003)

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Internal Medicine – Walter Reed Army Medical Center, DC

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Anesthesiology – B. I. Deaconess Medical Center, MA

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Anesthesiology – Massachusetts General Hospital, MA

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AKIL JAHI GORDON Mount Laurel, NJ
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Surgery – UMDNJ-Robert Wood Johnson-Camden, NJ

SUSAN MASTER GORDON Wenonah, NJ
Cum Laude
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Transitional – Albert Einstein Medical Center, PA
Ophthalmology – Wills Eye Hospital, PA

JOEL FRANCIS GRADOWSKI Suttons Bay, MI
B.S., Michigan Technological University
M.S., Thomas Jefferson University
Pathology – UPMC Medical Education Program, PA

ANDRA SHAWN GREENBERG Wayne, PA
B.S., Duke University
Internal Medicine – University of Florida Program-Shands
Hospital, FL

JOHN JOSEPH GRIBAR Murrysville, PA
B.A., Colgate University
Internal Medicine – University of Michigan Hospitals-Ann
Arbor, MI

ERIC SAMUEL HAGER Haddonfield, NJ
B.S., Boston College
Surgery – Thomas Jefferson University Hospital, PA

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B.A., Colgate University
Internal Medicine – New York Presbyterian Hospital-
Columbia Presbyterian, NY

MARIANNE HAMEL Bethlehem, PA
B.S., College of William and Mary
M.S., Ph.D., Lehigh University
Pathology – Thomas Jefferson University Hospital, PA

HEIDI LYNN HANDLER Harrisburg, PA
B.A., University of Chicago
J.D., Yeshiva University, Benjamin N. Cardozo School of Law
Family Practice – Underwood Memorial Hospital, NJ

JOSEPH JAMES HERDMAN Davidsville, PA
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Internal Medicine – Temple University Hospital, PA

SETH ADAM HOLLANDER Bay Harbor Islands, FL
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IL
Anesthesiology – McGaw Medical Center-Northwestern
University, IL

JESSICA JEAN HUTCHINSON Wakefield, RI
B.A., University of New Hampshire
Transitional – Mercy Hospital-Pittsburgh, PA
Ophthalmology – University of Pittsburgh Hospital, PA

HUMZA ILYAS Pittsburgh, PA
Cum Laude
AOA
B.S., The Pennsylvania State University
Transitional – Western Pennsylvania Hospital, PA
Dermatology – Einstein/Jacoby Medical Center, NY

YOSHIHIDE ISHII Philadelphia, PA
B.A., Columbia College
Transitional – Naval Medical Center, VA

LEAH B. JACOBSON Armonk, NY
B.A., Colby College
Internal Medicine – Lehigh Valley Hospital, PA

MICHAEL ADAM JACOBSON Clarks Summit, PA
Cum Laude
AOA
B.A., University of Pennsylvania
Internal Medicine – Lehigh Valley Hospital, PA

MICHAEL DAVID JEFFERIES Rochester, MN
B.S., University of Minnesota
Medicine-Preliminary – Gundersen Lutheran Hospital, WI
Anesthesiology – University of Colorado School of Medicine,
CO

KIMBERLEY LOUISE JONES-FINLEY Manahawkin, NJ
B.S., Drexel University
Emergency Medicine – Morristown Memorial Hospital, NJ

BENJAMIN SAMUEL KATZ Wynnewood, PA
B.A., Williams College
Emergency Medicine – Albany Medical Center Hospital, NY

JONATHAN KEI San Mateo, CA
B.S., M.P.H., University of California, Los Angeles
Emergency Medicine – University of California-Davis
Medical Center-Sacramento, CA

ROBERT DOUGLAS OLCOTT KENNEDY Moon, PA
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Internal Medicine – University of Michigan Hospitals, PA

TARA L. KENNEDY Wilmington, DE
B.A., University of Delaware
Surgery – Abington Memorial Hospital, PA

MARION KEREN KESSLER Macungie, PA
B.A., Brandeis University
Pediatrics – St. Christopher's Hospital for Children, PA

SANAZ KHORRAMI Irvine, CA
B.S., University of California, San Diego
Internal Medicine – University of California-Irvine Medical
Center, CA

FRANK H. KIM Potomac, MD
B.S., University of Michigan, Ann Arbor
Residency Deferred

JOANNA R. KIPNES Wynnewood, PA
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AOA
B.A., Cornell University
M.S. Thomas Jefferson University
Internal Medicine – Thomas Jefferson University Hospital, PA

ANGELA MARIE KOPACK Annapolis, MD
Summa Cum Laude
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B.S., Mary Washington College
Internal Medicine – University of Maryland Medical Center,
MD

SANDEEP HEMACHANDRAN KRISHNAN Bloomfield Hills, MI
B.S., The Pennsylvania State University
Transitional – Western Pennsylvania Hospital, PA
Anesthesiology – Rush University Medical Center, IL

BRIAN THOMAS KUCER Gwynedd, PA
AOA
B.S., M.A., Stanford University
Medicine-Preliminary – Pennsylvania Hospital, PA
Physical Medicine & Rehabilitation – Thomas Jefferson
University Hospital, PA

MELISSA NORMA KUO Cypress, CA
B.S., The Pennsylvania State University
Internal Medicine – St. Mary Medical Center-Long Beach, CA

WAYNE BOND LAU Lansdale, PA
B.S., The Pennsylvania State University
Emergency Medicine – Thomas Jefferson University
Hospital, PA

KENNETH GORDON LAVELLE Sewell, NJ
Cum Laude
B.S., Rensselaer Polytechnic Institute
Emergency Medicine – Thomas Jefferson University
Hospital, PA

JESSICA ANNE LAWRENCE Baltimore, MD
B.A., University of Delaware
Anesthesiology – Albany Medical Center Hospital, NY

BIEN DE OCAMPO LAZATIN, JR. Park Ridge, IL
B.A., University of Pennsylvania
Emergency Medicine – Albert Einstein Medical Center, PA

JOVIN OCAMPO LAZATIN Park Ridge, IL
B.A., University of Pennsylvania
Medicine-Preliminary – University of Pennsylvania
Anesthesia – Thomas Jefferson University Hospital, PA

DAVID A. LEVI Dix Hills, NY
B.A., University of Michigan
Transitional – St. Barnabas Medical Center, NJ
Radiology-Diagnostic – North Shore University-Manhasset,
NY

SHEEN YEE LIM Ipoh, Perak, Malaysia
International Medical University
Internal Medicine – Brown University, RI

ROBERT ANDOR LINDEN Cherry Hill, NJ
B.S., Rutgers University
Surgery-Preliminary – Thomas Jefferson University Hospital,
PA
Urology – Thomas Jefferson University Hospital, PA

JEFFREY C. LIU Murrysville, PA
B.S., The Pennsylvania State University
Internal Medicine – University of Maryland Medical Center,
MD

JINN LIU Lancaster, PA
B.S., The Pennsylvania State University
Family Practice – Abington Memorial Hospital, PA

JOSHUA MATTHEW LLOYD Odessa, DE
Summa Cum Laude
 AOA
 B.A., University of Delaware
 Internal Medicine – Thomas Jefferson University Hospital, PA

ANNIE V. LUKA Fort Lauderdale, FL
 B.S., The Pennsylvania State University
 Emergency Medicine – St. Luke's-Roosevelt Hospital, NY

YING WEI LUM Kuala Lumpur, Malaysia
Magna Cum Laude
 AOA
 International Medical University
 Surgery – Johns Hopkins University Hospital, MD

JUSTIN J. MAGER Pittsburgh, PA
 B.S., The Pennsylvania State University
 Internal Medicine – California Pacific Medical Center, CA

JONATHAN ROBERT MAHER Blacksburg, VA
 M.Acct., Virginia Polytechnic Institute and State University
 Surgery – Naval Medical Center, VA

ANN JENNINGS MALEY Orange, CT
 B.A., Bowdoin College
 Pediatrics – Yale-New Haven Hospital, CT

ROBERT WOODS MALIZIA Allendale, NJ
 A.B., Princeton University
 Emergency Medicine – UMDNJ-Robert Wood Johnson-Camden, NJ

RACHEL MANDEL Rockville, MD
 B.S., The Pennsylvania State University
 Psychiatry – Einstein/Montefiore Medical Center, NY

CHRISTINE MARIE MANLEY Philadelphia, PA
 B.S., Georgetown University
 Medicine-Pediatrics – Christiana Care Health System, DE

MICHAEL CHARLES MANOLAS Landisville, PA
 B.A., University of Pennsylvania
 Internal Medicine – Thomas Jefferson University Hospital, PA

SHELBY LEE MARGUT Lebanon, PA
 B.A., Franklin and Marshall College
 Family Practice – Lancaster General Hospital, PA

ROBERT ANDREW MCCAULEY Langhorne, PA
 B.S., B.A., East Stroudsburg University
 Medicine-Pediatrics – Hershey Medical Center/Pennsylvania State University, PA

MARY KATE MCCULLEN Havertown, PA
Magna Cum Laude
 AOA
 B.S., Lafayette College
 Internal Medicine – Thomas Jefferson University Hospital, PA

KEVIN CHRISTIAN MCDAID Jamison, PA
 B.S., Lafayette
 Orthopaedics – Monmouth Medical Center, NJ

BRIAN M. MCGILLEN Newark, DE
 B.A., University of Delaware
 Internal Medicine – Christiana Care Health System, DE

KELLY L. MCGUIGAN Mount Laurel, NJ
Summa Cum Laude
 AOA
 B.S., Villanova University
 Medicine-Preliminary – Pennsylvania Hospital, PA
 Dermatology – Thomas Jefferson University Hospital, PA

KEVIN SCOTT MCGUIRE Wheeling, WV
 B.S., Drexel University
 Psychiatry – Harvard Longwood/Mt. Auburn Hospital, MA

ANITA MEHROTRA Baton Rouge, LA
 B.S., The Pennsylvania State University
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 B.S., The Pennsylvania State University
 Surgery-Preliminary – Temple University Hospital, PA

SEETAL MEWAR Buffalo, NY
 B.S., The Pennsylvania State University
 Internal Medicine – Beth Israel Medical Center, NY

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 Family Practice – Washington Hospital, PA

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 M.S., New York University
 Psychiatry – Hospital of the University of Pennsylvania, PA

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 AOA
 B.A., Lafayette College
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 AOA
 B.A., LaSalle University
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TYLER MAC MUFFLY Littleton, CO
 B.A., University of Denver
 Obstetrics and Gynecology – University of Missouri-Kansas City Programs, MO

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 Family Practice – Thomas Jefferson University Hospital, PA

GENE ROBERT MYERS Bowers Beach, DE
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 Internal Medicine – Christiana Care Health System, DE

ARTHUR JUNG NAM New York, NY
 B.S., M.S., The Johns Hopkins University
 Surgery – George Washington University, DC

DANIEL MARK NASR Hermitage, PA
 B.S., Duquesne University
 Medicine-Preliminary – Lankenau Hospital, PA
 Anesthesiology – Thomas Jefferson University Hospital, PA

PRIYANKA NATH Newark, DE
 B.A., University of Delaware
 Medicine-Preliminary – Albert Einstein Medical Center, PA
 Anesthesiology – SUNY Health Science Center-Brooklyn, NY

MONA PREETI NATWA Rochester Hills, MI
 B.S., The Pennsylvania State University
 Surgery-Preliminary – Boston University Medical Center, MA

ELIZABETH MILLER NAYLOR York, PA
 B.S., Lycoming College
 Medicine-Primary – Virginia Commonwealth University Health System, VA

JASON H. NEUSTADTER Margate, NJ
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 B.A., University of Pennsylvania
 Transitional – Albert Einstein Medical Center, PA
 Radiology-Diagnostic – Thomas Jefferson University Hospital, PA

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 B.S., The Pennsylvania State University
 Internal Medicine – University Hospitals of Cleveland, OH

ELENA NIRENBERG Philadelphia, PA
 B.S., M.S., Thomas Jefferson University
 Family Practice – Thomas Jefferson University Hospital-PA

TARECK OMAR NOSSULI Potomac, MD
 B.A., Franklin and Marshall College
 Internal Medicine – New England Medical Center, MA

CHRISTINE AKEMI OBATA Fresno, CA
 B.A., University of California, Los Angeles
 Transitional – Frankford Hospitals, PA

KARA LYNN ODOM Newark, DE
 B.S., University of Delaware
 Family Practice – University of California-San Francisco, CA

KELLY ANNE O'DRISCOLL Richboro, PA
Magna Cum Laude
 AOA
 B.S., Saint Joseph's University
 Family Practice – Abington Memorial Hospital, PA

MINA KIM OH Philadelphia, PA
 B.S., Cornell University
 Internal Medicine – Cedars-Sinai Medical Center, CA

WILLIAM ALAN OLEKSAK Ford City, PA
 B.S., Saint Vincent College
 Internal Medicine – Mercy Hospital-Pittsburgh, PA

STEPHEN TODD OLEX Allentown, PA
 B.A., Franklin and Marshall College
 Internal Medicine – Temple University Hospital, PA

MICHELE A. OPALKA Waymart, PA
 B.S., University of Scranton
 Family Practice – UPMC-St. Margaret Hospital, PA

TIFFANY ARIANA OTTO Sands Point, NY
 AOA
 B.A., University of Pennsylvania
 Pediatrics – New York Presbyterian Hospital, New York Weill Cornell Medical Center, NY

MICHAEL ANTON PAHL Anaheim, CA
 B.S., Chapman University
 Research – Thomas Jefferson University, PA

JOSHUA MATTHEW PAHYS Lakewood, OH
 B.A., The Johns Hopkins University
 Orthopaedics – Albert Einstein Medical Center, PA

KATHLEEN ANN PANGIA Poughkeepsie, NY
 B.S., Cornell University
 Transitional – Frankford Hospitals, PA
 Neurology – University of Connecticut, CT

MANSI PARIKH Parsippany, NJ
Cum Laude
 B.S., The Pennsylvania State University
 Medicine-Preliminary – Albert Einstein Medical Center, PA
 Ophthalmology – University of Illinois, IL

SUNNY SUNWOO PARK Cupertino, CA
B.S., M.P.H., University of California, Berkeley
Otolaryngology – Pennsylvania State University, PA

EMILY NELL PAVLIK Acton, MA
B.S., College of William and Mary
Emergency Medicine – University of Texas Medical School-
Houston, TX

MARK-RALLY LAO PE Loma Linda, CA
B.S., University of California, Los Angeles
Surgery-Preliminary – Thomas Jefferson University Hospital,
PA
Urology – Thomas Jefferson University Hospital, PA

PETER PHILLIP PELLEGRINO East Lyme, CT
Cum Laude
AOA
B.S., Duke University
Pediatrics – Davis Grant Hospital-Travis AFB, CA

ALISON JEAN PERKINS Rolling Meadows, IL
B.S., University of Richmond
Medicine-Pediatrics – University Hospital-Cincinnati, OH

DAVID LAWRENCE POLAN Doylestown, PA
B.A., Cornell University
Emergency Medicine – University of Massachusetts Medical
School, MA

MIRIAM D. POST Cherry Hill, NJ
B.A., Cornell University
Pathology – Massachusetts General Hospital, MA

HARPER NICHOLE PRICE Dover, DE
Magna Cum Laude
AOA
B.S., University of Miami
Dermatology – Hershey Medical Center/Pennsylvania State
University, PA

SUSANNE JANAE PRINCE Philadelphia, PA
B.A., Juniata College
Emergency Medicine – Drexel University/MCP-Hahnemann,
PA

SEONG H. RA Newark, DE
B.A., University of Delaware
Research – Stanford University Medical Center, CA

AGAM KUMARI RAO Pittsburgh, PA
B.A., Cornell University
Internal Medicine – University Hospitals of Cleveland, OH

SANDEEP RATHI Cherry Hill, NJ
B.S., The Pennsylvania State University
Medicine-Preliminary – Lankenau Hospital, PA
Physical Medicine & Rehabilitation – New York University
School of Medicine, NY

KENNETH EUGENE REMY Stormville, NY
B.A., University of Delaware
Medicine-Pediatrics – University Hospitals of Cleveland, OH

BRANDON MATTHEW REPKO Pittsburgh, PA
B.S., Indiana University of Pennsylvania
Transitional – Mercy Hospital-Pittsburgh, PA
Radiology-Diagnostic – Hershey Medical Center/
Pennsylvania State University, PA

STEPHEN PAUL RIDGE Gratz, PA
B.S., Haverford College
Internal Medicine – Drexel University/MCP Hahnemann, PA

MATTHEW M. ROBBINS Kennett Square, PA
B.A., Emory University
Surgery-Preliminary – Wake Forest Baptist Medical Center,
NC
Anesthesiology – Wake Forest Baptist Medical Center, NC

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B.A., University of Pennsylvania
Surgery-Preliminary – Hospital of the University of
Pennsylvania, PA

CHARLES VINCENT ROCHE III Drexel Hill, PA
B.S., Saint Joseph's University
Internal Medicine – Christiana Care Health System, DE

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B.A., Villanova University
Psychiatry – Yale-New Haven Hospital, CT

RAYMOND RUSSELL ROPIAK Staten Island, NY
B.S., Boston College
Orthopaedics – Thomas Jefferson University Hospital, PA

ELAN HOWARD ROSENTHAL Great Neck, NY
B.S., University of Michigan
Medicine-Preliminary – North Shore University-Manhasset,
NY
Radiology-Diagnostic – Temple University Hospital, PA

JAMES ADAM ROTHSCHILD San Diego, CA
B.A., Harvard University
Surgery – Naval Medical Center, CA

SARA RUBIN Philadelphia, PA
B.A., University of Pennsylvania
Psychiatry – Yale-New Haven Hospital, CT

DEBA SARMA Muscat, Oman
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B.S., The Pennsylvania State University
Surgery-Preliminary – Johns Hopkins University Hospital, MD

VINCENT WILLIAM SAVARESE Ashtabula, OH
AOA
B.A., Boston College
Internal Medicine – Thomas Jefferson University Hospital, PA

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B.A., Washington University
Psychiatry – Thomas Jefferson University Hospital, PA

ROSS ARON SCHUMER Blue Bell, PA
Cum Laude
B.S., United States Air Force Academy
Orthopaedics – Wright State University School of Medicine,
OH

MARGARITA M. SCOTT Doylestown, PA
B.S., Bucknell University
Pediatrics – Children's Hospital of Philadelphia, PA

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Transitional – Albert Einstein Medical Center
Radiology-Diagnostic – Emory University School of
Medicine, GA

SABITHA SHEELA SETTY Phoenix, AZ
B.S., Arizona State University
Internal Medicine – Mt. Sinai Hospital, NY

SHANNON LOUISE SHEVOCK Northern Cambria, PA
B.S., Saint Francis College
Family Practice – University of Maryland Medical Center, MD

SHWU YI SIEW Kuala Lumpur, Malaysia
International Medical University
Internal Medicine – New England Medical Center, MA

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B.S., The Pennsylvania State University
Family Practice – Thomas Jefferson University Hospital, PA

ERICA JOYCE SIMON East Meadow, NY
B.A., University of Pennsylvania
Obstetrics and Gynecology – Thomas Jefferson University
Hospital, PA

MARK JOSEPH SIMONE Vineland, NJ
Cum Laude
B.A., University of Pennsylvania
Medicine-Preliminary – Yale-New Haven Hospital, CT

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B.A., The Johns Hopkins University
Internal Medicine – Drexel University School of Medicine, PA

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Summa Cum Laude
AOA
B.S., The Pennsylvania State University
Dermatology – Drexel University/MCP-Hahnemann, PA

MARYANN SNYDER Philadelphia, PA
B.S., Eastern College
M.S.N., University of Pennsylvania
Pediatrics – Children's Hospital of Philadelphia, PA

GREGORY SPANA Tuckahoe, NY
Magna Cum Laude
B.A., Cornell University
Surgery-Preliminary – SUNY Upstate Medical University, NY
Urology – SUNY Upstate Medical University-NY

JESSICA L. STANLEY Moorestown, NJ
Magna Cum Laude
AOA
B.A., Rutgers College
Transitional – Atlantic Health System, NJ
Anesthesiology – New York Presbyterian Hospitals-Columbia
Presbyterian, NY

CHRISTIAN ROBERT SUBBIO Broomall, PA
B.S., Muhlenberg College
Surgery-Preliminary – Lehigh Valley Hospital, PA
Plastic Surgery – Lehigh Valley Hospital, PA

DAVID EDWARD SUGERMAN Richmond, VA
B.S., Washington and Lee University
Emergency Medicine – Johns Hopkins University Hospital, MD

N. JOSEPH TALOTTA Linwood, NJ
B.S., University of Notre Dame
Emergency Medicine – Morristown Memorial Hospital, NJ

CAROLINE JOY TEMMINS Los Angeles, CA
B.S., Brown University
Pathology – Stanford University Programs, CA

AIDA TESFAYE-KEDJELA Swarthmore, PA
B.A., Swarthmore College
Medicine-Preliminary – Albert Einstein Medical Center, PA
Anesthesiology – Thomas Jefferson University Hospital, PA

DANIEL A. TOLPIN Wilmington, DE
B.A., Northwestern University
Anesthesiology – Baylor College of Medicine-Houston, TX

ARAN MORDECHAI TOSHAV Kew Gardens, NY
B.A., Dartmouth College
Transitional – Albert Einstein Medical Center, PA
Radiology-Diagnostic – Albert Einstein Medical Center, PA

RACHNA D. TRIVEDI Tucson, AZ
B.S., Brown University
Internal Medicine – Barnes-Jewish Hospital, MO

JASON MANH TU Trevese, PA
B.S., Bucknell University
Medicine-Preliminary – Christiana Care Health System, DE
Ophthalmology – Henry Ford Hospital, MI

STEPHANIE TUCKER Columbia, MD
B.A., Boston University
Internal Medicine – Franklin Square Hospital, MD

JOANNE RACHEL TULIN Villanova, PA
B.A., Brandeis University
Internal Medicine – Lankenau Hospital, PA

KENNETH YUKIO USUKI Scarsdale, NY
B.S., Moravian College
Transitional – University of Pennsylvania Health System-
Presbyterian Hospital, PA
Radiology-Oncology – University of Rochester-Strong
Memorial Hospital, NY

GARIG MICHAEL VANDERVELDT Knoxville, TN
B.M.E., Georgia Institute of Technology
Emergency Medicine – Thomas Jefferson University
Hospital, PA

CHRISTOPHER A. VOETS Hamden, CT
B.A., Connecticut College
Medicine-Preliminary – Hospital of St. Raphael, CT
Anesthesiology – University of Connecticut, CT

JOSHUA MICHAEL WALLET Marlton, NJ
B.S., Brandeis University
Surgery-Preliminary – Temple University Hospital, PA

*MARK L.Y. WANG Bryn Mawr, PA
B.S., Cornell University
Orthopaedics – University of California/San Diego Medical
Center, CA

CHRISTOPHER GREG WARD Allison Park, PA
B.A., University of Pennsylvania
Transitional – Western Pennsylvania Hospital, PA
Anesthesiology – Hospital of the University of Pennsylvania,
PA

ROBERT JAMES WASNICK Stony Brook, NY
B.A., The Johns Hopkins University
Internal Medicine – St. Vincent's Hospital, NY

DANIEL I. WASSERMAN Manlius, NY
Cum Laude
B.A., Emory University
Surgery-Preliminary – Stanford University Programs, CA
Dermatology – Boston University Medical Center, MA

DOROTHY JOAN WAVREK Devon, PA
B.A., Michigan State University
M.A., Central Michigan University
Pediatrics – Thomas Jefferson University/duPont Children's
Hospital, DE

JESSICA SU-JUAN WEI Ambler, PA
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B.S., The Pennsylvania State University
Transitional – Christiana Care Health System, DE
Radiology-Diagnostic – Pennsylvania Hospital, PA

JEANNINE ANN WEIMAR-FITZPATRICK Brooklyn, NY
B.S., The Catholic University of America
Family Practice – Bryn Mawr Hospital, PA

TAMARA LYNN WELCH Harrington, DE
Cum Laude
B.A., Hood College
Family Practice – Thomas Jefferson University Hospital, PA

CAROLINE MICHELLE WESTON Newark, DE
B.S., Emory University
Medicine-Preliminary – Christiana Care Health System, DE

RICHARD THOMAS WEYLER Philadelphia, PA
B.A., University of Pennsylvania
Medicine-Preliminary – University of Pittsburgh, PA
Anesthesiology – Thomas Jefferson University Hospital, PA

LINDA C. NI WIDMER Troy, MI
Magna Cum Laude
AOA
B.S., University of Michigan
Pediatrics – Children's Hospital of Philadelphia, PA

TIMOTHY K. WILLIAMS New Castle, DE
B.A., University of Delaware
Surgery – Thomas Jefferson University Hospital, PA

MICHAEL DAVID YAAKOVIAN Wilmington, DE
Cum Laude
B.A., University of Delaware
Surgery-Preliminary – University of Pittsburgh, PA

JUSTIN MICHAEL YOUNG Mentor, OH
B.A., Miami University
DDS, Ohio State University College of Dentistry

Candidates for the Degree of Master of Science in Molecular Pharmacology and Structural Biology

JULIE NUMEH Baltimore, MD
B.Sc., American University of Beirut
Thesis Title: "Effect of X-Linked Inhibitor of Apoptosis Protein on Eye
Development in Drosophila Melanogaster"
Thesis Advisor: Emad S. Alnemri, Ph.D.

Candidates for the Degree of Master of Science in Biomedical Chemistry

BLITZ RICHARD CARTHEY Houston, TX
YI-JIUN CHEN Philadelphia, PA
AUGUSTINE BERNARD IRO Pittsburgh, PA
LOPA KALOLA Qujara, India
BENJAMIN E. KAPLAN Philadelphia, PA
JENNIFER LYNN KERSHNER Emmaus, PA
DAVID L. MASLOW Philadelphia, PA
EUGENE RAMOS Bryn Mawr, PA
CARMEN ALEJANDRA ROCHA Pennsauken, NJ
RUSSELL STAFFORD WHELAN Collegeville, PA

Candidates for the Degree of Master of Science in Microbiology

ANNE L. BOND Lansdale, PA
KATIE MELISSA CAMP Pottstown, PA
BRIAN C. DROZDOWSKI Wayne, NJ
RAISA E. FABRE Lynn, MA
ANTHONY LAWRENCE FERRARO Philadelphia, PA
IOAN E. GULEA Mullica Hill, NJ
NICOLE L. KAUCHER Honey Brook, PA
BENJAMIN JOSEPH McENTEE Lehman, PA
ADRIANNA M. MOSHINSKI Blue Bell, PA
STEVEN KUNIHIRO NAKAO Newtown, PA
MEGAN E. O'DONNELL Medford, NJ
NISHA K. PATEL Baltimore, MD
STEPHANIA IDA PELUSO Lambertville, NJ
CHRISTINE SARACENI Hunterdon, NJ
KIMBERLY JANE SOKORAI Pennsauken, NJ

Candidates for the Degree of Master of Science in Pharmacology

DANIEL THOMAS CIFARELLI Old Bridge, NJ
JAY GOLDBERG Pittsburgh, PA
SARAH LAWRENCE HAFTL Seekonk, MA
IRENE KOTOK Lansdale, PA
JOSEPH ANTHONY TWEED Christiansted, St. Croix
SHANTI WOODROW Philadelphia, PA
JOSEPH E. ZIZZAMIA Cherry Hill, NJ

Awards and Prizes

Awarded at Class Day Exercises on Thursday, June 3, 2004

Faculty Awards

The Christian R. and Mary F. Lindback Award for Distinguished Teaching in a Basic Science.

CAROL BECK, PH.D., Assistant Professor of Biochemistry & Molecular Pharmacology

Dean's Award for Distinguished Teaching in a Basic Science.

PETER RONNER, PH.D., Associate Professor of Biochemistry & Molecular Pharmacology

Blockley-Osler/Dean's Teaching Award for Excellence in Teaching of Clinical Science.

To a faculty member of a Jefferson-affiliated hospital.

ROBERT P. GOOD, M.D., Clinical Assistant Professor of Orthopaedic Surgery

The Leon A. Peris Memorial Award.

To a member of the volunteer faculty for excellence in clinical teaching and superior patient care.

GERARD F. KLINZING, M.D., Director, Bryn Mawr Family Practice Residency Program

The Arnold P. Gold Foundation Humanism in Medicine Award.

To an outstanding faculty member demonstrating exemplary compassion in doctor/patient relations.

WILLIAM MCNETT, M.D., Instructor of Pediatrics and Director of the Pediatric Inpatient Unit

Awards to Graduating Students

The E. Harold Hinman Memorial Prize, for extraordinary interest and accomplishment in family medicine. Sponsored by family and friends in memory of E. Harold Hinman, Ph.D., M.D., M.P.H., Professor Emeritus of Preventive Medicine.

KARA ODOM (honorable mention: KATE MURRAY)

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.

MICHAEL GOLDSTEIN (honorable mention: REBECCA SEIDEL)

The Carroll R. Mullen Memorial Prize in Ophthalmology. To the senior who has displayed outstanding aptitude and excellence in ophthalmology.

SUSAN MASTER GORDON (honorable mention: MANSI PARIKH and JESSICA HUTCHINSON)

The Sarah G. Miller Obstetrics and Gynecology Prize. To a senior who has demonstrated excellence in obstetrics and gynecology during the entire curriculum. Sponsored by Mrs. Sarah George Miller in memory of John B. Montgomery, M.D., Professor Emeritus of Obstetrics.

JULIE ZLOTNICK BELCHER (honorable mention: ERICA SIMON)

The Baldwin L. Keyes Prize in Psychiatry. Given 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.

JOHN MITCHELL (honorable mention: GLENDA WRENN DAVIS)

The Harold L. Stewart, M.D. '26 Prize in Pathology. Awarded to the academically excellent student who has completed a pathology research project.

MARIANNE HAMEL

The Philip J. Hodes Prize in Radiology. To the fourth-year medical student displaying outstanding aptitude and interest in radiology.

JASON NEUSTADTER (honorable mention: REBECCA SEIDEL)

The Leopold Z. Goldstein, M.D., Memorial Prize in Obstetrics and Gynecology. To the student with the highest average in obstetrics and gynecology. Sponsored by Mrs. Leopold Z. Goldstein and her daughters in memory of Leopold Z. Goldstein, M.D.

JASON NEUSTADTER (honorable mention: JOANNA D'ELIA)

The Dean Marie Baner Memorial Prize in Pediatrics, for excellence in pediatrics. Sponsored by family and friends in memory of Dean Marie Baner, M.D., a graduate of the Class of 1973.

TIFFANY OTTO (honorable mention: ANN MALEY)

The William C. Davis, Class of 1977 Prize in Emergency Medicine 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.

CHAD GARSON (honorable mention: ROBERT MALIZIA)

The Joseph F. Rodgers, M.D. Memorial Award. Given to a fourth-year medical student who has exhibited excellence in the discipline of internal medicine, especially diagnostic skills and a devotion to their patients.

MARK SIMONE (honorable mention: KELLY MCGUIGAN)

The Arnold R. Weitz Memorial Prize in Hematology. 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.

ANGELA KOPACK (honorable mention: RACHNA TRIVEDI)

The William F. Kellow Prize. 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.

ELIZABETH CURETON

Robert J. Mandle Memorial Graduation Award. Given to the graduating student who has shown the greatest proficiency in research in the field of microbiology or related medical science as judged by the faculty of the Department of Microbiology.

MICHAEL YAAKOVIAN

The Francis Torrens Stewart, M.D. Clinical Surgery Prize, for general excellence in clinical surgery. In memory of Francis Torrens Stewart, M.D., Professor of Clinical Surgery, 1910-1920.

YING WEI LUM (honorable mention: ELLIOT BRILL)

The Philip P. Riepi Prize in General Surgery is awarded to a senior medical student pursuing a career in general surgery, who is deemed most worthy by the Jefferson Medical College surgical faculty. It is named for Philip P. Riepi, M.D. who was not an alumnus of Jefferson but recognized Jefferson as the best medical school in the country.

TIMOTHY WILLIAMS (honorable mention: NEIL MOUDGILL)

The Edward J. Moore Memorial Prize in Pediatrics. To the student demonstrating the greatest aptitude in pediatrics. In memory of Edward J. Moore, M.D.

PETER PELLEGRINO (honorable mention: CHRISTINE MANLEY)

The S. MacCuen Smith Memorial Prize in Otolaryngology. To the most able senior in the field of otology. Sponsored by Mrs. Stuart Lodge Bullivant in memory of her father.

CHARLES GAWTHROP

The Arthur Krieger Memorial Prize in Family Medicine, for excellence in family medicine. Sponsored by family and friends in memory of Arthur Krieger, M.D.

B. BRENT SIMMONS (honorable mention: KELLY O'DRISCOLL)

The Arthur Krieger Memorial Prize in Neurology, for excellence in neurology. Sponsored by family and friends in memory of Arthur Krieger, M.D.

VALERIE JOHNSON (honorable mention: MARK SIMONE)

The Hubert Spencer Sear, M.D. Memorial Award. Awarded to an outstanding fourth-year student in radiology. Sponsored by family and friends in memory of Hubert Spencer Sear, M.D., Class of 1950.

AMY FROMAL (honorable mention: BRANDON REPKO)

The Alexander and Lottie Katzman Award in Gastroenterology. Awarded to the most proficient student in gastroenterology as judged by the faculty. Sponsored by Joseph Medoff, M.D., and Mrs. Medoff in memory of Mrs. Medoff's parents.

JOSEPH HERDMAN (honorable mention: BRIAN KUCER)

The Philip and Bella Medoff Memorial Prize, for excellence in internal medicine and outstanding contributions to the Hobart Amory Hare Medical Honor Society. Given to a senior who is a member of the Society and is recommended by the Magee Professor of Medicine and the faculty advisor of the Society. Sponsored by Joseph Medoff, M.D., Mrs. Medoff, and children.

DONNA MSCISZ (honorable mention: DARIA BARON-HALL)

The William T. and Madeline Lemmon Memorial Prize in Anesthesiology, for clinical work or writing in the field of anesthesiology. Awarded from an endowment established by family members in memory of William T. Lemmon, Sr., M.D.

CHRISTOPHER WARD and CHIH-PIN HSIUNG

The Annie Simpson General Medicine Prize. Awarded to the medical student who received the best average in general medicine.

RIYA CHACKO (honorable mention: JOSHUA LLOYD)

The Annie Simpson Pulmonary Medicine Prize. Awarded to the medical student who received the best average in pulmonary medicine.

MARY KATE MCCULLEN (honorable mention: GENEVIEVE EVERETT)

The William Potter Memorial Prize in Clinical Medicine. Awarded to the graduating student with the best performance in clinical medicine, from a bequest of Mrs. Adaline Potter Wear.

KELLY MCGUIGAN

The Hyman Menduke Research Prize is awarded to the 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. Sponsored by Michael LeWitt, M.D., Class of 1974.

SAMUEL B. ADAMS

The Drs. Donald R. and Henry Pohl Prize for Professionalism is awarded to the senior medical student who exemplifies the ideals of professionalism.

TIFFANY OTTO (honorable mention: ELIZABETH CURETON)

The Dean's Student Service Award is awarded to the fourth-year student who has given generously of time and talents for the service of classmates and Jefferson Medical College as selected by the Dean.

JONATHAN FENKEL

The Alumni Prize is awarded by the Alumni Association of Jefferson Medical College to the fourth-year student with the highest cumulative record.

KELLY MCGUIGAN

The Alfred I. duPont Hospital for Children Prize. Awarded to the student whose performance best demonstrates the qualities of academic and clinical excellence, human compassion, and a commitment to the welfare of others as was exemplified by the life and trust of Alfred I. duPont.

LINDA WIDMER (honorable mention: SARAH MILLER)

The Leonard Tow Humanism in Medicine Award presented by The Arnold P. Gold Foundation is given to an outstanding student demonstrating exemplary compassion in doctor/patient relations.

MICHAEL MANOLAS

The J. Woodrow Savacool Prize in Medical Ethics is awarded to the senior medical student who embodies the ideal of the physician's caring commitment to moral and ethical values in medicine. Sponsored by a committee of friends and colleagues of J. Woodrow Savacool, M.D., an alumnus and Honorary Clinical Associate Professor of Medicine, Jefferson Medical College.

SETH HOLLANDER (honorable mention: TIFFANY OTTO)

J. Woodrow Savacool, M.D. '38

Doctor of Letters

Dr. J. Woodrow Savacool is an Honorary Clinical Associate Professor of Medicine at Jefferson Medical College. He is an alumnus of JMC's Class of 1938. In 1999, he received the Dean's Medal for long and distinguished service. Dr. Savacool has a great interest in the history of medicine, as well as the history of Jefferson. In his retirement years, he has served as Jefferson's Associate Historian since 1987.

Dr. Savacool worked as co-editor alongside Frederick B. Wagner, Jr., M.D. '48 in developing three books about Jefferson's history: *Tradition and Heritage*, published in 1989; *A Chronological History and Alumni Directory* (1992); and *Legend and Lore* (1995). These volumes are important because they provide an expansive and comprehensive narrative and permanent pictorial record of Jefferson Medical College, one of the nation's first medical schools.

Some years ago, friends and colleagues of Dr. Savacool established a JMC student award in his name that is awarded during the college's Class Day exercise the week of commencement. The J. Woodrow Savacool Prize in Medical Ethics is awarded to a senior medical student who embodies the ideal of Dr. Savacool's "caring commitment to moral and ethical values in medicine."

David Colvin Leach, M.D.

Doctor of Letters

Dr. David Colvin Leach is the executive director of the Accreditation Council for Graduate Medical Education (ACGME). The ACGME is responsible for the accreditation of post-MD medical training programs within the United States. Accreditation is accomplished through a peer review process and is based upon established standards and guidelines.

Dr. Leach was born in Elmira, New York, and received a BA from the University of Toronto in 1965 and an MD from the University of Rochester School of Medicine and Dentistry in 1969. He completed residency training in internal medicine and endocrinology at the Henry Ford Health System in Detroit, and is certified in those disciplines. He also had additional training in pediatric endocrinology.

He was awarded the "Good Samaritan Award" by Governor John Engler for more than 25 years of work at a free clinic in Detroit. He became interested in medical education and was Assistant Dean at the University of Michigan for several years, primarily directing the Henry Ford Health System experiences for Michigan students. Later, Dr. Leach became Director of Medical Education at Henry Ford, and subsequently played a role in the affiliation between that institution and Case Western Reserve University School of Medicine (CWRU). He helped implement an innovative curriculum for CWRU students and for residents at Henry Ford. The Robert Wood Johnson Foundation supported the student program, and the Pew Charitable Trust Partnerships supported the curriculum for residents in their Quality Education Initiative. Dr. Leach is interested in "chaordic" organizations, the teaching of improvement skills, and aligning accreditation with emerging health care practices.

THE UNIVERSITY MACE

The Thomas Jefferson University mace, carried for the first time in the 1986 commencement ceremonies by Grand Marshal Robert Mandle, Ph.D., 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 Health Professions, the College of Graduate Studies, and the Thomas Jefferson University Hospital, a part of the Jefferson Health System.

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 Universities and Colleges*, it is suggested that "gowns may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods seem to have served to cover the tonsured head..."

Throughout the years European universities have continued to show great diversity in their academic dress. American universities on the other hand, when they decided to adopt academic dress in 1895, immediately established a code of regulations which today is followed by almost all American institutions. The establishment of this code has made it possible to distinguish the Associates, Bachelors, Masters and Doctors and at the same time recognize the university which has given them the degree. Revisions to the code have occurred from time to time.

The Associate in Arts and Bachelor's gowns have pointed sleeves and are worn closed. The Master's gown has oblong sleeves, open at the wrist. The rear part of its oblong shape is square cut and the front part has an arc cut away, and is worn open or closed. The Doctor's gown has bell-shaped sleeves. It is worn opened or closed. Cotton poplin or similar material is used for the Associate's, Bachelor's and Master's degrees, and rayon or silk ribbed material is used for the Doctor's degree. The majority of gowns are black but a number of institutions have adopted other colors to identify special programs or groups within the institution.

The hoods vary in length: 48 inches for the Doctor's degree, 42 inches for the Master's and 36 inches for the Bachelor's and Associate's. All hoods are lined in silk in the academic color or colors of the institution conferring the degree. If the institution has more than one color, the colors are shown in divisions using chevrons. The binding or edge of the Doctor's, Master's and Bachelor's hoods are usually made of velvet in the color designating the subject in which the degree was granted. The Associate of Arts hood has no velvet border. The outside is black.

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

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

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

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

black and blue	Thomas Jefferson University	red, white and blue	MCP ♦ Hahnemann
red and blue	University of Pennsylvania		School of Medicine
white and cherry ..	Temple 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. It 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.