

6-7-2002

## 2002 Commencement for Jefferson Medical College and College of Graduate Studies

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178TH  
COMMENCEMENT



*Jefferson Medical College*  
*Jefferson College of Graduate Studies*  
of

*Thomas Jefferson University*

*Philadelphia, Pennsylvania*

*1824-2002*

*Friday, June Seventh*  
*Two Thousand and Two*  
*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 .....	DOUGLAS J. MACMASTER, JR., ESQ., <i>Chairman</i>	Board of Trustees Thomas Jefferson University
THE NATIONAL ANTHEM		
INVOCATION .....	RABBI IRA F. STONE	Temple Beth Zion-Beth Israel
CONVOCATION .....	PAUL C. BRUCKER, M.D., <i>President</i>	Thomas Jefferson University
CONFERRING OF DEGREES IN COURSE .....	PRESIDENT BRUCKER	
Doctor of Philosophy		
Presented by .....	JUSSI J. SAUKKONEN, M.D., <i>Vice President</i>	<i>for Science Policy, Technology Development, and</i> <i>International Affairs and Dean</i> Jefferson College of Graduate Studies
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 .....	JAMES S. STUDDIFORD, M.D., <i>Clinical Assistant</i>	<i>Professor of Family Medicine</i>
Master of Science		
Presented by .....	DEAN SAUKKONEN	
CONFERRING OF HONORARY DEGREES .....	PRESIDENT BRUCKER	
JAMES P. BAGIAN, M.D., <i>Doctor of Science</i>		
Presented by .....	CHAIRMAN MACMASTER	
BENEDICTION .....	RABBI STONE	
RECESSIONAL .....	POMP AND CIRCUMSTANCE.....	ELGAR

THE REVEREND R. BRUCE TODD, *Organist*

*Grand Marshal*  
R. ANTHONY CARABASI, III, M.D.

*Faculty Marshals*

THOMAS M. BUTLER, PhD	CLARA A. CALLAHAN, MD	CHRISTOPHER V. CHAMBERS, MD
RAELYNN COOTER, PhD	GERALD B. GRUNWALD, PhD	KAREN D. NOVIELLI, MD
HOWARD J. RABINOWITZ, MD	RICHARD R. SCHMIDT, PhD	MARION J. SIEGMAN, PhD

*Student Marshals*  
ANITA MEHROTRA      CHRISTINE PAO

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

## CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- PETER ALEXANDER (Developmental Biology and Teratology) ..... Hockessin, DE  
 B.S., Wake Forest University  
 Thesis Title: "The Role of Parazis in Somitogenesis and  
 Carbone Monoxide-Induced Axial Skeletal Teratogenesis"  
 Thesis Advisor: Rocky Tuan, Ph.D.
- EDWARD JEROME BECK (Pathology and Cell Biology) ..... Wilmington, DE  
 B.A., University of Delaware  
 M.A., Temple University  
 Thesis Title: "Modulation of A-Type Potassium Channel Inactivation  
 Gating: Structural Switches and Novel Subunits"  
 Thesis Advisor: Manuel Cavarrubias, Ph.D.
- DOUGLAS BENNETT BROWN (Biochemistry and Molecular Biology) ..... Silver Spring, MD  
 B.A., Washington and Lee University  
 M.S., Jefferson College of Graduate Studies  
 Thesis Title: "The Effects of Ultraviolet Radiation of Elastin  
 Gene Expression"  
 Thesis Advisor: Jouni Uitto, M.D., Ph.D.
- MITCHELL CHEUNG (Genetics) ..... Philadelphia, PA  
 B.S., Drexel University  
 Thesis Title: "The Identification and Characterization of  
 Candidate Genes for Tourette and Bipolar Disorders"  
 Thesis Advisor: Joan Overhauser, Ph.D.
- LESLIE FISCHER (Biochemistry and Molecular Pharmacology) ..... Moscow, PA  
 B.S., Villanova University  
 Thesis Title: "Chondrogenic Induction of Mesenchyme in Bone  
 Morphogenetic Protein-2 Involves Modulation of Wnt Signal"  
 Thesis Advisor: Rocky Tuan, Ph.D.
- HEATHER DAWN FOLEY (Microbiology and Molecular Virology) ..... Veedersburg, IN  
 B.S., University of Indianapolis  
 Thesis Title: "Rhabdovirus-based Vectors as an HIV-1 Vaccine"  
 Thesis Advisor: Matthias Schnell, Ph.D.
- \*LISA ANN KRISAK (Biochemistry and Molecular Pharmacology) ..... Allentown, PA  
 B.S., Moravian College  
 Thesis Title: "Analysis of the Role of Cadherins in  
 Retinoblastoma Tumor Cell Adhesion and Growth"  
 Thesis Advisor: Gerald B. Grunwald, Ph.D.
- MATTHEW JAMES LOZA (Immunology) ..... Cinnaminson, NJ  
 B.A., The Johns Hopkins University  
 Thesis Title: "The Common Functional Maturation Pathway of  
 Natural Killer and T Cells"  
 Thesis Advisor: Bice Perussia, M.D.

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

- JAMES P. McGETTIGAN, JR. (Microbiology and Molecular Virology) ..... Warminster, PA  
 B.S., The Pennsylvania State University  
 Thesis Title: "Cellular Immune Responses Against HIV-1 Proteins  
 Expressed by a Highly Attenuated Rabies-Virus-Based Vaccine Vector"  
 Thesis Advisor: Matthias Schnell, Ph.D.
- MICHAEL F. NASO (Biochemistry and Molecular Biology) ..... Haddonfield, NJ  
 B.S., Dickinson College  
 Thesis Title: "Transcriptional Regulation and Developmental  
 Expression of Mouse Collagen Type VII in Keratinocytes"  
 Thesis Advisor: Jouni Uitto, M.D., Ph.D.
- \*LEON J. NESTI (Pathology and Cell Biology) ..... Shelburne, VT  
 B.S., United States Military Academy at West Point  
 Thesis Title: "Identification and Functional Characterization of a  
 Novel TGF- $\beta$ 1 Activated Calcium Signaling Pathway in Human Osteoblasts"  
 Thesis Co-Advisors: Joannes Hoek, Ph.D. and Rocky Tuan, Ph.D.
- EVANGELIA NOTIDIS (Immunology) ..... Philadelphia, PA  
 B.S., Haverford College  
 Thesis Title: "The P-Azophenylarsonate Response as a Model to  
 Study Peripheral B Cell Tolerance"  
 Thesis Advisor: Timothy Manser, Ph.D.
- MICHAEL F. O'HARA (Developmental Biology and Teratology) ..... Lansdale, PA  
 B.S., University of Delaware  
 Thesis Title: "Dysregulation of Nuclear - Mitochondrial  
 Intergenomic Control During Ocular Teratogenesis"  
 Thesis Advisor: Thomas Knudsen, Ph.D.
- \*ANTHONY EDWARD PATTERSON (Immunology) ..... Drexel Hill, PA  
 B.S., Villanova University  
 Thesis Title: "Graft-versus-Myeloid Leukemia Responses in  
 Murine Bone Marrow Transplantation"  
 Thesis Advisor: Robert Korngold, Ph.D.
- DANIEL J. POWELL, JR. (Immunology) ..... Havertown, PA  
 B.S., Cabrini College  
 Thesis Title: "The RET/PTC3 Fusion Protein: An Immunogenic  
 Oncoprotein in Thyroid Carcinoma"  
 Thesis Advisor: Jay Rothstein, Ph.D.
- MICHAEL D. SCHABER (Molecular Pharmacology and Structural Biology) ..... Harleysville, PA  
 B.S., State University of New York at Albany  
 M.S., Rensselaer Polytechnic Institute  
 Thesis Title: "The Dynamic Expression and Activation of SMK1  
 During Sporulation of Saccharomyces Cerevisiae Requires a  
 Cdc28-Independent Activity of Cak1"  
 Thesis Advisor: Edward Winter, Ph.D.
- JOSEPH ALLEN SCHROEDER (Pathology and Cell Biology) ..... Gettysburg, PA  
 B.A., Franklin and Marshall College  
 Thesis Title: "Gamma Aminobutyric Acid and Enkephalin  
 Neurotransmission in Striopallidal Efferents: Relationship to the  
 Expression of Sensorimotor Deficits in Experimental Parkinsonism"  
 Thesis Advisor: Jay Schneider, Ph.D.

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

CHRISTOPHER M. SHELLEY (Molecular Pharmacology and Structural Biology) ..... Kingston, PA  
 B.S., King's College  
 Thesis Title: "NMR Solution Structures of Zinc Finger Proteins  
 Engineered to Bind to HIV-1 Rev Response Element IIB RNA"  
 Thesis Advisor: Markus Germann, Ph.D.

GORDON DAVID STRACHAN (Biochemistry and Molecular Biology) ..... East Windsor, NJ  
 B.S., Lehigh University  
 Thesis Title: "Interactions Between the E2F-1 and MDMX Proteins"  
 Thesis Advisor: David Hall, Ph.D.

MATTHEW STUBBS (Biochemistry and Molecular Biology) ..... Ocean Township, NJ  
 B.S., University of Notre Dame  
 Thesis Title: "E2F-1 and the Control of S Phase Transit"  
 Thesis Advisor: David Hall, Ph.D.

GREGORY TOMBLINE (Genetics) ..... Floral Park, NY  
 B.S., Siena College  
 Thesis Title: "Biochemical Characterization of Adenosine  
 Nucleotide Processing by the Human Rad51 Protein"  
 Thesis Advisor: Richard Fishel, Ph.D.

## CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

DENNIS MANALLOOR ABRAHAM ..... New Hope, PA  
 B.S., The Pennsylvania State University  
 Internal Medicine – Mount Sinai Hospital, NY

JAMES C. ABRAHAM ..... Malverne, NY  
 B.S., The Pennsylvania State University  
 Internal Medicine – Cabrini Medical Center, NY

PETER JONATHAN ACKERMAN ..... Danville, PA  
 B.A., Duke University  
 Medicine-Pediatrics – University Hospital-Columbia, MO

BRIAN JAMES ADAMS ..... Schuylkill Haven, PA  
 B.A., Franklin & Marshall College  
 Medicine-Preliminary – St. Elizabeth's Medical Center  
 of Boston, MA  
 Emergency Medicine – Boston University Medical Center, MA

KATHLEEN KUYKENDALL AIELLO ..... Haddonfield, NJ  
 B.A., Middlebury College  
 Pediatrics – University of Medicine and Dentistry of New  
 Jersey/Robert Wood Johnson School of Medicine, NJ

ADA TIBAYAN ALCANTARA ..... San Diego, CA  
 B.S., University of California, San Diego  
 Surgery-Preliminary – Harbor-UCLA Medical Center, CA  
 Anesthesiology – University of California-Irvine Medical  
 Center, CA

LILYANA M. AMEZCUA ..... Santa Ana, CA  
 B.S., University of California, Irvine  
 Medicine-Preliminary – MCP-Hahnemann University  
 Hospitals, PA  
 Neurology – Los Angeles County-USC Medical Center, CA

GREGORY SCOTT ANDERSON ..... Concordville, PA  
 B.S., The Pennsylvania State University  
 Transitional – York Hospital, PA

STEPHEN OLIVER BADER ..... Washington, PA  
 B.S., The Pennsylvania State University  
 Medicine-Preliminary – Pennsylvania Hospital, PA  
 Anesthesiology – Thomas Jefferson University Hospital, PA

JOHN MARTIN BALAICUIS ..... Philadelphia, PA  
 B.A., Cedarville University  
 M.S., University of Miami  
 Transitional – York Hospital, PA

LAURA PHILLIPS BAMFORD ..... Wyomissing, PA  
*Summa Cum Laude*  
 AOA  
 B.A., Lafayette College  
 M.S., Shippensburg University  
 Internal Medicine – New York-Presbyterian Hospital,  
 Columbia Presbyterian Medical Center, NY

JENNIFER BROWNING HESS BARLOW ..... Moorestown, NJ  
 B.A., University of Delaware  
 Obstetrics-Gynecology – Christiana Care Health System, DE

JENNIFER AHIMSA BARON ..... Santa Rosa, CA  
 B.A., Pomona College  
 Medicine-Preliminary – St. Vincent Hospital, OR  
 Dermatology – Oregon Health Sciences University, OR

ELIZABETH ANNE BAUER ..... York, PA  
 B.A., Franklin and Marshall College  
 Pediatrics – INOVA Fairfax Hospital, VA

PATRICIA ANN BAXTER ..... Berwyn, PA  
 B.A., College of the Holy Cross  
 Pediatrics – Thomas Jefferson University/DuPont Children's  
 Hospital, PA

MADELEINE SPATOLA BECKER ..... Scotch Plains, NJ  
 B.A., Drew University  
 M.A., New York University  
 M.A., Yeshiva University  
 Psychiatry – Hospital of the University of Pennsylvania, PA

SARAH RACHEL BERG ..... Cherry Hill, NJ  
 B.S., Brandeis University  
 Pediatrics – Thomas Jefferson University/DuPont Children's  
 Hospital, PA

SCOTT C. BERTA ..... Newark, DE  
 B.S., University of Delaware  
 Residency Deferred

DONALD JOHN BITTO ..... Lansdale, PA  
 B.S., Muhlenberg College  
 Residency Deferred

REID FISHER BRACKIN ..... Gwynedd Valley, PA  
 B.A., Brown University  
 Emergency Medicine – MCP-Hahnemann University  
 Hospitals, PA

AOA — Alpha Omega Alpha Honor Medical Society  
 \*Also receiving a Doctor of Philosophy degree from Jefferson College of Graduate Studies

KEVIN WALKER BROWN ..... Emmaus, PA  
*Cum Laude*  
AOA  
B.A., University of Pennsylvania  
Medicine-Preliminary, Thomas Jefferson University  
Hospital, PA  
Radiology-Diagnostic – New York University School of  
Medicine, NY

MARISSA TRICHILO BRUNETTI ..... Dunmore, PA  
*Magna Cum Laude*  
B.A., B.S., University of Scranton  
Pediatrics – Johns Hopkins Hospital, MD

SCOTT ARTHUR BURBANK ..... Charlotte, NC  
*Magna Cum Laude*  
AOA  
B.S., Bucknell University  
Orthopaedic Surgery – Thomas Jefferson University Hospital, PA

KELLY LYNN BURKERT ..... Dover, DE  
*Summa Cum Laude*  
B.S., University of North Carolina at Chapel Hill  
Transitional – Albert Einstein Medical Center, PA  
Dermatology – Mayo Graduate School of Medicine, FL

CATHERINE RACHEL BURT ..... Laguna Hills, CA  
*Cum Laude*  
B.A., Dartmouth College  
Internal Medicine – Harbor-UCLA Medical Center, CA

BRANDON LEE BUSSLER ..... Montoursville, PA  
B.A., Franklin & Marshall College  
M.S., Georgetown University  
Family Practice – Abington Memorial Hospital, PA

ROBIN ELIZABETH CANADA ..... Chapel Hill, NC  
*Cum Laude*  
AOA  
B.A., Swarthmore College  
Medicine-Primary – Hospital of the University of Pennsylvania, PA

CRISTINA CAPANESCU ..... Jonesboro, AR  
B.S., The Pennsylvania State University  
Internal Medicine – University of Medicine and Dentistry of  
New Jersey/Robert Wood Johnson Medical School, NJ

JASON MOTT CARTER ..... Crystal Lake, IL  
B.A., University of Delaware  
Family Practice – MacNeal Hospital, IL

RACHEL NORA CASKEY ..... Minneapolis, MN  
B.S., University of Michigan  
Medicine-Pediatrics – University of Michigan Hospitals, MI

THOMAS CHACKO ..... Bayside, NY  
B.S., The Pennsylvania State University  
Internal Medicine – New York University School of Medicine, NY

SCOTT MATTHEW CHADDERDON ..... Casper, WY  
B.S., Whitworth College  
Internal Medicine – Oregon Health Sciences University, OR

JOSEPH HSUAN-YEE CHANG ..... San Jose, CA  
B.A., University of California, Berkeley  
MBA, University of Chicago  
Emergency Medicine – The Brooklyn Hospital Center, NY

NANCY CHAWLA ..... Cherry Hill, NJ  
B.S., The Pennsylvania State University  
Medicine-Preliminary – Albert Einstein Medical Center, PA  
Emergency Medicine – Boston University Medical Center, MA

KIRAN KESAVA CHEKKA ..... Erie, PA  
B.S., The Pennsylvania State University  
Transitional – Albert Einstein Medical Center, PA  
Anesthesiology – McGaw Medical Center, IL

DAVID CHEN ..... Philadelphia, PA  
B.A., Lehigh University  
Family Practice – Mountainside Hospital, NJ

EMMIE I. CHEN ..... Port Washington, NY  
A.B., Harvard University  
Psychiatry – St. Vincent's Hospital, NY

JODI CHEN ..... Flushing, NY  
B.S., Lehigh University  
Pediatrics – University of Connecticut Health Center, CT

DEEPIKA CHERUVU ..... Tampa, FL  
B.S., The Pennsylvania State University  
Psychiatry – St. Vincent's Hospital, NY

LOIS WONSUN CHOI ..... Cherry Hill, NJ  
B.A., Harvard University  
Psychiatry – Massachusetts General Hospital, MA

ANDREW KAH-WAI CHONG ..... Shah Alam, Selangor, Malaysia  
International Medical College  
Emergency Medicine – Albert Einstein Medical Center, PA

STEPHEN MICHAEL CHRZANOWSKI ..... Wilmington, DE  
A.B., University of Delaware  
Internal Medicine – Christiana Care Health System, DE

MICHAEL EMANUEL CIMINIELLO ..... Saint James, NY  
*Cum Laude*  
AOA  
B.A., Princeton University  
Surgery – New York Presbyterian Hospital, New York Weill  
Cornell Medical Center, NY

ANN LOUISE CLEMENS ..... Mount Gretna, PA  
B.A., College of the Atlantic  
Family Practice – University of New Mexico School of  
Medicine, NM

CLYDE CORWIN CLYBOURN ..... Dover, DE  
B.S., Loyola College  
Internal Medicine – William Beaumont Army Medical Center, TX

ROGER MASSA COMPOVO ..... Wilmington, DE  
B.A., University of North Carolina  
Orthopaedics – Medical University of South Carolina  
Medical Center, SC

DAVID THOMAS COOK ..... Carlisle, PA  
B.S., University of Delaware  
Transitional – Portsmouth Naval Medical Center, VA

TARA L. CORSON ..... Ocean City, NJ  
B.A., The George Washington University  
Family Medicine – Palmetto Health Alliance/University  
of South Carolina School of Medicine, SC  
(Degree Conferred August 31, 2001)

CHARLES WADDELL COWARD III ..... Moorestown, NJ  
B.S., Worcester Polytechnic Institute  
Residency Deferred

KATHLEEN MARIE COYLE ..... Hazleton, PA  
B.S.N., M.S.N., University of Pennsylvania  
Internal Medicine – University of Pittsburgh Medical Center, PA

JULIE-ANN MARIE CREWALK ..... Magnolia, NJ  
B.A., Dickinson College  
Family Practice – Memorial Hospital of Rhode Island, RI

PREETI DALAWARI ..... Baton Rouge, LA  
B.S., The Pennsylvania State University  
Emergency Medicine – Christiana Care Health System, DE

JEFFREY WILLIAM RAYMOND DASSEL ..... Hockessin, DE  
AOA  
B.A., University of Delaware  
Family Practice – Thomas Jefferson University Hospital, PA

BRANDON L. DAVIS ..... Ellwood City, PA  
B.S., Geneva College  
Research – University of Utah/Moray Eye Center –  
Ophthalmology Fellowship – UT

DANIELLE MARIE DEHORATIUS ..... Villanova, PA  
*Magna Cum Laude*  
AOA  
B.S., Lafayette College  
Medicine-Preliminary – Hospital of the University of  
Pennsylvania, PA  
Dermatology – Yale-New Haven Hospital, CT

JANET LYNN DENNY-PETRUCELLI ..... Milford, PA  
B.S., Villanova University  
Medicine-Preliminary – Lankenau Hospital, PA

DAVID MICHAEL DICKMAN ..... Penn Wynne, PA  
B.A., Brown University  
Transitional – Albert Einstein Medical Center, PA  
Ophthalmology – MCP-Hahnemann University Hospitals, PA

PHYLLISANN KATHRYN DIOGUARDI ..... Atlanta, GA  
*Summa Cum Laude*  
AOA  
B.A., University of Rochester  
M.A., Duke University  
Categorical Medicine – Emory University Hospital, GA

SCOTT JEFFREY ENGEL ..... Mount Laurel, NJ  
B.A., Rutgers College  
Plastic Surgery – St. Louis University Hospital, MO

JENNIFER ANN ERDOS ..... Meadville, PA  
B.S., Allegheny College  
Residency Pending

KAREN TANYA FEISULLIN ..... Kew Gardens, NY  
B.A., Queens College, CUNY  
Obstetrics and Gynecology – Montefiore Medical Center, NY

BETH FISHER ..... Bellefonte, PA  
B.A., University of Pittsburgh  
Internal Medicine – Brown University, RI

DAVID ZELIG FRANKEL ..... Margate, NJ  
B.S.E., Princeton University  
Surgery – University of Illinois College of Medicine, IL

JULIE ALEXANDRA FREILINO ..... Leechburg, PA  
B.S., Seton Hill College  
Family Practice – Malcolm Grow Medical Center, Andrews  
Air Force Base, DC

KATE LYN FRONHEISER ..... Douglassville, PA  
B.A., University of Delaware  
Pediatrics – Thomas Jefferson University/duPont Children's  
Hospital, PA

ALEXANDER DAVID FULD ..... Dover, MA  
*Cum Laude*  
AOA  
B.A., Dartmouth College  
Internal Medicine – Hospital of the University of Pennsylvania, PA

FRANCES KATHLEEN FURIA ..... Haverford, PA  
*Magna Cum Laude*  
AOA  
B.S., Yale University  
Internal Medicine – Thomas Jefferson University Hospital, PA

LARA BETH GADKOWSKI ..... Centerville, MA  
*Cum Laude*  
AOA  
B.A., Duke University  
M.S., Boston College  
Internal Medicine – Duke University Medical Center, NC

TERESA MICHELLE GALE ..... Camden, DE  
*Cum Laude*  
AOA  
B.A., University of Delaware  
Orthopaedics – New England Medical Center, MA

DANIEL JOSEPH GALLAGHER III ..... Egg Harbor, NJ  
B.A., Rutgers University  
Surgery – Walter Reed Army Medical Center, DC

SONIYA S. GANDHI ..... Voorhees, NJ  
A.B., Princeton University  
Internal Medicine – Brown University, RI

JAMES LARIMER GARDNER III ..... Ellwood City, PA  
B.S., Geneva College  
B.A., Connecticut College  
Pediatrics – University of Connecticut Hospital, CT

JOANN GATES-PHAU ..... Kingston, NH  
B.A., Connecticut College  
Pediatrics – University of Connecticut

BENJAMIN JACOB GEORGE ..... Newark, DE  
B.A., University of Delaware  
Internal Medicine – Brooke Army Medical Center, TX

ANNE ELIZABETH GETZ ..... Collegeville, PA  
B.S., The George Washington University  
Surgery – Temple University Hospital, PA  
Otolaryngology – Temple University Hospital, PA

DANIELLE LATRIECE GIDDINS ..... Dover, DE  
B.S., Florida A&M University  
Family Practice – Malcolm Grow Medical Center, Andrews  
Air Force Base, DC

MICHAEL JOSEPH GILBERT ..... Maple Glen, PA  
B.A., LaSalle University  
Internal Medicine – Dartmouth-Hitchcock Medical Center, NH

CHARLES JOHN GIRARD II ..... Vineland, NJ  
B.A., University of Pennsylvania  
Medicine-Preliminary – Lankenau Hospital, PA  
Radiology-Diagnostic – SUNY Health Science Center-  
Stonybrook, NY

ARIEL GOLDSCHMIDT ..... Pittsburgh, PA  
B.S., The Pennsylvania State University  
Pathology – Barnes-Jewish Hospital, MO

EDWARD HOWARD GOODWIN, III ..... Glenside, PA  
B.A., Princeton University  
Residency Deferred  
(Degree Conferred November 13, 2001)

RICHARD RANDALL ORIN GOULDING ..... Newtown Square, PA  
B.A., B.S., Colgate University  
Emergency Medicine – Baystate Medical Center, MA

LAUREN E. GUSTAFSON ..... Haverford, PA  
A.B., Princeton University  
Family Practice – Thomas Jefferson University Hospital, PA

EDWARD VIRL HAAS ..... Minot, ND  
B.S., University of Virginia  
Psychiatry/Family Medicine – Medical College of Wisconsin  
Affiliated Hospitals, WI

MARCY ANN HAAS ..... Oley, PA  
B.A., Albright College  
Obstetrics and Gynecology – Dartmouth-Hitchcock Medical  
Center, NH

ALLISON BETTER HABAS ..... Baltimore, MD  
*Summa Cum Laude*  
AOA  
B.A., The Johns Hopkins University  
M.H.S, Johns Hopkins School of Public Health  
Internal Medicine – Johns Hopkins Hospital, MD

MATTHEW ALEXANDER HANDLING ..... Landenberg, PA  
B.A., University of Delaware  
Orthopaedics – University of Medicine and Dentistry of New  
Jersey/Robert Wood Johnson Medical Center  
(Piscataway), NJ

BASIL MARK HARRIS ..... Broomall, PA  
B.S., M.S., Drexel University  
Ph.D., Cornell University  
Emergency Medicine – Thomas Jefferson University Hospital, PA

NICHOLE BIALAS HARRISON ..... Warren, PA  
B.S., Cornell University  
Internal Medicine – University of Rochester/Strong  
Memorial Hospital, NY

ELLEN LEIGH HARTMANN ..... Doylestown, PA  
B.S., Virginia Polytechnic Institute  
Internal Medicine – Brown University, RI

JEAN H. HOFFMAN-CENSITS ..... Bear, DE  
B.S., Trinity College  
Internal Medicine – Thomas Jefferson University Hospital, PA

MICHAEL CHARLES HOPKINS ..... West Chester, PA  
B.S., The Pennsylvania State University  
Emergency Medicine – MCP-Hahnemann University Hospitals, PA

IRENE SHIAO-YUN HSU ..... Fort Washington, PA  
B.A., Harvard University  
Transitional – Frankford Hospitals, PA  
Ophthalmology – New York University, NY

EDWARD LEWIS JACKSON ..... Newark, DE  
B.S., University of Delaware  
M.E.E., University of Delaware  
Residency Deferred

SHARON MICHELLE JAKUS ..... Riverdale, NY  
B.A., Brown University  
M.P.H., Boston University, School of Public Health  
Obstetrics-Gynecology – New York Presbyterian Hospital,  
New York Weill Cornell Medical Center, NY

SRIDHAR JATLA ..... Broadview Heights, OH  
B.S., The Pennsylvania State University  
Pediatrics – Thomas Jefferson University/duPont Hospital  
for Children, PA

CHRISTOPHER SHANNON JORDAN ..... Clarks Summit, PA  
B.S., University of Scranton  
Medicine-Preliminary – Lankenau Hospital, PA  
Ophthalmology – MCP-Hahnemann University Hospitals,  
Philadelphia, PA

BENJAMIN LAPSLEY JUDSON ..... Philadelphia, PA  
*Magna Cum Laude*  
AOA  
B.A., Middlebury College  
Surgery-Preliminary – Georgetown University Hospital, DC  
Otolaryngology – Georgetown University Hospital, DC

ELIZABETH ELSA JUNKER ..... Sparta, NJ  
B.A., Rutgers University  
Emergency Medicine – Morristown Memorial Hospital, NJ

MICHAEL SEAN HILLEGASS KAIN ..... Haddonfield, NJ  
B.A., Gettysburg College  
Surgery-Preliminary – Boston University Medical Center, MA

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Transitional - Harbor - UCLA Medical Center, CA  
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## CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN DEVELOPMENTAL BIOLOGY AND TERATOLOGY

REBECCA CIMILDORO ..... Camillus, NY  
B.S., Rochester Institute of Technology  
Thesis Title: "RA-Induced Limb Reduction Defects  
Likely Mediated by Misregulation of Gene Expression in Distal Elements"  
Thesis Advisor: Devendra M. Kochhar, Ph.D.

## CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN PATHOLOGY AND CELL BIOLOGY

MARK S. HERB ..... Exton, PA  
B.S., The Pennsylvania State University  
Thesis Title: "Identification and Characterization of Pfpel,  
An AP Endonuclease Involved in Base Excision Repair in the  
Human Malarial Parasite, Plasmodium Falciparum"  
Thesis Advisor: Theodore Taraschi, Ph.D.

## CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN BIOMEDICAL CHEMISTRY

ELISABETH L. BAUR ..... Ann Arbor, MI  
JOANNE P. BURKE ..... Philadelphia, PA  
CHRISTOPHER J. BUZAS ..... Sinking Spring, PA  
DON H. CHOI ..... Cherry Hill, NJ  
KATHLEEN MARY DAUMER ..... East Windsor, NJ  
TARA NICOLE DENNIS ..... Boca Raton, FL  
CAROLINE SUZANNE DEVEREUX ..... Pleasant Valley, NY  
JEANNETTE MARIE JOYNER ..... Wilmington, DE  
NOEL NGOUBILLY ..... Gabon  
VRAJESH M. PATEL ..... New York, NY  
PAVLO PRISTATSKY ..... Philadelphia, PA  
MICHAEL J. SONG ..... Cherry Hill, NJ  
XIAO TU ..... Toronto, Ontario, Canada

## CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN DEVELOPMENTAL BIOLOGY AND TERATOLOGY

JEFFREY H. CHARLAP ..... Elkins Park, PA  
LILLIAN CHAU ..... Toronto, Ontario, Canada  
AZURÉE DANIELLE JOHNSON ..... Philadelphia, PA  
TORIAN LASHETTE ..... Charlotte, NC

## CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN LABORATORY SCIENCE

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KELLEY ANN ERSHAW ..... Swarthmore, PA  
STEPHEN JOHN FLOWERS ..... Johnstown, PA  
SHAAN RAJ KUNWAR ..... Philadelphia, PA  
IRIS MONA WOLFF ..... Philippines  
RYAN DANIEL WYCHOWANEC ..... Glendora, NJ  
NICHOLAS YUN ..... Philadelphia, PA

## CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN MICROBIOLOGY

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SHEREAN AZARMI NORTH ..... Kingstown, RI  
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NICOLE LOUISE DRUMMOND ..... Limerick, PA  
RONALD BRIAN JACOBY ..... Bensalem, PA  
CHRISTOPHER JOSEPH JOYNES ..... Cherry Hill, NJ

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LETITIA R. LEE	Camden, NJ
LENORE STEVENS MADDEN	Gulph Mills, PA
JENNIFER LYNN McMACKIN	Souderton, PA
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WAEI AB MUSTAFA	Toronto, Ontario, Canada
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SHARBANI PHUKAN	India
JOANN R. STEINMILLER	Philadelphia, PA
DIANNE WAGNER YORK	Newark, DE
JOSEPH ZESKAND	Hamden, CT

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN NURSING

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KELLY A. BARRANGER	Haddonfield, NJ
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SHARON MARIE BURKE	Voorhees, NJ
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KATHERINE O. KUHNS	Wilmington, DE
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MARY ELIZABETH POLLICE	Philadelphia, PA
RILMA J. SCOTT-LEWIS	Philadelphia, PA
THERESA MARIE SMITH	Philadelphia, PA
MICHELLE VASTA	Medford, NJ
KELLY A. WARD	Philadelphia, PA
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JANEEN CAROL WILLS	Turnersville, NJ
CAREY A. YAKITA	Absecon, NJ

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN OCCUPATIONAL THERAPY

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SANDRA CHALIK	Cherry Hill, NJ
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JACQUELEEN ANN FAULKNER	Holmes, PA
NATALIE BETH FELLER	Wyncote, PA
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HEIDI E. FROTHINGHAM	Cape Elizabeth, ME
KRISTIN VICTORIA GIRARDI	Wilmington, DE
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KAREN DENISE MAY	Magnolia, NJ
CARRIE A. McCLAFFERTY	Princeton Junction, PA
BERNADETTE MARIA MERCURIO	Philadelphia, PA
KAREN COLLEEN MINTS	Newport, NJ
BRIANNA MARIE MURPHY	Frederick, MD
ANGELA MARIE NOWAK	Harwich, MA
EMILY MARIE OWENS	Ardmore, PA
GERALDINE JOY PAGAOA	Roselle, NJ
MARC EDWARD PLUM	Mullica Hill, NJ
JAMIE LYN PONTINO	Norristown, PA
ELANA RONIT PORITSKY	Richboro, PA
SCOTT GEORGE RUSHANAN	Frackville, PA
KARRIE ANNE SHELTON	Palmyra, PA
SUZANNE DEBRA SHRIVER	Oreland, PA
JAIME MERRITT SILBERMAN	East Brunswick, NJ
LAURA LINDSAY STEVENSON	Bellevue, NE
GRACE LYNN WEIKEL	Collegeville, PA

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN PHARMACOLOGY

JOSEPH M. BEGGS	Exton, PA
ANNE MARIE BENCIVENGO	Philadelphia, PA
DEIDRA A. DALMAS	Nanticoke, PA
ERIN ELISABETH DANIEL	Dunellen, NJ
PATRICIA LEE DICKENSON	Vineland, NJ
SVETLANA A. GAIDAROVA	Moscow, Russia
JENNY MARIE GIUFFRE	Deptford, NJ
JESSICA ANNE LIGAS	East Haddam, CT
LARISA LIOUTERMAN	Philadelphia, PA
ANDREA JOANN MAITINO	Nantucket, MA
FAZAL ABBAS MEHDI	India
GENE MOLDAVCHUK	Philadelphia, PA
CAREY J. MUNSICK	Aliquippa, PA
BRENDT A. STIER	Riegelsville, PA
AUBREY WATKINS	Philadelphia, PA

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN PHYSICAL THERAPY

CHARLES E. ARCHBALD, III	Wall, NJ
BRIAN THOMAS BEHLAU	Sewell, NJ
ALICIA NICOLE BELL	Greensburg, PA
REBECCA T. BRAVO-GOLD	Collegeville, PA
SETH B. COHEN	Huntingdon Valley, PA
BENJAMIN THOMAS COLE	Wexford, PA
SARIKA D. DAMANI	Carol Stream, IL
DIANNE R.S. DANIEL	Toledo, OH
JENNIFER TAYLOR DAVIS	Wilmington, DE
MELISSA LAUREN DEANTONIO	Washington Township, NJ
EDWARD BRIAN DESANTIS	Berlin, NJ
STACEY LYNNE DiBIASO	Sewell, NJ
AMY L. EHRHART	Souderton, PA
JACK WOODROW ELLERTSON	Salt Lake City, UT
JESSICA DAWN ENDERTON	Monroe, MI
MARK A. FAULKNER	Deltaville, VA
ERNEST JOHN GAMBLE	Barnegat, NJ
KARL ERIC FORSBERG GILLIAM	Annapolis, MD

JEREME RYAN GROSS .....	York, PA
CATHERINE BROOKE HANNA .....	Staunton, VA
JENNIFER LYNN HOLSINGER .....	Browns Mills, NJ
CHERYL A. JANSACK .....	Philadelphia, PA
SUSAN E. KILLE .....	Voorhees, NJ
ERIN MEGHAN LAVIN .....	Yardley, PA
KARYN KYONG-RAN LEE .....	Camp Hill, PA
KRISTEN ANN LENOX .....	Chalfont, PA
DANÉL LOMBARD .....	Media, PA
RONALD JASON MATTHEWS .....	Suffolk, VA
SHANA ANN MILLER .....	Los Angeles, CA
BRYAN A. MORROW .....	Bear, DE
TODD PETER O'NEILL .....	Midland Park, NJ
RENEE CHRISTINE ONORI .....	Burlington, NJ
BRIAN J. PAGE .....	Bath, NY
JODY LYNN PAPANIA .....	Haddonfield, NJ
MATTHEW E. PODHAISKI .....	Wappingers Falls, NY
MICHELLE M. PRUGH .....	Cleveland, OH
STEPHANIE ALLISON RAINIER .....	Williamstown, NJ
JULIE RENÉE REITHER .....	Morrisville, PA
DEIDRE LYNN RUBIC .....	Quakertown, PA
BRIAN P. SCHUCK .....	Hanover, PA
PURVI SHETH .....	East Windsor, NJ
NATALIE SIBLEY .....	Lafayette Hill, PA
AMY L. SNUKIS .....	New Philadelphia, PA
MATTHEW CARL STEN .....	Washington, PA
CAROLYN GRACE TASSINI .....	Haddonfield, NJ
ARDENE MARCELLA VENCIUS .....	Lansdale, PA
CHARLES FREDERICK WILSON .....	Silver Spring, MD
TYSA E. WINDER .....	Montgomery, PA
COURTENEY PATRICIA WOOD .....	Bethesda, MD

Candidates for the combined B.S./M.S. Program in Physical Therapy have successfully completed all formal course work. They are also required to take two eight-week clinical internships, which will not be completed until late summer. Upon completion of the internship requirements, these students will receive their diplomas for the Bachelor of Science and Master of Science degrees.

It is the policy of the College of Graduate Studies not to award honors to graduates with the doctor of philosophy or master of science degree.

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 6, 2002

### FACULTY AWARDS

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

JAMES S. STUDDIFORD, M.D., Clinical Assistant Professor of Family Medicine

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

GEORGE C. BRAINARD, Ph.D., Professor of Neurology and Professor of Biochemistry and Molecular Pharmacology

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

To a faculty member of a Jefferson-affiliated hospital.

M. SUSAN BURKE, M.D., F.A.C.P., Clinical Assistant Professor of Medicine, Lankenau Hospital

*The Leon A. Peris Memorial Award.*

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

STEPHEN E. REZNAK, M.D., Clinical Assistant Professor of Neurology

*The Healthcare Foundation of New Jersey Humanism in Medicine Award.*

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

JOSEPH A. DeSIMONE, JR., M.D., Clinical Assistant Professor of Medicine

### 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.

LAUREN E. GUSTAFSON (honorable mention: JASON M. CARTER)

*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 J. GILBERT (honorable mention: ALEXANDER D. FULD)

*The Carroll R. Mullen Memorial Prize in Ophthalmology.* To the senior who has achieved the highest grade in ophthalmology.

PHYLLISANN K. DIOGUARDI (honorable mention: RICHARD H. ROE)

*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.

VICTORIA S. MYERS (honorable mention: KAREN T. FEISULLIN)

*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.

LOIS W. CHOI (honorable mention: MADELEINE A. SPATOLA)

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

ALEXANDER P. SAH

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

HANNA M. ZAFAR (honorable mention: KEVIN W. BROWN)

*The Leopold Z. Goldstein, M.D., Memorial Prize in Obstetrics and Gynecology.* To the students with the highest average in obstetrics and gynecology. Sponsored by Mrs. Leopold Z. Goldstein and daughters in memory of Leopold Z. Goldstein, M.D.  
ANITHA NIMMAGADDA and TRACIE M. SAFIER

*The Dean Marie Baines Memorial Prize in Pediatrics* for excellence in pediatrics. Sponsored by family and friends in memory of Dean Marie Baines, M.D., a graduate of the Class of 1973.  
SARBATAMMA SEN (honorable mention: TRACIE M. SAFIER)

*The William C. Davis Prize in Emergency Medicine.* 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.  
NANCY CHAWLA (honorable mention: ALLYSON A. KRESHAK)

*The Joseph F. Rodgers, M.D. Memorial Award.* Awarded to a fourth-year student who has exhibited excellence in the discipline of Internal Medicine, especially diagnostic skills and devotion to his patient.  
SUZANNE S. LONG

*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.  
EREV E. TUBB

*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.  
JEFFREY W. R. DASSEL (honorable mention: JOANNA L. STARRELS)

*The 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.  
ANTHONY E. PATTERSON

*The Clinical Surgery Prize* for general excellence in clinical surgery. In memory of Francis Torrens Stewart, M.D., Professor of Clinical Surgery, 1910-1920.  
KERRI A. SIMO (honorable mention: SCOTT J. ENGEL)

*The Orthopaedic Surgery Prize* for general excellence in clinical surgery. Sponsored by the Department of Orthopaedic Surgery.  
SCOTT A. BURBANK (honorable mention: BRIAN L. RATIGAN)

*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.  
JOANN GATES-PFAU (honorable mention: AMY T. ZALCMANN)

*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.  
ANNE E. GETZ (honorable mention: MICHAEL P. PLATT)

*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.  
CHRISTINA T. SMITH (honorable mention: JEFFREY W. R. DASSEL)

*The Arthur Krieger Memorial Prize in Neurology,* for excellence in neurology. Sponsored by family and friends in memory of Arthur Krieger, M.D.  
LARA B. GADKOWSKI (honorable mention: ELLEN L. HARTMANN)

*The Hubert Spencer Sear Memorial Prize in Radiology.* 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.  
J. CHRISTOPHER MARTUCCI (honorable mention: DONALD C. ZAJICK, JR.)

*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.  
PETER J. ACKERMAN

*The Philip and Bella Medoff Memorial Prize,* for excellence in internal medicine and outstanding contributions to the Hobart Amory Hare Honor Medical Society. Given to a senior who is a member of the Society and who 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.

KELLY M. MALLOY (honorable mention: ALLISON I. BETTER)

*The Philip P. Ripepi Prize in General Surgery* to the most promising surgical student in the graduating class.  
MICHAEL E. CIMINIELLO

*The Lemmon 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.  
ADA T. ALCANTARA (honorable mention: JOSE A. RAMOS)

*The Annie Simpson General Medicine Prize.* Awarded to the medical student who received the best general average in general medicine.  
STEPHEN E. SPURGEON (honorable mention: DANIELLE M. DeHORATIUS)

*The Annie Simpson Pulmonary Medicine Prize.* Awarded to the medical student who received the best general average in pulmonary medicine.  
ALLISON I. BETTER (honorable mention: KELLY V. LIANG)

*The William Potter Memorial Prize in Clinical Medicine.* Given to the highest attaining student in clinical medicine, from a bequest of Mrs. Adaline Potter Wear.  
DANIELLE M. DeHORATIUS

*The Hyman Menduke Research Prize.* 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.  
LEON J. NESTI

*The Dean's Student Service Award,* awarded to the fourth-year student who has given generously of time and talents for the service of classmates and Jefferson Medical College. Selected by the Dean.  
DANIELLE M. DeHORATIUS

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

*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.  
SARBATTAMA SEN

*The Healthcare Foundation of New Jersey Humanism in Medicine Award.* To an outstanding student demonstrating exemplary compassion in doctor/patient relations.  
MICHAEL E. CIMINIELLO

*The J. Woodrow Savacool Prize in Medical Ethics,* 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.  
JOHN M. BALAICUIS (honorable mention: ALEXANDER D. FULD)

*DOCTOR OF SCIENCE: JAMES P. BAGIAN, M.D.*

Dr. James P. Bagian is the Director of the VA National Center for Patient Safety where he oversees a program to prevent medical errors and to enhance the level of care given to patients throughout all 173 VA medical centers.

Previously, Dr. Bagian served with the Environmental Protection Agency (EPA) from 1995-1998 as Deputy Director, Regional and State Programs Division, Office of Mobile Sources. Dr. Bagian also worked from 1994-1995 as an occupational medicine physician with the Beaumont Hospital (Michigan) Employee Health Service.

From 1980-1995 Dr. Bagian was a NASA astronaut. He took part in both the planning and provision of emergency medical and rescue support for the first six Space Shuttle flights. He also served as the Astronaut Office Coordinator for Space Shuttle payload software and crew equipment, and participated in the verification of Space Shuttle flight software. He has been responsible for the development program and implementation of the pressure suit used for crew escape and various other crew survival equipment used on Shuttle missions, and he was in charge of Shuttle search and rescue planning and implementation for NASA. Dr. Bagian has logged over 337 hours in space.

Dr. Bagian is an Adjunct Assistant Professor of Military and Emergency Medicine at the Uniformed Services University of Health Sciences at F. Edward Hebert School of Medicine and also a Clinical Assistant Professor of Preventive Medicine and Community Health at the University of Texas Medical Branch. In addition, he is a Colonel in the U.S. Air Force Reserve where he is a pararescue flight surgeon with the 920th Air Rescue Group.

In 1977, Dr. Bagian graduated from Jefferson Medical College. He received a Bachelor of Science Degree in Mechanical Engineering and a Doctorate in Letters from Drexel University.

Special honors for Dr. Bagian include the U.S. Army ROTC Superior Cadet Award (1970); graduated first in class from Drexel University (1973); Orthopedics Prize from Jefferson University (1977); Honor Graduate (first in class) from USAF Flight Surgeons School (1979); Federation Aeronautique Internationale (FAI) Komarov Diploma (1989); Sikorsky Helicopter Rescue Award (1990); NASA Achievement Award for developing treatment of space motion sickness (1991); NASA Space Flight Award (1989 and 1991); NASA Exceptional Service Medal (1992); Society of NASA Flight Surgeons W. Randolph Lovelace Award for "significant contribution to the practice and advancement of aerospace medicine" (1992); American Astronautical Society's Melbourne W. Boynton Award for "outstanding contributions to the biomedical aspects of space flight" (1992); and election to the National Academy of Engineering "for integration of engineering and medical knowledge in applications to aerospace systems, environmental technology, and patient safety" (2000); American Medical Association's Dr. Nathan S. Davis Award for outstanding public service in the advancement of public health (2001).

#### 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 School of Medicine
red and blue .....	University of Pennsylvania		
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.