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## 2001 Commencement for Jefferson Medical College and College of Graduate Studies

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177TH  
COMMENCEMENT



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

*of*

*Thomas Jefferson University*

*Philadelphia, Pennsylvania*

*1824-2001*

*Friday, June Eighth*  
*Two Thousand and One*  
*Half Past Ten O'clock*

*The Academy of Music*

THE OATH OF HIPPOCRATES

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

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

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

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

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

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

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

These things I do promise upon my honor.

PROCESSIONAL.....TRUMPET VOLUNTARY.....JOHN STANLEY  
THE JEFFERSON PROCESSIONAL .....BURLE MARX

OPENING PROCLAMATION .....DOUGLAS MACMASTER, ESQ, *Chairman*  
Board of Trustees  
Thomas Jefferson University

THE NATIONAL ANTHEM

INVOCATION.....REVEREND J. BARRIE SHEPHERD

CONVOCATION .....PAUL C. BRUCKER, *President*  
Thomas Jefferson University

CONFERRING OF DEGREES IN COURSE .....PRESIDENT BRUCKER

Doctor of Philosophy  
Presented by .....JUSSI J. SAUKKONEN, *Vice President for Science Policy, Technology Development, and International Affairs and Dean College of Graduate Studies*

Doctor of Medicine  
Presented by .....THOMAS J. NASCA, MD, *Senior Vice President and Dean Jefferson Medical College*

The Oath of Hippocrates  
ROBERT L. PERKEL, *Clinical Professor of Family Medicine*

Master of Science  
Presented by .....DEAN SAUKKONEN

CONFERRING OF HONORARY DEGREES .....PRESIDENT BRUCKER

M. JUDAH FOLKMAN, *Doctor of Science*  
Presented by .....CHAIRMAN MACMASTER

J. JORDAN COHEN, *Doctor of Science*  
Presented by .....DEAN NASCA

BENEDICTION.....REVEREND SHEPHERD

RECESSIONAL.....POMP AND CIRCUMSTANCE.....ELGAR

THE REVEREND R. BRUCE TODD, *Organist*

*Grand Marshal*  
R. ANTHONY CARABASI III

*Faculty Marshals*  
THOMAS M. BUTLER CLARA A. CALLAHAN CHRISTOPHER V. CHAMBERS JAMES B. ERDMANN  
GERALD B. GRUNWALD KAREN D. NOVIELLI HOWARD J. RABINOWITZ RICHARD R. SCHMIDT  
MARION J. SIEGMAN

*Student Marshals*  
BRAD C. KLEIN NAFEESA HUNT

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



## CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- Darren Boehning (Pathology and Cell Biology)..... Philadelphia, PA  
 B.S. Syracuse University  
 Thesis Title: "Structure-Function Relationships in Inositol  
 1,4,5-Trisphosphate Receptor Ca<sub>2+</sub> Channels  
 Thesis Advisor: Suresh K. Joseph, Ph.D.
- Stephen H. Cleaver (Molecular Pharmacology & Structural Biology) ..... Tampa, FL  
 B.S., University of South Florida  
 Thesis Title: "Transposons and Retroviruses as a Paradigm for Site-  
 Specific Gene Insertion"  
 Thesis Advisor: Eric Wickstrom, Ph.D.
- Stacey C. Cortese (Pathology and Cell Biology).....Coraopolis, PA  
 B.S. Bucknell University  
 Thesis Title: "The Role of the Epidermal Growth Factor Receptor  
 in the Growth and Differentiation of the Retinal Pigment Epithelium"  
 Thesis Advisor: Gerald B. Grunwald, Ph.D.
- Anthony Michael DeLise (Developmental Biology and Teratology)..... Swensville, PA  
 B.S. Delaware Valley College  
 Thesis Title: " N-Cadherin Mediated Cell-Cell Interactions During  
 Cellular Condensation and Chondrogenesis in Embryonic Chick Limb Development"  
 Thesis Advisor: Rocky S. Tuan, Ph.D.
- Edward R. Frizell (Developmental Biology and Teratology) ..... South Orange, NY  
 M.D., University of Navarre  
 Thesis Title: " Characterization of Genes Mapping to Chromosome 18q22.1  
 that are Potentially Involved in Genitourinary Malformations"  
 Thesis Advisor: Joan Overhauser, Ph.D.
- Eric M. Garver (Pathology and Cell Biology) ..... Coopersburg, PA  
 B.S., Delaware Valley College  
 Thesis Title: "Antisense and Gene Therapy Approaches to Elicit the Low-  
 Activity Aldehyde Dehydrogenase Asian Phenotype Protective Against  
 Alcohol Abuse"  
 Thesis Advisor: Yedy Israel, Ph.D.
- Peiwen Fei (Pathology and Cell Biology).....Collingwood, NJ  
 M.D., Xuzhou Medical College  
 Thesis Title: "Role of Wip1 In Wtp53-Induced G2/M Arrest"  
 Thesis Advisor: Edward W. Mercer, Ph.D.
- De'Broski R. Herbert (Immunology).....Las Vegas, NV  
 B.S., Xavier University  
 Thesis Title: "The Role of Interleukin 5 In Innate Versus Adaptive  
 Immunity Against Strongyloides Stercoralis in the Mouse"  
 Thesis Advisor: David Abraham, Ph.D.
- Yvette N. Hickman (Biochemistry and Molecular Biology) ..... Beverly, NJ  
 B.S., Philadelphia College of Pharmacy and Science  
 Thesis Title: "Molecular Genetic Approaches to Study N-Cadherin  
 Function in the Retina"  
 Thesis Advisor: Gerald B. Grunwald, Ph.D.
- \*Michael Harrison Hsieh (Immunology) ..... Murrysville, PA  
 B.S., Stanford University  
 Thesis Title: "Cytotoxic T Cell Effector Mechanisms of  
 Graft-Versus-Leukemia and Graft-Versus-Host Disease"  
 Thesis Advisor: Robert Korngold, Ph.D.

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

- \*Mary Frances McAleer (Biochemistry and Molecular Biology) ..... East Norriton, PA  
 B.S., Villanova University  
 Thesis Title: " The Role of Metallothionein in Apoptosis of Human  
 Trophoblastic Cells"  
 Thesis Advisor: Rocky S. Tuan, Ph.D.
- Mark A. Powzaniuk (Genetics) ..... Lansdale, PA  
 B.S., Cabrini College  
 Thesis Title: "B-myb Transgenic Mice as a Model to Study B-Myb  
 Function in T Cells"  
 Thesis Advisor: Bruno Calabretta, M.D., Ph.D.
- Janice Lynn Walker (Developmental Biology and Teratology) ..... Philadelphia, PA  
 B.S. Indiana University of Pennsylvania  
 Thesis Title: "Examination of the Regulatory Roles of  $\alpha_6$  Integrin in  
 Lens Cell Differentiation"  
 Thesis Advisor: A. Sue Menko, Ph.D.

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



## CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

SIMON CHARLES ABELSON ..... Lansdowne, PA  
B.A., University of Delaware  
Internal Medicine—Lankenau Hospital, PA

ERUM AFTAB ..... Dubai, United Arab Emirates  
*magna cum laude*  
AOA  
B.S., The Pennsylvania State University  
Medicine-Pediatrics—Cedars-Sinai Medical Center, CA

MARC JAY ALTSHULER ..... Boca Raton, FL  
B.A., University of Pennsylvania  
Family Practice—Thomas Jefferson University Hospital, PA

\*ESMAEL HOSAIN AMJAD ..... Demarest, NJ  
B.S., The Pennsylvania State University  
Surgery Preliminary—Wayne State University/Detroit Medical Center, MI  
Otolaryngology—Wayne State University, MI

DEVRY C. ANDERSON ..... Roslyn, PA  
B.S., West Point Military Academy  
Orthopaedics—Brooke Army Medical Center, TX  
(Degree Conferred June 28, 2000)

WHITNEY ROOSE ANDERSON ..... Bainbridge Island, WA  
AOA  
B.A., Cornell University  
Pediatrics—University of Washington Affiliated Hospitals, WA

JENNIFER GAIL ANDRUS ..... Potomac, MD  
*cum laude*  
AOA  
A.B., Bowdoin College  
Otolaryngology—Boston University, MA

SAMEER A. ANSARI ..... Marlton, NJ  
B.S., Pennsylvania State University  
Medicine Preliminary—Lankenau Hospital, PA  
Radiology-Diagnostic—University of Illinois College of Medicine, IL  
(Degree Conferred June 28, 2000)

JAMES Z. APPEL, III ..... Lancaster, PA  
B.S., Duke University  
Surgery—Duke University Medical Center, NC

ANDREW FOORD ARTHUR ..... Minnetonka, MN  
A.B., Princeton University  
Orthopaedics—University of Minnesota Medical School, MN

WENDY LAUREN BABITT ..... Baltimore, MD  
*cum laude*  
B.S., Albright College  
Internal Medicine—Hershey Medical Center/Pennsylvania State University, PA

THOMAS JOHN BACKENSON ..... Cherry Hill, NJ  
B.S., United States Military Academy  
Internal Medicine—William Beaumont Army Medical Center, TX

JENNIFER REED BAKKER ..... Shiloh, NJ  
B.A., Montclair State College  
Surgery—Graduate Hospital, PA

ROGER ALLEN BAND ..... Sarasota, FL  
B.S., University of Florida  
Emergency Medicine—Hospital of the University of Pennsylvania, PA

ANDREW WILLIAM BECKWITH ..... Camarillo, CA  
*cum laude*  
AOA  
B.A., University of Pennsylvania  
Obstetrics/Gynecology—Brigham & Women's Hospital, MA

BRIAN CHARLES BIGLER ..... Warminster, PA  
*cum laude*  
AOA  
B.S., Tulane University  
Transitional—Albert Einstein Medical Center, PA  
Ophthalmology—Wills Eye Hospital/Thomas Jefferson University.. Hospital, PA

NIKOLAI ALEXANDER BILDZUKEWICZ ..... Kintnersville, PA  
B.S., Ursinus College  
Surgery—San Diego Naval Medical Center, CA

JOHN KURT BIRKNES ..... South Dartmouth, MA  
B.S., Williams College  
Surgery—Thomas Jefferson University Hospital, PA

MATTHEW JOHN BLECHA ..... Riverside, IL  
B.A., Boston College  
Surgery—Catholic Health Partners, IL

HERMAN E. BLOMEIER ..... Greensboro, NC  
B.S.E., Duke University  
Internal Medicine—McGaw Medical Center-Northwestern University, IL

JOHN ANTHONY BOGER ..... Easton, PA  
B.S., Bucknell University  
Internal Medicine—Walter Reed Army Medical Center, DC

THOMAS RICHARD BOWEN ..... Wilmington, DE  
*magna cum laude*  
B.S., University of Delaware  
Orthopaedics—Geisinger Health System, PA

ELISE CATHERINE BROWN ..... Los Altos, CA  
B.S., Harvey Mudd College  
M.P.H., San Diego State University  
Medicine-Pediatrics—Good Samaritan Hospital, AZ

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Obstetrics/Gynecology—Thomas Jefferson University Hospital, PA

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Family Practice—Abington Memorial Hospital, PA

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Transitional—Christiana Care Health System, DE  
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 Residency Deferred

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 Center, MD

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 B.A., College of St. Catherine  
 Psychiatry—Mayo Graduate School of Medicine, MN

DAVID OWEN HEPPS..... Hillsborough, CA  
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 Surgery Preliminary—University of Illinois College of  
 Medicine-Chicago, IL  
 Urology—University of Illinois Affiliated Hospitals, IL

TARA RAQUEL HERZBERG.....Piermont, NY  
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 Internal Medicine—Thomas Jefferson University Hospital, PA

KEVIN PATRICK HILL..... Rochester, NY  
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 Psychiatry—Harvard Longwood Psychiatry, MA

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TRISHA KAREN PERRY JORDAN .....Hockessin, DE  
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DAVID TAI-WAI KAN..... San Diego, CA  
 B.S., The Pennsylvania State University  
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 Ophthalmology—Baylor University College of Medicine, TX

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JAMES DAVID KAY .....Philadelphia, PA  
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 Internal Medicine—Medical College of Virginia, VA

JAMES SCOTT KILLINGER..... Fort Washington, PA  
 A.B., Princeton University  
 Pediatrics—Children's Hospital - Oakland, CA

ELAINE CATHERINE KILMARTIN ..... Aston, PA  
 B.A., University of Delaware  
 Medicine Preliminary—Pennsylvania Hospital, PA  
 Anesthesiology—Thomas Jefferson University Hospital, PA

JENNIFER MARIE KING .....Blue Bell, PA  
 B.A., La Salle University  
 M.A., The Johns Hopkins University  
 Emergency Medicine—University of Virginia, VA

ALLISON DOROTHEA KOLODY ..... Gambrills, MD  
 B.S., University of Maryland  
 Medicine-Pediatrics—Christiana Care, DE

TONYA RAYNE KOLODZIEJSKI ..... Baltimore, MD  
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 Internal Medicine—Stanford University Programs, CA

ROBERT MATTHEW KOTTMANN ..... Brooksville, FL  
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 Internal Medicine—University of Rochester/Strong Memorial  
 Hospital, NY

BRIAN C. KUNG ..... Palos Verdes, CA  
*cum laude*  
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 Surgery Preliminary—Temple University Hospital, PA  
 Otolaryngology—Temple University Hospital, PA

CHRIS NICHOLAS KYRUS ..... Richmond, VA  
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 Emergency Medicine—Albert Einstein Medical Center, PA

AOA - Alpha Omega Alpha Honor Medical Society

\*Also receiving a Doctor of Philosophy degree from the College of Graduate Studies.

† Also receiving a Masters of Business Administration from the Widener University.

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\*Also receiving a Doctor of Philosophy degree from the College of Graduate Studies.

† Also receiving a Masters of Business Administration from the Widener University.



SARA ELIZABETH LALLY ..... West Chester, PA  
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Medicine Preliminary—Geisinger Health System, PA  
Ophthalmology—Geisinger Health System, PA

ANJA OCTAVIA LANDIS ..... Pottstown, PA  
B.A., Swarthmore College  
Family Practice—Fairfax Family Practice Center, VA

ESTHER OLITA LAYTON ..... Porterville, CA  
B.S., University of California, Irvine  
Anesthesiology—University of South Florida College of  
Medicine - Tampa, FL

ALICE EUNHWA LEE ..... Bloomsburg, PA  
B.A., University of Pennsylvania  
Surgery—Thomas Jefferson University Hospital, PA

CHERICE LAVERN LEE ..... Lansdale, PA  
B.A., Princeton University  
Family Practice—Chestnut Hill Hospital, PA

VINCENT JOHN LEE ..... Pittsburgh, PA  
B.S., The Pennsylvania State University  
Transitional—Mercy Hospital - Pittsburgh, PA  
Radiation Oncology—Allegheny General Hospital, PA

JACQUELYN W. LEUNG ..... New Providence, NJ  
A.B., Brown University  
Family Practice—Tufts University, MA

DAYNA LEVIN ..... Cherry Hill, NJ  
*cum laude*  
B.A., University of Delaware  
Transitional—Crozer-Chester Medical Center, PA  
Radiology-Diagnostic—Thomas Jefferson University  
Hospital, PA

LAWRENCE CAMPBELL LEVY ..... Princeton, NJ  
B.A., Yale University  
Medicine-Primary—Dartmouth-Hitchcock Medical Center, NH

LILLIAN VICTORIA LIANG ..... Bradford, PA  
B.S., The Pennsylvania State University  
M.S., Thomas Jefferson University  
Emergency Medicine—Geisinger Health System, PA

DANIELLE M. LINDENMUTH ..... Penn Yan, NY  
B.S., State University of New York  
Environmental Sciences & Forestry  
Surgery—Geisinger Health System, PA

RYAN ERIC LONGMAN ..... Potomac, MD  
B.A., University of Pennsylvania  
Obstetrics/Gynecology—Mt. Sinai Hospital, NY

CHRISTOPHER PAUL LUPOLD ..... Valley View, PA  
B.S., Bucknell University  
Family Practice—Lancaster General Hospital, PA

AOA – Alpha Omega Alpha Honor Medical Society

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M.S., University of Washington  
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Pediatrics—University of Vermont-Fletcher Allen  
Health Care, VT

ANGELA MARIE MCGOVERN ..... Bryn Mawr, PA  
B.A., Boston College  
Pediatrics—Thomas Jefferson University Hospital/duPont  
Children's Hospital, DE

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B.A., New York University  
Internal Medicine—Temple University Hospital, PA

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B.S., Westminster College  
Transitional—Albert Einstein Medical Center, PA  
Ophthalmology—Wills Eye Hospital/Thomas Jefferson  
University Hospital, PA

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University  
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Medicine-Primary—Boston University Medical Center, MA

NELSON YUEN ..... Philadelphia, PA  
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Family Practice—Memorial Hospital, RI

## CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN MICROBIOLOGY AND MOLECULAR VIROLOGY

JEANETTE STAMBAUGH-ROMAN ..... Dover, PA  
B.S., Lehigh University  
Thesis Title: "A Further Examination of the Effects of Prostratin on Both  
Uninfected and HIV-1 Infected Human Peripheral Blood Mononuclear  
Cells"  
Thesis Advisor: Roger J. Pomerantz, M.D.

NANCY YEH ..... Jackson, NY  
B.A., Queens College  
Thesis Title: "Subcellular Fractionation Studies for an Understanding of the  
Generation and Loading of Two I-Ed Restricted Epitopes of the Hemagglutinin  
Molecule of the Influenza Virus"  
Thesis Advisor: Laurence Eisenlohr, VMD, Ph.D.

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

DEIDRA MICHELE BETHEA ..... Norwood, PA  
CYNTHIA ANN BUONO ..... Philadelphia, PA  
FELIX CHAPOVSKY ..... Philadelphia, PA  
MARAL M. DARESHURI DAOU ..... Bryn Mawr, PA  
ROBERT ROLAND DONATELLI ..... Philadelphia, PA  
RAINA MONIQUE FITZGERALD ..... Pine Hill, NJ  
JEFFREY MICHAEL GREESON ..... Drexel Hill, PA  
LIN LU ..... Beijing, PRC  
HOLLY ANN MCADAMS ..... Levittown, PA  
SHELLY MARIE PEARISO ..... Brookport, IL  
HINA QUTUB ..... Audubon, PA  
LORI TKACHUK ROADCAP ..... Lansdale, PA  
ROBYN MALIA MURRAY SETO ..... Plymouth Meeting, PA  
BETH LYNN VONBAUR ..... Philadelphia, PA  
CHRISTOPHER H. YAEN ..... Potomac, MD  
AISHA ZAMAN ..... Mechanicsburg, PA  
YA ZHUO ..... Luan, PRC  
ASSAF ZILBERING ..... Langhorne, PA

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

HANNAH MAINA MUDE-NOCHUMSON ..... Philadelphia, PA

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

Stephen John Flowers ..... Johnstown, PA

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

CHRISTOPHER JAMES ALEXANDER ..... Newark, DE  
ROBIN ANN BERTOLINO ..... Philadelphia, PA  
MICHAEL DAVID BRUNER ..... Hockessin, DE  
DALE ALLEN CALLAWAY, II ..... Milton, DE  
DANIELLE ELIZABETH CASTER ..... Windsor, NY  
SUSANNE CORISDEO ..... Philadelphia, PA  
VALERIE JESTINE GOODWIN ..... Philadelphia, PA  
RUSSELL M. GREEN ..... Elizabethtown, PA  
ASEEM A. GUPTA ..... Erie, PA  
ELLA W. HENDERSON ..... Voorhees, NJ  
TRACEY MARIA HENDERSON ..... Philadelphia, PA  
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ALEXANDROS P. PAPPAS ..... Linwood, NJ



MARY HELEN REPASCH.....	Clifton Heights, PA
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VIKKI CLARE SMITH.....	Warminster, PA
TONY GLENN TAYLOR.....	Orangeville, PA
COURTNEY ALAINE WILSON.....	Thorndale, PA
JASON T. WUSTNER.....	Glenside, PA

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

TARA BALDINO-GLOSTER.....	Mantua, NJ
LOIS M. BOURKE.....	West Chester, PA
PHYLLIS JEAN CARPENTER.....	Philadelphia, PA
MARLENE DALY.....	Philadelphia, PA
DEBRA ANN EDWARDL.....	Pomona, NJ
ERIN M. GREEN.....	Philadelphia, PA
HEATHER KIMBERLY KEESING.....	Cherry Hill, NJ
BARBARA J. KENNEDY.....	Somers Point, NJ
FRANCIS JOSEPH KILLIAN.....	Wilmington, DE
MONJAMA KORNGOR.....	Philadelphia, PA
THERESA ANN KUSSAY-BROWN.....	Jenkintown, PA
AMY NESSA LERNER.....	Huntingdon Valley, PA
KIMBERLY A. MANUELE.....	Cherry Hill, NJ
SHEILA STORR MATHIS.....	Philadelphia, PA
JODI MARIE MONGELUZI.....	Philadelphia, PA
DANIEL NOZNISKY.....	Wilmington, DE
KATHLEEN MARIE SHILLINGFORD.....	Primos, PA
MONIQUE SUZETTE WILSON.....	Willingboro, NJ
SHERRY N. WILSON-BEY.....	Philadelphia, PA

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

JENNIFER CAROL ADAMS.....	Cherry Hill, NJ
MARY BETH BERARDI.....	West Chester, PA
RICHARD R. BROWN.....	Turnersville, PA
ERICA ROSEMARY CALTON.....	Clifton, NJ
KATHERINE BROWN CAMACHO.....	Glen Mills, PA
MARLENE SAMUELS COHEN.....	Lafayette Hill, PA
JULIET-ANNE CRANE COOKE.....	King of Prussia, PA
SANNDRRA LYNN CORP.....	Havertown, PA
JOY ELIZABETH GRAVES.....	Warrington, PA
ERIN ANN HENNIGAN.....	Dunmore, PA
KAREN M. KOHLER.....	Philadelphia, PA
MOLLY ELLEN MCGINTY.....	Camden, DE
CAROL ANN McVEY.....	Somerset, NJ
DAVID L. MINGOLELLI.....	Reading, MA
VERONICA MARIA WALSH MINGOLELLI.....	Haddonfield, NJ
MARIA CATHRYN NASIDKA.....	Aberdeen, MD
DOREEN MARIE NICOSIA.....	Pequannock, NJ
LENORE JANEL NUGENT.....	Philadelphia, PA
YASMEEN A. OPIOYERO.....	Abington, PA
SHEEVA CHRISTINA PARSIA.....	Newtown Square, PA
LISA DEBRA SHERMAN.....	Philadelphia, PA
TARA LYNN STETINA.....	Royersford, PA
WENDY ANNE WARNER.....	Toms River, NJ
JILL J. WATSON.....	Metuchen, NJ
GINA J. YOO.....	Cherry Hill, NJ

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

TROY VAN ABERNATHY.....	Silver Spring, MD
PATRICIA A. CATANZARITI.....	Cinnaminson, NJ
REGINA M. GOTTWALD.....	North Wales, PA
HON-CHUNG K. HO.....	Cherry Hill, NJ
NATHALIE INNOCENT.....	Allentown, PA
MARTINE KOUAHOU.....	Boiling Springs, NC
CHENGQING LI.....	Yardley, PA

SHAWN D. MOYLAN.....	Chalfont, PA
DIPA V. PATEL.....	New York, NY
ORANUCH SENANAN.....	Hackensack, NJ
ALEXANDER TANKELEVITCH.....	Philadelphia, PA
JOHN PATTERSON TINKER.....	Cherry Hill, NJ
TIMOTHY VINCENT WADE.....	Haddon Heights, NJ
MICHELE JOY WEBER.....	Philadelphia, PA

**CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICAL THERAPY**

VALERIE JEAN BAGGS.....	Staten Island, NY
GINA MARIE BENEK.....	Westbrook Park, PA
JOHN L. BIELECKI.....	Glenside, PA
TONIA McCLURE BURKE.....	Virginia Beach, VA
MEGAN BRIGHT BUTLER.....	Emmaus, PA
REBECCA LAUTSBAUGH CABOOT.....	Lancaster, PA
JASON CAVALLARO.....	Philadelphia, PA
LING PATRICIA CHANG.....	Appleton, WI
CHRISTA MARIE CONWAY.....	Gallitzin, PA
BRENDA J. DAVIES.....	West Chester, PA
KRISTA LYNN FEHR.....	Pen Argyl, PA
JILL ELIZABETH FENNELLY.....	Pottstown, PA
DAVINA MARIE FILION.....	Charlestown, NH
MARIA CHRISTINA FITTIPALDI.....	Ardsley, PA
LINDA M. GILLESPIE.....	Springfield, PA
ALBERT E. GRUBB, III.....	Wildwood Crest, NJ
CHRISTINE MARIE HERZOG.....	Upper Darby, PA
ERIN JANELLE HOWLAND.....	Damascus, PA
CHRISTOPHER TODD HUDSON.....	Williamsburg, VA
TODD A. HUTCHINSON.....	Mount Holly, NJ
CHRISTOPHER K. KALWINSKY.....	Toms River, NJ
THOMAS DANIEL KEARSLEY.....	Somers Point, NJ
DEBORAH ANN KERN.....	West Chester, PA
FLORENCE Y. LEE.....	Elkins Park, PA
JENNIFER LEE.....	Pennsauken, NJ
TINA M. LUBARSKY.....	Bloomington, IN
ALICIA MARIE MACURA.....	Oxford, CT
NICOLE RENEE MCHUGH.....	Manchester, PA
ALTAF S. MOHAMED.....	Philadelphia, PA
ELIZABETH CATHERINE NASCATI.....	Turnersville, NJ
ELENA CHRISTINE NEWLAND.....	Medford, NJ
JOHN NOONE.....	Ardmore, PA
MARIA ROSE NUSH.....	Schnecksville, PA
SARAH ROSE PASHLEY.....	Chalfont, PA
JENNIFER E. POCHILY.....	Newark Valley, NY
KAMI MARIE REINHARD.....	York, PA
KRISTEN BRICKER ROMMEL.....	Rockville, MD
KATHRYN ELAINE SILVA.....	Plattsburgh, NY
JEREMY CHARLES SIPPEL.....	Pottsville, PA
JILL S. STAGG.....	West Bend, WI
DONNA ANITA SVALUTO.....	Vineland, NJ
AMY MICHELLE SWING.....	Philadelphia, PA
GARY ROBERT SYLVESTER.....	Barnard Plantation, ME
MICHAEL C. VILE.....	Warminster, PA
DANIEL PATRICK WALSH.....	Randolph, NJ
DORIAN MATTHEW WOOD.....	Orem, UT
MICHELLE LORRAINE ZANDE.....	Salem, CT

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 7, 2001

### FACULTY AWARDS

*The Christian R. and Mary F. Lindback Award for Distinguished Teaching in a Clinical Science.*  
JOHN W. CARUSO, M.D., Clinical Assistant Professor of Medicine

*Dean's Award for Distinguished Teaching in a Basic Science.*  
J. RAYMOND SHEA, JR., Ph.D., Associate Professor of Pathology, Anatomy and Cell Biology

*Blockley-Osler/Dean's Teaching Award for Excellence in Teaching of Clinical Medicine.*  
To a faculty member of a Jefferson-Affiliated Hospital.  
JOHN H. GOULD M.D., Clinical Assistant Professor of Pediatrics, A.I. duPont Hospital for Children

*The Leon A. Peris Memorial Award.*  
To a member of the volunteer faculty for excellence in clinical teaching and superior patient care.  
EDWARD A. JAEGER, M.D., Professor of Ophthalmology

*The Healthcare Foundation of New Jersey Humanism in Medicine Award.*  
To an outstanding faculty member demonstrating exemplary compassion in doctor/patient relations.  
GREGORY C. KANE, M.D., Clinical Associate 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.  
MARC J. ALTSHULER (honorable mention: MONICA K. CRANE)

*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.  
PETER J. HULICK (honorable mention: STEPHANIE HURLEY WARD)

*The Caroll R. Mullen Memorial Prize in Ophthalmology.* To the senior who has achieved the highest grade in ophthalmology.  
JOSHUA D. STEIN (honorable mention: EMMA L. CLAY)

*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.  
ANNE L. BUSSARD (honorable mention: ANDREW W. BECKWITH)

*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.  
KEVIN P. HILL (honorable mention: KATIA S. RONAY)

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

*The Philip J. Hodes Prize in Radiology.* To the fourth-year medical student displaying outstanding aptitude and interest in radiology.  
DAYNA LEVIN (honorable mention: ERIC A. WHITE)

*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 daughters in memory of Leopold Z. Goldstein, M.D.  
DAYNA LEVIN (honorable mention: MARY FRANCES McALEER)

*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.  
JAMES S. KILLINGER

*The Paul D. Zimskind Memorial Prize in Urology,* for academic excellence in urology. Sponsored by the National Urologic Forum, in memory of Paul D. Zimskind, M.D., Ph.D., the Nathan Lewis Hatfield Professor of Urology.  
STEVEN M. SALVA (honorable mention: DAVID O. HEPPS)

*The William C. Davis Prize.* 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.  
ROGER A. BAND (honorable mention: SANDRA A. GROCHOWSKI)

*The Joseph F. Rodgers, M.D. Memorial Award.*  
NICHOLAS J. RUGGERIO, II

*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.  
PALLAV MEHTA

*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.  
BROOKE E. FRANTZ (honorable mention: BRET A. ROGERS)

*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 H. HSIEH

*The Clinical Surgery Prize,* for general excellence in clinical surgery. In memory of Francis Torrens Stewart, M.D., Professor of Clinical Surgery, 1910-1920.  
MARK A. CLAYMAN (honorable mention: IRFAN I. GALARIA)

*The Orthopaedic Surgery Prize,* for general excellence in clinical surgery. Sponsored by the Department of Orthopaedic Surgery.  
DANIEL P. TOMLINSON (honorable mention: JENNIFER L. CIRELLO)

*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.  
DAVID J. McCULLEY

*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.  
LISA D. GRUNEBAUM

*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.  
DAVID L. SALKO (honorable mention: BROOKE E. FRANTZ)

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

*The Hubert Spencer Sear 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.  
SU-ANN NG (honorable mention: JOSEPH D. MARKO)

*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.  
JENNIFER S. CHENNAT (honorable mention: JOSEPH H. CHANG)

*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.  
CHRISTINE M. DeBENEDICTIS (honorable mention: JENNIFER L. CIRELLO)



*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.

HOJIN WANG (honorable mention: ELAINE C. KILMARTIN)

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

JOSHUA NAMIAS

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

ERUM AFTAB

*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.

NOREEN A. GALARIA

*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.

MICHAEL HSIEH

*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.

JAMES R. DeBLOOM, II

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

ANSON T. MIEDEL

*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.

JAMES S. KILLINGER

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

LAWRENCE C. LEVY

*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.

MARC J. ALTSHULER (honorable mention: EMMA L. CLAY)

## **DOCTOR OF SCIENCE: M. JUDAH FOLKMAN, M.D.**

M. Judah Folkman, M.D., is recognized around the world as a researcher, clinician and scientist. He is the Julia Dyckman Andrus Professor of Pediatric Surgery and Professor of Cell Biology at Harvard Medical School. He is a Senior Associate in Surgery and Director of the Surgical Research Laboratory at Boston's Children's Hospital.

Dr. Folkman graduated *magna cum laude* with a medical degree from the Harvard Medical School, and completed his residency training in surgery at the Massachusetts General Hospital in Boston where he was the Chief Surgical Resident. He also served as Chief Resident in Pediatric Surgery at Children's Hospital of Philadelphia.

As a student at Harvard, Dr. Folkman developed the first atrio-ventricular implantable pacemaker. He received the Boyston Medical Prize, the Soma Weiss Award and the Borden Undergraduate Award in Medicine for his work.

Dr. Folkman began his academic career at Harvard Medical School in 1965 as an Instructor in Surgery. He then served as an Associate in Surgery for one year before being promoted to Professor of Surgery in 1967.

Currently Director of the Surgical Research Laboratory at Children's Hospital, Boston, Dr. Folkman was Surgeon-in-Chief and Chairman of the Department of Surgery at the hospital for 14 years until 1981 when he stepped down to devote his full time to research.

The author of more than 300 peer-reviewed papers, Dr. Folkman is the recipient of many honors and prizes, including the Gairdner Foundation International Award from Canada, the Wolf Prize in Medicine from Israel, the Charles S. Mott Prize from the General Motors Cancer Research Foundation, election to the American Philosophical Society, the Samuel B. Gross Prize from the Philadelphia Academy of Surgery, the Dale Medal from the Society of Endocrinology in the United Kingdom, and the Benjamin Franklin Award in Life Science from the Franklin Institute in Philadelphia.

In 1990 Dr. Folkman was elected to the National Academy of Sciences as well as to the Institute of Medicine in recognition of his pioneering research in angiogenesis. His discoveries on the mechanism of angiogenesis opened a field of investigation now pursued worldwide. His laboratory reported the first purified angiogenesis molecule, the first angiogenesis inhibitor, proposed the concept of angiogenic disease, and began clinical trials based on this research.

In addition, Dr. Folkman's work with the use of silicone rubber implantable polymers for the sustained release of drugs was the forerunner of modern sustained-release pharmaceutical therapy.

Dr. Folkman is a native of Cleveland, Ohio.



## **DOCTOR OF SCIENCE: JORDAN J. COHEN, M.D.**

As President and Chief Executive Office of the Association of American Medical Colleges (AAMC), Jordan J. Cohen, M.D., leads the Association's support and service to the nation's medical schools and teaching hospitals. The Washington-based association was founded in 1876, and represents all 125 U.S. medical schools, nearly 400 major teaching hospitals, 89 academic and research societies, and more than 160,000 U.S. medical students and residents.

His almost 40-year career in academic medicine has included positions at some of the most prestigious institutions in the country. Most recently, he served as Dean of the Medical School and Professor of Medicine at the State University of New York at Stony Brook, and President of the Medical Staff at University Hospital. In his six-year administration at Stony Brook, Dr. Cohen fostered the Medical Center's development as a regional health care provider and launched an innovative model curriculum that emphasized the changing role of medicine in modern society.

Prior to serving as Dean at SUNY-Stony Brook, Dr. Cohen served as Professor and Associate Chairman of Medicine at the University of Chicago-Pritzker School of Medicine, and Physician-in-Chief and Chairman of the Department of Medicine at the Michael Reese Hospital and Medical Center. He has held medical faculty positions at Harvard, Brown, and Tufts universities. Dr. Cohen is also a former President of the Medical Staff at the New England Medical Center Hospital in Boston.

He has held a wide variety of leadership positions in almost all aspects of academic medicine, including Chair of the American Board of Internal Medicine and the Accreditation Council for Graduate Medical Education, as well as President of the Association of Program Directors of Internal Medicine. A member of the American College of Physicians since 1978, he has served as Vice Chair of the Board of Regents and Chair of its Education Policy Committee; he was awarded a mastership from the college in 1993.

Concurrent with his leadership of the AAMC, Dr. Cohen also serves on the Board of Directors of the Foundation for Biomedical Research, the China Medical Board, and Research!America, and is a Trustee of the Educational Commission for Foreign Medical Graduates. He is a member of the Special Medical Advisory Group of the Department of Veterans Affairs. In 1994, Dr. Cohen was named a member of the National Academy of Sciences' Institute of Medicine. He is a member of the board of directors of the China Medical Board of New York.

He is a graduate of Yale University and Harvard Medical School and completed his postgraduate training in internal medicine on the Harvard service at the Boston City Hospital. He completed a fellowship in nephrology at the Tufts-New England Medical Center. His chief areas of research interest are acid-base metabolism and renal physiology. He is the author of more than 100 publications and is editor of *Kidney International's Nephrology Forum*.

## **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.