# 197<sup>TH</sup> COMMENCEMENT

THOMAS JEFFERSON UNIVERSITY PHILADELPHIA, PENNSYLVANIA

1824 - 2021

Tuesday, May 25, 2021 10:00 a.m.

Mann Center for the Performing Arts

#### **GRADUATE CEREMONY**

Jefferson College of Life Sciences Sidney Kimmel Medical College



# **University Mission**

We are a university with preeminence in transdisciplinary, experiential professional education, research and discovery, delivering exceptional value for 21st century students with excellence in architecture, business, design, fashion, engineering, health science, and textiles infused with the liberal arts.

# And then we learned anything can happen

Wherever you think your life and career are going, it will not be a straight line. If the COVID pandemic has proven anything, it is that anything can happen! That's why I believe creativity, collaboration and optimism are the keys to the future of your profession and your career.

But that's the future. The fact is that today, this is all about you ... and congratulations, you did it!

Your commencement is a profound accomplishment that happens to be at an extraordinary time. You are, I believe, stepping into a world that needs leadership, that needs professionalism, that needs empathy, and most of all, that needs you.

The Class of 2021 graduates are at a critical moment in history. I love the advice Steven Spielberg offers anyone graduating during this pandemic:

"One of the things this moment is teaching us is that truly anything is possible. It will be imagination and innovation that gets us to the other side. This is a time of huge loss, but it's also a chance to dream big about our futures together."

He's right. I hope you graduate believing in yourself, and believing in the power of imagination and innovation to get us to the other side.

The faculty worked hard to build Jefferson's effective hyflex education model and you responded beautifully. In fact, this approach enabled you to learn in a mode that will be increasingly how you'll work.

My great hope is that we will all continue to learn from this pandemic. We will learn that our greatest power is human connection, whether in person or virtual. That while science will overcome this virus, it is the human spirit that will sustain us, and drive us to create a better world. In our yearning for time with friends and collaborators, I believe we've come to know even more deeply the power of creativity, communication and empathy.

Thank you for your amazing work finishing this academic year and congratulations on your accomplishments.

Stephen K. Klasko, MD, MBA

/ Gefor K. Mah

President, Thomas Jefferson University

CEO, Jefferson Health

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**Processional** 

Trumpet Voluntary John Stanley
The Jefferson Processional Burle Marx

Performed by The Fairmount Brass Quartet

**Opening Proclamation** H. Richard Haverstick, Jr.

Chair, Thomas Jefferson University and Jefferson Health Board of Trustees

**The National Anthem**Performed by: Members of the Thomas Jefferson

University's The Arrhythmias, The Lymph Nodes

and the Testosterones
Robert Abishek, SKMC
Lauren Banner, SKMC
Kaitlin Demarest, SKMC
Gina Goldberg, SKMC
Patrick Hearle, SKMC
Richard Kirby, SKMC
Casey Konys, SKMC
Gabrielle Scher, JCLS
Rachel Zachian, SKMC

**Convocation and Remarks** Stephen K. Klasko, MD, MBA

President & CEO

Thomas Jefferson University

and Jefferson Health

**Conferring of Honorary Degrees** Stephen K. Klasko, MD, MBA

Honorary Degree Recipients Andrew J. Norton, MD, (posthumous) Doctor of

Science

BG Tarif Bader, MD, MHA, MA, Doctor of Science

Conferring of Degrees in Course Stephen K. Klasko, MD, MBA

Jefferson College of Life Sciences

Doctor of Philosophy Master of Science

Presented by .......Gerald B. Grunwald, PhD

Dean, Jefferson College of Life Sciences

Sidney Kimmel Medical College

Doctor of Medicine

Provost and Executive Vice President

Thomas Jefferson University

Dean, Sidney Kimmel Medical College

Oath of Hippocrates Clara Callahan, MD

The Lillian H. Brent Dean of Students and

**Admissions** 

**Recessional** Pomp and Circumstance, Elgar

Performed by the Fairmount Brass Quartet

# Honorary Degree Recipient (posthumously)

#### Andrew J. Norton, MD



Andrew J. Norton, MD, was senior vice president and chief medical officer for Main Line Health, a role he maintained until last July, when he stopped working due to health issues. Dr. Norton died last September of complications from a rare autoimmune disease.

Dr. Norton was a true partner to Thomas Jefferson University and our students, through his commitment to quality education and ongoing advocacy of quality student experience. Dr. Norton's generosity to the students embodied the spirit of the JMC alumnus.

Dr. Norton, or "Andy," as he insisted his colleagues and patients call him, was the son of a physician and followed his father into the medical profession. He trained at Jefferson Medical College and then spent three

decades as an internist and professor of medicine in Wisconsin before returning to the Philadelphia area. As Main Line Health's leading physician, he pushed for safer, better, equitable, and patient-centered medicine in the system's five hospitals and one drug-and-alcohol treatment center.

Dr. Norton helped countless staffers and patients at the medical center, where people saw him as a mentor and as someone who was easy to listen to. After earning his medical degree, he attended the Medical College of Wisconsin in Milwaukee, where he completed his residency in internal medicine and later served as Professor of Clinical Medicine and as Senior Vice President and Chief Medical Officer for Froedtert Hospital.

In addition to being a teacher, Dr. Norton never stopped reading and going to conferences, and delighted in discussing medical journal articles with others.

When the coronavirus struck last year, Dr. Norton led Main Line Health's response. Despite the uncertainty prevalent at the outset of the crisis, he remained focused on the medical care for the community while ensuring the safety of Main Line Health's employees and medical staff.

With the education that Andy received at Jefferson, he was able to apply his broad-based knowledge and empathy to everything he did. Andy remained a true partner by supporting clinical education for Jefferson students.

Contributions can be made to the Andrew J. Norton, MD Memorial Fund by sending a check made payable to "Main Line Health," with "Dr. Norton Memorial Fund" indicated in the memo section, to the following address:

Main Line Health Development 240 North Radnor Chester Road Suite 340 Radnor, PA 19087

# Honorary Degree Recipient

#### BG Tarif Bader, MD, MHA, MA

Tarif Bader, MD, MHA, MA, is a humanitarian and an educator of medicine who is the incoming Director General (Chief Executive Officer) of the Kaplan Medical Center in Israel. Born in the Druze community of Hurfeish, Dr. Bader is the first Arab Druze to hold the office of Surgeon General of the State of Israel.

Dr. Bader has had an extensive and successful medical career. Recently, he was appointed as a member of the Consultant Professional Committee for the Prevention of and Fight Against the Spread of the Coronavirus Pandemic. He is a Senior lecturer at the Hebrew University of Jerusalem, and gives many lectures on a global scale on humanitarian issues and leadership. He is the recipient of multiple awards, including the Dr. Arnold M. Noyek Award from the University of Toronto. In March of last year, Dr. Bader spoke on behalf of Israel at the United Nations General Assembly Peacekeeping Ministerial Conference.

As a known humanitarian, Dr. Bader has participated in and led many medical missions worldwide. Following the 2010 earthquake in Haiti, he steered the Pediatric Department of the Israeli Field Hospital as a part of the Medical Corps Humanitarian Delegation. He also led humanitarian missions for wounded Syrians across their border during the Syrian civil war in 2013. In 2015, he led the humanitarian mission after the earthquake in Nepal and, in 2016, led a medical mission to bring back wounded Israeli citizens who were injured in Istanbul, Turkey.

Dr. Bader holds an MD and MHA from Ben Gurion University and an MA from Haifa University.

# Jefferson College of Life Sciences

### Doctor of Philosophy in Biochemistry and Molecular Pharmacology

Samantha Zimmer Brown
Mai Q. Nguyen
Sheera Rachel Rosenbaum
Doctor of Philosophy in Immunology and Microbial Pathogenesis
Christine Rettew Fisher
Colby Jay Stotesbury
Doctor of Philosophy in Genetics, Genomics and Cancer Biology
Lebaron Agostini
Alex Owen Haber
Amanda M. Pattison
Thesis Title: "Reactivating the GUCY2C Signaling Axis for Colorectal Cancer Chemoprevention" Advisor: Scott Waldman, MD, PhD

<sup>\*</sup> Also receiving a Doctor of Medicine Degree from Sidney Kimmel Medical College

<sup>\*\*</sup> Received a Doctor of Philosophy Degree from Karolinska Institute, Sweden

# Doctor of Philosophy in Neuroscience

* Brittany Ann Charsar
* Rogan Garet Magee
* Sean James O'Sullivan
* Benjamin Hubert Yang
Doctor of Philosophy in Cell Biology and Regenerative Medicine
* Deborah Jean Gorth
Doctor of Philosophy in Medical Sciences
** Neel Nabar
Master of Science in Biomedical Sciences
Nicole ChichearoPottstown, PAAlyxandra CurtisHamilton, NJJoseph P. FlemmingPennsauken, NJMallorie E. FouchGlenside, PALoren E. Hall Jr.Philadelphia, PAAndrew IsopiMt. Laurel, NJPrabhjot KaurBurlington, NJElizabeth Z. KropfPhiladelphia, PARyan William McGinnisDrexel Hill, PAJoy A. PrescodCherry Hill, NJAlesia May SmithNew Park, PATanyra Shayonna SmithDarby, PARoss StaudtMarlton, NJAlexandra WangLancaster, PA

# Master of Science in Cell and Developmental Biology

Nathaniel Hong Anshul Sheel Kumar Ayma F. Malik Danielle Marie Pomante	New Delhi, India San Fancisco, CA
Master of Science in Clinical Research	
Jill Brooke Belinsky Kathleen R. Fitzgerald Devon Anne Magee Mica Susan McCullars-Hamilton Katerina Simunkova NaTaza Stanford	. Chambersburg, PA Maple Shade, NJ Philadelphia, PA Riverside, CA
Master of Science in Forensic Biology	
Nicole P. Bilgram	
Master of Science in Forensic Toxicology	
Natithorn Bhursi	
Master of Science in Human Genetics and Genetic Counseling	
Master of Science in Flaman defleties and defletic Counseling	
Amy Nicole Albright Jordan Noelle Erickson Emily Anne Krauss Paige Elizabeth McDunnah Brooke Noelle Meader Kara Mae Morrison Nina C. Morvin Michelle Rose Rochman Alexander lan Stubbolo	Garrison, NY Garrison, NY Garrison, NY Garrison, PA Garrison, PA Garrison, PA Garrison, PA Garrison, NY Garrison, PA Garrison, NY
Amy Nicole Albright Jordan Noelle Erickson Emily Anne Krauss Paige Elizabeth McDunnah Brooke Noelle Meader Kara Mae Morrison Nina C. Morvin Michelle Rose Rochman	Garrison, NY Garrison, NY Garrison, NY Garrison, PA Garrison, PA Garrison, PA Garrison, PA Garrison, NY Garrison, PA Garrison, NY

# Master of Science in Pharmacology

Jonathan Benway	Scranton, P.
Paige Boneski	Brookfield, C
Caroline Greer Curry	Cherry Hill, N
Erin Eller	Wilmington, D
Gregoris Komodikis	Nicosia, Cypru
Neha Mohan	Philadelphia, P.

# Sidney Kimmel Medical College

### Candidates for the Degree of Doctor of Medicine

Mohammed Abubaker-Sharif Perry Hall, MD Medicine-Preliminary Greater Baltimore Medical Center, MD Diagnostic Radiology	Michael Philip Baldassari Philadelphia, PA AOA Neurological Surgery Thomas Jefferson University Hospital, PA
Brown University/Rhode Island Hospital, RI Subhadra Acharya Fremont, CA General Surgery	John Henry Barbe Philadelphia, PA Anesthesiology Thomas Jefferson University Hospital, PA
Thomas Jefferson University Hospital, PA  Alexander Acosta	Dylan Michael Bard Doylestown, PA AOA Anesthesiology University of Pittsburgh Medical Center, PA
Luis A. Aguilar Montalvan Miami, FL Emergency Medicine Montefiore Medical Center/Einstein, NY	Jason C. Beiriger Philadelphia, PA Emergency Medicine Broward Health Medical Center, FL
Lars Henly Andersen Lititz, PA  Magna Cum Laude  AOA	Danielle Bellavance Philadelphia, PA Internal Medicine Boston University Medical Center, MA
Medicine-Preliminary Case Western Reserve/University Hospitals, OH Ophthalmology Case Western Reserve/University Hospitals, OH	Ethan Max Berman
Kathryn Margaret Anderson Austin, TX Summa Cum Laude AOA Obstetrics/Gynecology	Joshua Stephen Bernard Jamison, PA Internal Medicine Thomas Jefferson University Hospital, PA
Brown University/Women & Infants Hospital, RI Nathaniel S. Ash Hopewell, NJ Internal Medicine Icahn School of Medicine at Mount Sinai, NY Cherry Au Philadelphia, PA Internal Medicine Rush University Medical Center, IL	Saya Kawamura Bery West Chester, PA Pediatrics Case Western Reserve/Rainbow Babies and Children's Hospital, OH
	Aaron BholéAtlanta, GA Emergency Medicine Oregon Health & Science University, OR
Daniel J.P. Bahat	Justin Louis Bilello West Chester, PA  Magna Cum Laude Internal Medicine Thomas Jefferson University Hospital, PA
Nida A. Bajwa Orwigsburg, PA Family Medicine University of California, San Francisco, CA	Vivek Koratkar Bilolikar Maple Grove, MN Orthopaedic Surgery Albert Einstein Medical Center, PA

AOA – Alpha Omega Alpha Honor Medical Society

<sup>\*</sup> Also receiving a Doctor of Philosophy Degree from Jefferson College of Life Sciences

<sup>^</sup> Also reciving a Master of Public Health Degree from Jefferson College of Population Health

Anesthesiology Fan	ron Alexander Chambers Tigard, OR mily Medicine regon Health & Science University, OR
Summa Cum Laude Ort AOA Tho	chael Chang Arcadia, CA rthopaedic Surgery nomas Jefferson University Hospital, PA
University of Texas Southwestern, Dallas, TX  Brendan Kelly BowensLandenberg, PA  Internal Medicine	ra Ann Charles Stuart, FL ternal Medicine lane University School of Medicine, LA
Eisenhower Army Medical Center, GA  Nicholas Charles Bowler Philadelphia, PA  AOA	
	nild Neurology nildren's Hospital of Philadelphia, PA
Medicine-Preliminary AO, Abington Memorial Hospital, PA Inte	ternal Medicine
Cum Laude Ber Transitional Inte	nomas Jefferson University Hospital, PA enjamin Joseph Chipkin Clinton Corners, NY ternal Medicine le-New Haven Hospital, CT
Diagnostic Radiology  University of Michigan Hospital, MI  Fan	mothy Chou
Orthopaedic Surgery  No:	niversity of California, Davis, CA  Dah Daniel Christian
Psychiatry of N	isma Health—University of South Carolina School Medicine, SC assra B. Clark Kirkland, WA
Rosetta Christine Campbell Philadelphia, PA Cur	um Laude rology Research Fellow
Township, PA The	nomas Jefferson University Hospital ssica C. Clark Sewell, NJ
Lankenau Medical Center, PA Urc Dermatology Ten	um Laude fology mple University, PA
Megan R. Carney Glen Mills, PA Ger	evin Joseph Connors Edgewater, MD eneral Surgery nne Arundel Medical Center, MD
Pediatrics Aisl Montefiore Medical Center/Einstein, NY AO,	slinn Crank Delaware Water Gap, PA
Neurology Uni	ternal Medicine-Primary Care niversity of Virginia, VA
Melissa Rose Chai Philadelphia, PA Em	annah R. Crowley Pittsburgh, PA nergency Medicine MSRU/Cooper University Hospital, NJ

Salena Cui Bellevue, WA Neurology Barnes-Jewish Hospital, MO Ravi A. Dalsania	Alexandra Lucia ElderMoorestown, NJ Medicine-Preliminary Lankenau Medical Center, PA Dermatology
Anesthesiology University of Maryland Medical Center, MD Somnath Das	Thomas Jefferson University Hospital, PA  Ibrahim Elmaghrbi
Neurological Surgery University of Alabama Medical Center, Birmingham, AL  ^ Jeremiah A. Davis Philadelphia, PA Family Medicine Duke University Medical Center, NC	Alexandra May Emes Pittsburgh, PA  Magna Cum Laude  AOA  Pediatrics
Brian J. DeLue	University of Pittsburgh Medical Center, PA  Bryce Stuart Eng
Rachel Gray Denneny Fairfax, VA AOA Obstetrics/Gynecology Louisiana State University School of Medicine, New Orleans, LA	William Randall England Rockbridge Baths, VA Internal Medicine Carilion Clinic/Virginia Tech Carilion School of Medicine, VA
Rosalie Victoria DePaola Scotch Plains, NJ Obstetrics/Gynecology Zucker School of Medicine/Northwell Lenox Hill Hospital, NY	Vikram J. Eswar
Kaushal Kamlesh Desai	General Surgery  Morristown Memorial Hospital, NJ  Jason Farber
Joseph Nicholas DiBello III	Internal Medicine Thomas Jefferson University Hospital, PA Samuel Max Fels
Michael Jacob DiMuzio Philadelphia, PA Anesthesiology Thomas Jefferson University Hospital, PA	Psychiatry Johns Hopkins Hospital, MD Mary Elizabeth Ferranti
Timothy Sean Doone	Magna Cum Laude AOA Internal Medicine Hospital of the University of Pennsylvania, PA
Ryan W. Dorey Ballston Spa, NY Family Medicine Family Health Centers of San Diego, CA	Daniela Minna Fishbein Washington, DC Neurology University of Virginia, VA
Andrew Robert Dorion Bloomsburg, PA Ophthalmology St. John's Episcopal Hospital, NY	Lillian Claire Flashner Blue Bell, PA  Cum Laude Internal Medicine
Lianna M. Drobatz Lansdowne, PA Pediatrics Montefiore Medical Center/Einstein, NY	Boston University Medical Center, MA  Ryan Welsh Fogg Charlotte, NC  Magna Cum Laude
Chelsea Dinisha Edirisuriya Claremont, CA Internal Medicine Thomas Jefferson University Hospital, PA	AOA Urology Virginia Commonwealth University Medical Center, VA

Ashley Elizabeth Foreman Houston, DE Emergency Medicine	Jonathan Garelik Gross Philadelphia, PA Internal Medicine-Primary Care
West Virginia University School of Medicine, WV	Thomas Jefferson University Hospital, PA
Cecilia Grace Alexandria Freeman Tampa, FL Otolaryngology St. Luke's University Hospital, PA	Michael Jason Gutman Philadelphia, PA Surgery-preliminary Thomas Jefferson University Hospital, PA
Alec Reid Furstenberg Waterford Township, MI Emergency Medicine Albert Einstein Medical Center, PA	Nora Hajnoczky
Zachary Gandee	Nilanjan Haldar Edison, NJ Transitional Tower Health/Reading Hospital, PA Radiation Oncology Thomas Jefferson University Hospital, PA
Danielle Alyssa Garfunkel Scarsdale, NY Internal Medicine Montefiore Medical Center/Einstein, NY	Yousif K. Hanna
^ Hannah Marie Garrigan Wauconda, IL AOA Medicine-Preliminary Thomas Jefferson University Hospital, PA Ophthalmology	Sean Thomas Haynie Hampstead, MD Medicine-Preliminary Pennsylvania Hospital, PA Physical Medicine and Rehabilitation Thomas Jefferson University Hospital, PA
Wills Eye Hospital, PA  Ronald James Gathagan II Philadelphia, PA	Naomi Abigail Hecht Los Angeles, CA Graduating posthumously
AOA Medicine-Preliminary Yale-New Haven Hospital, CT Interventional Radiology	Martin R. Hehir Washingtonville, NY Anesthesiology University of Virginia, VA
Medicine-Preliminary	Anesthesiology University of Virginia, VA  Tyler W. Henry
Medicine-Preliminary Yale-New Haven Hospital, CT Interventional Radiology Yale-New Haven Hospital, CT Adeeba Fathima Ghias	Anesthesiology University of Virginia, VA  Tyler W. Henry Philadelphia, PA AOA
Medicine-Preliminary Yale-New Haven Hospital, CT Interventional Radiology Yale-New Haven Hospital, CT Adeeba Fathima Ghias Warminster, PA Otolaryngology Tripler Army Medical Center, HI Ernest Cole Gillan Malvern, PA	Anesthesiology University of Virginia, VA  Tyler W. Henry
Medicine-Preliminary Yale-New Haven Hospital, CT Interventional Radiology Yale-New Haven Hospital, CT Adeeba Fathima Ghias	Anesthesiology University of Virginia, VA  Tyler W. Henry
Medicine-Preliminary Yale-New Haven Hospital, CT Interventional Radiology Yale-New Haven Hospital, CT Adeeba Fathima Ghias	Anesthesiology University of Virginia, VA  Tyler W. Henry
Medicine-Preliminary Yale-New Haven Hospital, CT Interventional Radiology Yale-New Haven Hospital, CT Adeeba Fathima Ghias	Anesthesiology University of Virginia, VA  Tyler W. Henry

Katie Lynne Holland	Yitzchak Eitan Noam Katlowitz Staten Island, NY Urology Maimonides Medical Center, NY
Dylan Patrick Horan	Ashley Jenna Katzenstein Philadelphia , PA  Magna Cum Laude  AOA  Family Medicine
Hannah Dorothe Hrobuchak Harrisburg, PA Pediatrics University of Utah Health, UT Jingwen Huang Lewes, DE Internal Medicine	University of Illinois College of Medicine, Chicago, IL  Jafir Irtiza Khan Elmont, NY  Emergency Medicine  Zucker School of Medicine at Hofstra/Northwell,  Southside Hospital, NY  Mishael L. Khan Concord, NH
Emory University School of Medicine, GA  Kyle F. Hughes	Cum Laude Internal Medicine Thomas Jefferson University Hospital, PA ^ David Anthony Klodowski Gibsonia, PA
Kyle Eric Itri	Cum Laude Neurology Beth Israel Deaconess Medical Center, MA Alexander Matthieus Knops Bellingham, WA Otolaryngology Thomas Jefferson University Hospital, PA
Christian Burke Iversen Warminster, PA Family Medicine Abington Memorial Hospital, PA	Caroline McClelland Komlo Gladwyne, PA Thoracic Surgery Yale-New Haven Hospital, CT
Francis Matthew Janton Camp Hill, PA Family Medicine Martin Army Community Hospital, GA Hareindra Rishi Jeyamohan Princeton, NJ	Michelle Anne Konkoly Philadelphia, PA Cum Laude  AOA  Pediatrics-Physical Medicine and Rehabilitation  SKMC/duPont Hospital for Children, PA
Magna Cum Laude Orthopaedic Surgery Allegheny General Hospital, PA Nathan Alexander John Greensboro, NC	Max Krall Philadelphia, PA AOA Internal Medicine UCLA Medical Center, CA
AOA General Surgery Cleveland Clinic, Florida, FL Jack Freer Jones	Jessica Kraus-Lavy
Psychiatry SUNY Health Science Center at Brooklyn, NY Taylor Grace Jones	Katherine M. Kucharczyk Bedford Corners, NY Cum Laude Pediatrics
Magna Cum Laude AOA Pediatrics University of Colorado School of Medicine, CO	University of Washington Affiliate Hospitals, WA  Jordan Edward Kurzum Caldwell, NJ  Pediatrics  St. Christopher's Hospital, PA
Irene Lenehan Kalbian	Christopher Michael Kustera Seaford, NY Emergency Medicine St. Luke's Hospital, Anderson, PA

Matthew Jacob Lankiewicz Chadds Ford, PA Cum Laude Internal Medicine Johns Hopkins Bayview Medical Center, MD Michelle Le Roux	Gregory James Lopez Philadelphia, PA Pediatrics Brown University/Hasbro Children's Hospital, RI  Jeffrey Lu
Michael Owen Leff Chadds Ford, PA Medicine-Preliminary Albert Einstein Medical Center, PA Physical Medicine and Rehabilitation Thomas Jefferson University Hospital, PA	* Rogan Garet Magee Philadelphia, PA AOA Medicine-Preliminary Pennsylvania Hospital, PA Neurology Hospital of the University of Pennsylvania, PA
Samantha Leite	Priyha Mahesh Philadelphia, PA Internal Medicine University of Maryland Medical Center, MD
Magna Cum Laude Internal Medicine Hospital of the University of Pennsylvania, PA	Alyssa Gail Manski
Joy Li Philadelphia, PA Medicine-Preliminary Pennsylvania Hospital, PA Diagnostic Radiology	Thomas Charles Marconi Jr Wilmington, DE Medicine-Emergency Medicine Christiana Care, DE
Thomas Jefferson University Hospital, PA Lucy LiSan Diego, CA	Rachel Lynn Mardis Mesa, AZ Pediatrics Phoenix Children's Hospital, AZ
Medicine-Preliminary New York Medical College, Metropolitan Hospital, NY Ophthalmology New York Medical College, NY Tianyun Li	Sh'Rae E. Marshall Atlantic City, NJ Medicine-Preliminary SUNY Health Science Center at Brooklyn, NY Physical Medicine and Rehabilitation Thomas Jefferson University Hospital, PA
Anesthesiology Cleveland Clinic Foundation, OH	Joely Alyssa Mass Stamford, CT Cum Laude
Kathryn Merrill Linder West Islip, NY Master of Public Health Program Johns Hopkins/Bloomberg School of Public Health	AOA Pediatrics Lurie Children's Hospital/Northwestern University, IL
Alice Liu	Erik Mark Massenzio Sparta, NJ Medicine-Preliminary Thomas Jefferson University Hospital, PA
Sara Catherine Long	Ophthalmology Wills Eye Hospital, PA
	1 5

Eric Van Mastrolonardo Simi Valley, CA Summa Cum Laude AOA	Christopher James Neely Macungie, PA AOA Surgery-Preliminary
Otolaryngology Thomas Jefferson University Hospital, PA Praneeja Matta	McGaw Medical Center, Northwestern University, IL Interventional Radiology McGaw Medical Center, Northwestern University, IL
Internal Medicine CMSRU/Cooper University Hospital, NJ	Joshua Ilok Ng
Eileen L. Mayro Penn Valley, PA Ophthalmology University of Rochester/Flaum Eye Institute, NY	Linh H. Nguyen Hatfield, PA Obstetrics/Gynecology
Trevor J. McBride Avon, CO AOA Orthopaedic Surgery San Antonio Military Medical Center, TX	Dartmouth-Hitchcock Medical Center, NH  Victoria N. Nguyen Philadelphia, PA Internal Medicine Brown University/Rhode Island Hospital, RI
Richard M. McEntee Philadelphia, PA Orthopaedic Surgery University of Kansas School of Medicine, KS	Karl Joshua Nimtz Philadelphia, PA  Cum Laude  Emergency Medicine
Joseph Abrahams Menand New York, NY Internal Medicine Icahn School of Medicine at Mount Sinai/ Morningside, NY	Riverside Community Hospital, CA  Garrison NordSouthington, CT  Cum Laude  Emergency Medicine
Benjamin S. Meyers	Yale-New Haven Hospital, CT  Madeleine Hope NorrisMedia, PA  Child Neurology  NYU Grossman School of Medicine, NY
Toru Mihama	Mackenzie Anne O'ConnorBrightwaters, NY Magna Cum Laude
Aaron Benjamin Miller Bala Cynwyd, PA  Magna Cum Laude  Emergency Medicine	AOA Otolaryngology NYU Grossman School of Medicine, NY
Temple University, PA  William F. Mitchell III Huntingdon Valley, PA  Orthopaedic Surgery  NYU School of Medicine, Long Island, NY	Israel Ojalvo
Carrie H. Mok Alhambra, CA Internal Medicine Huntington Memorial Hospital, CA	SUNY Downstate Medical Center, NY  Adedoyin Adeoye Okulate Houston, TX  Family Medicine  Penn State University, Hershey Medical Center, PA
Shamanta Marium Mostofa Mechanicsburg, PA Neurology George Washington University, DC	Alexander Mayhew Olson San Rafael, CA Anesthesiology
Jeffrey Mu	Virginia Mason Medical Center, WA  Ji-Hui Gavyn Ooi
* Neel Ravi Nabar Carlsbad, CA Internal Medicine Hospital of the University of Pennsylvania, PA	Thomas Jefferson University Hospital, PA  Aaron W. Oraham
16	Loyola University Medical Center, IL

a Elizabeth Pimpinelli Clark, NJ nal Medicine
ers-Robert Wood Johnson Medical School, NJ
na Reddy
School of Medicine at Mount Sinai/ ingside, NY
rt Allan Ries
tiana Care, DE  1 David Roadarmel Philadelphia, PA
ral Surgery rsity of California, San Francisco/East Bay, CA
min H. Rogers Philadelphia, PA y Medicine
nas Jefferson University Hospital, PA
new Chadwick Hacker Rohn . Longboat Key, FL etrics/Gynecology ge Washington University, DC
Jane Romano Philadelphia, PA nal Medicine-Primary Care
oridge Health Alliance, MA sa Lina Ruggiero Brecksville, OH
gency Medicine Grossman School of Medicine, NY
line Leigh Russell Philadelphia, PA blogy
nas Jefferson University Hospital, PA
Ryu East Setauket, NY cine-Preliminary
Hospital of Baltimore, MD tion Oncology
efiore Medical Center/Einstein, NY
Saharan York, PA gency Medicine
ers-Robert Wood Johnson Medical School, NJ
e Sahmoud Philadelphia, PA etrics/Gynecology
Western Reserve/University Hospitals, OH
Michael Saline
efiore Medical Center/Einstein, NY
o Sandoval-TovarMuskogee, OK ral Surgery rsity of Illinois, Chicago/Metro Group
itals, IL

Samantha Lindsay Savitch Putnam Valley, NY  Magna Cum Laude  AOA  General Surgery	Tyler William Stumm Sewell, NJ General Surgery Case Western Reserve/University Hospitals, OH
University of Michigan Hospital, MI  Audra Hugo ScanlanLafayette Hill, PA	Jay S. Subramoney Hockessin, DE Anesthesiology University of Virginia, VA
Obstetrics/Gynecology Pennsylvania Hospital, PA	Amrita Sukhavasi Glen Mills, PA
Abigail Marie Schmucker Philadelphia, PA <i>Cum Laude</i> AOA	Thoracic Surgery University of North Carolina Hospitals, NC
Internal Medicine-Primary Care Hospital of the University of Pennsylvania, PA	Abhishek Venkata Surampudy Newark, DE Internal Medicine-Pediatrics Christiana Care, DE
Catherine E. Sham	Kevin Meng TangBryn Mawr, PA  Magna Cum Laude  AOA  Internal Medicine
Mark A. Shapses Milltown, NJ AOA	Hospital of the University of Pennsylvania, PA
Internal Medicine Washington University/Barnes-Jewish Hospital, MO	Julian Tanjuakio Newark, DE Family Medicine SUNY Health Science Center at Brooklyn, NY
Kavya ShivashankarOverland Park, KS Obstetrics/Gynecology University of Illinois College of Medicine, Chicago, IL	Madison Blair TaorminaMoorestown, NJ Medicine-Preliminary Lankenau Medical Center, PA
Cyrus John Sholevar Philadelphia, PA General Surgery	Diagnostic Radiology Thomas Jefferson University Hospital, PA
University of California, Davis, CA  Mackenzie D. Silverman	Alyssa Marie Tate Philadelphia, PA Psychiatry University of Nevada School of Medicine, Reno, NV
Children's Hospital Los Angeles, CA  Bridget Maeve Dougherty Smith Bethlehem, PA Family Medicine	Robert Truman Tatum Philadelphia, PA General Surgery University of Vermont Medical Center, VA
Abington Memorial Hospital, PA  Jessica L. Smith	Alexander A. Thomas Philadelphia, PA Psychiatry
AOA General Surgery University of Utah Health, UT	University of California, Riverside, CA  George Titomihelakis Philadelphia, PA  Vascular Surgery
^ Eric Steimetz Monsey, NY Pathology	Icahn School of Medicine at Mount Sinai, NY
SUNY Health Science Center at Brooklyn, NY	Mercy O. Toma Fords, NJ Pediatrics
Marissa Anne Stepler Philadelphia, PA Cum Laude	SKMC/duPont Hospital for Children, PA
Pediatrics University of Pittsburgh Medical Center, PA	Ashley Elizabeth Traczuk Philadelphia, PA  Cum Laude  Internal Medicine-Primary Care
Emily E. Stroobant Carrboro, NC Cum Laude	Thomas Jefferson University Hospital, PA
General Surgery University of Massachusetts Medical School, MA	Taylor M. Treacy Philadelphia, PA Internal Medicine Icahn School of Medicine at Mount Sinai, NY

Agnes Megumi Tsuda Haddonfield, NJ Pediatrics SKMC/duPont Hospital for Children, PA	Matthew Patrick Weber Philadelphia, PA  Magna Cum Laude  AOA
Breanna N. Valcarcel Nazareth, PA  Magna Cum Laude	General Surgery University of Virginia, VA
AOA Obstetrics/Gynecology Johns Hopkins Hospital, MD	Emily Wei
Duncan Stockton Van Nest Philadelphia, PA AOA Orthopaedic Surgery Albert Finstein Medical Center PA	Caitlin Jamie Weiss
Albert Einstein Medical Center, PA  Yash Varma Edison, NJ	Family Medicine Boston University Medical Center, MA
Cum Laude Internal Medicine University of North Carolina Hospitals, NC	Mary Bridget Curtin WhiteChadds Ford, PA Magna Cum Laude AOA
Dante Fotios Varotsis Philadelphia, PA Obstetrics/Gynecology	Internal Medicine Yale-New Haven Hospital, CT
Thomas Jefferson University Hospital, PA	^ Robert Henry Wilson III Valparaiso, IN Emergency Medicine
Michael R. Velez Coral Gables, FL Anesthesiology	Rush University Medical Center, IL
Cedars-Sinai Medical Center, CA	Brian Obinna Wogu New Castle, DE
Gabriela Amor VillamorEgg Harbor Twp, NJ Obstetrics/Gynecology Jersey Shore University Medical Center, NJ	Medicine-Preliminary University of North Carolina Hospitals, NC Ophthalmology
Sage Anna Vincent	University of North Carolina Hospitals, NC  Brittany Lee Wohler Rockbridge Baths, VA
Urology Thomas Jefferson University Hospital, PA	Family Medicine
Chloe Elise Virgil Laguna Niguel, CA Pediatrics	Carilion Clinic/Virginia Tech Carilion School of Medicine, VA
Children's Hospital, Los Angeles, CA	Christina M. Wohler Alexandria, VA General Surgery
Amanda M. Walker Philadelphia, PA Pediatrics	Abington Memorial Hospital, PA
SKMC/duPont Hospital for Children, PA	Fanyi Wu Philadelphia, PA Internal Medicine
Mariam E. Wanees Fresh Meadows, NY Obstetrics/Gynecology	Greenwich Hospital, CT
NYU Long Island School of Medicine, NY	Joshua Michael Wynne
Eric D. Warner Philadelphia, PA Internal Medicine	Montefiore Medical Center/Einstein, NY
Thomas Jefferson University Hospital, PA	Kevin Xie
Shayan Waseh Mount Ephraim, NJ Medicine-Preliminary	SUNY Buffalo School of Medicine, NY
Lankenau Medical Center, PA Dermatology	Helen Y. Xu
Temple University, PA	AOA Internal Medicine
Tamar Avichayil Wasserman Reich Chestnut Hill, MA Emergency Medicine	UCLA Medical Center, CA

Albert Einstein Healthcare Network, PA

Vivian Xu Bloomsburg, PA Otolaryngology Thomas Jefferson University Hospital, PA Rei Yamada Fort Lee, NJ	Dina S. Zaret Philadelphia, PA <i>Cum Laude</i> Internal Medicine  Icahn School of Medicine at Mount Sinai, NY
Obstetrics/Gynecology Rutgers-Robert Wood Johnson Medical School, NJ Daisy Yan	Amber Cheng Zhang Maple Glen, PA Family Medicine Christiana Care, DE
AOA Transitional Lemuel Shattuck Hospital, MA	Richard Shuxiang Zhang Jericho, NY Psychiatry University of Connecticut School of Medicine, CT
Dermatology Boston University Medical Center, MA	Claire Elizabeth Zurlo Philadelphia, PA Internal Medicine
* Benjamin Hubert Yang Richmond Hill, NY Internal Medicine Rutgers-Robert Wood Johnson Medical School, NJ	Thomas Jefferson University Hospital, PA
Nathaniel B. Zahustecher Philadelphia, PA  Magna Cum Laude  Emergency Medicine  Temple University, PA	

# **Grand Marshals**

Grand Marshal	Christopher V. Chambers, MD
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Marshals David Abraham, PhD

Katherine Berg, MD Kristin DeSimone, MD Lisa Kozlowski, PhD WayneBond Lau, MD Leonard Levine, MD Bernard Lopez, MD Karen Novielli, MD Nancy J. Philip, PhD Stefani Russo, MD Kathryn Trayes, MD Deborah Ziring, MD

**Readers** Carol Beck, PhD

Clara Callahan,MD

#### Awards and Prizes

Awarded at Class Day Exercise on May 19, 2021

### Faculty Awards

Thomas J. Nasca, M.D. Award for Distinguished Teaching and Dedication to Student Medical Education sponsored by the SKMC Dean's Office.

#### Peter Ronner, Ph.D.

Professor, Department of Biochemistry and Molecular Biology Sidney Kimmel Medical College at Thomas Jefferson University

Blockley-Osler/Dean's Teaching Award for Excellence in Teaching. Given to a faculty member of an affiliated hospital.

John P. Horne, M.D.

Clinical Assistant Professor of Family Medicine Latrobe Area Hospital

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

#### David Roby, M.D.

Clinical Associate Professor of Neurology Einstein Healthcare Network

The Leonard Tow Humanism in Medicine Award presented by the Arnold P. Gold Foundation. Given to an outstanding faculty member demonstrating exemplary compassion in doctor/patient relations.

#### Robert J. Motley, M.D.

The Ellen M. and Dale W. Garber Professor of Family Medicine Sidney Kimmel Medical College at Thomas Jefferson University

# 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.

Caitlin Weiss (honorable mention: Emily Romano)

Dolores Shupp Byrne, PhD Senior Urology Award to a student at Thomas Jefferson University who has been recognized by the staff of Urology, for accomplishing in their four years of medical education clinical and/or basic science research which has added positively to our understanding and treatment of urologic disorders.

#### **Emily Bochner**

The Endowed Carroll R. Mullen, MD '26 Memorial Prize in Ophthalmology. To the senior who has displayed outstanding aptitude and excellence in ophthalmology.

Eileen Mayro (honorable mention: Devayu Parikh)

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.

#### **Dante Varotsis**

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. Samuel Fels

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

Kathryn Anderson (honorable mention: Rei Yamada)

The Norman F. Sokoloff, M.D. Award, for excellence in clinical and diagnostic skills. Sponsored by family and friends in memory of Norman F. Sokoloff, M.D., a proud graduate of Jefferson's Class of 1969. Kathryn Anderson

The Burton L. Wellenbach, M.D. – JMC Class of 1944 Award for Excellence in Obstetrics and Gynecology and Medical Ethics. Awarded to the graduating senior who demonstrates excellence in obstetrics and gynecology and medical ethics as exemplified by Dr. Burton L. Wellenbach's 50 years of practice and dedication to the Medical College at Thomas Jefferson University and medicine. Catherin Sham

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

#### Madison Taormina

The William C. Davis, Class of 1977 Prize in Emergency Medicine is awarded to a senior who will pursue a career in emergency medicine. Sponsored by Mrs. Charlotte Davis in memory of her son, William C. Davis, M.D., an alumnus of Jefferson Medical College.

Nathaniel Zahustecher (honorable mention: Marissa Ruggiero)

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

Michael Velez (honorable mention: Yousif Hanna)

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.

Neel Nabar (honorable mention: Lydia Glick)

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.

Lars Anderson (honorable mention: Emily Bochner)

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

George Titomihelakis (honorable mention: Matthew Weber)

The Philip P. Ripepi, M.D. Prize in General Surgery is awarded to a senior medical student pursing a career in general surgery, who is deemed most worthy by the Medical College surgical faculty. It is named for Philip P. Ripepi, M.D., esteemed educator, surgical innovator, nationally recognized oncology surgeon, and former Chairman of the Department of Surgery at Mercy Hospital of Pittsburgh. Samantha Savitch (honorable mention: Emily Papai)

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.

Britany Charsar (honorable mention: Katherine Kucharczyk)

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

Eric Mastrolonardo

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.

Ashley Katzenstein (honorable mention: Jeremiah Davis)

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

David Klodowski (honorable mention: Jade Park)

The Hubert Spencer Sear, M.D. Memorial Award. Awarded to an outstanding fourth-year student in radiology. Sponsored by family and friends in memory of Hubert Spencer Sear, M.D., Class of 1950. **Kyle Itri** (honorable mention: **Joy Li**)

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.

Alexandra Leto

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

Mary Ferranti (honorable mention: Eric Warner)

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

Dylan Bard (honorable mention: Ji-Hui (Gavyn) Ooi)

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

Aislinn Crank (honorable mention: Mary White)

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

Joseph Menand (honorable mention: Aaron Miller)

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

Kathryn Anderson, Zachary Herman, and Eric Mastrolonardo

The Hyman Menduke Research Prize is awarded to the graduating senior who, as determined by the Committee on Research of the faculty, has demonstrated excellence in research while a student at the Medical College at Thomas Jefferson University. Sponsored by Michael LeWitt, M.D., Class of 1974.

Michael Gutman and Eileen Mayro for the MD program and

Neel Nabar for the MD/PhD program

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

Ashley Katzenstein (honorable mention: Yash Varma)

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

Mary White (honorable mention: Taylor Paskey)

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.

#### Alexandra Emes

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

Alyssa Tate

The Frans J. Vossenberg, M.D., Memorial Prize in Internal Medicine is awarded to a graduating senior member of the Alpha Omega Alpha Honor Society who has chosen to pursue a career in the field of Internal Medicine and has demonstrated excellence in diagnostic skills and patient compassion as exemplified by the life of Frans J. Vossenberg, M.D. Class of 1950.

#### Rogan Magee

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

Amanda Walker (honorable mention: George Titomihelakis)

The Philip J. Wolfson, M.D., Memorial Prize for Leadership is awarded to the senior who has served as a role model for effective leadership and professional behavior through the four years of medical school. Sponsored by the family, colleagues, and friends of Philip J. Wolfson, M.D. Alexandra Leto (honorable mention: Emily Stroobant)

The Irving J. Olshin, M.D., Memorial Prize in Pediatrics is awarded to the graduating senior who best combines scholarship, integrity, and an engagement in human character and ethics with their study of medicine, as exemplified by Dr. Irving J. Olshin's forty-five years of practice and dedication to Jefferson Medical College and the Department of Pediatrics.

#### Michelle Konkoly

The Jennifer Reed Bakker, M.D., Class of 2001 Memorial Prize is awarded to the graduating senior who best displays compassion for the sick, a true sense of humanity, and meticulous regard for human dignity.

Lianna Drobatz (honorable mention: Jessica Kraus-Levy)

The Catherine Liu, M.D. Memorial Prize in Obstetrics and Gynecology is awarded to a fourth-year medical student who plans to pursue a career in Ob/Gyn. This student should demonstrate academic excellence and a commitment to women's health.

#### Rachel Madding

The Maria Werner-Wasik, M.D. Award for Excellence in Radiation Oncology is awarded to a fourth-year medical student who chose to participate in the third-year selective rotation and who demonstrated the necessary qualities to develop as a leader in academic radiation oncology. Ellen Ryu

The Dr. Thomas D. Griffin and Patricia C. Griffin Award in Dermatology is in honor of Dr. Jouni Uitto, Chairman of the Department of Dermatology, and is given to a graduating senior showing outstanding motivation and interest in the care of the skin.

#### Megan O'Donnel

The Gerald A. Isenberg, M.D. Award. To the graduating student who has made the most innovative contributions to medical education. Sponsored by friends and colleagues of Gerald A. Isenberg, M.D., who devoted his career to the advancement of medical education at Jefferson.

Alexandra Leto (honorable mention: Robert Ries)

# The University Mace

Originally a medieval weapon, the mace evolved from a short staff weighted with metal (used for breaking armor) into a bejeweled and sculptural relic. It fell into disuse by the 16th century as firearms made protective armor and some hand-to-hand combat weapons obsolete. In one of the earliest ceremonial uses of the mace, it was carried by the royal bodyguard before the French king in the 1200s. Examples of the mace as a symbol of authority in modern government include its use in the British House of Commons where the ceremonial mace has a presence on the Treasury table and in the U.S. House of Representatives, where it is placed on a pedestal to the right of the Speaker's podium when the House is convened.

Universities also used the ceremonial mace, borne by the chief marshal, during academic processions. The Thomas Jefferson University Mace, carried for the first time in the 1986 commencement ceremonies by Grand Marshal Robert Mandle, PhD, 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, 14-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 of Saint Luke," symbol of Saint Luke the Physician, the original of which stands on campus beside the Scott Building on Walnut Street. The miniature was cast in silver by Zweigle.

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 50 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. The mace, a grand emblem of the University's heritage, is carried at the head of all formal academic processions.

# The Presidential Medallion of Thomas Jefferson University

The President's Medallion was created in 2009 during the tenure of Robert L. Barchi, MD, PhD, the fourth President of Thomas Jefferson University. It replaced the previous, well-worn President's Medallion made in 1977, which had depicted four old corporate seals used in various eras of the institution's history.

The current medallion was designed and crafted by Tiffany & Company, New York. It consists of a sterling silver medallion suspended from a heavy, silver double-link chain. The medallion's obverse depicts the University seal; a bas-relief profile of Thomas Jefferson and the surround reads, "THOMAS JEFFERSON UNIVERSITY – 1824," the year the institution was founded. The reverse is engraved with the names of the four University Presidents

Silver is a metal long-associated with medicine and is recognized to have anti-bacterial properties. Hippocrates (ca. 300 BCE) acknowledged the healing powers of silver and the ancients used silver bottles to keep water or wine from spoiling. The expression "born with a silver spoon in your mouth" comes from th Middle Ages; when the wealthy gave their children silver spoons to suck on to prevent disease. Like many academic traditions, the display of a heavy "chain of office" comes down to us from medieval regalia and represents the weight of responsibility for the wearer. The chain itself connotes strength in unity, as well as strong communication.

The Presidential Medallion is worn by the President at all convocations of the University.

# The Jefferson Processional

The Jefferson Processional was commissioned by the Alumni Association of Jefferson Medical College, now named Sidney Kimmel Medical College and played for the first time on November 15, 1974, at the Sesquicentennial Celebration of the Sidney Kimmel Medical College of Thomas Jefferson University. This piece was presented to Thomas Jefferson University by the President of the Alumni Association, John J. Gartland, MD. It was composed by Burle Marx.

# Academic Regalia

The attire worn at academic ceremonies evolved from the dress worn by clergy in the 12th and 13th centuries. Throughout the years, European universities have continued to show great diversity in their academic dress. American universities, when they decided to adopt academic dress in 1895, immediately established a code of regulations that today is followed by practically all American institutions.

The code provides for three types of gowns. Those worn by the bachelors are made of black worsted material and have long, pointed sleeves. Masters may wear either black silk or black woolen gowns, made with a long, closed sleeve with an arc of a circle appearing near the bottom, and a slit for the arm. The doctors' gowns are black material, typically silk, with a full, round, open sleeve. They are faced with velvet and have three bars of velvet or chevrons, on each sleeve. The color of the velvet trim may be black or the same color as the velvet, indicative of the discipline, which edges the hood.

The black Oxford or mortarboard-style cap is worn for all degrees, but only the doctor's cap may be made of velvet and only doctors or presidents of institutions may wear a gold tassel on the cap. The tassel fastened to the center of the cap is normally worn in the left-front quadrant of the cap and is made of black thread.

It is the hood, however, that is the most important and distinctive feature of the American Code. The system established by the Intercollegiate Commission enables anyone attending an academic function in this country to distinguish at a glance the bachelors, masters and doctors, and, at the same time, recognize the university that has given the degree.

The doctor's hood, of black cloth matching the gown, is four feet in length and made with a wide panel. The master's and bachelor's hoods are three-and-one-half feet and three feet in length, respectively. They are made of black cloth matching the gowns and follow the Oxford shape. The hoods for all the degrees are lined with silk in the official academic color or colors of the institution conferring the degree.

The binding or trim of all the hoods is of velvet or velveteen, two inches, three inches and five inches wide for the bachelor's, master's and doctor's degrees, respectively. The color of this velvet trim indicates the department or faculty to which the degree pertains, each department having been assigned a different color by the Intercollegiate Code

#### DESCRIPTION OF ACADEMIC DRESS

The colors associated with many of the academic di	sciplines are:
Violet	Slate Blue Doctor of Occupational Therapy
White Arts and Letters	Maize
Tan or Drab	Maize
Light Blue Education	Olive
Teal	Dark Blue Philosophy
Green	Teal
PlumMidwifery	Salmon
Apricot Nursing	

Adapted from The Story of Caps and Gowns, by Helen Walters, 1939, E.G. Moore: New York.





