



# COMMENCEMENT

THOMAS JEFFERSON UNIVERSITY

**2020**




## GRADUATE CEREMONY

Jefferson College of Architecture and the Built Environment

Jefferson College of Pharmacy

Jefferson College of Population Health

Kanbar College of Design, Engineering and Commerce





## 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.



## This is not how I planned to address you in this important moment of your life.

Which brings me to an important opening statement. However 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!

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

Commencement is always an emotional and memorable moment. This year ... well, no one will forget 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 and empathy, that needs you.

The class of 2020 has a number of firsts, starting during the academic year, and ending with the first virtual commencement in the history of Thomas Jefferson University. It reminds me of the virtual commencement celebration held by John Krasinski on his pandemic-inspired virtual show, SGN (Some Good News). I was struck by the advice Steven Spielberg gave:

“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.” *(Steven Spielberg, SGN May 3.)*

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.

I also want to acknowledge the loss you've felt by not being together in person for your classes, studio work, labs and final projects, as well as being unable to finish sports schedules, and celebrations among classmates and teammates. All of those make university life rich, and you had to substitute online learning, a digital curriculum and virtual celebrations.

My great hope is that we will all 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 yearning for time with friends and collaborators, I believe we'll know even more deeply the power of creativity, communication and empathy.

Thank you for your amazing work finishing this academic year.



Stephen K. Klasko, MD, MBA  
*President, Thomas Jefferson University*  
*CEO, Jefferson Health*

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# Graduate Ceremony Program

July 12, 3:00 p.m.

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## Processional

Trumpet Voluntary  
The Jefferson Processional

John Stanley  
Burle Marx  
Performed by Martin and Shana Hodel

## Opening Proclamation

H. Richard Haverstick, Jr.  
*Chair, Board of Trustees,  
Thomas Jefferson University and  
Jefferson Health*

## The National Anthem

Margaret A. Lafferty, MD  
*Sidney Kimmel Medical College,  
Class of 2012*

## Convocation and Remarks

Stephen K. Klasko, MD, MBA  
*President & CEO  
Thomas Jefferson University  
and Jefferson Health*

Mark L. Tykocinski, MD  
*Provost and Executive Vice President,  
Thomas Jefferson University  
Dean, Sidney Kimmel Medical College*

## Conferring of Degrees in Course

Jefferson College of Architecture  
and the Built Environment  
Jefferson College of Pharmacy  
Jefferson College of Population Health  
  
Kanbar College of Design, Engineering and Commerce

President Klasko  
Barbara Klinkhammer, MArch, Dean  
  
Rebecca S. Finley, PharmD, MS, Dean  
Willie (Billy) H. Oglesby, PhD, MBA,  
MSPH, FACHE, Interim Dean  
Ronald G. Kander, PhD, Dean

## Recessional

Philadelphia Orchestra, Elgar's 1901  
*Pomp and Circumstance March No. 1  
in D Major*

# Jefferson College of Architecture and the Built Environment

## Master of Architecture

Juan Enrique Rosario . . . . . Bethlehem, PA      Tong Wu . . . . . Yinchuan, China  
Stuti Uday Sampat . . . . . Mumbai, India      Tianyi Xie . . . . . Jianan, China  
Nicola Morna Taylor . . . . . Mohnton, PA

## Master of Science in Construction Management

Talal Masad Almeahmadi . . . . . Jeddah, Saudi Arabia      Akul Modi . . . . . Ahmedabad, Exton  
Majed Suwailem Alotaibi . . . . . Jeddah, Saudi Arabia      Thomas John Ohntrup . . . . . Warrington, PA  
Divyang Pradeepbhai Barvaliya . . . . . Philadelphia, PA      Sabene Similien . . . . . Philadelphia, PA  
Rahil Harshad Brahmhatt . . . . . Ahmedabad, India      Svetla Z. Todorova . . . . . Newark, DE  
Suvro Ghosh . . . . . Bangalore, India      Roosevelt Rock Troyah . . . . . New Castle, DE  
Feliks Knysh . . . . . Philadelphia, PA      Yash Harshadbhai Vaghela . . . . . Vadodara, India  
Riya Malik . . . . . Philadelphia, PA      Anup Vennam . . . . . Hyderabad, FR  
Colleen Mills . . . . . Medford, NJ      Stephen Michael Ventresca . . . . . Newark, DE  
Osmond Mincarelli . . . . . Spring City, PA

## Master of Science in Geodesign

Onyekachi Nwobi . . . . . Lagos, Nigeria      Timothy Francis Brown . . . . . Winchester, VA

## Master of Science in Interior Architecture

Banan Abdullah Asire . . . . . Jeddah, Saudi Arabia      Anthony James Rea . . . . . St. Paul, MN  
Sarah Jane Farella . . . . . Collegeville, PA      Xingnan Wang . . . . . XI'AN, China  
Ariadna Hernandez-Salcedo . . . . . Puebla, Mexico

## Master of Science in Real Estate Development

Aminat Temitope Akanji . . . . . Lagos, Nigeria      Kimberly Nicole McCleary . . . . . Winnsboro, TX  
Christopher Clark Bower . . . . . Philadelphia, PA      Aaron O. Rowlett . . . . . East Orange, NJ  
Ryan Mark Harris . . . . . Philadelphia, PA      Benjie Zhou . . . . . Dali, China  
Shakarr Clyde Hawkins . . . . . Philadelphia, PA

## Master of Science in Sustainable Design & Construction Management

Pratik Ashok Kataria . . . . . Pune, India      Niranjana Malgonda Patil . . . . . Kolhapur, India

## Master of Science in Sustainable Design

Husham Sameer Aneel Al-Naseri . . . . . Washington, DC      Priyal Mohan Deshpande . . . . . Pune, India  
Kimberly Marie Bush . . . . . Millersville, MD      Sneha Dhiren Doshi . . . . . Mumbai, India  
Carrie Collins . . . . . Perrysburg, OH      Hunter John Faddis . . . . . Media, PA  
Kaitlyn DeBeras . . . . . Lake Ariel, PA      Stacy Feil . . . . . Kansas City, Kansas

Rupali Gadagkar . . . . .	Pune, India	Faris Rehman. . . . .	Greencastle, PA
Laura M. Goodsell-Stocki . . . . .	Seattle, WA	Hayden S. Remick. . . . .	Wynnewood, PA
Surabhi Praful Khanderia . . . . .	Vadodara, FR	Sarah Sheila Roebuck. . . . .	Philadelphia, PA
Abhiri Khisty. . . . .	Mumbai, India	Yodit Yaregal Seyoum . . . . .	Washington, DC
Ageela Ahmad A. Madkhali . . . . .	Jazan, Saudi Arabia	Angela M. Valazza. . . . .	Philadelphia, PA
Deysi Karina Montes Castillo. . . . .	Lima, Peru		

## Jefferson College of Pharmacy

### Doctor of Pharmacy

Doyinsola O. Adetunji . . . . .	Lagos, Nigeria	Maggie M. Lycouras . . . . .	Toronto, Ontario
John Ahn . . . . .	Berlin, NJ	Ashley L. Maurizi . . . . .	Reamstown, PA
Md Raqibul Alam. . . . .	Upper Darby, PA	Clare Elizabeth Moore . . . . .	Plymouth, MA
Saadiya Ali . . . . .	Princeton, NJ	Nicholas J. Nakon. . . . .	Avon, OH
Hina Anwar . . . . .	Collegeville, PA	Abegale L. Nelson. . . . .	Assonet, MA
Daniella N. Armah. . . . .	East Orange, NJ	Jaclyn Rae O'Connor. . . . .	East Brunswick, NJ
Aja M. Badgeley. . . . .	Columbus, OH	Nicholas Marciulionis Paulson. . . . .	Wilmington, DE
Mercedes R. Bellam . . . . .	Philadelphia, PA	Davaki I. Pressley. . . . .	Philadelphia, PA
Clint Joseph T. Borja . . . . .	Wilmington, DE	Stephanie Marie Quist . . . . .	Helena, MT
Abigail A. Bruff. . . . .	Glenmont, NY	Erika Maria Rojek. . . . .	Mercerville, NJ
Taylor Lee Carcella . . . . .	Downingtown, PA	Francesca D. Romeo . . . . .	Gibbstown, NJ
Amanda N. Cline. . . . .	Phoenixville, PA	Michael Rosati III. . . . .	Haddon Heights, NJ
Alyssa E. Cortina . . . . .	Limerick, PA	Anne Katherine Schneider. . . . .	Middlesex, NJ
Michelle Culbert . . . . .	Brookhaven, PA	Renata Josephine Shamis . . . . .	Brooklyn, NY
Jessica A. Cunningham. . . . .	Goldsboro, NC	Ifra V. Sharief . . . . .	Newark, DE
Julian Rene De La Calzada . . . . .	Easton, PA	Urvashi Sharma . . . . .	Lawrenceville, NJ
Danielle Devilli. . . . .	Millville, NJ	Maksym Shysh. . . . .	Holland, PA
Rana M. Elmekadem. . . . .	Haddonfield, NJ	Raymond A. Smith . . . . .	Manahawkin, NJ
Boluwatife Omojenrola Familusi . . . . .	Central Islip, NY	Matthew D. Sowers . . . . .	Stewartsville, NJ
Michelle T. Hoang. . . . .	Newark, DE	Jessica Carla Spangler . . . . .	Wenonah, NJ
Ileka Chibuzo Ifejika . . . . .	Sicklerville, NJ	Brandi Marie Steady . . . . .	Dover, DE
McQueen Ikechukwa Jules. . . . .	Bristol, PA	Shannan Marie Street. . . . .	Chadds Ford, PA
Gregory J. Kemper . . . . .	Philadelphia, PA	George Tadroes . . . . .	East Brunswick, NJ
Roy Kim . . . . .	ChungNam, South Korea	Le M. Tran . . . . .	Philadelphia, PA
Julia L. Kopec . . . . .	Brewster, NY	Rachel Christine Umstead. . . . .	Perkasie, PA
Charles Dylan Korn. . . . .	Philadelphia, PA	Alex G. Walter . . . . .	Northampton, PA
Siddharth P. Kothari . . . . .	Blackwood, NJ	Danielle Marie West . . . . .	Thornton, PA
Katharine Anne Lawrence . . . . .	Newark, DE	Timothy M. Yeung. . . . .	Freehold, NJ
Lauren Ashley Leach . . . . .	Blackwood, NJ	Douglas Peter Zeman . . . . .	Nazareth, PA
Nicole Ashley Leshko. . . . .	Whitehall, PA	Tony Zheng . . . . .	Villas, NJ

# Jefferson College of Population Health

## Doctor of Philosophy in Population Health Science

Marlon Denise Satchell . . . . . Philadelphia, PA

## Master of Science in Applied Healthcare Economics & Outcomes Research

Simone Monique Austin . . . . . Kennesaw, GA     Amy Marie Pavlock . . . . . Spring City, PA  
Alberto Esteban Batista . . . . . Miami, FL     Lauren Marie Seigel . . . . . Downingtown, PA  
Janine Buenviaje Fournier . . . . . Lexington, MA     Jennifer Anne Voelker . . . . . Dayton, OH  
Justin Charles Frisby . . . . . Philadelphia, PA     Qi Yan . . . . . Chengdu, China

## Master of Science in Healthcare Quality & Safety

Andrew Dayneka . . . . . Philadelphia, PA     James Shields Harrop . . . . . Moorestown, NJ  
Jeremy Michael Ellis . . . . . Sinking Spring, PA     Ashwini Sharan . . . . . Philadelphia, PA  
Charles Getz . . . . . Newtown Square, PA     Sandeep Tripathi . . . . . Edwards, IL

## Master of Science in Healthcare Quality & Safety Management

Khalid M. Azzam . . . . . Lancaster, ON     Robert M. Healy . . . . . Champaign, IL  
V. Surekha Bhamidipati . . . . . Hockessin, DE     Thomas G. Howell . . . . . Faribault, MN  
George R. Buzzas . . . . . Bend, OR     Saima Khan . . . . . Imperial, CA  
Jared Capouya . . . . . Little Rock, AR     Venkata S. Kuppala . . . . . Prospect, KY  
Arthur Lewis Childs . . . . . Cape May Court House, NJ     Lamont A. Tyler . . . . . Las Vegas, NV

## Master of Science in Population Health

Bracken Potter Babula . . . . . Conshohocken, PA     Sharon Lee Moon . . . . . Yardley, PA  
Colleen Inouye Baum . . . . . Kahului, Hawaii     Mary Stober Murray . . . . . Princeton, NJ  
Krisanna Deppen . . . . . Columbus, OH     Laura K. Shelton . . . . . Stevensville, MT  
Jose Luis Gonzalez . . . . . Fort Worth, TX     Lynette Marie Wachholz . . . . . Everett, WA  
Debra McGill . . . . . South Portland, ME



## Master of Public Health

Princess J. Adu-Bekoe . . . . . Westampton, NJ  
Masihuddin Ahmed. . . . . Lincoln, RI  
Beverly Ijeoma Anaele . . . . . Upper Marlboro, MD  
Margaret Sana Anwar . . . . . Philadelphia, PA  
Lisa Joan Armstrong-Baynard . . . . . Philadelphia, PA  
Riva Kaur Bindra . . . . . Sacramento, CA  
Chanelle Adine Campbell . . . . . Brooklyn, NY  
Asha Madhu Chintala . . . . . Colts Neck, NJ  
Lauren Elizabeth Conner . . . . . Egg Harbor Township, NJ  
Goundo Coulibaly . . . . . East Lansdowne, PA  
Avery Lin Cox . . . . . Doylestown, PA  
Jada Tyra Davis . . . . . Philadelphia, PA  
Cierrah Teresa Doran . . . . . Swedesboro, NJ  
Myles Dworkin. . . . . Bryn Mawr, PA  
Niki Elahi . . . . . New York, NY  
Joseph Michael Flaxer . . . . . Scarsdale, NY  
Alexandra Noel Greulich . . . . . West Orange, NJ  
Nichole Mary Holmes . . . . . Philadelphia, PA  
Rosemary Omonigho Iriowen . . . . . Dover, DE  
Benjamin Picard Johnson . . . . . Delran, NJ  
Andrew Mena Kamel . . . . . Denver, CO  
Priyanka Kumar . . . . . Media, PA  
Rutvin Kyada . . . . . Philadelphia, PA  
Jessica M. Lenzo. . . . . Hightstown, NJ  
Desmond Sean Paul McCaffery . . . . . Conshohocken, PA  
Binjil Dominique Mupo . . . . . Lake Worth, FL  
Nishant Chaitanya Pandya . . . . . Allentown, PA  
Purvi Jairam Parwani . . . . . Junagadh Gujarat, India  
Anna M. Petruncio Nelson. . . . . Haddon Township, PA  
Sarah Marie Pinard . . . . . Philadelphia, PA  
Nicole Jane Portman . . . . . Philadelphia, PA  
Andrew Rahe . . . . . Camden, DE  
Shivani Ramolia . . . . . Parsippany, NJ  
Alexander Jamal Carvalho Rawji . . . . . Belmont, MA  
Elizabeth Ann Redman. . . . . Kennett Square, PA  
Brendan Mark Richter . . . . . Philadelphia, PA  
Yazeed Ibrahim Shamieh . . . . . Flint, MI  
Laura Helene Slifer . . . . . Millburn, NJ  
Jacquelyn A. Smith . . . . . Williamstown, NJ  
Rachel Suzanne Song . . . . . Champaign, IL  
Simal Thind . . . . . Philadelphia, PA  
Gabrielle Alexis Tull. . . . . Howell, NJ  
Karan Varshney . . . . . Vancouver, BC  
Iordanis Zakopoulos. . . . . Xanthi, Greece  
Adam Charles Zimilover . . . . . Queens, NY  
Jonathan M. Zuckerman . . . . . Rochester, NY

# Kanbar College of Design, Engineering and Commerce

## School of Business

### Innovation Master of Business Administration

Dillon Stuart Abraham . . . . .	Diego Martin, Trinidad Tobago	Leah Esther Kaplan . . . . .	Hatfield, PA
Siddharthkumar Pravinkumar Agrawal . . . . .	Vadodara, India	Peter Joseph Kenyon . . . . .	Wayne, PA
Amanda J. Alexander . . . . .	Willow Grove, PA	Darya Kharkevich . . . . .	Marlton, NJ
Abraham Gilberto Almonte . . . . .	Danbury, CT	Monica Levins . . . . .	Norristown, PA
Da An . . . . .	Shi Jiazhuang, China	Aoran Li . . . . .	Hefei, China
Iqra Anwar . . . . .	Lahore, Pakistan	Michael Thomas Libor . . . . .	Philadelphia, PA
Tahreem Asad . . . . .	Erie, PA	Elaine Lee Luu . . . . .	Souderton, PA
Zachary Isaiah Avina . . . . .	Turlock, CA	Darcy Law Marcantonio . . . . .	East Norriton, PA
Rhonda M. Bartlett . . . . .	Philadelphia, PA	Matthew David McGee . . . . .	Forest Hill, MD
Frank Bempong Kwako . . . . .	Elkins Park, PA	Lauren Allison McGrath . . . . .	Bridgewater, NJ
Basima Beyah . . . . .	Lansdowne, PA	Jason Mark Mendez . . . . .	Port -of-Spain, Trinidad Tobago
Nicolette Brown . . . . .	Phoenixville, PA	Henia Amanda Montague . . . . .	Abington, PA
Jonathan Max Buzaglo . . . . .	Rydal, PA	Veronica Marie Montefusco . . . . .	Philadelphia, PA
Donna M. Callahan . . . . .	Medford, NJ	Eyrone Christopher Moton . . . . .	Philadelphia, PA
Julianna Christine Casasanto . . . . .	Philadelphia, PA	Guangyuan Mu . . . . .	Tianjin, China
Camryn Jade Cobette . . . . .	Philadelphia, PA	Robert Christian Nelson . . . . .	Reading, PA
Kelly Darragh Connors . . . . .	Quakertown, PA	Katie Neveil . . . . .	Philadelphia, PA
Alyssa Daniel . . . . .	Cresco, PA	Tameka Shaney Newton . . . . .	Philadelphia, PA
Shivani K. Desai . . . . .	Cherry Hill, NJ	Trish Truc Nguyen . . . . .	Harrisburg, PA
Marie Destin . . . . .	Philadelphia, PA	Oscar Nunez-Lopez . . . . .	Cape May, NJ
Scott Thomas Butler Dunbar . . . . .	Wyncote, PA	Oluwaseun Remilekun Olofinleye . . . . .	Philadelphia, PA
Ali Ibrahim El-Kerdi . . . . .	Montreal, Quebec	Steven A. Osborne . . . . .	Philadelphia, PA
Emma Rose Erato . . . . .	Warminster, PA	Michael G. Passaglia . . . . .	Oreland, PA
Hua Fan . . . . .	Beijing, China	Kiran Patil . . . . .	Bangalore, India
Jennifer Lynn Fitzgerald . . . . .	Horsham, PA	Shilpa Patil . . . . .	Exton, PA
Roderich Freiherr von Ketteler . . . . .	Kleinmachnow, Germany	Ronald S. Pellegrino . . . . .	Downingtown, PA
Tiffany Christina Gaymon . . . . .	Philadelphia, PA	Lauren Elizabeth Petruzzo . . . . .	Orlando, FL
Rebecca Lynn Hasz . . . . .	Philadelphia, PA	Ngan Thi Bich Pham . . . . .	Dak Nong, Vietnam
Adam G. Huff . . . . .	Philadelphia, PA	Jaylen K. Randolph . . . . .	Plainfield, NJ
Gaurav Kant . . . . .	New Delhi, India		

Hajra Riaz . . . . .	Lahore, Pakistan	Mohammed Tashkandi . . . . .	Hatfield, PA
Michael T. Riverso . . . . .	Philadelphia, PA	Run Tian . . . . .	Chengde, China
Patrick James Rivituso . . . . .	Fishkill, NY	Erin Marie Tinneney . . . . .	Collegeville, PA
Anthony Leonard Roberts . . . . .	Philadelphia, PA	Joel Richard Todd . . . . .	Philadelphia, PA
Jason Mario Rocha . . . . .	Huntingdon Valley, PA	Rachael Leigh Ulmer . . . . .	Philadelphia, PA
John D. Roussis . . . . .	Springfield, PA	Lucia J. Volpe . . . . .	Philadelphia, PA
Ryan Conrad Schaffer . . . . .	Audubon, NJ	Ruoxi Wang . . . . .	Beijing, China
Priyanca B. Shah . . . . .	Bear, DE	Rachael Johanna Wohl . . . . .	Voorhees, NJ
Setrag Alexan Shahikian . . . . .	Newtown Square, PA	Razmig Yeremian . . . . .	Philadelphia, PA
Jessica Shank . . . . .	Philadelphia, PA	Sara Yohannes . . . . .	Philadelphia, PA
Isabella Catherine Siravo . . . . .	Turnersville, NJ	Yinglu Zhang . . . . .	Nanyang, China
Naomi B. Stas . . . . .	Tuckerton, NJ	Chen Zhao . . . . .	King of Prussia, PA
Mykyta Svyrydov . . . . .	Lugansk, Ukraine	Peng Zhou . . . . .	Nanyang, China

### Master of Science in Global Fashion Enterprise

Lavina Arora . . . . .	Roorkee, India	Justin David Porpiglia . . . . .	Clarks Summit, PA
Hae Jin Chun . . . . .	Huntingdon Valley, PA	Simone India Sanders . . . . .	Willingboro, NJ
Jun Deng . . . . .	Guangzhou, China	Marcella V. Volini . . . . .	Chicago, IL
Kylah Elaine Freeman . . . . .	Womelsdorf, PA	Shengming Wang . . . . .	Shenyang, China
Jiaheng Li . . . . .	Hangzhou, China	Meizhen Zeng . . . . .	Chengdu, China
Kasey McIntyre . . . . .	Mechanicsburg, PA	Ruoxin Zhang . . . . .	Xiangyang, China
Steven Phillip Moore . . . . .	Philadelphia, PA	Jiaye Zheng . . . . .	Hongzhou, Zhejiang, China
Chinagorom Miyennaya Ozoemelum . . . . .	Ikeja Lagos, Nigeria		

### Master of Science in Taxation

Isaac Hayford Amedza . . . . .	Philadelphia, PA	James Alex Tunstall . . . . .	Plymouth Meeting, PA
Bibin Babu . . . . .	Cherry Hill, NJ	Chonte Vaughn . . . . .	Oreland, PA
Brian P. Galm . . . . .	Bensalem, PA	Charmian Desiree Williams . . . . .	Philadelphia, PA
Sidra M. Harrison . . . . .	Wyncote, PA	Emily Wright . . . . .	Woodlyn, PA
Regina M. Parissi . . . . .	Philadelphia, PA	Etta D. Zuagar . . . . .	Philadelphia, PA
Ivy T. Son . . . . .	Pennsauken, NJ		

## School of Design and Engineering

### Master of Science in Biopharmaceutical Process Engineering

J. Alexandria Gadberry . . . . . Little Rock, AR    Natalie Marquez-Solorzano . . . . . El Portal, CA  
Ana Judith Garcia . . . . . Castaic, CA    Yui Man Pong . . . . . San Gabriel, CA  
Esmeralda Garcia-Orosco . . . . . Ontario, CA    Yan Chun Yeoh . . . . . Penang, Malaysia  
Anupama Madaram Peddamala . . . . . San Diego, CA    Cesar Ivan Zamora Cadenas . . . . . San Francisco, CA

### Master of Science in International Fashion Design Management

Naomi Edvige Adams . . . . . Laverock, PA    Amber Lasha Sanders . . . . . Philadelphia, PA  
Brandon Tyler Edelman . . . . . Abington, PA    Carly Jordan Sutton . . . . . Newtown Square, PA  
Tanise Edwards . . . . . Philadelphia, PA    Jessica Elizabeth Sweitzer . . . . . Laurel, MD  
Teresa Marie Gugliotta-Kremer . . . . . Chicago, IL    Julia Leight Teixeira . . . . . Trumbull, CT  
Aleah Marie Rosenau . . . . . York, NE    Lanjun Zhou . . . . . Beijing, China

### Master of Science in Industrial Design

Stanley I. Barbel . . . . . St. Thomas, VI    Kawan Mustafa Raouf . . . . . Sulaymaneyah, Iraq  
Corey Jameson . . . . . Memphis, TN    Rohit Shivaji Sakegaonkar . . . . . Pune, India  
Kendra L. Jones . . . . . City, State    Audra Louise Soltis . . . . . Royersford, PA  
Delara Kiani . . . . . Isfahan, Iran    Michael V. Stankus . . . . . Bound Brook, NJ  
David Colin Lew . . . . . Columbia, MD

### Master of Science in Surface Imaging

Basil Ahmed Fayraq . . . . . Philadelphia, PA    Raashi Sudesh Raney . . . . . Ahmedabad, India  
Ezra Sastry Murududdi . . . . . Godavarikhani, India    Rachana C. Shah . . . . . Mumbai, India

## Master of Science in Textile Engineering

Natalie Burgos . . . . .Spring City, PA    Riley MacKenzie Hunt . . . . .Eagle, ID

## Master of Science in Textile Design

Hannah Katherine Beckett . . . . . The Woodlands, TX    Gabriel A. Ortiz . . . . . Des Del Campo, Puerto Rico  
Sonya Joy Borowsky . . . . . Conshohocken, PA    Jiyoung Park . . . . . Daegu, South Korea  
Lauren Catherine Brauning . . . . . Reston, VA    Emily S. Reppert . . . . . Philadelphia, PA  
Lee Benedict Jones . . . . . Frederick, MD

## Master of Science in User Experience & Interaction Design

Varun Ahir . . . . . Philadelphia, PA    Casey Kallen . . . . . Philadelphia, PA  
Ramaan N. Ansley . . . . . Philadelphia, PA    Priyanka Nishad Kuvalekar . .Pune, Maharashtra, India  
Sarah Castillo Aranda . . . . . Philadelphia, PA    Tanvi Gajanan Mahabaleshwarkar . . Philadelphia, PA  
Antonia Zambarano Brown . . . . .Austin, TX    Divya Patel . . . . . Ahmedabad, India  
Bradley J. Cooper . . . . .Cherry Hill, NJ    Andressa Porto Da Silva Gomes . Marica Rio De Janeiro, Brazil  
Fredric Vivian Van Freeman . . . . . Severn, MD    John Rodrigues . . . . .Honnavar, India  
Remi A. Gurak . . . . .Perkasie, PA    Xiaoyin Wang . . . . . HengYang, China  
Qi He . . . . . Nanjing, China    Jade Alexis Wilburn . . . . . Rochester, NY  
Bilwa Prasanna Joglekar . . . . .San Francisco, CA

# Honor Societies

## Delta Mu Delta

Delta Mu Delta is an international business honor society that recognizes and encourages academic excellence of students at qualifying colleges and universities to create a DMD community that fosters the wellbeing of its individual members and the business community. Membership in Delta Mu Delta confirms a proven track record of academic excellence, the knowledge and drive to succeed in a business career. Membership in Delta Mu Delta is the highest international recognition you can earn.

Ryan Scott Chaiken	Leah Kaplan	John Roussis
Anthony John Cosenza	Lauren A. Latzko	Nicole T Rutkowski
Daniel Dwight Darkow	Michael Thomas Libor	Sonia Saini
Jennifer L. Fitzgerald	Darcy Law Marcantonio	Raynnin E. Schreiner
Kylah Elaine Freeman	Trish Nguyen	Joel Richard Todd

## Tau Sigma Delta Society in Architecture and Allied Arts

Tau Sigma Delta, founded in 1913, includes the fields of Architecture and Landscape Architecture, Interior Design and Interior Architecture, Sustainable Design and other fields allied with Architecture. It recognizes intellectual achievement, efforts, and initiative as well as leadership and character.

### **GRADUATE INDUCTEES**

Husham Al-Naseri	Surabhi Khanderia	Juan Enrique Rosario III
Carrie Collins	Abhiri Khisty	Stuti Sampat
Sarah Farella	Niranjan Patil	

## Sigma Lambda Chi International Construction Society

The fundamental purpose of Sigma Lambda Chi is to provide recognition to outstanding students in construction curricula. Sigma Lambda Chi is the society that offers students the opportunity to be recognized locally and internationally for their academic accomplishments as a construction major.

Pratik Kataria	Akul Ketan Modi	Sabene Similien
Riya Malik	Niranjan Patil	

## Rho Chi Honor Society

The Rho Chi Society originated in the merger of two movements, both commencing in 1917, to create a national honor society for pharmacy. One started on the campus of the University of Michigan where there was a local honor society, the “Aristolochite Society,” in the Pharmaceutical Department since 1908. This group began to plan for national expansion in 1917, and it finally established a second chapter at the School of Pharmacy of the former Oregon Agricultural College in 1919; a third chapter was started at the University of Oklahoma in 1922.

A second movement, independent of the Michigan movement, was initiated earlier in 1917 by Rufus A. Lyman in his presidential address to the American Conference of Pharmaceutical Faculties. In response to his suggestion and the conscientious efforts of Professor Zada M. Cooper, it was decided to follow the progress at Michigan. In the meantime, the “Aristolochite Society” became the “Rho Chi Society” and was granted a charter by the State of Michigan on May 19, 1922. The Conference of Pharmaceutical Faculties, finding that the group met the standards that the Conference determined, extended its recognition to Rho Chi as “the Honor Society of Pharmacy.” Rho Chi determined that chapters could be established at colleges that were members of the Conference, now the American Association of Colleges of Pharmacy.

A policy of conservative expansion followed. After five years of existence, Rho Chi consisted of eight chapters; after ten years, eighteen. Thereafter, growth continued more rapidly, and by 1980, there were seventy-one active chapters. Continued growth is expected to include Canadian colleges of pharmacy.

The high standards maintained for membership in Rho Chi have resulted in recognition of the Society not only by pharmacy but also by other academic circles. Rho Chi is afforded a place in Banta’s Greek Exchange, and a sketch of the Society appears in Baird’s Manual. Since 1947, the Society has been a member of the Association of College Honor Societies.

Jefferson College of Pharmacy petitioned for membership in 2015 and was installed as the Epsilon Epsilon chapter in April 2016. Members of Rho Chi are identified in the top 20% of their class and inducted following completion of the first two years of the Doctor of Pharmacy curriculum.

John Ahn	Jessica Cunningham	Jessica Spangler
Hina Anwar	Roy Kim	Brandi Steady
Aja Badgeley	Nicole Leshko	Shannan Street
Clint Borja	Jaclyn O’Connor	
Amanda Cline	Stephanie Quist	

## 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 the

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 disciplines are

Violet	.....Architecture	Apricot	..... Nursing
White	..... Arts and Letters	Slate Blue	..... Doctor of Occupational Therapy
Tan or Drab	.....Business	Maize	..... Bachelor of Science
Light Blue	..... Education	Olive	..... Pharmacy
Teal	.....Family Therapy	Dark Blue	..... Philosophy
Green	.....Medicine	Teal	.....Physical Therapy
Plum	.....Midwifery	Salmon	.....Public Health

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





**Jefferson**  
Thomas Jefferson University