



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.

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

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|---------------------------------------|---------------------|--------------------------------|------------------|
| 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 Ancaster, 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

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|--|-------------------------------|--|---------------------------------|
| 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 | | |

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|-------------------------------------|-----------------------|--------------------------------|---------------------|
| 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 BurgosSpring City, PA Riley MacKenzie HuntEagle, ID

Master of Science in Textile Design

Hannah Katherine BeckettThe Woodlands, TX Gabriel A. OrtizDes Del Campo, Puerto Rico
Sonya Joy BorowskyConshohocken, PA Jiyoung ParkDaegu, South Korea
Lauren Catherine BrauningReston, VA Emily S. ReppertPhiladelphia, PA
Lee Benedict JonesFrederick, MD

Master of Science in User Experience & Interaction Design

Varun AhirPhiladelphia, PA Casey KallenPhiladelphia, PA
Ramaan N. AnsleyPhiladelphia, PA Priyanka Nishad Kuvalekar . .Pune, Maharashtra, India
Sarah Castillo ArandaPhiladelphia, PA Tanvi Gajanan Mahabaleshwarkar . . Philadelphia, PA
Antonia Zambarano BrownAustin, TX Divya PatelAhmedabad, India
Bradley J. CooperCherry Hill, NJ Andressa Porto Da Silva Gomes . Marica Rio De Janeiro, Brazil
Fredric Vivian Van FreemanSevern, MD John RodriguesHonnavar, India
Remi A. GurakPerkasie, PA Xiaoyin WangHengYang, China
Qi HeNanjing, China Jade Alexis WilburnRochester, NY
Bilwa Prasanna JoglekarSan 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.



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