



2025 FACULTY SYMPOSIUM

TUESDAY, **10**
FEBRUARY
2026

1-7:30 P.M.



2025
FACULTY
SYMPOSIUM

2024-2027 DISTINGUISHED UNIVERSITY PROFESSOR

Supriya Chakrabarti, *Professor, Physics & Applied Physics*

2025 MANNING PRIZE FOR TEACHING EXCELLENCE

Christa Hodapp, *former Associate Teaching Professor, Philosophy*

2025 FACULTY EXCELLENCE AWARD

Award for Excellence in Teaching by an Adjunct Faculty

John McAvoy, *Adjunct Faculty, Management, Manning School of Business*

Award for Excellence in Undergraduate Teaching

Johanna Choo, *Associate Teaching Professor, Biological Sciences, Kennedy College of Sciences*

Hannah Johnson, *Assistant Teaching Professor, Psychology, College of Fine Arts, Humanities & Social Sciences*

Award for Excellence in Graduate Teaching

Jason Rydberg, *Associate Professor, School of Criminology & Justice Studies, College of Fine Arts, Humanities & Social Sciences*

Award for Excellence in Online Teaching

Rebecca Markovits, *Assistant Teaching Professor, Psychology, College of Fine Arts, Humanities & Social Sciences*

Katherine Shrieves, *Associate Teaching Professor, English, College of Fine Arts, Humanities & Social Sciences*

Award for Excellence in Mentoring Students

Gulden Camci-Unal, *Professor, Chemical Engineering, Francis College of Engineering*

Ann-Marie Matteucci, *Associate Teaching Professor, Public Health, Zuckerberg College of Health Sciences*

Award for Excellence in Faculty Mentoring Faculty

Ann Dean, *Associate Professor, English, College of Fine Arts, Humanities & Social Sciences*

Joseph Gonzales, *Associate Professor, Psychology, College of Fine Arts, Humanities & Social Sciences*

Award For Excellence in Community Engagement

Stephanie Block, *Associate Professor, Psychology, College of Fine Arts, Humanities & Social Sciences*

NEW: PRESTIGIOUS EARLY CAREER AWARDS (FY25)

National Science Foundation CAREER Award

Alessandro Sabato, *Associate Professor, Mechanical and Industrial Engineering, Francis College of Engineering*

ORAU Ralph E. Powe Junior Faculty Enhancement Award

Anhar Bhuiyan, *Assistant Professor, Electrical and Computer Engineering, Francis College of Engineering*

FULBRIGHT SCHOLAR AWARDEES

Angela Wangari Walter, *Associate Professor, Public Health, 2025-2026, Kenya*

2025 PROMOTION AND TENURE

Applicants Promoted from Assistant Professor to Associate Professor with Tenure

Huimin Chen, *Accounting, Manning School of Business*

Katherine Flowers, *English, College of Fine Arts, Humanities & Social Sciences*

Chiara Ghezzi, *Biomedical Engineering, Francis College of Engineering*

Kshitij Jerath, *Mechanical & Industrial Engineering, Francis College of Engineering*

Hilary Lustick, *School of Education, College of Fine Arts, Humanities & Social Sciences*

Stephanie Ortiz, *Sociology, College of Fine Arts, Humanities & Social Sciences*

Serena Rajabiun, *Public Health, Zuckerberg College of Health Sciences*

Paul Robinette, *Electrical & Computer Engineering, Francis College of Engineering*

Michael Ross, *Chemistry, Kennedy College of Sciences*

Alessandro Sabato, *Mechanical & Industrial Engineering, Francis College of Engineering*

Jiabin Shen, *Psychology, College of Fine Arts, Humanities & Social Sciences*

Nichalin Summerfield, *Operations & Information Systems, Manning School of Business*

Noah Van Dam, *Mechanical & Industrial Engineering, Francis College of Engineering*

Applicants Promoted from Associate Professor to Full Professor

Alireza Amirkhizi, *Mechanical & Industrial Engineering, Francis College of Engineering*
Min Hyung Cho, *Mathematical Sciences, Kennedy College of Sciences*
Jerome Delhommelle, *Chemistry, Kennedy College of Sciences*
Amit Deokar, *Operations & Information Systems, Manning School of Business*
Comfort Enah, *School of Nursing, Zuckerberg College of Health Sciences*
Steven Freund, *Finance, Manning School of Business*
Jessica Garb, *Biological Sciences, Kennedy College of Sciences*
Murat Inalpolat, *Mechanical & Industrial Engineering, Francis College of Engineering*
Silas Laycock, *Physics & Applied Physics, Kennedy College of Sciences*
John Mack, *Mechanical & Industrial Engineering, Francis College of Engineering*
Rebecca Richards, *English, College of Fine Arts, Humanities, & Social Sciences*
Rocio Rosales, *Psychology, College of Fine Arts, Humanities & Social Sciences*
Neil Shortland, *School of Criminal Justice, College of Fine Arts, Humanities & Social Sciences*
Scott Stapleton, *Mechanical & Industrial Engineering, Francis College of Engineering*
Jenifer Whitten-Woodring, *Political Science, College of Fine Arts, Humanities & Social Sciences*
Hsi-Wu Wong, *Chemical Engineering, Francis College of Engineering*

Applicants Promoted from Untenured Associate Professor to Full Professor with Tenure

Soumita Das, *Biomedical & Nutritional Sciences, Zuckerberg College of Health Sciences*

Applicants Promoted from Associate Teaching Professor to Full Teaching Professor

Dina Bozicas, *English, College of Fine Arts, Humanities & Social Sciences*
Roser Gine, *Mathematical Sciences, Kennedy College of Sciences*
Jennifer Gonzalez-Zugasti, *Mathematical Sciences, Kennedy College of Sciences*
Javier Horta, *Biomedical & Nutritional Sciences, Zuckerberg College of Health Sciences*
Nikolay Lepeshkin, *Physics & Applied Physics, Kennedy College of Sciences*
Eric Maase, *Chemical Engineering, Francis College of Engineering*
Regina Milan, *Art & Design, College of Fine Arts, Humanities & Social Sciences*
Jill Pruett, *English, College of Fine Arts, Humanities & Social Sciences*
Theresa Schille, *Mathematical Sciences, Kennedy College of Sciences*

Applicants Promoted from Assistant Teaching Professor to Associate Teaching Professor

Tracy Michaels, *English, College of Fine Arts, Humanities, & Social Sciences*
Jean-Francois Millithaler, *Electrical & Computer Engineering, Francis College of Engineering*
Jonathan Perez de Alderete, *Mechanical & Industrial Engineering, Francis College of Engineering*
Jesus Reyes-Blanco, *Mechanical & Industrial Engineering, Francis College of Engineering*
Rachel Wakim, *Electrical & Computer Engineering, Francis College of Engineering*

NEW: FACULTY HIRES FOR ACADEMIC YEAR 2025-26

COLLEGE OF FINE ARTS, HUMANITIES & SOCIAL SCIENCES

Economics

Won Hyung Lee, *Visiting Lecturer*

School of Criminology & Justice Studies

Sarah Neville, *Visiting Lecturer*

FRANCIS COLLEGE OF ENGINEERING

Biomedical Engineering

Lara Thompson, *Professor*

Chemical Engineering

Thabit Abuqudaira, *Visiting Professor*

Electrical & Computer Engineering

Mei-Yun Lin, *Assistant Professor*

Mechanical & Industrial Engineering

Majid Ali, *Visiting Professor*

Fabio Bottalico, *Visiting Professor*

Minjeong Kim, *School of Education*

Christopher Lee, *Music*

Christine Montecillo Leider, *School of Education*

Joshua Long, *School of Criminology & Justice Studies*

Rebecca Markovits, *Psychology*

Fanhao Nie, *Sociology*

Emma Rodman, *Political Science*

Oscar Ruiz Hernandez, *World Languages & Cultures*

Ian Sexton, *Art & Design*

Christoph Strobel, *History*

KENNEDY COLLEGE OF SCIENCES

Mathematics & Statistics

Matthew Demers, *Associate Teaching Professor*

Ryan Schwarz, *Associate Teaching Professor*

Physics & Applied Physics

Christopher Groppi, *Professor & Incoming Chair*

MANNING SCHOOL OF BUSINESS

Finance

Raymond Weicker, *Instructor*

Marketing, Entrepreneurship & Innovation

Paul Buta, *Visiting Lecturer*

ZUCKERBERG COLLEGE OF HEALTH SCIENCES

Biomedical & Nutritional Sciences

Steven Van Alstine, *Visiting Assistant Professor*

Physical Therapy & Kinesiology

Rebecca Glass, *Clinical Assistant Professor*

Public Health

Abel Gyan, *Associate Teaching Professor*

FRANCIS COLLEGE OF ENGINEERING

Alireza Amirkhizi, *Mechanical & Industrial Engineering*

Bryan Black, *Biomedical Engineering*

Michael Geiger, *Electrical & Computer Engineering*

Anne Soucy, *Plastics Engineering*

Vinod Vokkarane, *Electrical & Computer Engineering*

Kari White, *Mechanical & Industrial Engineering*

Dongming Xie, *Chemical & Energy Engineering*

Xiaoqi (Jackie) Zhang, *Civil & Environmental Engineering*

KENNEDY COLLEGE OF SCIENCES

Romy Guthier, *Physics & Applied Physics*

Rick Hochberg, *Biological Sciences*

Pengyuan Liu, *Chemistry*

Khalilah Reddie, *Chemistry*

Samantha Reig, *Miner School of Computer
& Information Sciences*

Hugo Ribeiro, *Physics & Applied Physics*

Sandhya Royan, *Biological Sciences*

Thao Tran, *Mathematics & Statistics*

Johannes Weis, *Miner School of Computer
& Information Sciences*

Joy Winbourne, *Environmental, Earth &
Atmospheric Sciences*

Shiwen Zhang, *Mathematics & Statistics*

2025 FACULTY AWARDS FOR TEACHING EXCELLENCE

COLLEGE OF FINE ARTS, HUMANITIES & SOCIAL SCIENCES

Diana Archibald, *English*

Angela Callahan, *School of Criminology
& Justice Studies*

Monica Galizzi, *Economics*

James Garrison, *Philosophy*

Joseph Gonzales, *Psychology*

Milena Gueorguieva, *English*

MANNING SCHOOL OF BUSINESS

Laura Christianson, *Accounting*

Belleh Fontem, *Operations & Information Systems*

Jose Godinez, *Management*

Saira Latif, *Finance*

Yi-Cheon (Mark) Yim, *Marketing, Entrepreneurship
& Innovation*

ZUCKERBERG COLLEGE OF HEALTH SCIENCES

Dan Berlowitz, *Public Health*

Michele Fox, *Physical Therapy & Kinesiology*

Karen Hammerstone, *Biomedical
& Nutritional Sciences*

Patricia MacCulloch, *Solomont School of Nursing*

Maryum Zaidi, *Solomont School of Nursing*

NEW: EARLY IMPACT AWARDS

Junior Faculty celebrated in this year's Symposium embody the spirit of the Early Impact Awards. Through their research, teaching and service, they have made remarkable contributions that strengthen our academic community—advancing student engagement and success, mentorship, community partnerships and program innovation. Many have already taken on influential roles within their departments and across campus, and all demonstrate exceptional promise for continued impact, leadership and excellence in the years ahead.

Emily Greene-Colozzi, *Assistant Professor,
Criminology and Justice Studies*

Christine Montecillo Leider, *Assistant Professor,
School of Education*

Alison McConwell, *Assistant Professor, Philosophy*

Samantha Miadich, *Assistant Professor, Psychology*

Emma Rodman, *Assistant Professor, Political Science*

FY25 EXPENDITURES — OVER \$500,000

1. Guy DeMartinis, *Submillimeter Wave Technology Laboratory*
2. Hong Yu, *Miner School of Computer and Information Sciences*
3. David Turcotte, *Zuckerberg College Health Sciences*
4. Ramaswamy Nagarajan, *Plastics Engineering*
5. Wenjun Li, *Public Health*
6. Jonghan Kim, *Biomedical & Nutritional Sciences*
7. Ruairi O'Mahony, *Rist Institute for Sustainability and Energy*
8. Scott Stapleton, *Mechanical and Industrial Engineering*
9. Amir Ameli, *Plastics Engineering*
10. Supriya Chakrabarti, *Physics and Applied Physics*
11. Sheldon Xiaodong Zhang, *School of Criminology and Justice Studies*
12. Christopher Niezrecki, *Mechanical and Industrial Engineering*

13. Seongkyu Yoon, *Chemical Engineering*
14. James A. Sherwood, *Francis College of Engineering*
15. Hengyong Yu, *Electrical & Computer Engineering*
16. Mary Ann Picard, *Industry Partners & Economic Development*
17. Alkim Akyurtlu, *Electrical & Computer Engineering*
18. Hualiang Zhang, *Electrical & Computer Engineering*
19. Christopher Beaudoin, *Lowell Center for Space Science & Technology*
20. Dan Berlowitz, *Public Health*
21. Natalia Palacios, *Public Health*
22. Neil Shortland, *School of Criminology and Justice Studies*
23. Adam Norton, *Miner School of Computer and Information Sciences*
24. Margaret J. Sobkowicz Kline, *Plastics Engineering*
25. Alireza Vakil Amirkhizi, *Mechanical and Industrial Engineering*
26. Pengyuan Liu, *Chemistry*
27. Yuyu Sun, *Chemistry*
28. Suzanne Nobrega, *Biomedical Engineering*
29. Nouredine Melikechi, *Kennedy College of Sciences*
30. Steven F. Tello, *Marketing, Entrepreneurship and Innovation*
31. Fuqiang Liu, *Mechanical and Industrial Engineering*
32. Katherine Tucker, *Biomedical & Nutritional Sciences*
33. Joey L. Mead, *Plastics Engineering*
34. Dhimiter Bello, *Zuckerberg College Health Sciences*
35. Murat Inalpolat, *Mechanical and Industrial Engineering*
36. Gulden Camci-Unal, *Chemical Engineering*
37. Wei Guo, *Physics and Applied Physics*
38. Christine Montecillo Leider, *School of Education*
39. James F. Reuther, *Chemistry*
40. David O. Kazmer, *Plastics Engineering*
41. Christopher J. Hansen, *Mechanical and Industrial Engineering*
42. Yuanchang Xie, *Civil & Environmental Engineering*
43. Leslie Wong, *Equity and Inclusion*
44. Robin Toof, *College of Fine Arts, Humanities & Social Sciences*
45. Grace Wan-Ting Chen, *Plastics Engineering*
46. Christopher Bernard Mendillo, *Electrical & Computer Engineering*
47. Bryan O. Buchholz, *Biomedical Engineering*
48. Michael B. Ross, *Chemistry*
49. Pradeep U. Kurup, *Civil & Environmental Engineering*

BOOK AUTHORSHIPS

January 1, 2024 – December 31, 2024

College of Fine Arts, Humanities and Social Sciences

Elizabeth Bifuh-Ambe, *School of Education*

Iman C. Chahine (Co-ed), *School of Education*

Andre Dubus III, *English*

Katherine Flowers, *English*

James Garrison, *Philosophy*

John Kaag, *Philosophy*

Claire S. Lee (Co-ed), *Criminology & Justice Studies*

Christine Monticello Leider (Co-ed), *School of Education*

Joshua Long, *Criminology & Justice Studies*

Maria R. Matz (Co-ed), *World Languages & Cultures*

Megan H. Papesh (Co-ed), *Psychology*

Rebecca Richards, *English*

Jane Sancinito, *History*

Max Ubelaker Andrade (Translator),
World Languages & Cultures

Francis College of Engineering

Sukesh Aghara, *Francis College of Engineering*

Kennedy College of Sciences

Joris Roos, *Mathematics & Statistics*

Manning School of Business

Catherine Rymsha, *Management*

PUBLICATIONS

(Recognition by College)

January 1, 2024 – December 31, 2024

College of Fine Arts, Humanities and Social Sciences

Jiabin Shen, *Psychology*

Claire S. Lee, *School of Criminology & Justice Studies*

Chris Montecillo Leider, *School of Education*

Emily Greene-Colozzi, *School of Criminology
& Justice Studies*

Adam B. Lerner, *Political Science*

Francis College of Engineering

John Hunter Mack, *Mechanical
and Industrial Engineering*

Margaret J. Sobkowicz Kline, *Plastics Engineering*

Jinxiang Xi, *Biomedical Engineering*

Yuanchang Xie, *Civil and Environmental Engineering*

Seongkyu Yoon, *Chemical Engineering*

Hengyong Yu, *Electrical and Computer Engineering*

Kennedy College of Sciences

Reza Azadeh, *Minor School of Computer
& Information Sciences*

Mathew Barlow, *Environmental, Earth
& Atmospheric Sciences*

Ofer Cohen, *Physics & Applied Physics*

Daniel Glasscock, *Mathematics & Statistics*

Rachel Melamed, *Biological Sciences*

Michael Ross, *Chemistry*

Manning School of Business

Xiaobai Li, *Operations and Information Systems*

Karen Jingrong Lin, *Accounting*

Sunny Li Sun, *Marketing, Entrepreneurship
and Innovation*

Peter Tashman, *Management*

Chi Zhang, *Finance*

Zuckerberg College of Health Sciences

Dan Berlowitz, *Public Health*

Cassandra Hua, *Public Health*

Wenjun Li, *Public Health*

Kelsey Mangano, *Biomedical and Nutritional Sciences*

Sabrina Noel, *Biomedical and Nutritional Sciences*

Natalia Palacios, *Public Health*

2025 OUTSTANDING ACHIEVEMENTS IN CREATIVE WORKS

Shelley Barish, Professor, English

Work/Exhibit: Scenic design for "Trouble in Mind,"
"A Christmas Carol," "Alice By Heart" and others

Venue: Lyric Stage Company · MRT Lowell

Description: Multiple 2024 productions; regional
professional theater credits

Lanier Sammons, Associate Professor, Music
Work/Exhibit: *Live Sketches* (Mali Obomsawin et al.)

Link: [Bandcamp](#)

Description: Recording, mixing & mastering engineer; released June 28, 2024

Work/Exhibit: *Lost Horse Wash Drone* (Giacomo Fiore)

Link: [Bandcamp](#)

Description: Editing & mixing engineer; released June 21, 2024

Ingrid Hess, Associate Professor, Art & Design

Work/Exhibit: *Full of Wonder or Full of Plastic? You Decide*

Venue: Naughton Gallery @ Queen's University Belfast

Description: Solo exhibition; April 18 – May 12, 2024

Work/Exhibit: *The Detective Series (Our Five Senses)*

Venue/Link: World Scientific

Description: Five-book children's science series; 2024 copyright. Illustrator/Designer

Stephen Mishol, Associate Professor and Chair, Art & Design

Work/Exhibit: *Perception Part 1: Perceived – Look Closely. Observe. Look Again.*

Link: [Suffolk University Gallery](#)

Description: Three-person invitational exhibition; Sept. 10 – Oct. 17, 2024

FY25 COMMUNITY-ENGAGED RESEARCH AND SCHOLARSHIP FUND RECIPIENTS

PI: Mercèdes Baillargeon, *Associate Professor, World Languages and Cultures, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Suzanne Molleur Beebe, *Coordinator for Outreach, Franco-American Day Committee*

Co-PI: Carisa Kolias, *Public Services and Special Collections Archivist, University Library, UMass Lowell*

Co-PI: Anthony Sampas, *Head Archivist, University Library, UMass Lowell*

Co-PI: Nikki Tantom, *Digital Initiatives Archivist, University Library, UMass Lowell*

Project Title: The Greater Lowell Franco-American Digital Archives and Developing Participatory Archiving at UMass Lowell

PI: Amber Ruf, *Associate Professor, School of Criminology and Justice Studies, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Joselyne Chenane, *Associate Professor, School of Criminology and Justice Studies, UMass Lowell*

Co-PI: Natasha Soolkin, *Executive Director, New American Association of Massachusetts (NAAM)*

Co-PI: Amanda Sullivan, *Director, New American Association of Massachusetts (NAAM)*

Co-PI: Robai Werunga, *Assistant Professor, School of Education, UMass Lowell*

Project Title: Know Your Rights: Pedagogy for Newly Arrived Immigrants Interacting with Police

FY25 INTERNAL SEED GRANT RECIPIENTS

PI: Romy Guthier, *Assistant Professor, Physics and Applied Physics, Kennedy College of Sciences*

Co-PI: Kwok-Fan Chow, *Associate Professor, Chemistry, Kennedy College of Sciences*

Co-PI: Erno Sajo, *Professor, Physics and Applied Physics, Kennedy College of Sciences*

Project Title: Understanding Nanoparticle Dynamics to Enhance the Predictability and Efficacy of Radiotherapy

PI: Teresa Lee, *Assistant Professor, Biological Sciences, Kennedy College of Sciences*

Co-PI: Jennifer Fish, *Associate Professor, Biological Sciences, Kennedy College of Sciences*

Project Title: A translational pipeline for SATB2-associated syndrome and neurodevelopment

PI: Anita Li, *Assistant Professor, Psychology, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Rocío Rosales, *Professor, Psychology, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Hsien-Yuan Hsu, *Associate Professor, School of Education, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Yanfen Li, *Assistant Professor, Biomedical Engineering, Francis College of Engineering*

Co-PI: Robai Werunga, *Assistant Professor, School of Education, College of Fine Arts, Humanities and Social Sciences*

Project Title: Bridging Pathways: A Multidisciplinary Mentoring Program to Empower Underrepresented High School Students in Psychology, Education, and Engineering

PI: Sunny Ruggeri, *Assistant Professor, Solomont School of Nursing, Zuckerberg College of Health Sciences*

Co-PI: Cynthia Russell Lippincott, *Professor, School of Nursing and Health Studies, University of Missouri-Kansas City*

Project Title: Feasibility and Acceptability of a SystemCHANGE™ Intervention Compared to an Attention-control Educational Intervention to Improve Oral Endocrine Therapy Medication Adherence in Older Women with Breast Cancer: A Pilot Randomized Controlled Trial

PI: Jana Sladkova, *Associate Professor, Psychology, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Amber Horning Ruf, *Associate Professor, Criminology and Justice Studies, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Wilson Palacios, *Associate Professor, Criminology and Justice Studies, College of Fine Arts, Humanities and Social Sciences*

Co-PI: Maria de los Angeles Cerda Gonzalez, *Ph.D. Candidate, Global Studies, College of Fine Arts, Humanities and Social Sciences*

Project Title: Children on the move through Mexico to the US: Creating a framework to understand trafficking risks and mitigating danger

PI: Rudy Valentine, *Associate Professor, Physical Therapy and Kinesiology, Zuckerberg College of Health Sciences*

Co-PI: Fanfei Meng, *Assistant Professor, Biomedical and Nutritional Sciences, Zuckerberg College of Health Sciences*

Project Title: Nanomedicine-based metabolic therapeutics to protect against cancer cachexia

PI: Joy Winbourne, *Assistant Professor, Environmental, Earth and Atmospheric Sciences, Kennedy College of Sciences*

Co-PI: Yanfen Li, *Assistant Professor, Biomedical Engineering, Francis College of Engineering*

Project Title: Impact of sustainable mulch alternatives on plant-soil dynamics

PI: Weile Yan, *Associate Professor, Civil and Environmental Engineering, Francis College of Engineering*

Co-PI: Saifur Rahaman, *Visiting Professor, Civil and Environmental Engineering, Francis College of Engineering*

Project Title: Investigating PFAS and Fluoropolymer-based Microplastic Release from PVDF Membranes in Water Treatment Applications

Honorable Mention

PI: Matthew Gage, *Professor, Chemistry, Kennedy College of Sciences*

Co-PI: Rudy Valentine, *Associate Professor, Physical Therapy and Kinesiology, Zuckerberg College of Health Sciences*

Project Title: Validation of urinary biomarkers for assessing muscle health

FY25 RESEARCHERS AND SCHOLARS INVESTMENT (RSI) FUND RECIPIENTS

PI: Anhar Bhuiyan, *Assistant Professor, Electrical and Computer Engineering, Francis College of Engineering*

Project Title: Enhancing Thermal Management in Ga₂O₃ Devices: Direct Epitaxial Growth of Si-Doped β-Ga₂O₃ on Diamond Substrates

PI: Rodrigo Castro Cornejo, *Assistant Professor, Political Science, College of Fine Arts, Humanities and Social Sciences*

Project Title: Criminal Clientelism by Drug Cartels in Mexico

PI: Urmitapa Dutta, *Associate Professor, Psychology, College of Fine Arts, Humanities and Social Sciences*

Project Title: Citizenship in Crisis: Exploring Bureaucratic Violence and Community Resilience in Miya Communities

PI: Jennifer Fish, *Associate Professor, Biological Sciences, Kennedy College of Sciences*

Project Title: Generation of Breeding Colony of Veiled Chameleons

PI: Marie Frank, *Associate Professor, Art and Design, College of Fine Arts, Humanities and Social Sciences*

Project Title: Book Production Costs

PI: Huiqi Gan, *Associate Professor, Accounting, Manning School of Business*

Project Title: Supply Chain Risk Disclosure and Banks' Risk Perception

PI: Jose Mauricio Geleilate, *Management, Manning School of Business*

Project Title: Human-AI Interactions in the Workplace

PI: Ingrid Hess, *Associate Professor, Art and Design, College of Fine Arts, Humanities and Social Sciences*

Project Title: Notes on Nature

PI: Ann Kronrod, *Associate Professor, Marketing, Entrepreneurship and Innovation, Manning School of Business*

Project Title: How Language Can Boost or Threat Privacy and Trust

PI: Michael Wallace Millner, *Associate Professor, English, College of Fine Arts, Humanities and Social Sciences*

Project Title: From Lowell to Legend: The Visions of Kerouac Finding Aid

PI: Tamara Montag-Smit, *Assistant Professor, Management, Manning School of Business*

Project Title: Literature Review of the Effects of Remote Work

PI: Michael Obal, *Associate Professor, Marketing, Entrepreneurship and Innovation, Manning School of Business*

Co-PI: Ann Kronrod, *Associate Professor, Marketing, Entrepreneurship and Innovation*

Co-PI: Ruqqia Hassan, *Ph.D. Student, Marketing, Entrepreneurship and Innovation*

Project Title: Materialism and Technological Innovation

PI: Yuko Oda, *Associate Professor, Art and Design, College of Fine Arts, Humanities and Social Sciences*

Project Title: Shipping of Artworks in Person, and Travel to Exhibit Artwork in Sala 1, Contemporary Art Gallery in Rome, Italy, Fall 2025

PI: Hieu Phan, *Professor, Finance, Manning School of Business*

Project Title: Mitigating Climate Risks: The Role of Hedging in Financial Risk Management

PI: Kelly Socia, *Professor, School of Criminology and Justice Studies, College of Fine Arts, Humanities and Social Sciences*

Project Title: Political Rhetoric Surrounding Marijuana Policy in New Hampshire

PI: Kirsten Swenson, *Associate Professor, Art and Design, College of Fine Arts, Humanities and Social Sciences*

Project Title: Reclamations: Earthworks, Public Works, Environments

PI: Ellen Wetmore, *Professor, Art and Design, College of Fine Arts, Humanities and Social Sciences*

Project Title: A Letter From Ohrdruf

PI: Elizabeth Williams, *Associate Professor, History, College of Fine Arts, Humanities and Social Sciences*

Project Title: The Developmentalist State on the Desert's Edge: Sovereignty and the Political Economy of 'Empty Lands' in Ottoman and French Mandate Syria

FY25 COMMERCIALIZATION AND NEW VENTURE ACHIEVEMENTS

Two or More Invention Disclosures

Alkim Akyurtlu, *Electrical & Computer Engineering*

Bryan Black, *Biomedical Engineering*

Anhar Bhuiyan, *Electrical & Computer Engineering*

Fanfei Meng, *Biomedical & Nutritional Services*

Seongkyu Yoon, *Chemical Engineering*

Corey Shemelya, *Electrical & Computer Engineering*

Patents Issued

Anna Yaroslavsky, *Physics*

Boce Zhang, *Biomed & Nutritional Sciences*

Emmanouil Gkikas, *Chemistry*

Gregory Morose, *Toxics Use Reduction Institute (TURI)*

Jessica Garb, *Biological Sciences*

Mingdi Yan, *Chemistry*

Noureddine Melikechi, *Physics*
Ramaswamy Nagarajan, *Plastics Engineering*
Seongkyu Yoon, *Chemical Engineering*

Commercialization Grants

James Reuther, *Chemistry*
Yan Luo, *Electrical and Computer Engineering*
Sheree Pagsuyoin, *Civil and Environmental Engineering*

Technology Licensed

David Ryan, *Chemistry*
Christopher Niezrecki, *Mechanical and Industrial Engineering*
Alessandro Sabato, *Mechanical and Industrial Engineering*
Xingwei Wang, *Electrical & Computer Engineering*
Gregory Morose, *Toxics Use Reduction Institute*

NEW: 2025-2026 FACULTY SENATE LEADERSHIP AND COMMITTEE CHAIRS

Kevin Petersen, *Teaching Professor, English, Senate President*
Karoline Evans, *Associate Professor, Management, Senate Vice President*
Lisa Marchand, *Clinical Associate Professor, Solomont School of Nursing, Faculty Representative to the Board of Trustees*
Johanna Choo, *Associate Teaching Professor, Biological Sciences, Alternative Faculty Representative to the Board of Trustees*
Michael Geiger, *Associate Teaching Professor, Electrical & Computer Engineering, Chairperson, Undergraduate Policy Committee (UPC)*
Ryan McPherson, *Associate Teaching Professor, Electrical & Computer Engineering, Chairperson, Core Curriculum Committee (CORE)*
Noah Van Dam, *Associate Professor, Mechanical & Industrial Engineering, Chairperson, Graduate Policy and Affairs Committee (GPAC)*
Arie Perliger, *Professor, School of Criminology & Justice Studies, Chairperson, Research Production and Performance Committee (RPPC)*
Dionysios Christodouleas, *Associate Professor, Chemistry, Chairperson, Library Advisory Committee (LAC)*

2025 CORE RESEARCH FACILITIES ADVISORY COMMITTEE

Dhimiter Bello, *Associate Dean for Research and Graduate Studies and Professor, Zuckerberg College of Health Sciences*
Paul Bryce, *Associate Dean for Research and Graduate Studies and Professor, Kennedy College of Sciences*
Kim Holloway, *Associate Vice Chancellor for Research and Innovation Acceleration, Office of Research and Innovation*
Sharon-Anne Mapes, *Assistant Vice Chancellor for Financial Services and Controller, Controller's Office*
Anjana Ray, *Director of Laboratory Systems, Facilities Management*
Susan Roberts, *Dean, Francis College of Engineering*
Jason Sidman, *Executive Director, Core Research Facilities*

RESEARCH INTEGRITY COMMITTEES

Institutional Review Board (IRB)

Nicholas Evans, *Philosophy—Committee Chair*
MinJeong Kim, *School of Education*
Wilson Palacios, *School of Criminology and Justice Studies*
Paulette Renault-Caragianes, *Wellness Center*
Spencer Ross, *Marketing, Entrepreneurship, and Innovation*
Jiabin Shen, *Psychology*
Emily Sousa, *Office of Research Integrity*
Robin Toof, *Center for Community Research & Engagement*

Conflict of Interest (Col)

Sanjeev Manohar, *Chemical Engineering—Committee Chair*
Hakim Hammach, *New Ventures Development*
Natalie Houston, *English*
Ying Huang, *Marketing, Entrepreneurship, and Innovation*
Carl Lawton, *Chemical Engineering*
Xiaobai (Bob) Li, *Operations and Information Systems*
Anne Maglia, *Office of Research and Innovation*
Jeffrey Moore, *Biological Sciences*
Thomas Porro, *Office of Research Integrity*
David Ryan, *Chemistry*
Alessandro Sabato, *Mechanical Engineering*

Institutional Animal Care and Use Committee (IACUC)

Thomas Wilson, *Biomedical & Nutritional Sciences—Committee Chair*

Peter Gaines, *Biological Sciences*

Norma Levasseur, *Chemistry*

Glenn MacDonald, *Environmental Health and Safety*

Natalie Steinel, *Biological Sciences*

Institutional Biosafety Committee (IBC)

Matthew Gage, *Chemistry—Committee Chair*

Peter Gaines, *Biological Sciences*

Nancy Goodyear, *Biomedical and Nutritional Sciences*

Gui-Xin He, *Biomedical and Nutritional Sciences*

Glenn MacDonald, *Environmental Health and Safety*

Thomas Porro, *Office of Research Integrity*

Radiation Safety Committee (RSC)

Nelson Eby, *Environmental, Earth and Atmospheric Sciences—Committee Chair*

Sukesh Aghara, *Francis College of Engineering*

Erin Bertelsen, *Physics and Applied Physics*

Leo Bobek, *Radiation Laboratory*

Glenn MacDonald, *Environmental Health and Safety*

Anne Maglia, *Office of Research and Innovation*

Terrence McCarthy, *Facilities, Operations and Services*

Thomas Porro, *Office of Research Integrity*

Andrew Rogers, *Physics and Applied Physics*

Steven Snay, *Radiation Safety*

Joel Therrien, *Electrical and Computer Engineering*

Mark Tries, *Physics and Applied Physics*

Xingwei Wang, *Electrical and Computer Engineering*



FROM TORTURE TO TEACHING: MOTIVATING LEARNING THROUGH ENGAGEMENT AND ACTION

By Neil Shortland III, Ph.D.

I am not sure what the title of my op-ed was expected to be; however, I doubt many people anticipated the word “torture” appearing in it. While I am sure there are at least a few students from the past decade who would describe my 8 a.m. lectures on Forensic Psychology as torturous, the title reflects the strange source of inspiration that has always shaped my teaching philosophy.

I once worked on a project that sought to understand how to conduct interviews with “high-value detainees” such as terrorists. So how does knowing how to talk to a terrorist help me teach about terrorism? The answer lies in understanding what motivates people. In that world, the goal is to motivate people to talk. In this world, we are motivating people to listen, engage, learn — and hopefully also talk!

So here are the five pillars I use to motivate people in my classes, which happen to be the same five pillars used to train people to interrogate terrorists.

Empathy is putting ourselves in another’s shoes. The best thing we can be for our students is empathetic in the grace we offer and the support we provide. Sometimes a no-questions-asked extension and an assurance that things will be OK is precisely what a student needs.

Acceptance is the universal positive regard for all individuals. It can be as simple as maintaining the belief that “there is no such thing as a stupid question,” but it also includes accepting that not everyone will have the same level of interest in your course. For some students, what I teach may be their favorite topic ever; for others, it is simply three credits between January and May. I try to accept this reality by giving students a route to express their interests, innovation and excitement — if they so choose — while also ensuring that those who simply want to earn the grade they deserve have a straightforward path to do so.

Evocation is about drawing out how students feel and what they value. To me, it is the most important and the most challenging pillar. It requires hard work, real rapport and, often, some help from technology. In my classes, I utilize live anonymous discussion boards, questions and surveys via TopHat. This helps when discussing sensitive topics (like the effectiveness of torture in my forensic psychology class!), but it also allows me to adapt to what the class wants. It is not easy (nor always successful), but I have always viewed the metric of a good class as how many different students felt comfortable speaking their minds with honesty.

Adaptation means following the lead of students and letting them guide the direction of study. I lead independent studies in which students bring me their interests, and the challenge is in helping them figure out the best way to answer the questions that most matter to them. Some of the greatest research directions can come from students bringing new ideas in new areas, and working together to shape an answer.

Finally, **autonomy** is giving students the freedom to lead, learn and even fail. Over the past few years, I have worked with small groups of students on a program called Invent2Prevent, where their job was to design and implement their own solution to a societal problem they see. While I provide support and guidance, the students identify the problem, come up with the solution, build it — and at the end of the day, they are the ones in the community seeing if it works and trying to create change. It can be scary to balance the feeling that you are letting them “loose.” But I have never seen more growth in confidence, teamwork and independent thought.

I am sure I am far from perfect and have undoubtedly tortured my students with a lengthy (and irrelevant) anecdote or two. But I believe that the best classes will always lie ahead of me if I focus on doing these five things well — being empathetic, accepting, evocative, adaptive, and encouraging autonomy at every opportunity.

