

SEVENTY-SIXTH ANNUAL



SCHOOL OF ENGINEERING AND APPLIED SCIENCES

COMMENCEMENT

GRADUATE CEREMONY 1

Saturday

May 17, 2025

9:00 AM

Alumni Arena

North Campus

Kemper E. Lewis

Dean

Land Acknowledgment

We would like to begin by acknowledging the land on which the University at Buffalo operates, which is the territory of the Seneca Nation, a member of the Haudenosaunee/Six Nations Confederacy. This territory is covered by The Dish with One Spoon Treaty of Peace and Friendship, a pledge to peaceably share and care for the resources around the Great Lakes. It is also covered by the 1794 Treaty of Canandaigua, between the United States Government and the Six Nations Confederacy, which further affirmed Haudenosaunee land rights and sovereignty in the State of New York. Today, this region is still the home to the Haudenosaunee people, and we are grateful for the opportunity to live, work, and share ideas in this territory.



Program

Processional

Selections from Pomp and Circumstance By Edward Elgar

Opening Declaration

Rajan Batta Mace Bearer

Mace Bearer, Associate Dean for Faculty Affairs and Recognition, SUNY Distinguished Professor, Industrial and Systems Engineering

Welcome

Jeffrey R. Errington Professor and Chair, Chemical and Biological Engineering, School of Engineering and Applied Sciences

National Anthem

Julia Pitarresi BFA, Music Theatre '25

Introductions

Professor Errington

Greetings

Satish K. Tripathi University President

Remarks

Kemper E. Lewis Dean, School of Engineering and Applied Sciences

SEAS Dean's Award for Achievement

Mohan Akella, PhD ISE '05, MS ISE '03 Senior Vice President (SVP) Walmart US Omni-Channel Supply Chain Strategy and Transformation

Student Address

Esther Jose, MS '22, BS '20
PhD, Industrial and Systems Engineering '25

Conferring of Degrees

President Tripathi

Alumni Welcome

Nathaniel Bolt, BS '11 President, UB Engineering and Applied Sciences Alumni Association

Alma Mater

Julia Pitarresi

Closing Declaration

Associate Dean Batta

Recessional

Triumphal March from Aida by Giuseppe Verdi



SUNY Trustee and UB Officials

Eunice Ashman Lewin

Member of the State University of New York Board of Trustees



President and co-founder of Impacto Consulting Associates, Eunice Ashman Lewin joined the SUNY Board of Trustees in February 2010. She serves on the board's Executive Committee and co-chairs

the Student Life Committee. She also serves on the committees for academic affairs, communications and external affairs, community colleges, and academic medical centers and hospitals.

A former commissioner of the Niagara Frontier Transportation Authority, Lewin was a founding member of the Roswell Park Alliance and a board member of the Buffalo Urban League and Hispanics United of Buffalo. She is a member of the Hispanic Women's League and the Greater Buffalo Racial Equity Roundtable.

In 2024, Lewin was named chair of the Buffalo Urban League Board of Directors, dedicating herself to its mission of ensuring African Americans and others in underserved communities achieve their highest true social parity, economic self-reliance, power and civil rights.

A retired bilingual social worker for the Buffalo Board of Education, she is a champion for STEM education.

Born in Guantanamo, Cuba, Lewin immigrated to the United States with her family in 1967. She holds a bachelor's degree in sociology from Marymount Manhattan College, a master's degree in American and Puerto Rican studies, and an EdM in educational administration, both from UB.

Jerry Jacobs Jr.
Chairman of the

Chairman of the University at Buffalo Council



Jeremy "Jerry" M. Jacobs Jr. is the chief executive officer of Delaware North, a role he shares with his brothers, Lou and Charlie. He also serves as an alternate governor to the Boston Bruins.

As CEO, Jacobs oversees the company and its operating subsidiaries, focusing on strategic growth, corporate governance and financial management. He joined Delaware North in 1986 and held progressive leadership roles before becoming CEO in 2015.

Jacobs is actively involved in numerous philanthropic, civic and business organizations in Buffalo and across the country. His current board positions include The Corps Network, Mimivax and the Jacobs Institute. He is also a member of the U.S. Travel Association's CEO Roundtable and the Partnership for New York City.

Jacobs was a founding board member of Say Yes Buffalo, and he has dedicated more than two decades of service to the United Way of Buffalo and Erie County, including past chairmanships of the board of directors and the annual fundraising campaign. He is a past member of the Board of Regents at Georgetown University and past chair of the Nichols School's Board of Trustees. He also served three terms on the University at Buffalo Foundation board.

Jacobs holds an MBA from the Wharton School of Business at the University of Pennsylvania and a BA from Georgetown University.

Satish K. Tripathi

University President



An internationally distinguished researcher and higher education leader, Satish K. Tripathi, PhD, is the University at Buffalo's 15th president.

Tripathi, who served as UB's provost from 2004-

2011, was dean of the Bourns College of Engineering at the University of California, Riverside, from 1997-2004. Previously, he spent 19 years as a professor of computer science at the University of Maryland, including seven as department chair.

In 2024, Tripathi was elected to the American Academy of Arts and Sciences. A fellow of IEEE and AAAS, he has published more than 200 scholarly papers, supervised more than 30 doctoral and postdoctoral students and served on program committees of numerous international conferences.

Tripathi graduated at the top of his class from Banaras Hindu University (BHU). He holds a master's degree and doctorate in computer science from the University of Toronto, as well as master's degrees in statistics from the University of Alberta and BHU. He has received honorary doctorates from Maharaja Surajmal Brij University, the Indian Institute of Information Technology, Allahabad, and Brock University.

Tripathi co-chairs the Association of American Universities (AAU) Task Force on Expanding U.S.-India University Partnerships, serves on the College Football Playoff Board of Managers and the boards of University Innovation Alliance and Internet2. Previously, he chaired the Mid-American Conference Council of Presidents and Internet2 and served on the boards of the AAU, NCAA Division I, NCAA Board of Governors, Association of Public and Land-Grant Universities and Council for Higher Education Accreditation.

A. Scott Weber

Provost and Executive Vice President for Academic Affairs



As provost and executive vice president for academic affairs, A. Scott Weber, PhD, serves as the university's chief academic officer, providing leadership across the academic enterprise including research, scholarship and

creative activities; undergraduate, graduate, professional and international education; faculty development; inclusive excellence initiatives; and university libraries. Weber is leading the implementation of the university's vision to be recognized among the top 25 public research universities in the nation, focused on building on UB's strengths to achieve new levels of excellence in research, scholarship, education, clinical care and engagement.

A UB faculty member since 1983, Weber is an innovative scholar, teacher and former chair of UB's Department of Civil, Structural and Environmental Engineering. Prior to his appointment as provost and executive vice president for academic affairs, Weber held several other senior administrative roles at UB, including senior vice provost for academic affairs, where he was instrumental in the creation of the UB Curriculum and nationally recognized Finish in 4 program; and vice president for student life, where he focused on enhancing the student experience and promoting overall student wellness.

Weber serves on New York's Hazardous Waste Facility Siting Board for Chemical Waste Management. He is a former board member and current advisory committee member of the United Way of Buffalo and Erie County.

Weber earned bachelor's and master's of science degrees in civil engineering from Virginia Polytechnical Institute and a PhD in civil engineering from the University of California, Davis.

Kemper E. Lewis

Dean of the School of Engineering and Applied Sciences



Kemper E. Lewis, PhD, MBA, and dean of UB's School of Engineering and Applied Sciences, is a global leader in engineering design, system optimization, and advanced manufacturing. He served as chair of the

Department of Mechanical and Aerospace Engineering prior to being named dean in 2020; and was the inaugural Moog Professor of Innovation, a role he held until 2022.

Lewis is also the director of UB's Community of Excellence in Sustainable Manufacturing and Advanced Robotic Technologies (SMART), an initiative that harnesses the strengths of faculty across the university to develop advanced manufacturing and design processes, including autonomy, intelligence, and materials technologies.

He is a Fellow of the American Society of Mechanical Engineers (ASME), and has served on the National Academies Panel on Benchmarking the Research Competitiveness of the United States in Mechanical Engineering. He has published over 200 refereed journal articles and conference proceedings and has been principal or co-principal investigator on grants totaling more than \$33 million.

He has received numerous awards in recognition of his teaching and research excellence from several professional societies, including ASME, the Society of Automotive Engineers, the American Society for Engineering Education, and the American Institute of Aeronautics and Astronautics.

Lewis joined UB in 1996. He earned a BS in mechanical engineering and a BA in mathematics from Duke University, his MS and PhD in mechanical engineering from Georgia Tech, and an MBA from UB.

Dean's Award for Achievement

Dr. Akella was recognized at Graduate Ceremony 1

Mohan Akella, (PhD ISE '05, MS ISE '03) Senior Vice President (SVP) Walmart US Omni-Channel Supply Chain Strategy and Transformation



Mohan leads Walmart Centroid, the company's omni-channel operations strategy and science organization, reporting directly to the Chief Operating Officer of Walmart US. As a senior omni-channel retail supply chain executive, he has over 20 years of experience in supply chain operations, strategy, digital transformation, management consulting, product, and data science, with prior leadership roles at Apple and Deloitte Consulting.

During his 12-year tenure at Walmart, Mohan has played a key role in transforming the company's end-to-end operations. He was the chief architect of Walmart's supply chain transformation, spearheading initiatives that drove over \$20 billion in capital investments, redefining the company's logistics and last-mile delivery networks. He has led multiple strategic, product, and operations functions, including serving as the Chief Supply Chain Officer for Sam's eCommerce, where he helped scale the business and transform its fulfillment capabilities.

Mohan has deep expertise in end-to-end operations, transportation, inventory management, strategy development, industrial engineering, advanced analytics, and optimization. He holds a Doctorate and Master of Science degrees in Operations Research from the University at Buffalo and a Bachelor's in Mechanical Engineering from the Indian Institute of Technology (IIT), Madras.

Mohan lives in the San Francisco Bay Area with his wife and three children—a 15-year-old daughter and 11-year-old twin son and daughter.

Past Recipients of the Dean's Award for Achievement

1978

James W. McLernon, BS IE 1950, DocHL (Hon) 1998 President, Volkswagen Manufacturing Corporation of America

1979

Wilson Greatbatch, MS EE 1956, ScD (Hon) 1984 President, Wilson Greatbatch, Limited

1980

Paul E. Mohn
Professor Emeritus and former Dean
School of Engineering and Applied Sciences
University at Buffalo

1981

James DeSerio
President, DeSerio Engineers

1982

Martin Kasbohm
Director, Research and Development
Linde Division, Union Carbide Corporation

1083

Charles M. Fogel, BS PHY 1935 Professor and Director of Industrial Liaison School of Engineering and Applied Sciences University at Buffalo

1984

William C. Moog, Jr. Chairman and President, Moog, Incorporated

1985

Howard E. Strauss, MS ME 1954 Professor and Associate Dean School of Engineering and Applied Sciences University at Buffalo

1986

Gregory B. Jarvis, BS EE 1967, Awarded Posthumously Hughes Aircraft Company NASA Payload Specialist

1987

H. Robert Leland President, Calspan Corporation

1988

Henry P. Semmelhack President, Barrister Information Systems Corporation

1989

Gerald D. Albertson Vice-President, Linde Division, Union Carbide Corporation 1990

Ray W. Judson President, The Parsons Corporation

1991

Sol W. Weller Furnas Professor Emeritus School of Engineering and Applied Sciences University at Buffalo

1992

Lee H. Runk, BS IE 1961 President, Harvard Industries, Inc.

1993

Irving H. Shames Distinguished Teaching Professor Emeritus School of Engineering and Applied Sciences University at Buffalo

1994

Robert H. Goldsmith, BS ME 1951 Chairman, President and Chief Executive Officer Exten Industries, Inc.

1995

Hatim A. Tyabji, MS EE 1969, DocHL (Hon) 2001 Chairman, President and Chief Executive Officer VeriFone, Inc.

1996

Anthony L. Russo, PhD ME 1969
Executive Director
Calspan-University at Buffalo Research
Center (CUBRC)
Vice President
Calspan Corporation's Advanced
Technology Center

1997

Calvin C. Chien, MS CIE 1970, PhD CIE 1974 Environmental Fellow, DuPont Company

1998

Hiroshi Morihara, PhD ME 1971 Chairman and Chief Executive Officer, Peninsula Laboratories, Inc. President, Via Press, Inc. President, CGC, Inc.

1999

Eli Ruckenstein
Distinguished Professor
Department of Chemical Engineering
School of Engineering and Applied Sciences
University at Buffalo

1999

John Zahorjan, PhD IE 1974 Adjunct Professor Department of Industrial Engineering School of Engineering and Applied Sciences University at Buffalo 2000

Erich Bloch, BS EE 1952, ScD (Hon) 1985 Distinguished Fellow, Council on Competitiveness Principal, Washington Advisory Group, LLC

2001

Henry Stone, BS ME 1949 Vice President, retired, General Electric

2002

Lawrence L. Peckham, BS IE 1969 Founder, LPA Associates

2003

Hadi Makarechian, BS CIE 1972 Chairman, President and Chief Executive Officer Capital Pacific Holdings, Inc.

2004

George C. Lee Samuel P. Capen Professor of Engineering and Dean Emeritus School of Engineering and Applied Sciences University at Buffalo

2005

Steven L. Lerner Senior Vice President and Chief Technology Officer Praxair

2006

Douglas P. Taylor, BS ME 1971 President, Taylor Devices, Inc. President, Tayco Developments, Inc.

2007

Mark H. Karwan Professor and Dean Emeritus School of Engineering and Applied Sciences University at Buffalo

2008

Norman R. McCombs, BS ME 1968 Senior Vice President AirSep Corporation

2009

Gina Bronkie Hammond, MS CS 1973 Director, Computer Science Corporation's North America Public Sector, Defense Division

2010

Russell L. Agrusa, BS EE 1976 Founder, President, and Chief Executive Officer ICONICS

2011

Scott D. Stevens, PE, BS CIE 1979 Founder and Chief Executive Officer Dimension Fabricators, Inc. 2012

James P. Smist, BS CE 1980 President Dean and Company

2013

John R. "Jack" Davis, BS IE 1955 Founder and Owner I Squared R Element Company, Inc.

2014

Stephen E. Still, BS CIE 1976 Founder and Managing Director, Seabury Airline Planning Group, LLC

2015

Krishna Kolluri, MS IE 1988 General Partner New Enterprise Associates

2016

Norman Hayes, BS EE & BA CS 1980 Director of ASIC Engineering, Analog Bits

201

Ann Wegrzyn, BS IE 1985, MBA 1990 CIO, National Fuel Gas

2018

Gina Lee-Glauser, BS MAE 1982, MS MAE 1988 Vice President for Research and Scholarship, Clarkson University

2019

Jonathan Watts, P.E., BS IE 2000, BS CIE 2003 Vice President, Watts Architecture and Engineering

2020

Robert G. Harrison, P.E. BS ME Vice President Engineering and Construction Transmission Developers, Inc.

2021

John K. Schneider, PhD EE '90 Vice President of Technology for Qualcomm

2022

Dinah Gueldenpfennig Weisberg, BS '87 Chief Executive Officer and President, REDCOM Laboratories Inc.

2023

Laura J. Pyrak-Nolte, BS '81 Distinguished Professor of Physics and Astronomy, Purdue University

2024

Victor Bahl, BS EE '86, MS EE '88 Technical fellow and Chief Technology Officer of Azure for Operators in Microsoft Strategic Missions and Technologies Division

Student Speaker

Esther Jose, MS '22, BS '20 Industrial and Systems Engineering



Esther Jose of Chennai, India, graduates with a Doctorate in Industrial and Systems Engineering. She received her Bachelor of Science and Master of Science degrees in Industrial and Systems Engineering from UB in 2020 and 2022, respectively. Over her nine years at UB, Esther has consistently contributed to both the university and the broader Buffalo community. She has served

as a Resident Advisor in Governors, SEAS Tour Guide, EAS 199 Student Leader, and WiSE high school mentor, and has held leadership positions in several campus organizations, including INFORMS, IISE, SRA, and Tau Beta Pi. Esther was a finalist in the Panasci 2024 competition, completed internships at American Airlines and Buffalo Games, and will join Iowa State University as an Assistant Professor.

Alumni Speaker

Nathaniel Bolt, BS '11 President, UB Engineering and Applied Sciences Alumni Association



Nate Bolt graduated from UB in 2011 with his BS in Civil Engineering and his MBA from Niagara University in 2014. He began his career working for Turner Construction within many roles including field engineer, assistant superintendent, cost engineer and project manager. Notable projects he has been on with Turner include UB Davis Hall, Kaleida GVI, Children's Hospital of Buffalo, Niagara

Wheatfield Schools and Lockport Schools Capital Projects. Nate is now the Assistant Director of Construction Delivery for UB Facilities, a role that involves overseeing the teams of project managers, estimators and self-perform group for the majority of construction projects at all three campus locations.

He serves on multiple boards including the UB Engineering and Applied Sciences Alumni Association, Cornerstone Community Federal Credit Union Committees and the Lockport Ice Arena. Nate enjoys spending time with his wife and young daughter, attending UB Bulls games and mentoring students.



Academic Costume

The traditional costume worn at commencement exercise is a record of academic achievement of the individuals taking part. Its use, which originated at English and European universities during the twelfth and thirteenth centuries, came to the United States in 1754 with the founding of what is now Columbia University.

In 1895 the Intercollegiate Commission, a group of leading American educators, met at Columbia to draft a code which would serve to regulate the design of gowns and hoods for various degrees as well as to fix the colors that indicate the various faculties. This code has been adopted by most of the colleges and universities in America. It was revised in 1932 and again in 1959.

The level of degree held is indicated by the gown's cut. Doctoral gowns have full sleeves which are round and open. Gowns worn by bachelors have long pointed sleeves, and those worn by masters have long, closed, somewhat fuller sleeves which reach nearly to the wearer's knees. The arm goes through a slit, giving the appearance of short sleeves.

The color as well as cut of the gown varies. Although most doctoral gowns are black, in some cases their color is that of the university conferring the degree. The doctoral gown is trimmed in velvet; it has three two-inch bars on the sleeves and a five-inch border extending from the back of the neck down the two sides in front. Although usually black, the velvet may be of a color that indicates the nature of the degree. For the degree of Doctor of Philosophy, the color is dark blue, engineers may also wear orange; for Doctor of Medicine, green; for Doctor of Dentistry, lilac; for Doctor of Education, light blue; for Doctor of Science, golden yellow; for Doctor of Law, purple; for Doctor of Social Work, citron, etc. Master's and bachelor's gowns have no facing.

The hood seems to have had a more practical origin. During the Middle Ages monks wore them to protect their shaved heads in the winter and as a container in which to collect alms. It is the most significant part of the academic dress. Its shape and size indicates the degree of the wearer, the color of the velvet border indicates the academic field, and the color of the lining indicates the institution granting the degree. The bachelor's hood is three feet long and has a two-inch velvet border, the master's is three and one-half feet long and has a three-inch border, and the doctor's is four feet with a five-inch border. The State University of New York at Buffalo hood is lined with blue and gold stripes; orange signifies engineering.

The mortarboard cap has been conventionalized from the skull cap which was worn by monks of the twelfth and thirteenth centuries. The mortarboard is usually black. Tassels are worn over the left front quarter by degree holders; candidates wear the tassel over the right front quarter until the degree is conferred.

School Leadership and Distinguished Faculty

Dean

Kemper E. Lewis *Dean*

Associate Deans

Rajan Batta

Associate Dean for Faculty Affairs and Recognition, SUNY Distinguished Professor, Industrial and Systems Engineering

Lukasz Ziarek

Associate Dean for Academic Affairs, Computer Science and Engineering

Jun Zhuang

Associate Dean for Research, Industrial and Systems Engineering

Kristen R. Moore

Associate Dean for Equity and Inclusion, Engineering Education, English

Kevin M. Burke

Associate Dean for Student Affairs, Electrical Engineering

Department Chairs

Jonathan P. Bird Electrical Engineering

Francine Battaglia

Mechanical and Aerospace Engineering

David Doermann

Computer Science and Engineering

James N. Jensen
Engineering Education

Robert Dell

Industrial and Systems Engineering

Alan J. Rabideau

Civil, Structural and Environmental Engineering

Krishna Rajan

Materials Design and Innovation

Jeffrey R. Errington

Chemical and Biological Engineering

Yun Wu

Biomedical Engineering

SUNY Distinguished Professors

Stylianos T. Andreadis

Chemical and Biological Engineering

Rajan Batta

Industrial and Systems Engineering

Ann M. Bisantz

Industrial and Systems Engineering

Michel Bruneau

Civil, Structural and Environmental

Engineering

Deborah Chung

Mechanical and Aerospace Engineering

Michael C. Constantinou

Civil. Structural and Environmental

Engineering

John Crassidis

Mechanical and Aerospace Engineering

Amit Goyal

Chemical and Biological Engineering

Venugopal Govindaraju

Computer Science and Engineering

Quanxi Jia

Materials Design and Innovation

David A. Kofke

Chemical and Biological Engineering

Vladimir Mitin

Electrical Engineering

Paras Prasad

Electrical Engineering

Thomas Thundat

Chemical and Biological Engineering

Chunming Qiao

Computer Science and Engineering

Krishna Rajan

Materials Design and Innovation

Mark T. Swihart

Chemical and Biological Engineering

Andrew S. Whittaker

Civil. Structural and Environmental

Engineering

SUNY Distinguished Teaching Professors

Mark H. Karwan

Industrial and Systems Engineering

Carl R. Lund

Chemical and Biological Engineering

Joseph C. Mollendorf

Mechanical and Aerospace Engineering

Johannes M. Nitsche

Chemical and Biological Engineering

School of Engineering and Applied Sciences Dean's Advisory Council

Michael J. Cadigan*, Chair Chief Quality Officer, GlobalFoundries

Russell L. Agrusa*
Founder, President and CEO, ICONICS, Inc.
(Retired)

Betsy Bingham Vice President of Lean Operations, GE Aerospace (Retired)

Julie Cercone*

Information Security Professional – Lead

Analyst. Citi

Daniel D'Angelo, P.E.* Principal Civil Engineer, Applied Research Associates

Dennis Elsenbeck*
Head of Energy and Sustainability, Phillips
Lytle LLP Energy Consulting Services

Mark Glauser*

Professor Emeritus, Mechanical and
Aerospace Engineering, College of
Engineering and Computer Science,
Syracuse University

Karianne Gomez*
Vice President, Lead Client Partner, Genpact

Cynthia A. Hoover*
Executive Director, Linde Engineering
Americas

Rob Jacoby*

Consultant to the Energy Industry and former Enterprise Category Manager, Royal Dutch Shell

Carl Kesselman

William M. Keck Professor of Engineering, Viterbi School of Engineering, University of Southern California

Joseph F. Kessler*
Executive Vice President, Chief Operating
Officer. New York Power Authority

Anna Knight
Project Business Lead, Capital Projects at
Linde plc

Steve Krenser* CFO, Alkuri Global Acquisition Corp.

Anil Kshirsagar*

Executive Chair, CAPIOT Software, Inc.

Mike Kurdziel*

Principal Fellow and Engineering Director
for the Chief Engineering Systems and
Technology Group, L3Harris Technologies

Gina Lee-Glauser*
Vice President for Research, Syracuse
University (Retired)

Justina Nixon-Saintil
Vice President and Chief Impact Officer, IBM

Mark Santoro*

Principal Engineering Fellow, Hardware Engineering Center, Raytheon Intelligence and Space

Ashish Shah*
Vice President of Research and
Development, Viant Medical

George Small
Chief Technology Officer
Moog Inc.

Alice Smith

Joe W. Forehand/Accenture Distinguished Professor of the Industrial and Systems Engineering Department, Auburn University

Stephen E. Still*
Professor of Practice, Institute for
Sustainable Transportation and Logistics,
University at Buffalo

Subbarao Vanka*

President, NW Engineering Consultants, Inc.

Chris Wan Founder, Dyno Group Inc.

Jim Wehrfritz*
Executive, Exxon and ExxonMobil (retired)

Candace Yano
Kallbach Professor of Business
Administration, Morris Chang Chair in
Management of Technology Innovation,
University of California, Berkeley

*School alum

Candidates for Degrees

Subject to the completion of all degree requirements, degrees will be conferred as indicated upon those individuals listed herein who were identified by April 3, 2025, and upon such others as may meet the requirements of their respective degrees. Candidates are listed according to actual date of degree conferral (August 2024, February 2025, and June 2025).

Academic Recognition Items

The Blue and Gold Cord/Delta Alpha Pi Pin

This cord or pin was received by graduating members of Delta Alpha Pi, an international academic honor society for college/ university students with disabilities.

The Gold Cord

This cord is awarded to bachelors degree recipients who are graduating with Latin honors.

The Grey and Red Stole

This stole was received by students who are University Honors College graduates.

The White Stole

This stole was received by graduating members of Tau Beta Pi, an academic honor society representing the entire engineering profession.

The SUNY Chancellor's Medallion

This medallion was presented to recipients of the SUNY Chancellor's Award for Student Excellence. They were selected for this award based on their academic excellence and extracurricular involvement

The WNY Prosperity Fellowship Medallion

This medallion was received by graduating WNY Prosperity Fellows. They were selected for this fellowship based on their commitment and demonstrated potential to positively impact WNY's economic development and sustainability.

Non-Academic, University-Wide Recognition Items

The Gold and Purple Cord

This cord is being worn by graduating UB students who have served as ambassadors for Justice, Equity, Diversity, and Inclusion across the School of Engineering and Applied Sciences.

The Kente Stole

This stole was received by students who participated in UB's ALANA Celebration of Achievement which historically has honored graduating African, Latino/a, Asian and Native American students.

The Rainbow Tassel

This tassel was received by students who participated in the Lavender Ceremony, celebrating achievements of graduating students who identify with the Lesbian, Gay, Bisexual, Transgender and Queer community at UB.

The Red, White and Blue Cord

This cord is being worn by graduating UB students who are reservists, members of the National Guard, newly commissioned officers or veterans of the United States armed forces.



Master's Degrees

Recommending Candidates for Degrees

Kemper Lewis Dean

Master of Engineering in Engineering Management

August 2024

Henry Obiajuru Abaye-Sylvanus Thierry Stanley Arrieta Cespedes Gregory Auyang Abdullah Ba Basaran Rajesh Kumar Chakrapani Nick Fago Timothy Fredrick Kersten Carey Marrinan Emmanuel Ohemeng Dapaah Divisha Patel Shihan S Reza Muhammad Shabbir

February 2025

Daoyou Yao

Matthew Mark Suchyna

Charles Belfield
Joshua Davis
Brenda Itzel Hernandez Nunez
Gino Huaman Hubeck
Scott Irwin
Vincent A Macaione
Meixiang Mai
Gregory Orright
Neil Evan Parshall
Stephanie Lucille Parshall

June 2025

Maimaiti Aji Tiffani Bellanton Cameron Sunny Hall Sonia Kataria-Bathija Noah Kustyn
Louis Anthony Leone
Chris Mascolo
Wilbert Lehi Minoso
Justin Nyantakyi
Manvir Singh
Julian Stewart
Sean Liam Sullivan
Daniel P. Thornton
Manjushree Venkatamunisetty

Master of Science in Aerospace Engineering

August 2024

Seongwang Baek Ian Alan Morse Alexa Lynne O'Leary

February 2025

Connor Bakerink Chris Diotte Bharath Varma Penumatsa Robert Russell Weiler

June 2025

Kuan Ta Wu

Kaushali Aich
Vijai Budhun
Ryan Buick
Jenna Capozzi
Louis Caves
Sathwika Chittluri
Ankur Devra
Michael Govoni
Jared Christopher Himes
Nihal Reddy Katakam
Sruthi Sree Krishnaswamy Narayanan
Aaron Ted Kummer
Sydney Kwitowski
Josh Labya
Brendan Pierce Murty

Chi Nnoka Hari Kiran Rangamgari Sean P Stokes Joseph Peter Yalla Hosam Yousef

Master of Science in Biomedical Engineering

August 2024

Ada Ally Sai Lekhana Bharadwaja Aishwarya Palvai Swarnali Zafor

February 2025

Abdulrahman Mohammed A Alghamdi Chris Falcone
Laxmi Deepak Hulyalkar
Junming Li
Zihan Lin
Abigail Genevieve Lisciandro
Lauren Ashley Martinez
Nikolai Mayorov
Allie McCune
Kristina Posheluk
Jay Purnakant Shah
Kathryn E Stanley

June 2025 Quinn Bover

Jacob Michael Brooks Katie Dillon Samin Enam Liz Fonfara Justin Giannino Jacob Gilbert Devin Hudayar Toshiya Ilanchezhian Abby Kolstee Mason Lis Hannah Mwelwa Connor O'Brien Anicho Okoro

Varad Prashant Pande Zachary Pasquale Leah Patterson Allanis Persaud Wren Pfohl

Venkata Sai Kumar Pokala

Jayishnu Roy

Sankamitra Santhanakrishnan

Siavash Soheili Pavani Thadem Danielle Usinski Jenna Venturo Luke Webb Jacob Wilk Danielle Zweigle

Master of Science in Computer Science and Engineering

August 2024

Tejas Prakash Agrawal

Sravan Akula

Dhayaneshwar Balusamy Vamsi Abhiram Guru Preethi Kothuri Swetasri Mukkollu

Smarana Shrikant Pankanti

Prem Salina Diksha Saxena Hariharan Seelam

February 2025

Charuthri Abburi Dharma Acha

Mohammad Nafis Alam

Leela Srija Alla

Naga Venkata Sahithya Alla

Christo Aluckal

Anvesh Reddy Alugupally

Anirudh Anilkumar

Jayasri Appana Supraja Ashokbabu Pavani Ayanambakam Ssneha Balasubramanian Revanth Siva Sai Ram Balineni

Manoj Kumar Balla Andrew Balotin Mahitha Balumuri Radha Krishna Balusu Shirisha Reddy Bandari Adarsh Reddy Bandaru Prashanth Bandlamudi Aakanksha Reddy Bannuru Nihal Muhammed Basim Pavan Kulkarni Bedikhanna Sarvesh Bandurao Bhumkar

Srivatsa Boddu
Subba Reddy Bonthu
Hemanth Boppana
Mohith Bopparaju
Sai Harshita Boreddy
Indushree Byrareddy
Sai Abhishek Chakka
Durga Bhavani Challa
Poojitha Challa
Chandu Challagonda
Sonal Ashish Chaudhari
Krishnakumar Sangram Chavan

Adarsh Cheeti Tianye Chen Rachel Qian Cheng Yashwanth Chennu Ullas Reddy Chennuri Nisanth Chilakamarri

Srikar Chintha

Phani Visweswara Sandeep Chodavarapu

Siddharth Cilamkoti Deekshitha Devalla

Kishorkumar Devasenapathy Kusha Kumar Dharavath

Rohith Dinakaran Pravallika Dindukurthi Rajeev Sai Dindukurthy Vivian Vincent Dmello Yukti Kajal Doshi Siri Duggineni

Eklavya

Ashith Ennegadde Nithyananda Goutham Reddy Enugula Sai Muralidhar Epuru Pavan Kumar Etikala Max Farrington

Jayakrishna Goud Gandhamalla Nageshwaran Gandhiraj Naga Jaswanth Gandi

Tharun Gangaraju Akhil Chaitanya Ghanta

Vineeth Goditi Gopi Golla Varshini Golla Manaswini Gollapudi Revathi Gollapudi

Venkata Sai Swaroop Goski Venkata Phani Kumar Gottipati Pavankalyan Nayak Guguloth

Nikhil Gupta Suchit Nitin Gupta Tejas Prasad Hasabnis

Manasi Jadhav

Govinda Lahari Jagarlamudi

Akarshi Jain Siddhant Jain Naga Sreeja Jajam Vishnu Teja Jampala Vamsikrishna Jayaraman

Nikhil Lalitha Venkata Gupta Jemili

Hannah Marie Jennings

Chethan Avinash Reddy Jonnala Praneeth Kumar Kadampally

Pranath Kakekochi Puneet Kakkar

Nitheesh Kalaivani Vetriselvan

Sahana Kallem Rakesh Reddy Kanchi Shashank Reddy Kapu Surya Sumanth Karuturi Ramacharan Reddy Kasireddy

Deekshith Katker

Ashraf Ali Khaja Basheer Swapnil Ajay Khare Yukti Kholiwal

Sai Venkata Raaman Kilaru

Srija Kodakandla Chandu Kodali Uday Kiran Kodaru Bhuvanesh Kishor Kolhe Hemanth Kongara Shreya Konreddy Sachin Kumar Koppula

Likhitha Kotla Marziye Kouroshli Bhargavi Krishnamurthi Sonali Ksheer Sagar Rahul Karkala Kudva Amrut Prasad Kulkarni

Venkata Satya Koppula

Arush Kumar Kritik Kumar

Sri Sahith Reddy Kuncharam

Lakshana Kundan Sai Priyatham Kurma Charvi Kusuma Ruijun Liu

Shriganesh Siddramappa Lokapure

Vishnu Vaishnavi Maddilate Sumana Madhireddy

Manish Malepati Prasanth Manda Shuchi Mandal Devendra Mandava

Surya Pavan Kumar Marturi

Shivan Mathur

Neha Rajendra Mayekar Damodar Praharsh Medisetty

Amruta Mishra Harshdeep Mishra Rohan Mohammad

Raviteja Moolinti Nallakkagari

Ruhaizi Mopuri

Lakshmi Sanjana Motaparthi

Atharva Musale Aishwarya Muttineni Sai Deep Muvva Kishan Nagaraja

Hari Sandeep Reddy Nandyala

Charan Kumar Nara Rishitha Navuduru Debosmit Neogi

Harshavardhan Reddy Netrambaka

James Nguyen

Parth Sanjay Nimbalkar

Bohui Nong Rahul Nuthalapati

Sri Lakshmi Sahithi Pabbathi

Sai Bharath Padigala

Vamsi Kumar Naidu Pallapothula

Ashmita Pandey

Yathvik Sai Trinadh Papineni

Sandeep Paruchuri Ketaki Vinod Patil Abhijit Patra

Dheeraj Reddy Paturu Revanth Peddi Saisree Peddireddy Vijay Reddy Pininti

Sai Savithru Mohan Pishka Keshav Kumar Prabhakharan

Bhanu Prakash Gokul Pulikkal

Pravallika Pulipaka Amrutha Pullagummi Sai Yeshwanth Rachakonda Sai Varnitha Rajanala

Dhanush Babu Ramadoss Ashish Goud Ramagoni Vikramaditya Ramineni

Deekshith Sagar Rangapuram

Tarun Reddi

Sripavani Reddy Surva Kumaran Sainath

Chirayu Sanghvi Nazmus Saquib Sriian Sareen

Madhulika Shiwaji Sawant Koushik Kumar Selvakumar Shashank Shankaregowda

Akshobhya Sharma Tanmay Sharma

Parth Bhagvanbhai Shingala

Sneha Singh Soubhik Sinha Sreya Sirivella

Dharaneedharan Sivakumar

Jayant Sohane Nima Soltanieh Sai Nikhil Somepalli Yash Dattu Sonkamble Krishna Prasath Soundappan

Lakshmi Priyanka Sreeramakavacham

Sankeerth Sridhar Narayan Kishore Nithin Sridhar Saikiranmansa Sunnam

Rizwan Syed Sneha Talapala Rahul Reddy Talatala Sasank Dattu Talluri Sethu Thakkilapati Bhavesh Tharlapally Nikhil Thota

Sai Sunny Togarucheeti

Jennifer Tsang

Venkata Bhargava Reddy Vaka Varun Raj Vallioor Ramachandran Eshwar Sai Prithvi Kiran Vangala

Naga Sai Ram Vanka Sricharan Varanasi Koushik Reddy Vayalpati

Venkatakrishnan Veeraraghavan

Mohith Kumar Velaga

Teja Velicheti

HariKumar Reddy Vengi Reddy

Suvigya Vijay

Sri Sai Ashokvardhan Reddy Vippala

Venkata Sitha Madhav Vootla Vinit Sudhir Wadgaonkar Gayatri Nagesh Walke

Mayur Wanve Maihan Wen Sameer Yadav Sneha Yadav

Chaitanya Sai Chandu Yendru Chaitanya Deepak Yeole

Sai Kiran Reddy Yeruva

Wendan Zhao

June 2025

Azeez Abdul Preetham Aitha Swanith Ambadas Venkat Amballa

Sanchit Krishna Anandraj

Ram Narayanan Ananthakrishnapuram

Sampath

Shalini Ananthavel Jayalakshmi

Divija Ankam Aman Arora Goutham Balla

Hema Bokam

Shweta Ganesh Bankar Madhuri Reddy Baradi

Sonam Barnala Vamsi Krishna Bellam Manish Bikumalla Pooja Dhanaji Bodke Alexander S Bohosian

Srujan Reddy Brahmananda Reddy

Sushma Reddy Bussu Venkatesh Challagandla Aishwarya Chand Sai Chandavolu Tharun Chatteti

Mounish Naga Venkata Vign Cheethirala

Hiranmai Chennaboina Jatin Jaykumar Chhabria

Venkata Mani Sai Praneeth Chidella Lalith Adithya Chintagumpala Sai Sampath Chinthapalli Sai Deeraj Daggupati

Rahul Dasari Chris Dearing

Rohan Reddy Digava Basireddy

Brason Dobson Adarsh Doli

Jaswanth Gopi Donepudi Balakrishna Reddy Dudda

Jack Dunfey

Christopher Ryan Dushkoff Sai Lakshmi Narasimha Rao Edara

Kavya Elemati

Phani Sai Varma Gadiraju

Priyanka Garg Avush Goel

Nishanth Gopalakrishnan

Pranav Grandhe
Dinesh Gudimetla
Sputhnik Gundu

Bhanu Nikhil Guntumadugu

Pushwanth Gunturu

Sridhara Halkurike Narasimha Swamy

Minaz Mehmood Inamdar Mahidhar Reddy Indela Saketh Ram Jaladi Nithi Reddy Jangidi Chandra Kiran Jeedimalla

Praiakta Jhade

Devi Varaprasad Jonnala Satvik Jonnalagadda Narayana Anudeep Kadali

Aravind Kamalay

Sreemeghana Kambam Sreenivasulu Babu

Nehal Praveen Karumoju Leelakrishna Karuturi Akshata Gurunath Kesanur

Nawar Khouri

Sai Ganesh Kishore Babu Jaswanth Komatineni

Sarvan Naga Pavan Kondaveti

Suma Pranitha Konduru

Likhith Kongara Lokesh Konjeti Roshini Konjeti Jyoshna Koppala Sai Sohan Kosaraju Ruchitha Kota Srija Kota

Purahar Reddy Kotha

Krishnanand

Bhavani Kiran Kukunoor

Sumanth Kumar

Vamshi Krishna Kyatham

Wei-Yang Lee

Lu Li

Teertha Reddy Maddika Bhushan Mahajan Vasavi Devi Makinedi Akshay Vinayak Malse

Jai Sai Venkatesh Reddy Mandala

Mohammadanas Mansuri Namratha Medaboina Rakesh Medasani

Shraddha Meduri Kishore Surya Venkata Rohit Moganti Mohammed Faiz Nawaz Ajay Moodambikana Raja Sekhar Mora Dayoud Moradi

Sri Veerabhadra Karthik Mulugu Harshavardhan Reddy Nadedi

Venkata Satya Pavan Sai T Nalamati

Anirudh Nallana Anirudh Narkedamilly Pavanth Nimmagadda Niveditha Niveditha Vishwak Nunna

Vishnu Vardhan Reddy Palem Jeevan Kumar Reddy Palicherla Nikhita Paluru

Kushwanth Parameshwaraiah

Neel Vishnubhai Patel Stuti Sureshbhai Patel Mayur Rajendra Patil Mounish Pedagandham

Sanjana Podduturi Abhishek Podila Joshna Poluru Srihari Ponakala Ganesh Prabakaran Anand Prince Purty

Swetha Rachakonda

Aryan Rachala

Rakshith Kumar Narasimha Murth

Amrutha Varshini Ramireddy

Ritik Ranjan Rakshith Rapaka Gurleen Rekhi Anthony Roberts Vinaykumar Rudraraju Param Sagparia

Raahul Sallagunta

Nicholas Michael Salvemini

Nikhil Sanam

Arnapurna Satapathy Sudip Kumar Sengupta Sudharsan Senthil Kumar

Parag Shah

Deep Nitin Shahane

Mohammed Rishwan Shaik Appes

Nagur Basha Shaik

Zhenvi Shen

Shanthan Reddy Singadi

Radhika Singh Satvik Singh

Dhivyashree Siva Prakasam

Hariharan Sriram Uday Kiran Sriramineni Gokul Ram Subramani Priyadarshni Sundararajan

Sai Akash Sunku

Bhargav Tammineedi Sai Nikhil Tatavarthy

Shreya Thakur

Tharun Krishna Reddy Thippireddy

Rakesh Thota

Reddy Kamal Teja Thota

Rithvik Thota

Rishika Reddy Thumma

Pallavi Thupakula

Gursimrat Singh Tiwana

Satyanarayana Torati

Khansa Khanam Umar Sultan

Christopher George Varghese

Kavitha Varughese Sri Satya Venkatasai Siri Sudheeksha Vavila

Naveen Veeravalli Kiran Vemula

Senan Vidanalage De-mel

Abhinandan Vijan

Sumandhara Virupakshachar Krupa

Aakash Vydana Jackey Wang Sriman Yalavarthi Xueyi Yang

Gowtham Yarramaddi Yennam Sreya Reddy

Yuvraaj Yining Zhang

Master of Science in Engineering Education

February 2025 Walter R Hargrove

Master of Science in Industrial Engineering

August 2024 Sanjay Ganesan

Shashi Kumar Pothula

Rahul Bharadwaj Ravishankar

Poulomee Roy Xiaoyu Zhuang

February 2025

Bhavika Maheshkumar Agrawal

Shashank Andanur Suyash Rajesh Arlimar Rahul Ashok Jeyalakshmi Kanchi Naga Vardhan Badugu

Araevind Bala Murali Bhargav Sandeep Basava

Siddharth Bhukta

Sai Sri Yeswanth Boppana

Karthikvenkatasaisatyanar Chatrathi

Sai Vomanesh Chekuri Jaya Krishna Chinthakuntla

Sumanth Dadi

Swarupa Rani Danthuluri Madhukar Doppalapudi Mansi Dudhane

Elham Entezarizarch
Elison Julius Fargose

Atharva Anand Gaikwad Siddharth Ashok Gavhane

Karan Sudhakar Ghag Sriram Gopalakrishnan

Nishanth Gowda Abhishek Gulhane

Vinay Mahadev Gullapalli

Siddarth Gundrathi Subham Gupta

Tanmayi Sanjay Harip

Aseem Hill View Estate Salim Viswaksena Hotgi Ganesh

Rahul Murthy Illa

Shalaghya Rahul Jadhav Amarnath Reddy Jakkireddy Advait Dattatraya Joshi

Lohith Prasanna Teja Kakumanu

Rohith Kalasani Lasya Sri Kallam

Jithesh Bharathi Kandasamy Pavan Kumar Kannegundla Smitha Kannur Ashok

Arnab Kar

Sriharsha Kilaru Nikhil Teja Kottam Ponnarain Krishnan Ajay Kumar Kukutapu

Shreeyash Vidyadhar Kulkarni

Ved Lad

Krishna Dwaipayan Lakkaraju

Dhiraj Sanjay Landge Vishnu Vardhan Manivannan Nachiket Ramesh Marne

Chris Miklaszewski

Fareeda Banu Mohammad Gokulram Mohankumar

Khevankumar Shashikant Morawala

Tilak Sanjay Moundekar Adel Muhammed Salim Shreya Padmakar Munje

Keyur Nandedkar

Kalpesh Vishwanath Nikam Swaroop Nithyanandam

Xu Ouyang

Saikumar Pamidipati Archit Prakashbhai Patel Romin Pintubhai Patel Madhura Pradip Patil

Omkar Patil

Peruvalli Basavaraj Lasvitha Pregada

Shriram Rajalakshmi Sankaran Manigandan Ranganathan Suman Krishna Ravipati Saketh Varma Saqi

Muhammed Nabhan Sakkir Karepilakkiyi

Rishabh Niraj Salgarkar Sainadh Reddy Sathi

Sakthi Velavan Senthil Velavan

Samyak Mahavir Shah Fathima Sharsoom Jatin Ajit Shenoy Pratik Sanjay Shetiya

Nidhi Shetty

Vinay Siddesh Siddagangaiah

Alok Arvind Singh Rohit Mukund Sobale Bhavesh Srirangam Bhushan Ajit Sul

Sudharsan Sundaram Srinivasaperumal

Umakiran Ankush Takale Ajil Davies Thekkakara Nishanth Vasireddy Sneha Venkatapathy Harshal Pramod Waghmare

Avinash Yadav

June 2025

Rayhan Arafat Nandha Balamurugan Sannidhi Baljepally Harish Bejawada Ashmit P Bhardwaj

Guna Kruthik Sai Bonagiri

Arnab Chakravarty Vinaysantosh Chavvakula Saimukesh Devaraj

Vikas Dharmula

Lokesh Bhushan

Ishan Jigneshbhai Doshi

Jermaine Ewers

Alexis Gomez Hernandez

Zhi Guo

Armaan Haque

Siddharth Miteshkumar Haveliwala

Abhijeet Anand Kadam Mukul Deepak Karandikar Sai Sandeep Karri

Aravind Reddy Kondakindi

Xiaoyue Liu Ankhil Manukonda Sumanth Meela

Mohammad Abdul Azeez

Vivek Muppalla
Akshay Patel
Kalyani Reddy Poli
Kartik Repaka
Nithin Kumar Shada
Awnish Shankar
Rohan Prakash Sharma

Ashesh Lal Shrestha

Piyush Kumar Shailendra K Singh Karthikeya Manasvi Sripada

Sai Umesh Teegala

Chanakya Chowdary Uppalapati Purna Sai Sandeep Reddy Vajrala

Sai Akshita Veeraboyina Saisharan Vemula

Master of Science in Materials Design and Innovation

August 2024

Khrystyna Adam

Zubaida Thanoon Younus

February 2025

Shaon Das Felix Denkyi Xinghai Feng Dhriti Madan

Shrevas Padmanabha

Ihit Shukla Somya Verma Xuanyu Zhou Yuchen Zhu

Master of Science in Mechanical Engineering

August 2024

Aditya Satishkumar Bantwal Sampada Mahesh Khanvilkar Kolos Retfalvi Ean Weise

February 2025

Kevin Armbruster Sayed Mohammad Asif Abi Joshua George Shijing Huang Shireen Mathur Arjun Patel Shahrukh Rashid Raja Angha Sehgal Ashar Siddiqui

June 2025

Amit Kumar Bhayadia
Bhargav Chowdary Ghattamaneni
Brigid Ann Hickey
Wahidul Islam
Zach Medicis
Didi Mohan
Sean William O'Brien
Thomas Patrick O'Connor
Allen Richard Sirkin
Cameron J Smith
Samuel Smullen
Rohit Ratnakar Thakar
Jake Viertel



Doctorate Degrees

Recommending Candidates for Degrees

Kemper Lewis Dean

Doctor of Philosophy in Aerospace Engineering

August 2024 Derek Bourabah

Major Professor: Eleonora Botta

June 2025
Danielle Johnson

Major Professor: Hui Meng

Luke Joseph Miller

Major Professor: John Crassidis

Louis Anthony Rizzo

Major Professor: Javid Bayandor

Sean P Stokes

Major Professor: Javid Bayandor

Doctor of Philosophy in Biomedical Engineering

August 2024
Peizhou Huang

Major Professor: Lei Ying

Meng Hsuan Lin

Major Professor: Debanjan Sarkar

Kevin Alan McPhillips

Major Professor: Mark Ehrensberger

February 2025

Michael Herschel Udin

Major Professor: Ciprian Ionita,

Umesh Sharma

Ying Xu

Major Professor: Ruogang Zhao

June 2025

Aditya Ashok Bhosale

Major Professor: Xiaoliang Zhang

Eric Konst Marecki

Major Professor: Kwang Oh

Parmita Mondal

Major Professor: Ciprian Ionita

Kyle Williams

Major Professor: Ciprian Ionita

Emily Zheng

Major Professor: Jun Xia

Doctor of Philosophy in Computer Science and Engineering

August 2024

Md Armanuzzaman

Major Professor: Ziming Zhao

Alessandro Baccarini

Major Professor: Marina Blanton

Mihir Hemant Chauhan

Major Professor: Siwei Lyu

Souvik Das

Major Professor: Rohini Srihari

Poonam Kumari

Major Professor: Oliver Kennedy

Carl Walter Nuessle

Major Professor: Oliver Kennedy

Sean Patrick Sanders

Major Professor: Lukasz Ziarek

Minghua Wang

Major Professor: Jinhui Xu

February 2025

Seokmin Choi

Major Professor: Zhanpeng Jin

Marissa Dominijanni

Major Professor: Kenneth Regan

Dennis C Fedorishin

Major Professor: Venugopal Govindaraju

Feng Wei

Major Professor: Hongxin Hu

Yaman Yaman Kumar

Major Professor: Changyou Chen

June 2025

Jian Chen

Major Professor: Changyou Chen

Mohammad Jakir Hossain

Major Professor: A. Erdem Sariyuce

Aaron Huber

Major Professor: Oliver Kennedy

Bhavin Jawade

Major Professor: Venugopal Govindaraju

Jiyang Li

Major Professor: Zhanpeng Jin

Tianyu Luan

Major Professor: Junsong Yuan

Jason Niu

Major Professor: A. Erdem Sariyuce

Sofiya Semenova

Major Professor: Karthik Dantu

Yan Shen

Major Professor: Mingchen Gao

Nan Xi

Major Professor: Junsong Yuan

Fei Xu

Major Professor: Venugopal Govindaraju

Sudhir Kumar Reddy Yarram Major Professor: Junsong Yuan

Yuanhao Zhai

Major Professor: David Doermann,

Junsong Yuan

Doctor of Philosophy in Engineering Education

June 2025

Sean Mackay

Major Professor: Adrienne Decker

Doctor of Philosophy in Industrial Engineering

August 2024

John Becker

Major Professor: Rajan Batta

Hadi Feyzollahi

Major Professor: Jose Walteros

Jianzhou Qi

Major Professor: Jun Zhuang

February 2025

Connor Jerome Wurst

Major Professor: Huei-Yen Chen

June 2025

Esther Jose

Major Professor: Rajan Batta

Setareh Kazemi Kheiri

Major Professor: Lora Cavuoto

Svetlana Riabova

Major Professor: Jose Walteros

Doctor of Philosophy in Materials Design and Innovation

August 2024

Nicholas Gerard Cucciniello Major Professor: Quanxi Jia

Yu Fu

Maior Professor: Fei Yao

June 2025

Parth Desai

Major Professor: Olga Wodo

Prachi Garq

Major Professor: Baishakhi Mazumder

Md Tohidul Islam

Major Professor: Scott Broderick

Doctor of Philosophy in Mechanical Engineering

August 2024

Joseph Philip Distefano

Major Professor: Ehsan Tarkesh Esfahani

Youngjin Kim

Major Professor: Tarunraj Singh

Samira Safaripour Tabalvandani Major Professor: Craig Snoeyink February 2025

Prajit Krisshna Kumar

Major Professor: Souma Chowdhury

Manaswin Oddiraju

Major Professor: Souma Chowdhury

Anthony Olivett

Major Professor: Amin Karami

June 2025

Amit Kumar Bhayadia

Major Professor: Tarunraj Singh

Zachary Ryan Diermyer Major Professor: Jiaoyan Li

Don Miller

Major Professor: Francine Battaglia

Pradeep Vaghela

Major Professor: Javid Bayandor

History of the School of Engineering and Applied Sciences

In celebrating this commencement, the School of Engineering and Applied Sciences (SEAS) marks 79 years of educational and research excellence and service to the technology community, to New York State, and to society at large.

The Founding of the School of Engineering and Applied Sciences

Engineering courses were initially offered by the College of Arts and Sciences, which began granting a Certificate in Engineering in 1929. Early programs were established in engineering science, mechanical engineering, industrial engineering, and electrical engineering. Then in 1946, 100 years after the University at Buffalo was founded, the School of Engineering was established. The school was initially authorized to offer both bachelor's and master's degrees. Departments of civil engineering and chemical engineering were added in 1958 and 1961, respectively. In 1962, the university joined the State University of New York (SUNY) higher education system, and by 1967, the name of the school had been changed to the Faculty of Engineering and Applied Sciences. One year later, aerospace engineering was added, and a comprehensive engineering school was achieved. An undergraduate program in engineering physics was added in 1985, and four years later, in 1989, the unit changed its name to the School of Engineering and Applied Sciences.

In 1998, a new Department of Computer Science and Engineering was formed by merging the computer science program from the College of Arts and Sciences with the computer engineering component of the Department of Electrical and Computer Engineering in SEAS. Since that time, three new departments have been created. In 2010, a new Department of Biomedical Engineering was formed in collaboration with the Jacobs School of Medicine and Biomedical Sciences at UB. Then in 2014, a new Department of Materials Design and Innovation was established in collaboration with the College of Arts and Sciences. The newest Department of Engineering Education was established in 2018.

SEAS has come a long way since 1946, when it first held courses in the newly dedicated Karr Parker Engineering Building on South Campus. Parker Hall was immediately enlarged to accommodate traditional students and returning G.I.s intent on pursuing engineering careers after WWII. In the mid-70s to mid-80s, the school moved to five new buildings on the North Campus: Bell, Bonner, Furnas, Jarvis, and Ketter Halls. Davis Hall opened in 2011, featuring an environmentally friendly design and construction. Together, these buildings form an outstanding educational and research facility, comprising 275,000 square feet of laboratory and office space. Due to the recent growth in enrollment within SEAS, the school also occupies space in Capen Hall, Baldy Hall and Lockwood Memorial Library. To accommodate this continued growth, the school plans to construct a new \$102 million building on the North Campus that features

collaborative spaces for student clubs, maker space, and facilities that support entrepreneurism and student startups. Supported by \$68 million in funding from New York State, the new building will be an embodiment of our vision for 21st-century engineering: collaborative, innovative, entrepreneurial, and exciting.

Faculty and Leadership: A Heritage of Vision and Talent

SEAS has enjoyed consistent success, in large part, because of its leadership. Over the course of its 79 years, 13 distinguished educators have served as leaders of the school. In 1946, Paul E. Mohn became the first dean. His 13-year tenure as dean lent stability to the young school. Frederick H. Thomas served as acting dean from 1959–1960. E. Arthur Trabant was dean from 1960–1966; and Howard E. Strauss was acting dean from 1966-1967. When the Faculty of Engineering and Applied Sciences became the administrative body of engineering at the University at Buffalo, the head of the faculty was often referred to as the provost. F. Karl Willenbrock was provost from 1967–1970; Joseph Bergantz was acting provost from 1970-1971; and William Gill served as provost and dean from 1971-1977. George C. Lee took office as dean in 1978, serving in that post until 1995. In 1996, Mark H. Karwan became dean, followed by Harvey G. Stenger Jr. in 2006. Rajan Batta was the school's interim dean from 2011–2012, and in 2013, Liesl Folks joined SEAS as the school's eighth dean. Following Folks' departure in 2019. Raian Batta served the school again as interim dean until the appointment of Kemper E. Lewis as the new dean on May 1, 2020.

Our leadership and faculty realize the school's vision with the invaluable support of our dedicated staff, students, alumni, friends, and industry and corporate partners. In addition to their dedicated teaching, research, and service, the faculty, which now numbers over 250, have won prestigious awards, authored countless books and articles, and produced many patents for materials and techniques, all aiming to benefit humankind. Forty-six of our faculty have been elected as fellows of engineering professional societies and 44 are National Science Foundation Early Career Award winners. In the past three years, five of our current faculty members have been recognized as SUNY Distinguished Professors for their outstanding academic contributions, including scholarly publications, national and international research presentations, research findings, and the training of students.

Programs and Partnerships

SEAS was an early innovator in reforming the traditional preparation of engineers. The school has always valued interdisciplinary research and has structured itself to promote connections across disciplines that benefit undergraduate and graduate study, as well as to address important societal needs. SEAS is the home of such prominent interdisciplinary research and educational programs as the Biology with X-ray Free Electron Lasers (BioXFEL) Science and Technology Center; Blockchain ThinkLab; Cell, Gene and Tissue Engineering Center (CGTE); Center for Hybrid Rocket Exascale Simulation Technology (CHREST); Center for Multisource Information Fusion (CMIF); Center for Space Cyber Strategy and Cyber Security; Center for Unified Biometrics and Sensors (CUBS). Center of Excellence in Information Systems Assurance Research and Education (CEISARE); Institute for Artificial Intelligence and Data Science (IAD); Multidisciplinary Center for Earthquake Engineering Research (MCEER); and The Center for Industrial Effectiveness (TCIE).

Under UB's broad strategic initiatives, we engaged with our campus colleagues to develop research and educational programs that will have a high impact both inside and outside the university. These include the Institute of Bridge Engineering (IBE); Stephen Still Institute for Sustainable Transportation and Logistics; Sustainable Manufacturing and Advanced Robotic Technologies (SMART) Community of Excellence; Global Health Equity Community of Excellence; and the Research and Education in eNergy, Environment and Water (RENEW) Institute. Our total research expenditures for the current year were over \$110 million.

Historically, SEAS' partnership with industry has been valuable and mutually rewarding. Students benefit from the professional interactions that our experiential learning programs provide, and faculty contribute to and gain valuable perspective from industry-sponsored research. Industry partners, meanwhile, benefit from access to a talented workforce and a well-trained knowledge base that provides them with a competitive edge in research and development.

A Proud Past, A Challenging Future

The School of Engineering and Applied Sciences is a world-class institution. Today's graduates join the ranks of over 41,000 alumni who have made their mark on the discipline, both in the academic world and in industry. Graduates live in all 50 states and 70 countries around the world.

Like any great organization, the School of Engineering and Applied Sciences is continually evolving and stretching to meet new challenges. The more we achieve, the more we see there is still work to be done. We take great pride in training the next generation of engineers and applied scientists and are inspired by the challenge of delivering world-changing advances in science and technology.

To keep up to date with the school, please visit us at **engineering.buffalo.edu.**



Grace Plaza, connecting the engineering buildings

UB Engineering and Applied Sciences Alumni Association Letter

Dear Class of 2025.

Commencement is a sacred time shared across the entire University at Buffalo community. It is an important rite that recognizes and celebrates your diligent work and remarkable achievements. Most importantly, this exclusive ceremony welcomes you into the prestigious few that can call themselves University at Buffalo alumni.

This spring, perhaps your last semester here at UB, is a time you, your friends, and your families have been anticipating for many years. Good years, certainly. But difficult years too. During your time at UB, the entire world navigated a global health crisis of unprecedented magnitude. And as you exit UB, you will enter an unpredictable and uncertain world threatened by calamities known and unknown.

Yet I know that each of you is resilient and can persevere through difficulty of every magnitude. After all, you are UB engineers and computer scientists. The world looks to us to innovate, to protect, and to rebuild. And the world needs us now more than ever. For over 70 years, alumni from our School of Engineering have led the way all around the globe. Today, you join - and will improve upon - this rich tradition of excellence.

However, success cannot be your only pursuit. As alumni, we have a responsibility to mentor and guide future generations so they can boldly take up the reins of our shared legacy. That is why the University at Buffalo Engineering Alumni Association exists - to help you, our alumni, make an impact on the students that come after you. I assure you that these efforts are immensely rewarding. Do not be surprised when the students you impact in the future end up having an impact on you.

Now and in the future, I ask that you build upon our legacy. And don't lose sight of this: that you have the power to ignite meaningful change - both in the world and in the lives of our students.

So on behalf of the University at Buffalo Engineering Alumni Association, its Board of Directors, and the more than 42,000 members who have preceded you, we welcome you with open arms.

Together, we are UB.

Be bold,

Nate Bolt (BS '11, CSEE)

Vashe Bes

President, University at Buffalo Engineering Alumni Association

Graduate Student Organizations

Biomedical Engineering GSA Robert Bing, President

Chemical and Biological Engineering GSA Kaleb Friedman, President

Civil, Structural and Environmental Engineering GSA

FNU Mohammad Daud, President

Computer Science and Engineering GSA Mason Lary, President

Electrical Engineering GSA
Aarbaj Mundaganur, President

Human Factors and Ergonomics Society Zahra Vahedi, President

Materials Design and Innovation GSA Gbassey Oteme, President

Mechanical and Aerospace Engineering GSA Seyed Milad Hatamlee, President

Society for Risk Analysis Sujan Kharel, President

UB AI Mohan Teja Guddimettla, President



Rendering of Agrusa Hall, the future engineering and applied sciences building

UB Alma Mater



Music by Walter S. Goodale, MD, 1903. Lyrics adapted by UB students in 2006 for contemporary use.

Verse 1:

The pride of our spirit and tradition,
Our alma mater's truth and name declare.
Celebrate our history and wisdom,
O let us all prepare to sing her glory.

Refrain:

To Buffalo all hail to thee,
Noble and strong it's our university!
To blue and white pledge loyalty,
Singing, I will always remember thee!

Verse 2:

We'll ever keep our standards high,
And sing UB's praises to the sky.
Receiving the finest education,
Our knowledge we impart unto the nations.
(Repeat refrain)

Verse 3:

Our friends we've made with ties that bind,
A union of our spirit, heart and mind.
Together we'll continue life's journey,
O may dear Buffalo forever be.
(Repeat refrain)

UB Alumni Association Letter

Dear Member of the Class of 2025,

Congratulations! On behalf of the UB Alumni Association, I'm delighted to welcome you to your global network of more than 308,000 alumni. We're proud of all you have accomplished.

As you begin your next chapter, please stay in touch! Your alumni status opens so many opportunities to stay connected to your alma mater and fellow alumni.

What does this mean for you in practical terms? It means that you have access to career help through our virtual Connect-a-Bull platform, that you can volunteer to recruit new students or help a current student, that you can prepare for the next stage in your professional and personal journey through free webinars and our Career North professional development portal, and that you can participate in a variety of social and sporting events. To learn more about what's available with your new alumni status, visit buffalo.edu/alumni.

If you have questions about how to stay involved, contact the Office of Alumni Engagement at ub-alumni@buffalo.edu.

Remember, this isn't goodbye—it's WELCOME to the UB alumni family. We know you'll always be True Blue and proudly keep your Horns Up, wherever you go and whatever you do.

Go Bulls!

Joseph Stefko, BA '97, MA '99, PhD '03 President, UB Alumni Association Board of Directors

The UB Mace

The mace is part of the medieval traditions of the university. It was originally a weapon used to protect kings, but later became a symbol of enlightened authority.

The UB mace is designed to tell the story of UB and the Niagara Frontier. Fashioned by silversmith Hudson Roysher of Arcadia, Calif., it was used for the first time in 1962. Engraved atop a miniature walled structure representing the City of Buffalo are three arrows bound together, symbolizing the unity of UB and the city.



Other details include symbolic representations of the discovery of Lake Erie in 1669 by Joliet and early explorations by LaSalle. A crest symbolizes UB's role as a dynamic center of human growth and welfare. The motto "University and City Community" is lettered in Latin around the knob of the shaft.

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ON THE COVER:

The modern seal for the University at Buffalo harks back to a design adopted in 1923 to reflect the evolution of the university from separate schools into a more close-knit organization. Though the seal has been revised several times over the decades, the foundational elements remain: a proud bison signifying the City of Buffalo atop a shield supported by the palm leaves of victory and emblazoned with the flames of wisdom.

