



2025

UB University at Buffalo®
The State University of New York

SEVENTY-SIXTH ANNUAL



SCHOOL OF ENGINEERING AND APPLIED SCIENCES
C O M M E N C E M E N T
GRADUATE CEREMONY 2

Saturday

May 17, 2025

1:00 PM

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

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

Welcome

Lukasz Ziarek
*Associate Dean for Academic Affairs,
School of Engineering and Applied Sciences*

National Anthem

Julia Pitarresi
BFA, Music Theatre '25

Introductions

Associate Dean Ziarek

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

Collins Ugonna Lawrence
MS, Civil Engineering '25

Conferring of Degrees

President Tripathi

Alumni Welcome

*Bree Tom, MBA '17, BS CBE '17
Secretary, UB Engineering and Applied
Sciences Alumni Association*

Alma Mater

Julia Pitarresi

Closing Declaration

Professor Errington

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 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*

1983

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 <i>President, The Parsons Corporation</i>	2000 Erich Bloch, BS EE 1952, ScD (Hon) 1985 <i>Distinguished Fellow, Council on Competitiveness</i> <i>Principal, Washington Advisory Group, LLC</i>	2012 James P. Smist, BS CE 1980 <i>President</i> <i>Dean and Company</i>
1991 Sol W. Weller <i>Furnas Professor Emeritus</i> <i>School of Engineering and Applied Sciences</i> <i>University at Buffalo</i>	2001 Henry Stone, BS ME 1949 <i>Vice President, retired, General Electric</i>	2013 John R. "Jack" Davis, BS IE 1955 <i>Founder and Owner</i> <i>I Squared R Element Company, Inc.</i>
1992 Lee H. Runk, BS IE 1961 <i>President, Harvard Industries, Inc.</i>	2002 Lawrence L. Peckham, BS IE 1969 <i>Founder, LPA Associates</i>	2014 Stephen E. Still, BS CIE 1976 <i>Founder and Managing Director, Seabury</i> <i>Airline Planning Group, LLC</i>
1993 Irving H. Shames <i>Distinguished Teaching Professor Emeritus</i> <i>School of Engineering and Applied Sciences</i> <i>University at Buffalo</i>	2003 Hadi Makarechian, BS CIE 1972 <i>Chairman, President and</i> <i>Chief Executive Officer</i> <i>Capital Pacific Holdings, Inc.</i>	2015 Krishna Kolluri, MS IE 1988 <i>General Partner</i> <i>New Enterprise Associates</i>
1994 Robert H. Goldsmith, BS ME 1951 <i>Chairman, President and Chief Executive Officer</i> <i>Exten Industries, Inc.</i>	2004 George C. Lee <i>Samuel P. Capen Professor of Engineering</i> <i>and Dean Emeritus</i> <i>School of Engineering and Applied Sciences</i> <i>University at Buffalo</i>	2016 Norman Hayes, BS EE & BA CS 1980 <i>Director of ASIC Engineering, Analog Bits</i>
1995 Hatim A. Tyabji, MS EE 1969, DocHL (Hon) 2001 <i>Chairman, President and Chief Executive Officer</i> <i>VeriFone, Inc.</i>	2005 Steven L. Lerner <i>Senior Vice President and</i> <i>Chief Technology Officer Praxair</i>	2017 Ann Wegrzyn, BS IE 1985, MBA 1990 <i>CIO, National Fuel Gas</i>
1996 Anthony L. Russo, PhD ME 1969 <i>Executive Director</i> <i>Calspan-University at Buffalo Research Center (CUBRC)</i> <i>Vice President</i> <i>Calspan Corporation's Advanced Technology Center</i>	2006 Douglas P. Taylor, BS ME 1971 <i>President, Taylor Devices, Inc.</i> <i>President, Tayco Developments, Inc.</i>	2018 Gina Lee-Glauser, BS MAE 1982, MS MAE 1988 <i>Vice President for Research and Scholarship,</i> <i>Clarkson University</i>
1997 Calvin C. Chien, MS CIE 1970, PhD CIE 1974 <i>Environmental Fellow, DuPont Company</i>	2007 Mark H. Karwan <i>Professor and Dean Emeritus</i> <i>School of Engineering and Applied Sciences</i> <i>University at Buffalo</i>	2019 Jonathan Watts, P.E., BS IE 2000, BS CIE 2003 <i>Vice President, Watts Architecture and Engineering</i>
1998 Hiroshi Morihara, PhD ME 1971 <i>Chairman and Chief Executive Officer,</i> <i>Peninsula Laboratories, Inc.</i> <i>President, Via Press, Inc.</i> <i>President, CGC, Inc.</i>	2008 Norman R. McCombs, BS ME 1968 <i>Senior Vice President</i> <i>AirSep Corporation</i>	2020 Robert G. Harrison, P.E. BS ME <i>Vice President Engineering and Construction</i> <i>Transmission Developers, Inc.</i>
1999 Eli Ruckenstein <i>Distinguished Professor</i> <i>Department of Chemical Engineering</i> <i>School of Engineering and Applied Sciences</i> <i>University at Buffalo</i>	2009 Gina Bronkie Hammond, MS CS 1973 <i>Director, Computer Science Corporation's</i> <i>North America Public Sector, Defense Division</i>	2021 John K. Schneider, PhD EE '90 <i>Vice President of Technology for Qualcomm</i>
1999 John Zahorjan, PhD IE 1974 <i>Adjunct Professor</i> <i>Department of Industrial Engineering</i> <i>School of Engineering and Applied Sciences</i> <i>University at Buffalo</i>	2010 Russell L. Agrusa, BS EE 1976 <i>Founder, President, and Chief Executive Officer ICONICS</i>	2022 Dinah Gueldenpfennig Weisberg, BS '87 <i>Chief Executive Officer and President, REDCOM Laboratories Inc.</i>
	2011 Scott D. Stevens, PE, BS CIE 1979 <i>Founder and Chief Executive Officer</i> <i>Dimension Fabricators, Inc.</i>	2023 Laura J. Pyrak-Nolte, BS '81 <i>Distinguished Professor of Physics and Astronomy, Purdue University</i>
		2024 Victor Bahl, BS EE '86, MS EE '88 <i>Technical fellow and Chief Technology Officer of Azure for Operators in Microsoft Strategic Missions and Technologies Division</i>

Student Speaker

Collins Ugonna Lawrence

Civil Engineering



Collins Ugonna Lawrence is graduating with a Master of Science degree in Civil Engineering with a focus in Structural and Earthquake Engineering. He holds a bachelor's degree in civil and environmental engineering from Nnamdi Azikiwe University, Nigeria. Collins has gained professional experience through internships at the Nigerian National Petroleum Corporation

and through his national service at Baze University, Nigeria. He also worked as a trainee engineer at a telecommunications company in Nigeria and later served as a quality control engineer during the construction of Africa's deepest seaport in Lagos, an experience that inspired him to further his studies in Structural and Earthquake Engineering. Collins has volunteered with the UB–National Grid STEM Mentoring Program. He will continue his education by pursuing a second master's degree in engineering education and a Ph.D. in Structural and Earthquake Engineering at the University at Buffalo.

Alumni Speaker

Bree Tom, MBA '17, BS CBE '17

Secretary, UB Engineering and Applied Sciences Alumni Association



Bree Tom graduated from the University at Buffalo with a MBA and a BS in Chemical Engineering in 2017. Bree is currently a Sales Engineer with Harper International, selling high temperature thermal processing equipment for advanced material applications under controlled atmospheres. The key industries that she focuses on are materials for the battery

market, advanced ceramics, and carbon fiber. Bree serves on multiple boards including the UB Engineering Alumni Association, UB Alumni Association, Big Brother's Big Sister's Ambassadors Board, and the American Ceramic Society's Young Professionals Network Steering Committee. When not at work, Bree is passionate about travel, trying new recipes, and staying active.



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 Chemical Engineering

August 2024
Maryam Moghtaderi

February 2025
Greg Hawuczyk

June 2025
Ervin Coaxum
Dilip Kumar Gollamoni
Andrew Anthony Grant
Kyle Manir
Satyanarayana Reddy Marudi
Ulfath Reza
Teneja Bindu Talasila

Master of Professional Studies in Data Sciences & Applications

August 2024
Pulkit Batra
Lars Erickson
Ravi Teja Inti
Sai Vyshnavi Kona
Sweta Kumari Sweta
Arun Lampimukki
Hans Matzal
Tejesh Reddy
Diana Rodriguez
Dennis Tai
Steven Wen

February 2025
Nikhil Advani
Sourav Agrawal
Dhanush Abhiram Akalamkam

Keerthana Allam
Krishna Vamsi Reddy Ambati
Archana Badapati Hemachandra
Satya Karteek Baddukonda
Kumar Baibhav
Gauravsingh Pradeepsingh Bais
Kovidh Balusu
Shloka Hitesh Bhatt
Bhavika Bheemreddy
Charish Bhimarasetty
Sai Srikar Boddupalli
Umeshbabu Bodicherla
Indra Kiran Reddy Bonthu
Keerthi Priya Borra
Surya Prasanth Boya
Rameshwar Brahmabhatt
Bharat Maheswara Ashok Chadalawada
Guru Sai Niharika Chakali
Anika Chamoli
Manidhar Chebrolu
Vinay Chennam Setty
Spandana Chepuri
Chandrika Jyothi Chidipudi
Shiva Aditya Vardhan Chinnala
Sai Easha Chintala
Venkata Sai Geetha Chinthamreddy
Srikarreddy Chinthareddy
Akarsh Chittala
Susanna Darsi
Lalith Varma Dasararaju
Devarchana Dev Choudhury
Anirudh Devella
Ankit Dubey
Hithesh Kumar Duttuluri
Nandini Ethirajulu
Prasanth Galla
Santhi Sampath Gamidi
Sai Sathwik Gampa
Siva Kumar Ganapavarapu
Kavya Gandu
Puneeth Gattamaneni
Sai Ram Reddy Ginjala
Shivanand Reddy Gundu
Hiba Hassan

Robert Scott Horey
Meghana Hosur Nanje Gowda
Pratiksha Sanjay Jagdhane
Varshitha Jammula
Ashray Jaya Mani
Jerome Jayapal
Asima Jena
Satwik Chandra Reddy Jinna
Bharathwaz Kalamsetti
Eswar Kalimisetty
Vipin Chandra Kanchanapally
Kowshika Reddy Kandanolu
Bharath Kandanolu
Venugopal Reddy Kandhati
Nihith Nath Kandikattu
Tej Kalyan Kantreddi
Tilak Karanam
Karthik reddy Karri
Rishitha Reddy Katamareddy
Sujoy Kumar Reddy Katreddy
Keerthi Kayeethi
Hamza Mawaz Khan
Ujwala Kopparthi
Dinesh Kumar Kotha
Akshada Kulkarni
Akhil Kusam
Yu Min Lee
Lokesh Reddy Lingala
Sri Pavani Madani
Komal Krishna Maddali
Asish Venkata Durga Sitarama Madduri
Sai Deepak Madineni
Srinivas Madival
Mounika Male
Aishwarya Mandagere Udayabhanu
Yagnesh Mangali
Venkata Chennakesavarao Maram
Priya Marimuthu
Rajeev Maroju
Pravallika Modugu
Alekhya Mogathadakala
Atif Aqueeb Mohammed
Kalyan Momidi
Harika Nadimpalli

Sasidhar Reddy Nagella
 Madhuri Nagaraj Naik
 Bhanu Teja Muralidhara Nallapeta
 Manasa Nallathathagari
 Arun Sandilya Nanyam
 Naga Lakshmi Nataru
 FNU Neha
 Sankarsh Nellutla
 Meenakeshwar Rao Nidadhana
 Mahanth Odugu
 Uday Kumar Palagara
 Surya Vamsi Pamidi
 Charan Sai Pandaraboyina
 Shaivi Pandey
 Shashank Pandey
 Nithin Yadav Pandugayala
 Umakanth Pangala
 Abhinav Jitendra Patel
 Ashwini Patnamad
 Latha Paturi
 Chaitanya Krishna Peddi
 Naga Kartheek Peddisetty
 Naga Venkata Krishna Chai Peeta
 Sai Nikhitha Penugonda
 Venkat Bharadwaj Reddy Pochimireddy
 Sri Sai Gopichand Polavarapu
 Krishna Karthik Polisetty
 Bharadwaj Reddy Poluri
 Hruday Kumar Reddy Poreddy
 Chandu Pothugunta
 Sai Dinesh Rachakonda
 Vidya Lakshmi Ramani
 Gurion Ramapogu Sajeevan
 Manideep Rangineni
 Naga Jyothirmayi Rayapudi
 Vishnu Vardhan Reddy Reddivari
 Mallikarjun Reddy Reddy
 Sumanth Sadala
 Manikanta Varma Sagi
 Swetha Naidu Sakhamuri
 Ram Samineni

Rakshayaa Saravanan
 Chinmaya Lakshmi Rupa Devi Seelam
 Akash Shinde
 Vedant Shirpurkar
 Shavkat Shoniyozov
 Anusha Singamala
 Alekya Sunkara
 Manisha Sure
 Tenzin Lhakpa
 Sai Nikhil Thappetla
 Anu Thatikonda
 Jyothsna Thippaluri
 Dharma Eswar Tirumalasetti
 Mohit Vagvala
 Sai Nikhil Vallurupalli
 Tejaswi Ram Varun Varma Vanaparathi
 Neha Reddy Vanga
 Sandeep Reddy Vanipanta
 Jhansi Sai Vegesna
 Vipula Reddy Veluru
 Ravitej Reddy Venkatanarigari
 Soumya Voorugonda
 Muni Srinivasa Rohith Vungarala
 Yang Wang
 Uma Yedipala
 Veda Pranathi Yelisetti
 Sri Pavankrishna Yenugu
 Sasidhar Yepuri
 Sivaiah Naidu Yerraganti
 Sreekanth Reddy Yerramreddy
 Ruyi Zeng

June 2025

Athang Vijay Bachhav
 Yagna Reddy Badvel
 Venkata Pranav Bejagam
 Ranjith Kumar Karu
 Venkata Krishna Giri Koneru
 Nitisha Madigatla
 Nithin Mattam
 Venkata Sai Chaitanya Mediseti

Prasanna Medisetty
 Sheik Mohamed Peer Mohamed
 Surya Varma Penmetsa
 Stephen Suryapogu

Master of Science in Chemical Engineering

August 2024

Eesha Nitin Bhosale
 Manan Prakashchandra Jain
 Ritik Ravindra Konduskar
 Samuel Sandesh Kuchu
 Kyle Leatt

February 2025

Lokprakash Aravindan
 Behnam Azadpour
 Sagnik Das
 Alex Depczynski
 Ruveen Dias
 Nydhruva Jannabhatla
 Om Mahendra Korade
 Madhuvanthi Lakshmi Narayanan
 Ben Slenker

June 2025

Max Barletta
 Eduardo Andres Chacin Ruiz
 Shiwen Dong
 Asha Jyothi Gottipalli
 Chandra Lekha Jyothula
 Samanvitha S Kaashyap
 Samantha Lound
 Prithvi Sunder Manek
 Mohil Hemal Mehta
 Bharat Venkat Nannapuraju
 Murali Ganesh Peddireddy
 Dheeraj Aryan Potluri
 Md Tanben Rahman
 Naveen Robson Raja Barlow

Amandine M Tirino
Venkata Siddhartha Varma Vadlamuri
Asritha Varanasi

Master of Science in Civil Engineering

February 2025

Brandon Michael Blackmon
Ismail Gokalp Colak
Shakib Islam

June 2025

Willa B Egan
Chung Ho
Sabrina Hoque
Shihua Huang
Collins Lawrence
Dylan Leddy
Majellen Changcoco Pitcher
Dongyang Wu

Master of Science in Electrical Engineering

August 2024

Arnab Das
Wei Li

February 2025

Chetan Adhikari
Freddy Kwami Ayatey
Rohit Singh Badegharwale
Gopinath Bommisetti
Amrutha Varshini Chillarige
Shree Saaironit Garimella
Ganesh Guguloth
Ben Ip
Eunice Jang
Ravi Teja Lagadapati
Niranjan Ravikumar

Chenchu Babu Somalaraju
Sujeeth Srinivasan
Kenny Stehle
Luc Armani Telemaque
Ajay Krishnan Venkatagiri

June 2025

Kasra Borazjani
Sharon Dadala
Alex Francisco
Marcus Francisco
Christopher Herrmann
Nathan Kay
Zaw Ko
Wei Liu
Sowjanya Peetha
Matthew Ricchiazzi
Syeda Jafri Shahrin
Gaganasri Srinivasa
Jeremy Stoddard
Devyn James Szarpa
Timothy Joseph Torres
Haoyan Zhang

Master of Science in Engineering Science; Artificial Intelligence

August 2024

Jason Contreni

February 2025

Maria Nivetha Antony Pushparaj
Sai Venkata Aditya Arepalli
Abhinav Boda
Sayan Chaudhuri
Srinath Chiranjeevi
Rajib Lochan Das
Sai Satwik Dikkala
Venkata Ramana Reddy Duggempudi
Gautam Galada
Gayathri Sruthi Gannamaneni

Swetha Reddy Ganta
Shreshta Gundaju
Chandahas Reddy Gurram
Venkata Sai Vikas Katuru
Ngaiyu Lau
Shahid Mohiuddin Mohammed Khaja
Nikunj Odayoth
Praneeth Posina
Surya Suhas Reddy Sathi
Jahir Abbas Shaik
Mahammad Iqbal Shaik
S V Reddy Sheri
Anany Kumar Singh
Saran Koundinya Tummalagunta
Pranavi Sriya Vajha

June 2025

Dakshesh Gusain
Tanamai Reddy Komatireddy
Devanshi Pokalkar
Divyesh Pratap Singh
Afzal Ahammed Syed

Master of Science in Engineering Science; Clean Energy

February 2025

Dominic Michael LaVigne

Master of Science in Engineering Science; Cybersecurity

February 2025

A.S.V.Akhila Achakala
Dharshini Adimoolam
Syed Afnanuddin
Chandhren Bhoopathy
Nikhitha Evagala
Suraj Jaganathan
Sai Bhargav Menta
Rumaizi Mopuri

Selwin George Murzello
Aayush Pandey
Nishanth Pendyala
Kevin Jason Prabhuraj Prabhu
Barani Rajendran
Shreyas Ramesh
Russel Rajendra Ruma
Akshaj Shivara Madhusudhan

June 2025

Joshua Wajnryb

**Master of Science in
Engineering Science;
Data Science**

August 2024

Jason Caballes
Akhila Markunda

February 2025

Meghna Aalingil
Pavan Krishna Anagani
Anju Anand
Nagi Revanth Avulapati
Aravind Balachandran
Hemanth Basavaraj
Ruthvik Bathala
Alifiya Aziz Batterywala
Shivam Bhalla
Sai Gayathri Reddy Bhimireddy
Pavan Bhupathiraju
Lahari Bobbili
Pavan Kalyan Reddy Bodugu
Sri Charan Byreddy
Monish Chaganti
Sai Keerthi Chelluri
Chiranjeevi Chary Chennou
Manish Chetlapally
Sai Keerthana Chinthakuntla
Sarah Chothiakadavil Abraham
Nicholas Cruz
Karthik Sri Sakthi Degala
Bharadwaj Donthula
Jayanth Duppalapudi
Gokkul Eraivan Arutkani Aiyathan

Parimala Sudha Gajula
Kiran Galla
Nithish Reddy Ganji
Aman Ganta
Nikhila Garikapati
Abhiroop Ghosh
Simantini Ghosh
Guru Maheswar Reddy Gopireddy
Guru Saranya Gopireddy
Sean Grzenda
Diana Minine Gudioh
Anil Kumar Gummadidala
Uday Rohith Guntupalli
Venkata Satyavathi Gunturi
Rishi Gupta
Harzeen Afshan Harzeenafshan
Atharv Hejib
Bhavya Teja Inturi
Rekha Anvitha Inturi
Abdul Rahman Jahir Hussain
Nikhil Rao Janagama
Monika Jangam Prabhudev
Gaurav Kumar Jha
Prajakta Upendra Joshi
Likhith Juttada
Bhargav Reddy Kalali
Sai Gowtham Kalluri
Saiteja Kamini
Vaishnavi Devi Kandimalla
Tejaswini Kankanala
Rishabh Kanodiya
Dileep Kanumuri
Preethika Reddy Karra
Bhoomika Madhu Kashyap
Surya Prakash Reddy Katta
Upender Kaveti
Jathin Kolla
Sahana Kommalapati
Bhanu Vikash Konapareddygar
Sai Charitha Konda
Sai Sindhu Kosaraju
Satya Anudeep Kotaru
Dhruvit Bharat Kothari
Aneesh Krishna
Kumar Utkarsh
Ushaswi Kurmala

Mahammad Thufail
Shailesh Mahto
Vaishnavi Malalur Rajegowda
Gana Syam Reddy Mandepudi
Nithil Eshwar Mani
Narayana Marisetty
Gnaneswar Markat
Srinag Marni
Saumya Mishra
Rama Krishna Reddy Molakaseema
Sri Gayathri Sahithi Morapakala
Touqeer Abdur Rahim Mulla
Bhuvaneswari Mullangi
Abhiram Yadav Myla
Venkata Gayathri Satwik Mylavarapu
Deepak Nallapaneni
Mahesh Reddy Nallapu
Karthik Narsipuram
Aishwarya Nayak
Abhinav Nehra
Saran Kumar Reddy Palle
Praneeth Reddy Palleti Venkata
Snigdha Anirudha Pandit
Nischitha Rao Parikipandla
Venkata Sai Sunil Bhattar Paruchuri
Akash Rajeshkumar Patel
Anuja Bipin Patil
Prachi Vijay Patil
Priya Ramesh Patil
Sai Krishna Pavishetti
Sriman Reddy Pingili
Pranav Polavarapu
Akash Ponduru
Manohar Potru
Teja Sri Venkata Satya Sai Potru
Ranadeep Mahendra Prathapagiri
Sai Shirini Prathigadapa
Nikhita Pulivarthi
Sai Shanmukh Puppala
Nadeem Qureshi
Akhila Rachuri
Karthika Rajan Nair
Shivaramakrishnan Rajendran
Jagadish Chandra Ramakurthi
Vishal Srinivas Ramesh
Harin Rishabh

Sai Harshavardhan Rudra
Srinwanti Sarkar
Arya Namit Satam
Arvind Prashanth Sathish Kumar
Justin Seale
Adhyatma Surendra Sharma
Abhishek Kumar Singh
Devansh Pratap Singh
Gowtham Sivaraman
Dhanush Roy Soma
Krishna Sonji
Sanjana Sunchu
Anand Suresh
Sai Krishna Tammani
Suhas Tatavarthi
Kshitij Thakur
Jay Yogesh Thanki
Jaswanth Tiruveedhula
Anusha Udayakumar
Pavan Venkata Ramana Vadlamudi
Leela Ramakrishna Vattikuti
Rama Lahari Vedala
Sathwik Veeraiah Udgimath
Lokesh Velmurugan Sujatha
Sri Bhargav Ventrappagada
Manjush Venuthurumilli
Ajay Vijayakumar
Sai Koushik Vimmadisetty
Vinaya Santhosh Kumar
Shreyas Dattatray Waikar
Mani Sai Suhith Yalla
Lokesh Yama Bondili
Nikhil Raj Yammani
Chandravardhan Reddy Yanamala
Priya Varma Y Yellamraju

June 2025

Gowthami Abbaraju
Afreem
Sainath Aittla
Jasmitha Sri Akurathi
Tarun Ambaldhage
Rakesh Nandan Anantharam
Jasmitha Ankena Pally
Navaneeth Arumugam
Sahithya Arveti Nagaraju

Harin Avvari
Shivani Bandari
Vasu Krishna Bandike
Abhishek Banerjee
Vaibhav Bansal
Sudheer Kumar Reddy Batthina
Jahnavi Pravaleeka Battu
Sree Charan Battula
Luke Baylon
Bindu Priya Bayyatham
Liam Bench
Rishi Shanthan Bhagavatham
Praneeth Bhojanala
Samidha Bhosale
Archanakumaree Dineshbhai Bhusara
Madhu Vamshi Boga
Kotesch Babu Bommana
Divyakanth Reddy Buchupalle
Rishitha Reddy Buddala
Shuvam Chatterjee
Kartikesh Chatti
Mohammed Junaid Chinnakotla
Bhavana Chinnamgari
Pranavi Chintala
Santoshi Reddy Chintala
Saahithi Chippa
Tejaswini Chowdam Nallagondappa Gari
Nachiket Shyam Dabhade
Amulya Reddy Datla
Venkata Sai Bhargav Dhara
Meher Dhavala
Valencia Vincent Dmello
Puneetha Doddaga
Gautam Krishna Dwaraka Bhamidipati
Farahath Tabassum
Abhiram Gadapa
Sri Naga Charan Gampala
Prem Kumar Garikapati
Jagruthi Reddy Ghanapati
Taranveer Singh Gill
Rithwik Gilla
Nikhil Gokhale
Hima Vamsi Gonuguntla
Deeshma Lavanya Gorrela
Mohan Teja Guddimetla
Manasa Lakshmi Gunampalli

Shreyansh Jain
Devi Deepshikha Jami
Pavan Sai Kakarla
Dishank Jagadeeshnaidu Karampudi
Mounika Reddy Katikam Venkata
Ilakiya Kavitha Ravichandran
Bindu Sree Kavuru
Kousalya Kethavath
Charishma Kethineedi
Krishna Sai Koduru
Nagarjuna Kogilu Nagendra Kumar
Tej Kolpek
Chaitanya Krishna Kommineni
Sesha Sai Sri Mukhesh Koripalli
Keerthi Kota
Varun Kumar Kota
Prateek Lokesh Kumbar
Aditya Sri Vatsav Lolla
Nihar Madasu
Sai Ram Maganti
Binduja Malempati
Sushmitha Manjunatha
Rahul Mannadiar
Lakshmi Mounika Masimukku
Sampath Matha
Prudhvi Krishna Menavalli
Gouri Ramdas Menon
Tharun Teja Mogili
Sashanka Mouli Mulugu
Swarupa Murala
Tarun Kumar Reddy Nallagari
Sai Deepak Reddy Nareddy Narayanareddy
Balaji Nissenkarao
Pavan Pajjuri
Ashutosh Panigrahi
Mounika Pasupuleti
Vinay Pathuri
Ashwini Patil
Veman Jagannath Patil
Wanshika Patro
Harshal Valmik Pawar
Pratiksha Rajendra Pawar
Shreyas Peddireddy
Venkata Krishna Reddy Peddireddy
Arunkarthik Periyaswamy

Balaphani Krishna Poddar
 Prithviraaj Prithviraaj
 Ushaswini Punna
 Sneha Pydipati
 shivangi Rai
 Sai Arpitha Ramesh
 Sai Snehitha Ramisetty
 Devendra Rana
 Bhavitha Rapolu
 Dheeraj Reddy Reddygari
 Jose Reyes
 Sri Nikitha Sarikonda
 Areef Shaik
 Jafeeza Shaik
 Atul Sharma
 Thanmaya Sri Sigireddi
 Vineet Sreeram
 Lalithya Suraneni
 Hemanth Naga Pavan Kumar Swarna
 Chaitali Rajulkumar Thakkar
 Vignesh Thalur Jayachandraku
 Rohan Shrikant Thorat
 Joshitha Sai Uppalapati
 Sai Venkata Nimish Vadlamudi
 Sai Krishna Goud Valdas
 Nimeesha Valluru
 Prathamesh Ravindra Varhadpande
 Divija Vasagiri
 Sai Kalyan Veera
 Bhavani Rohan Nag Vuppala
 Prathibha Vuyyala
 Yiyuan Wang
 Kousik Kalyan Guptha Yakkali

**Master of Science in
 Engineering Science;
 Engineering Sustainability**

August 2024
 Rufus Hanh Nguyen-McDowell
 Aliana Wolf

February 2025
 Gabriel Francis Ryan
 Matt Tullo

June 2025
 Milagros Buschfrers
 Joseph Vincent Cortez
 Alexis Marie Giordano
 Dmitriy Sokolov
 Sean Stanton
 Zedechiah Tingiechieh

**Master of Science in
 Engineering Science;
 Internet of Things**

August 2024
 Vennela Avula

February 2025
 Karthik Chitrapu
 Rishitha Babitha Shekhar Konaje
 Hena Sannuthi Kuchu
 Rishang Prashnani
 Vamsi Sasi Dharani Sureddy
 Prasanth Varma Vegesna

June 2025
 Ankitha Bantumalli

**Master of Science in
 Engineering Science; Robotics**

August 2024
 Harsh Vardhan Gupta
 Shubhrika Maurya
 Ashutosh Panpalia

February 2025
 Aravind Reddy Ankireddy
 Atharv Arya
 Nihar Prakash Asare
 Karthik Pavan Chowdary Bobba
 Christian Brazeau
 Dhamodar Burla
 Prithvi Riteshbhai Chauhan
 Chellappan Chellappan
 Sean Courtney
 Shubham Deomane
 Vinod Nayak Devavath

Sushma Reddy Garlapati
 Hemanth Guntipally
 Johan Haakansson
 Arjun Kapoor
 Raghavendra Korrapati
 Elton Roque Lemos
 Ishaan Malhotra
 Yaswanth Mallepudi
 Tehaseen Hussain Mohammad
 Vamsi Nalajala
 Anurag Pirangi
 Akshay Pregada
 Fazil Shaik
 Mohammed Gayasuddin Shaik
 Minaj Ahmed Sheikh
 Tyler Smith
 Michael J Szymkowski
 Sreeja Tudhigeni
 Daniel Vadranapu
 Aneesh Reddy Vallapureddy
 Hariharan Venkatraman
 Henish Anilbhai Viradiya
 Shashank Vuppugalla
 Xuexuan Xu
 Himavarshini Yarragangu

June 2025
 Rishikesh Reddy Aluguvelli
 Adithya Anantha Padmanaban
 Akhilesh Prashant Bhale
 Rajath Chandrashekar
 Eshwanth Dhanichetty Gopi Chandran
 Rahul Golla
 Alex Graziose
 Meenakshi Gundluri
 Sohan Gurram
 Shiva Prasad Isa
 Anirudh Jayanthi Rama Seshar
 Abhishek Ajay Khatavkar
 Kavya Kommuri
 Sai Surya Makarala
 Harsha Meka
 Ganesh Paladugula
 Amita Sharad Patil
 Pavan Varma Pothuri
 Yamini Ramesh

Rugved Raote
Uma Maheswara Reddy Sannapureddy
Stephen Samuel Satyada
Vinay Sawade
Afzal Hussain Shaik
Sugheerth Sreedharan
Abhiram Yadu Sribhashyam
Yuktha Sri Vennela
Roopesh Vinodh Kumar Lal
Manisurya Vuppala
Ujwal Waghray
Nitish Yeramilli
Sri Shakunthala Yerneni

**Master of Science in Environmental
and Water Resources Engineering**

August 2024
Suriyakumar Rengasamy Subburam

February 2025
Aparna Dwara

June 2025
Abdullah Fahad F Almutairi
Asad Aziz
Sydney Gallo
Nakshatra Singh
Nisa Vyverberg
Christian Werner

**Master of Science in Sustainable
Transportation and Logistics**

August 2024
Lingjia Chen

February 2025
Xinyi Liang
Venkatesh Shrikrishna Mangrulkar
Sakshi Pathak
Muskan Amir Sharikmaslat
Feifan Yin

June 2025
Yuchen Fan
Sai Kaushal Kalahastri



Doctorate Degrees

Recommending Candidates for Degrees

Kemper Lewis
Dean

Doctor of Philosophy in Chemical Engineering

August 2024

Venus Amiri
Major Professor: Mark Swihart

Dinesh Kumar Behera
Major Professor: Miao Yu

Richard John Ciora
Major Professor: Miao Yu

Erda Deng
Major Professor: Haiqing Lin

Shuo Liu
Major Professor: Mark Swihart

Cameron Priest
Major Professor: Gang Wu

Gaurab Sarkar
Major Professor: Jeffrey Errington

Ameya Manoj Tandel
Major Professor: Haiqing Lin

Haryana Yosef Thomas
Major Professor: Ashlee Ford Versypt

Qi Yang
Major Professor: Sriram Neelamegham

February 2025

Ashis Kumar Podder
Major Professor: Stylianos Andreadis

Krutika Patidar
Major Professor: Ashlee Ford Versypt

Shriramprasad Venkatesan
Major Professor: Rudyanto Gunawan

June 2025

Mohammed Abdulaziz A Bin Daej
Major Professor: Paschalis Alexandridis

Vinh The Bui
Major Professor: Haiqing Lin

Toyin Campbell
Major Professor: Viviana Monje

Patatri Chakraborty
Major Professor: Amit Goyal, Thomas Thundat

Kaleb James Friedman
Major Professor: Miao Yu

Daniel Guiggey
Major Professor: Natesh Parashurama

Ryoma Hombu
Major Professor: Sriram Neelamegham

Thomas Hughes
Major Professor: Sriram Neelamegham

Cesar Lubongo
Major Professor: Paschalis Alexandridis

Adam Raszewski
Major Professor: Mark Swihart

Zhengxi Xuan
Major Professor: Mark Swihart

Chao Xue
Major Professor: Jun Qu

Masoud Zamani
Major Professor: Chong Cheng

Ziwen Zhang
Major Professor: Chong Cheng

Doctor of Philosophy in Civil Engineering

August 2024

Md Mahbubul Alam
Major Professor: Ian Bradley

Mi Jin Jung
Major Professor: Pinar Okumus

Kaivalya Mitesh Lal
Major Professor: Andrew Whittaker

Jia Hau Liu
Major Professor: Michel Bruneau

Jiajun Pang
Major Professor: Irina Benedyk

Sai Sharath Parsi
Major Professor: Andrew Whittaker

February 2025

Alireza Kazemian

Major Professor: Kallol Sett

June 2025

Gregory Congdon

Major Professor: Andreas Stavridis

Mahdi Hodaieiesfahani

Major Professor: Ian Bradley

Dylan A Scott

Major Professor: Ravi Ranade

Rohit Ranjan Singh

Major Professor: Andreas Stavridis

Fernando Jose Szasdi Bardales

Major Professor: Negar Elhami - Khorasani

Gongda Yu

Major Professor: Irina Benedyk

**Doctor of Philosophy in
Computational and Data Enabled
Sciences****August 2024**

Adithya Narayanan Lakshmi Narayanan

Major Professor: Rachael Hageman Blair

June 2025

Tong Wu

Major Professor: Sarah Muldoon

Yihe Yu

Major Professor: Dominik Roesch

**Doctor of Philosophy in
Electrical Engineering****August 2024**

Huangyu Fang

Major Professor: Qiaoqiang Gan

Roisul Hasan Galib

Major Professor: Qiaoqiang Gan

Jacob Noah Rada

Major Professor: Qiaoqiang Gan

Sudipto Saha

Major Professor: Uttam Singiseti

Kevin Xu

Major Professor: Jun Hwan Choi

February 2025

Ruiying Liu

Major Professor: Lei Ying

June 2025

Joshua Sarkis Joseph

Major Professor: Jennifer Zirnheld

Maxwell McManus

Major Professor: Zhangyu Guan

Anjali Omer

Major Professor: Nicholas Mastronarde

Puspita Paul

Major Professor: Qiang Liu

Donghao Ye

Major Professor: Jim Zheng

**Doctor of Philosophy in
Environmental and
Water Resources Engineering****August 2024**

Zachary T Kralles

Major Professor: Ning Dai

February 2025

Chantelle Lonsdale

Major Professor: Kang Sun

June 2025

Zolal Ayazpour

Major Professor: Kang Sun

Elham Mousania

Major Professor: John Atkinson

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 entrepreneurship 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, Rajan 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.

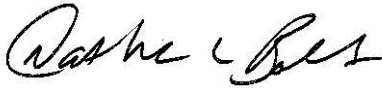
However, success cannot be your only pursuit. As alumni, we have a responsibility to mentor and guide future generations so they can boldly take up the reins of our shared legacy. That is why the University at Buffalo Engineering Alumni Association exists - to help you, our alumni, make an impact on 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)
President, University at Buffalo Engineering Alumni Association

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Chemical and Biological Engineering GSA
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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 Roysler 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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*UB alumnus/alumna/alum

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.

