



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**  
UNDERGRADUATE CEREMONY

Saturday

May 17, 2025

5:00 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

## Pre-Processional Musical Selections

Buffalo Chips

## Processional

*Selections from Pomp and  
Circumstance*

By Edward Elgar

## Opening Declaration

*Francine Battaglia*

*Mace Bearer, Professor and Chair,  
Mechanical and Aerospace Engineering*

## Welcome

Lukasz Ziarek

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

## National Anthem

Buffalo Chips

## Introductions

Associate Dean Lukasz 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

Nathaniel Mark

BS, Civil Engineering '25

## Conferring of Degrees

President Tripathi

## Alumni Welcome

Michelle Lieberg, PMP, BS '15

*Board Member, UB Engineering and  
Applied Sciences Alumni Association*

## Alma Mater

Buffalo Chips

## Closing Declaration

Professor Battaglia

## 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*

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



## Alumni Speaker

### Michelle Lieberg, PMP, BS'05

*Board Member, UB Engineering and Applied Sciences Alumni Association*



Michelle Lieberg, PMP, graduated from the University of Buffalo with an Electrical Engineering degree in 2005 and has built a 20-year career at Ingersoll Rand. Specializing in the industrial gases sector, she's known for her exceptional account management, fostering durable client bonds, and driving revenue growth. Michelle excels in developing innovative carbon reduction

solutions that align with strategic client goals. Her meticulous, client-centric approach combines strategic insight with humble leadership and integrity. When not at work, Michelle is passionate about travel, outdoor pursuits, and community volunteering

## Student Speaker

### Nathaniel C. Mark

*BS, Civil Engineering*



Nathaniel C. Mark from Long Island, N.Y., is graduating with a Bachelor of Science in Civil Engineering with a concentration in structural engineering. He is a second-year Resident Advisor at Greiner Hall. Nathaniel has completed internships with Dow Chemical in Houston and in Lake Jackson, Texas. Nathaniel has been a student leader for Engineering Impact on Society. He is

a teaching assistant for Engineering Seminar and for Intro to AutoCAD Design. Nathaniel is also a third-year peer mentor for SEAS and for Leadership House. He is also a JEDI Ambassador for SEAS. Nathaniel most recently earned his Engineer-in-Training (EIT) certification after passing the Fundamentals of Engineering exam. Post graduation, Nathaniel will embark on his career and will be joining the DOW Chemical Corporation as a hardware discipline engineer.

## SUNY Chancellors Awards for Student Excellence

### Ava Fetzner

*BS Environmental Engineering*



Ava Fetzner, an Honors Scholar and Western New York Prosperity Fellow from Erie, Pennsylvania graduates with a Bachelor of Science in Environmental Engineering. She has worked as the Zero Waste Student Assistant for the University Sustainability Office. Ava has also served as a student leader and teaching assistant for freshmen engineering principles, led a

project for Engineers for a Sustainable World, and served as an Empire State Service Corps student with The Tool Library. Fetzner has worked as a research assistant in waste at UB and as an NSF REU fellow at Washington State University. She also won Pitch for a Purpose and was a Finalist in the Panasci Technology Entrepreneurship competition with UB CoLab.

### Ella Markham

*BS Biomedical Engineering*



Ella Markham of Syracuse, NY, graduates with a Bachelor of Science in Biomedical Engineering. Markham is a Tau Beta Pi Member, Presidential Scholar, and University Honors College Scholar. She received the Academic Excellence Award in General Chemistry. She performs engineering education research and worked as a student leader in two freshman engineering courses

at UB. She is a Women in Science and Engineering STEM Outreach Program Mentor for local high school girls and Honors College peer mentor. She co-founded and is an eboard member of the UB Spikeball Club. She has studied abroad twice in Romania and New Zealand and worked at a local Buffalo hospital as a biomedical engineering intern.

## 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.



## 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).*

## Recognition of Latin Honors

Subject to completion of all degree requirements and satisfaction of the following minimum criteria, Latin honors may be conferred as indicated upon the individuals listed herein and upon such others as may meet the requirements. To qualify for Latin honors, students must present a minimum of 60 credit hours of UB undergraduate coursework, at least 54 of which must be graded credits (i.e., not satisfactory or unsatisfactory [grades of 'S' or 'U']). The UB GPA must be a minimum of 3.2 (to 3.499) for cum laude, 3.5 (to 3.749) for magna cum laude and 3.75 (to 4.0) for summa cum laude.

To receive the Latin honors designation in the printed 2025 commencement programs, candidates for the June 2025 degree conferral date must qualify based upon their UB cumulative GPA through the Winter 2025 session and total number of UB credit hours projected through the Spring 2025 semester. Standings for Latin honors MAY change once final grades are posted or degrees conferred.

## Legend

Cum Laude is denoted by §  
Magna Cum Laude is denoted by ‡  
Summa Cum Laude is denoted by †  
Tau Beta Pi is denoted by TBP  
Double major is denoted by \*  
Double degree is denoted by \*\*  
Double major, double degree is denoted by ◇  
Degree earned as part of a combined BS/MS is denoted by o

## 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 students 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 UB Flame of Wisdom Pin

This pin, depicting the flame of wisdom from the university's seal, was received by students who were honored at the UB Celebration of Student Academic Excellence for earning select national, SUNY and UB awards and citations.

### 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.

*Engineering and applied sciences students wear a variety of cords and stoles to represent club membership and leadership.*

# Baccalaureate Degrees

## Recommending Candidates for Degrees

Kemper Lewis  
*Dean*

## Bachelor of Science in Aerospace Engineering

### August 2024

Almaas Ali † \*  
Brendan T Reed \*

### February 2025

Jacob Anthony DeAngelis †  
Ben Graziano ‡  
Joshua E Hernandez § \*  
Joseph Hoffmann § \*  
Julian Jesse § \*  
Gabriel Zachary Nicholas Krantz \*  
Joonwoo Yang \*

### June 2025

Ray Al Haraz  
Dylan Albicker § \*  
Abdulaziz Saeed A Alghamdi  
Haythim Saeed Alkadi  
Ghali Anber † \* TBP  
Domenick Matthew Anderson  
Rida Awais  
Bradley Bauer  
Jon Bennett § \*  
Lucas C Benton ‡  
Myles Best § \*  
Roney Biju §  
Andre Glenn Birt  
Aidan Boebel ‡ \*  
Peyton Boudinot † \* TBP  
Stephanie Brumbaugh ‡ \*  
William Connor Bullis † \*  
Nick Burch † \*  
Jun Choi  
Cameron Claire \*  
Brayant Ovidio Constanza † \* TBP

Jason Patrick Covelli \*  
David Paul D'Amato  
Jacob Derby † \*  
Aaron M Dillon \*  
Awa Diouf  
Ryan Thomas Donohue § \*  
Joe Finelli †  
Michael Barry Furno ‡  
Assel Gadi  
Adam Giacomo Grogan  
Zach Haggett  
Jake Helmer † \*  
Dylan A P Herrold ‡  
Andrew J Hildreth § \*  
Sean M Hunt  
Wasima Raisha Hussain  
Benjamin Robert Jacobs †  
Christopher Basil Kakis † \*  
Kourosh Karami  
Haleef Mohamed Kariapper ‡ \*  
Alicia D Kazberuk \*  
Ethan Kenney \*  
Humza Hassan Khan ‡  
Lukas J Kokkinis § \*  
Justin Lester § \*  
Cyrus Gui Leung  
Jeffrey Rui Xiang Li †  
Luigi Locascio \*  
Joseph S Lombardo § \*  
Lukasz Luczaj  
Ben Lyman § \*  
Richard Edward Magnani  
Zackary Ryan Malmberg § \*  
Olivia Manley ‡ \*  
Christopher Mattos †  
Alex M Mech  
Charlie Mendola § \*  
Aubrey Monk † \*  
Eduardo Moreno \*  
Ben Morgan §  
Xander Muscarella † \*  
Ty Naoshin \*  
Sam Nelson  
Venayak Nigam §  
Ananth Panemanglore Pai

Filippo Pellegrini  
Shawn Davis Petrishin II ‡ \*  
Eric Hayden Posses †  
Josh Profeta ‡  
Mathew Ronald Radley † \* TBP  
Salman Rana † \* TBP  
Andrew James Rice \*  
Jayden Matthew Ripic †  
Ethan Robinson §  
Frank J Robles  
Felice Rucci ‡ \*  
Kyle Russell  
Chloe Doris Saldanha † \* TBP  
Brett Santarelli †  
Vladislav Slesarenka † \*  
Michael P Smith  
Aj Stordeur  
Adam Marian Swidzinski \*  
Ayesha Tabassum \*  
Cheng Tang §  
Christopher Frank Tarrant § \*  
Carson D Tatro § \*  
Parker Tedford  
Isaac Trejo  
Ethan Michael Trotta § \*  
Jon Vargas  
Veronica Walsh ‡  
Samuel Weber †  
Riley Hayden Weinstein  
Lingfeng Wu Arenas \*  
Alex Yevzerov \*  
Alex Yuen §  
Matthew Andres Zambrano-Silva  
Jason Zhang † \* TBP  
Mark Zimmer ‡ \*

## Bachelor of Science in Bioinformatics & Computational Biology

### June 2025

Rayaan Adil Cheema  
Krish Thakkar  
Addison Yam ‡

# Baccalaureate Degrees

## Bachelor of Science in Biomedical Engineering / Master of Business Administration

### June 2025

Talia Elizabeth Fuld § \*\*

Melissa Ann Patino ‡ \*\*

## Bachelor of Science in Biomedical Engineering

### August 2024

Brooke Maliszewski §

### February 2025

Deon Wayne Crockwell §

Thierry S Juang ‡ \*

### June 2025

Melissa Anne Carden

Thomas Costello °

Lauren D'Angelo ‡ °

Cory Benjamin Demo

Matthew DiPanfilo

Mckyla Ebubechukwu Ezenwa

Andrea Maria Fernaine

Ian Fitzgerald

Tommy Hagopian

Talha Hammad

Ana Hernandez Leblanc §

Ella Mattisann Hicks ‡

Brian Higgins † TBP

Dipti Dayanand Kalshetti ‡ TBP

Tasnim Kamal ‡

Ella Marie Markham † TBP

Kira Elizabeth McLoughlin

Emily McNeill ‡

Hayley Mundy † \*\* TBP

Adhav Narayanan † TBP

Jennie Oh † TBP

Jorge Eduardo Ortega Perez ‡ TBP

Samuel Perez Sanchez

Steven Ramirez

Zach Rogers †

Waleed Bin Safa

Kevin A Sarmiento

Mursalin Sayeeduddin

Hannah Rose Sheffield ‡

Max Spencer † °

Trevor Michael Spiegel

Brian Thomas Stantz

Jaida Ann Ward °

Ben Weeks §

Zoe Xidas † TBP

## Bachelor of Science in Chemical Engineering / Master of Business Administration

### June 2025

Quinn Gruppe † \*\*

## Bachelor of Science in Chemical Engineering

### February 2025

Evan Michael Hare

Zachary Francis Pawlak

Gianna E Pezzino \*

### June 2025

Naomi M Appleton §

Willen Yaroslav Arakcheev §

Nick Bagramian

Christian Barscz

Christina R. Bishop † TBP

Victor Bletsko

Andrew Cancilla †

Domenick Cavicchio

Russell John Close §

Gavin T Cunningham

Sarita Kiran Das †

João Pedro de Almeida Alves † TBP

Alexander M Deangelis §

Jessica Rose Dickson §

Ian P Edbauer

Kennedy M Evans §

Ava Marie Fogg §

Kyle James Godwin §

Kazi Tahsin Hafij

James Henry

Owen C Humphrey

Maeve Johnson §

Marialis Kwak ‡

Jose M Lun Pun ‡

Rylee Anne MacDonald ‡

Elizabeth V McCarthy §

Abdyrahman Merdanov

Morgan David Milkowich

Emily Anne Milton

Harrison Andrew Monfort †

Jackson Moody

Yaman K Oklla †

Joseph Perry

Emily R Petrinec ‡

John Edgar Preischel

Evan Preston †

Tannor S Riccardella

Andrew Joseph Scalice

Mary C Short ‡

Jakob Syracuse † TBP

Seth Richard Thomson

Azaan Uzair

Jennifer Marie Willms ‡

## Bachelor of Science in Civil Engineering

### August 2024

Hamzeh Alobaid

Joia Bell

Danny Hynes

Ibrahim Khalil

Ryan Gerard Marso

Muhammet Ali Mert

Seif J Serdah

Amanda B Warmus

Jeffrey Ye

Guohao Zhong

### February 2025

Dan Benetti

Denver Liberty

Huido Sue

Katherina Sumberac

Tucker Henry Velepec

**June 2025**

Brandon Alexander †  
 Marawan A Aly  
 Eric Robert Andrews ‡  
 John Victor Baudanza §  
 Brett Souksamone Beal §  
 Ron Bishop  
 Joey Bognanno §  
 Henry Botchway  
 Drew M Bower  
 Mason A Brown §  
 Matt Byrne †  
 Zoe Campbell  
 Will Capuano  
 Brooklin Skye Cardon ‡  
 Jack Howard Carter  
 Abigail Jordan Cassese †  
 Edward Julian Cerrone ‡  
 Tristan P Chapman  
 Melanie Chavez Hilari  
 Jason Chen ‡  
 Kaden T Civileto  
 Mina Coutsoucos  
 Luke Carmine D'Angelo  
 Diane Q Dang  
 Tora Davidson  
 Abdullah Enes Demir  
 Lux Dong  
 Ethan D Draper  
 Leyla Echevarria  
 Miguel Echeverry Perez  
 Tony Farinacci  
 Sheldon James Gallagher  
 Frank Garomo  
 Matthew Gonzalez §  
 Tabitha D Griggs  
 Emma L Hawkins †  
 Charlie Heiser  
 Moiz Kazmi  
 Dylan R Kemp  
 Oguzhan Kilic  
 Rojhat Erkam Kucuk  
 Katelyn Alyssa Laistner §  
 Lara Lakerta  
 Matthew Lamson  
 Aidan J Lao §

Ismar Zack Latifagic  
 Evan Paul Lazzazero  
 Amber Lei ‡  
 Alec Lembaris  
 Matthew Leung ‡  
 Yansen Lin  
 Hanqing Ma  
 Sean Madden  
 Justin Ronald Makowski  
 Mark J Maraia  
 Daphne-Rose Ambrocio Mariano  
 Nathaniel C Mark  
 Liam Mccarvill ‡  
 Britney Nicolle Mercado  
 Joseph Balok Middaugh †  
 Ethan L Miller  
 Say Eh Moo §  
 Hekmatullah Muhammadi  
 Luke C Neilson  
 Adam Patrick Newsome  
 Steve Saam Ngwolo  
 William O'Leary  
 Ezekiel Curtis Olson †  
 Jackson Ordway  
 Yulia Alexis Purcarea  
 Jacob Pytlik  
 Dongkai Qiu †  
 Jeg Randall  
 Andrea Estefania Rivera Razo  
 Kevin Roman  
 Quentin Rotoli  
 Carson Rowe  
 Ahmet Emre Sari ‡ TBP  
 Alexa Anne Schlotterbeck †  
 Travis Michael Scibor  
 Ryan John Shay §  
 Michael Shore  
 Paul William Sofinski †  
 Daniel Spencer  
 Stephen Stolarski  
 Ryan Thomas Szymendera †  
 Andres Francisco Vallejo  
 Benedict Vennari †  
 Sydney Elaine Wetherbee §  
 Jacob E Wing §  
 Alex Winsor  
 Seyma Zulal Yildirim

**Bachelor of Science in  
Computer Engineering****August 2024**

Eric L Weinman \*\*

**February 2025**

Megan MacPherson  
 Georges D Merisier §  
 Weichu Sheng †  
 Jordan Wang † TBP

**June 2025**

Herbert Akoto Acheampong  
 Nathaniel Bock  
 Steven A Collins †  
 Terrence Gabriel Viray Cornelio † TBP  
 Christian Edward Galiatsos  
 Shaun Gallagher ‡  
 Phil Giambrone ‡  
 Rohan Halder  
 Vasilisa Ignatova †  
 Shamoy James  
 Ronan D Kasmier †  
 Matthew R Liddiard ‡  
 Virgil Lu  
 Thomas J Mehok §  
 Harrison Moore ‡  
 Alex Noskov §  
 Breck Vincent O'Connor  
 Aidan Francis O'Donnell †  
 Kevin R Pasato  
 Ethan Michael Pealer  
 Frankie Peretti ‡  
 David P Reilly  
 Adrian Rekas §  
 Tyler Rutley †  
 Timothy Scholtz † TBP  
 Volodymyr Semenov †  
 Harsh Tamada  
 Alex Tisdale §  
 Osmond Wan †  
 Yunze Zheng  
 Yingyi Zhu §



# Baccalaureate Degrees

## Bachelor of Arts in Computer Science

### August 2024

Garrett Philip Davis

### February 2025

Ahmed K Alabadi §  
Haohui Chen §  
Ben Juliano §  
David Dean Parris  
Edwin Yordi Rivera Orna  
Jason R Romelus  
Joshua Sit  
Journey Robert Spratt †  
Parker D Tackley § \*

### June 2025

Shun Bitar  
Donovan Isaiah Blount †  
Sebastien James Bowen  
Julian Chen §  
Aaron Kufre Essien  
Naiyyir Hossain § \*  
Jontan Khuu §  
Aaron Lao  
Muhtasim Maruf  
Dylan M Vasapollo  
Nethan Weerasinghe  
Zijun Wei §

## Bachelor of Science in Computer Science

### August 2024

Shafin Ahmad  
Xuhui Deng  
Joshane H Fernando  
Dylan Thomas Fitch §  
Virinchi Gona  
Corben M Hameister  
Collin Heeb  
Eric D Hildreth  
Eric Junho Hong §  
Rafi Khan  
Iyanu E Kilanko

James Li  
Jieli Li  
Ryan Lin  
Xudong Liu §  
Johnny Lok §  
Yicheng Luo §  
Christopher Coogan Maloney  
Wren H Martinson †  
Brecken David McGeough  
Michael Merlino §  
Anh Tuan Nguyen  
Andrew O'Lansen §  
Lavesh Paliwal §  
Winston Peng  
Dominic M Pennacchio  
Salah Qamachi  
Adrien Oswald Sherman  
Paige Ann Shoemaker  
Holliday E Sims  
D'Ondre Taylor  
Mukesh Thamilvanan  
Baibhav Thapa  
John W Tolomay  
Tianrui Tu ‡  
Andrew Q Wong ‡  
Hongdi You  
Zihao Zhang §  
Duncen Zheng  
Andy Zhou †  
Riky Zhou

### February 2025

Yousef Abd Elnaser Ahmad Abdallah  
Ismail Ajaz  
Joe Alessi §  
Ibrahim Allahbukhsh  
Leslie May Archibald §  
Dan Boyle  
Will Brandau † \*\*  
Conrad W Bremer  
Corey David Brown †  
Xuhelin Cabrera  
Braeden Cairns §  
Siju J Chacko  
Vincent Chan

Junyan Chen †  
Mary Sun Chen †  
Wei Chen †  
Siqi Cheng  
Matthew Cheung †  
Bailey M Curran  
Brae M Curran  
Luke J Debritz §  
Aaron James Dietrich  
Ron Dobson  
Jing Du §  
Michael Dugan §  
Nolan James Edwards  
Julian K Elmasry †  
Shazzad H Faruke  
Juntao Feng †  
Josh Friedland ‡  
Derek Gage ‡  
Jaya Prakash Ginjupalli  
Marcus Hartman °  
Matt Haynes ‡  
Stanley He ‡  
Eddie Herrera §  
Jonah David Hoech  
Mike Horvath  
Kelvin Huang §  
Marian Vu Huynh †  
Doniyor Ismatilloev ‡  
Jonathan Jeong §  
Thierry S Juang ‡ \*  
Karl Ke  
Sakib Khan §  
Gregory Kojemiako ‡  
Marcell B Kovats  
Jared Michael Lamanna  
Ali Larbi Daho Bachir  
Henry C Lee †  
James Lee †  
Shize Li ‡  
Junpeng Liao §  
Chuhui Liu †  
Rachel Messenger §  
Ian David Moran  
Devon John Morlok §  
Vrushaali Nagaraj ‡  
Dima Naudzuns †

Brendan C O'Connell  
 Christopher Pena Chavez  
 Ethan Phan †  
 Daniel Robert Preisler ‡  
 Brandon Qiu  
 Cody Arthur Reynolds  
 Nazmus Safwan †  
 Sangima Sherpa §  
 Haoyang Shi §  
 Maximus Singh-Lakhman  
 Zhuoqun Song †  
 Alan Dionicio Soto §  
 Afton Spiegel ‡ TBP  
 Shreyas Narayanan Sridhar §  
 Chris Stuhler  
 Michael Alexander Thompson  
 Angus Tsang  
 Haobo Wang  
 Yunhan Wang  
 Garrett Asher Ward  
 Patrick R Wilkinson  
 Zhuohan Ye †  
 Mathew Yeung ‡  
 Xiangjian Zeng ‡

#### June 2025

Jenna I Abdullah  
 Hammad Faheem Aga §  
 Shaker Ahmed §  
 Sid Ahuja  
 Fahad Algharazi  
 Elisha Amiri §  
 Hamza Ansari §  
 Maisoon Anwar  
 Yemisi Babalola §  
 Akshay Bajpai  
 Tyler J Baker  
 William Michael Bales §  
 Jessica M Belasoto §  
 Christopher J Belligiere  
 Jobayed Bhuiyan  
 Will Bizier  
 Lizzy Bock ‡ \*\*  
 Aidan Boebel ‡ \*  
 Julia Boulware

Nathan John Bousquet  
 Pierce Andrew Boyack  
 Alp Vedat Buz §  
 Lucy Nira Bychkov § °  
 Cole Peter Caccamise  
 Angela wei Cai  
 Tiffany Cai §  
 Alex Cao §  
 Ryan Cao  
 Ryan Joseph Carney §  
 Zhuokun Cen  
 Chon Hei Chan §  
 Rachel Chan ‡  
 Sydney Chan §  
 Taran Singh Chana  
 Maddie Charlebois  
 Chris Chen ‡  
 David Chen §  
 John Chen ‡  
 Joseph Chen  
 Kefan Chen §  
 Kevin Chen ‡  
 Maggie Chen † TBP  
 Qiaoying Chen †  
 Ryan Chen §  
 William Chen  
 Gauravjit Chhina  
 Sauravjit Chhina  
 Jack K Chin ‡  
 Darren T Chiu  
 Brandon Chow §  
 Matthew Chu §  
 Dylan Clouden §  
 David Robert Collins  
 Matt Collopy §  
 Brody Michael Conway  
 Gianni Cottone  
 Chris Dearing \*\*  
 Daniel Joseph Denehy  
 Dinal Paresbhai Dholiya §  
 Brason Dobson ‡ \*\*  
 Edward Downer  
 Jessie Drake  
 Matthew Drum  
 Jack Dunfey † \*\*  
 Abdalla Elfaki

Darius Y Farnalgo  
 Justin Eric Forgette  
 Liandra Michelle Foster §  
 Abel George §  
 Christian Giampapa  
 Nathan Adeolu Goke  
 Hanchao Gong  
 Justin Michael Goodrich  
 Jessica Ashley Gow  
 Wolfgang Faust Groetz ‡  
 Shreya Gupta † TBP  
 Md Hassan  
 Ethan Owen Hedges  
 Shanoya Henry  
 Thanh Van Ho \*  
 Cordell Christian Horvath §  
 Bainan Hu †  
 Donald Hughey  
 Dominic Louis Incognito ‡  
 Edwin Irizarry §  
 Chris Jakova ‡  
 Gvido Jaunzems  
 Klaudia Jefferson §  
 Wonwoo Jeong ‡  
 Evan Jiang §  
 Jason R Jiang  
 Md F Jim  
 Leo Jimenez  
 Sabrina Johnson ‡  
 Kevin Jordan §  
 Andrew Kadmiri †  
 Md Sayaf Kashem  
 Ken Ke §  
 Trevor William Kedge § \*  
 Tom Kelly  
 Ryan I Khan  
 Vipassana Sanjay Khandare †  
 Karthik Khatri  
 Ben Kim  
 Lana Kim ‡  
 Seohyeon Kim ‡  
 Drew Kolaya  
 Aditya M Kulkarni  
 Aryan Kumar §  
 Cayden La Bara  
 Alae Laaziri

## Baccalaureate Degrees

Vatsal Labh  
 Jeremy Lawson § °  
 Andy Lee  
 Joy Lee ‡ TBP  
 Owen Stuart Lee ‡  
 Timothy Lee  
 Dora Lei ‡ \*\*  
 Bert Z Li §  
 Jacob Li  
 Jiaming Li ‡  
 Morgan Liang Li †  
 Solomon Lian §  
 Michael John Liao §  
 Eve Lin ‡  
 Harry R Lin §  
 Kang Lin †  
 Xun Lin  
 Yuhao Lin §  
 Chammy Liu  
 Jiayi Liu §  
 Brenden Mark Lynch ‡  
 Matt Lyskawa §  
 Saqib Malik  
 Manaswi Mancha  
 Shawn Manivong  
 Cole Thomas Manzi ‡  
 John Michael Marmo  
 Emma Jane McDonough  
 Alex McHugh §  
 Wesley Karim Meah §  
 Moses Jared Michaud  
 Jacob Jerry Mieszawski  
 Mashfique Mohiuddin  
 Milton J Morris  
 Jared Moskowitz §  
 Dan Muck  
 Marco Muya  
 Navaneeth Krishna Nakka  
 Sai Nitin Ratna Nalla  
 Austin Taylor Niver  
 Ugo Ofurum §  
 Collin Michael Olkowski ‡  
 Nitin Pai §  
 Gordon Pan §  
 Prahaladh Reddy Pannala  
 Trey Xavier Pauley

Naglis Paunksnis  
 Chongze Peng §  
 Andrew Peralta  
 Milos Petrovic §  
 Kameron Pierre §  
 Blake Andy Pinos §  
 Lakshya Pitti  
 Christopher Edward Potts  
 Andrew L Presman †  
 Matthew Ryan Prier  
 Robby Pruzan §  
 Zowraiz Omer Qureshi  
 Rayhan Rashid  
 Antonio Francisco Rosa  
 Shadman Sadeque §  
 Nicholas Michael Salvemini ‡ \*\* TBP  
 Zac Sanger  
 Arnav Sawant ‡  
 Hannah Schiffmacher §  
 Elijah Luke Schmid ‡  
 Amitesh Sharma  
 Shengan Shi ‡  
 Christine Shiyam  
 Jas Sidhu  
 Adrian Sin §  
 Nickolas Sukhdeo  
 Anthony Han Szykowny §  
 Raymond Tan †  
 Xinyu Tan ‡  
 ZhaoBin Tan ‡  
 Gordon Tang †  
 Johnathan Tang  
 Alexander Terry † \*\*  
 Cal Thanga §  
 Mike Tornabene †  
 Ryan Patrick Travers §  
 Mark Thang Viet Trinh  
 Jason Trommetter  
 Eduardo Turcios  
 Angelique Tuyisabe †  
 Jonathan Dennis Tyner  
 Amit Tzadok §  
 Eleanora Undrus ‡  
 Peter Sione Vaiciulis  
 Christopher George Varghese ‡ \*\*  
 Sahith Reddy Vatti

Smaran Vedantam §  
 Philip Vieira  
 Bryan Vilchis ‡  
 Brandon Jay Wendt ‡  
 Ryan Wong ‡  
 Andrew Wu  
 Jimmy Wu §  
 Shixin Wu  
 Weitian Wu §  
 Eric Xie §  
 Wenkai Yang §  
 Yuhang Yang †  
 Yuhang Ye §  
 Ken Yu § \*\*  
 Jacob Jozef Zalot ‡  
 Neem Zaman §  
 Louis Zeng ‡  
 Ronald Zhang  
 Tiffany Zheng  
 Kevin Zhong  
 Siyu Zhong §  
 Hao Zhu §

### Bachelor of Science in Electrical Engineering

#### August 2024

Max Clarke §  
 Ethan LaBarbera  
 Scott Russel Schleede ‡  
 Gabe Taormina §

#### February 2025

Jobair Ahmed  
 Aaron Bacon †  
 Zainab Ismail §  
 Kevin Liu  
 Alex Moisisdis  
 Elijah Panayoty

#### June 2025

Lior Adjudanpor § °  
 Maral L Baroutjian  
 Urszula Bednarski  
 Bryan Misael Boconzaca §  
 Dylan James Bruno

Alder Blaze Cemelli  
 Frank Chen ‡  
 Xing Chen  
 Zach Chiacchia  
 Nicholas James Cimato † TBP  
 Kendrick Cruz  
 Rowan Daly † °  
 Dumyr Decime-Barlatier  
 Calvin Finger † °  
 Bob French  
 Yuanzangnan Gao  
 Ben Germaine †  
 Dallas J Gianni  
 Tate Gildner  
 Julius Adam Gomez Rybakowski  
 Daniel Gutsu §  
 Michael J Hagan  
 Michael Ip  
 Michael Christian Karen ‡ °  
 Mozafer Elyas Khalil  
 Riad Mak Latifagic ‡ °  
 Riess Lessey § °  
 Raquel Miriam Loya  
 Haozhen Ma § °  
 Jada Arielle Mahfoud § °  
 Max Mckillop  
 Kate Annette Meccariello †  
 Yongheng Mei ‡  
 Justin Messing §  
 Nicholas Morganti  
 Amanda Sophia Newbury † \*\* TBP  
 Isabella Tuong Vi Nguyen §  
 Ryan Patrick Noonan ‡  
 Kelly O'Connor † TBP  
 Ronald Perez-Cruz § °  
 Kyle Joseph Pestar \*  
 Ryan Nelson Pfeiffer † ° TBP  
 Dylan Slater Pinos Chillogallo  
 Kingsley Quayle ‡  
 Jack Radliff  
 Jhon Ramirez  
 Randy Ramos Montoya  
 Timothy Dwayne Ravel  
 Julia Ray ‡  
 Jaden George Reuter †

Michael William Rodriguez ‡ °  
 Brandon Schwenk  
 William Michael Shannon † °  
 Sarah Melissa Singh †  
 Lucas Sklavos §  
 Gannon Spaulding  
 Andrew John Syposs  
 Devon Toland §  
 Joshua David Tomaszewski ‡  
 Michael William VanAuken Jr. §  
 Nicholas Joseph White  
 Justin Wu † TBP  
 Zhuojian Wu ‡  
 Jonathan Yeh † TBP  
 Yijie Yin ‡  
 Simon Yu Liu  
 Ed Yu  
 Zhiyun Yu  
 Jason Zheng  
 Jenny Zhu ‡ °

### **Bachelor of Science in Engineering Physics**

**June 2025**  
 Natan Weitzman †

### **Bachelor of Science in Engineering Science**

**August 2024**  
 Brandon Albert Kuppel  
 Brian Stephenson

**February 2025**  
 Lige Zheng

**June 2025**  
 Chigozie Michael Eke  
 Luke W Gruber  
 Hongxu Huang  
 Evan J Jenkins †  
 Shuai Jiang  
 Sean Keenan

### **Bachelor of Science in Environmental Engineering**

**August 2024**  
 Kat Curry  
 Tazim Khan  
 Gianna Perretta

**February 2025**  
 Daniel Antonio Galdamez  
 Kyle Scott Henderson  
 Libby Zink §

**June 2025**  
 Ashley Carolina Brito  
 Mathew Chong  
 Petra Rose Daghestani  
 Sean Jerome Dennehy  
 Juliana J Denney  
 Liam Alexander Dimick ‡  
 Mia Elizabeth Dischiavo †  
 Dylan Spencer Ferney  
 Ava Frances Fetzner ‡  
 Allison M Finn §  
 Hassani Gore  
 Erik Kessler ‡  
 Alexsa Morehouse  
 Alba Nezha  
 Kerry Prinsen †  
 Melanie Eileen Russo ‡ TBP  
 Emily M Sciandra  
 Casey S Seaman  
 Lillian Jadyen Sykes  
 Leah Kathleen Ward ‡ TBP  
 Kaitlin Grace Weglarz

### **Bachelor of Science in Industrial Engineering**

**February 2025**  
 Joseph Behar †  
 Zach Corlett  
 Bryson Frank Leitch  
 Micah Robert Tsuei



# Baccalaureate Degrees

## June 2025

Catherine Rina Ardizzone  
Bianca Isabella Burgess ‡ TBP  
Cam Carter  
Karen Ky Cheng  
Dylan G Conroy §  
Chris Coupal  
Jose de Ondarza §  
Luis Antonio Galarza  
Ryan Patrick Goldstein  
Nina Grosso  
Nicholas Lane  
Joe LaRose  
Justin Lin ‡  
Sultan L Oklla  
Megan Rose Palumbo  
Matthew Reif  
Liam James Scime ‡  
Olivia Autumn Sexton  
Bryan M Steines †  
Nick Sutton ‡  
Ayami Warawita  
Thomas Emiel Wutz

## Bachelor of Science in Mechanical Engineering / Master of Business Administration

### June 2025

Brandon Ferrigno ‡ \*\*  
Nick Karlsen § \*\*  
Connor Mitchell McVey ‡ \*\*

## Bachelor of Science in Mechanical Engineering

### August 2024

Alie Alessi  
Almaas Ali † \*  
Jesus S Bailon  
Ryan Anthony Daniels  
Rory A Farkas  
Joshua Ryan Kam †  
Alex Kelly  
Nick Massaro  
Rina Nisrin

Brendan T Reed \*

Dylan C Rickard

Peize Zhang

## February 2025

Adrian Fernando Alvarez  
John Lucas Amundsen  
Maximus Banjac §  
Ryan Bantel  
Brian David Covell  
Urgyen Dhargyal  
Megan Elizabeth Donohue  
Brian Thomas Dugan  
Andrew K Hallow  
Joshua E Hernandez § \*  
Joseph Hoffmann § \*  
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Gabriel Zachary Nicholas Krantz \*  
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Erick Martinez  
Michael Chester McMaster  
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Caleb Matthew Potter  
Tyshawn Searight §  
Luke Daniel Sheehan §  
Jake Shopp §  
Armando Xique Trujillo §  
Joonwoo Yang \*

## June 2025

Dylan Albicker § \*  
Amzad Ali  
Ghali Anber † \* TBP  
Matthew Anest  
Griffin Angelo  
Nijad Ishaq Aniff  
Sayed Anwar §  
James Arnold †  
Nate Bailey †  
Christopher W Bartho §  
Nick Baubie  
Jon Bennett § \*

Myles Best § \*

Dylan Bharrat

Peyton Boudinot † \* TBP

Stephanie Brumbaugh ‡ \*

Maxwell William Bukovsky

William Connor Bullis † \*

Nick Burch † \*

Douglas James Burgess

Nicholas Butler

Jenna Cameron †

Jack Christopher Carbonaro

Stanley Chen

Steve Chen

William Chow ‡

Cameron Claire \*

Joe Clement

Brayant Ovidio Constanza † \* TBP

Noah A Conte

Ryan T Costello †

Jason Patrick Covelli \*

Dan DeFord ‡

Max Delehanty TBP

Mychal James Delligatti

Evan Jason DeMocker

Kai Lin Deng §

Teagan Robert DePoint-Spang

Jacob Derby † \*

Adam Devic §

Sitanshu Dhawale

Nathan Dillenbeck §

Aaron M Dillon \*

Milutin D Dobrijevic

Ryan Thomas Donohue § \*

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# 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](http://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.

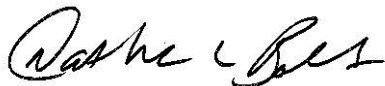
However, success cannot be your only pursuit. As alumni, we have a responsibility to mentor and guide future generations so they can boldly take up the reins of our shared legacy. That is why the University at Buffalo Engineering Alumni Association exists - to help you, our alumni, make an impact on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

# 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](http://buffalo.edu/alumni).

If you have questions about how to stay involved, contact the Office of Alumni Engagement at [ub-alumni@buffalo.edu](mailto: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 Stefk, BA '97, MA '99, PhD '03  
*President, UB Alumni Association Board of Directors*





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

# Undergraduate Student Club Leaders

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João Pedro de Almeida Alves  
President

*American Society of Civil Engineers*  
Kevin Chen/John Keefe  
President

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Vedant Saxena  
President

*Associated General Contractors of America*  
Miguel Echeverry Perez  
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*Association for Computing Machinery*  
Mafruha Mustahsina Manal  
President

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Riley Wymer  
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Ahana Bhattacharya /  
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Shireen Rehmatullah Khan  
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*University at Buffalo Promoting Electrical Propulsion Team*  
Ryan Donohue  
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Gabriel Robinson  
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Caleb Garver  
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Ayesha Tabassum  
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# 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)*

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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.

