

# 2021



**UB** University  
at Buffalo®

**175**  
1846  2021

ONE HUNDRED AND SEVENTY-FIFTH ANNUAL



SCHOOL OF ENGINEERING AND APPLIED SCIENCES  
**C O M M E N C E M E N T**  
UNDERGRADUATE CEREMONY

Saturday

May 15, 2021

2:00 PM

UB Stadium

North Campus

Kemper E. Lewis

*Dean*



# Program

## **Selections from Pomp & Circumstance**

*by Edward Elgar*

## **Opening Declaration**

David A. Kofke

*Mace Bearer, SUNY Distinguished Professor and Director of Undergraduate Studies, Department of Chemical and Biological Engineering*

## **Welcome**

Jeffrey R. Errington

*Associate Dean for Undergraduate Education, School of Engineering and Applied Sciences*

## **National Anthem**

Anna Fernandez, BFA '21

## **Introductions**

Jeffrey R. Errington

## **Greetings**

Satish K. Tripathi

*University President*

## **Remarks**

Kemper E. Lewis

*Dean, Moog Professor of Innovation School of Engineering and Applied Sciences*

## **University at Buffalo President's Medal**

Dexter Johnson, PhD '95

*Technical Fellow for Loads and Dynamics, NASA*

President Tripathi

## **Student Address**

Amy Faville, BS '21

## **Conferring of Degrees**

President Tripathi

## **Alumni Welcome**

Jordan Walbesser

*President, UB Engineering and Applied Sciences Alumni Association*

## **Alma Mater**

Anna Fernandez, BFA '21

## **Closing Declaration**

David A. Kofke

## **Selections from Pomp & Circumstance**

*by Edward Elgar*

## 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 helped reinstate the Student Life Committee, on which she is co-chair. In that capacity,

she spearheaded the creation of the Food Insecurity and the Mental Health task forces. Lewin serves on the board's Executive Committee and 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. Earlier this year, she was named to the Western New York Health Equity Task Force to coordinate vaccine distribution for the region's counties.

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

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

### Jeremy M. Jacobs

*Chairman of the University at Buffalo Council*



Jeremy M. Jacobs was appointed to the UB Council in 1997; in 1998, then-Gov. George Pataki named him chairman. Jacobs is chairman of Delaware North, a global hospitality company with customers in the United

States, Australia, New Zealand and the United Kingdom. The company's operations include food and retail at airports and sports venues, sports facility ownership and management, operations of parks and major tourist attractions, hotel ownership and management, gaming operations and fine dining.

Jacobs owns the Boston Bruins and serves as chairman of the National Hockey League's Board of Governors. In 2018, he received the sport's highest honor when he was inducted into the Hockey Hall of Fame.

An alumnus of UB's School of Management and Harvard Business School's Advanced Management Program, Jacobs holds honorary doctorates in humane letters from UB, Canisius College, Niagara University and Johnson & Wales University. In 2015, his family donated \$30 million to advance UB's medical school, which was renamed the Jacobs School of Medicine and Biomedical Sciences.

Jacobs has served Western New York for more than four decades with his business expertise and philanthropic leadership, and Delaware North has received multiple awards for social responsibility, community service and environmental stewardship.

A longtime friend and supporter of UB, Jacobs has served as chairman, trustee and director of the UB Foundation, chairman of the President's Board of Visitors and adviser to the School of Management.

### 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 professor of computer science at the University of Maryland, including seven years as department chair.

Tripathi graduated at the top of his class from Banaras Hindu University (BHU). He holds a master's degree and a doctorate in computer science from the University of Toronto, as well as master's degrees in statistics from the University of Alberta and BHU. A fellow of the IEEE and the American Association for the Advancement of Science, he holds honorary doctorates from the Indian Institute of Information Technology, Allahabad, and Brock University in Canada.

A leader in the national higher education community, Tripathi serves as chair of the Mid-American Conference Council of Presidents and on the boards of the NCAA Division I, NCAA Board of Governors and College Football Playoff Board of Managers. A member of Gov. Andrew Cuomo's Reimagine NY Commission, he has served on the boards of the Association of American Universities, the Association of Public and Land-Grant Universities and the Council for Higher Education Accreditation. In 2011, Gov. Cuomo appointed Tripathi inaugural co-chair of the Western New York Regional Economic Development Council, a position he held until 2017.

## 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, responsible for leading the development and implementation of the

university's academic vision. Weber provides leadership across the academic enterprise including research, scholarship and creative activities; undergraduate, graduate, professional and international education; faculty development; diversity and inclusion initiatives; and university libraries.

A member of UB's faculty since 1983, Weber is an innovative scholar and teacher and former chair of UB's Department of Civil, Structural and Environmental Engineering, where he helped establish UB's transportation engineering program and oversaw the department's significant rise in national rankings among U.S civil engineering programs. Weber has held progressively responsible administrative roles at UB, including senior vice provost and vice provost for academic affairs, where he was instrumental in the creation of the UB Curriculum and the nationally recognized Finish in 4 program; and vice president for student life, where he focused on enhancing the student experience on campus and promoting overall student wellness.

Weber's research focuses on biodegradation of chemicals in water and soil and the reclamation of environmentally impacted brownfield sites. He 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 is also the Moog Professor of Innovation in

the Department of Mechanical and Aerospace Engineering, and served as department chair prior to being named dean in 2020.

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 \$18 million.

Active in the profession, Lewis was also the chair of the ASME's Mechanical Engineering Department Head Executive Committee. 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.

# University at Buffalo President's Medal

## Dexter Johnson, PhD '95

*Technical Fellow for Loads and Dynamics, NASA*



Dexter Johnson, PhD, is the NASA Technical Fellow for Loads and Dynamics, supporting the NASA Engineering and Safety Center. Joining NASA in 1990, he works at the NASA Glenn Research Center in Cleveland, Ohio.

Widely recognized for his professional excellence and dedicated service, Johnson has been the recipient of numerous prestigious awards and honors throughout his career. These include: NASA's Exceptional Service and Equal Employment Opportunity Medals; the Celestial Torch Award – Aerospace Pioneer of the Year from the National Society of Black Engineers; the UB Alumni Association Achievement Award – Clifford C. Furnas Memorial Award; the UB Engineer of the Year Award from the UB Engineering and Applied Sciences Alumni Association; a Buffalo Mayoral Proclamation; and the Diversity and Inclusion Award from the American Institute of Aeronautics and Astronautics (AIAA).

An Associate Fellow of the AIAA, Johnson received all of his collegiate degrees from UB—his bachelor's degree in aerospace engineering, and master's and doctoral degrees in mechanical engineering. A dedicated UB alumnus, he has been a member of the UB Alumni Association Board of Directors since 2017 and previously served on the UB Engineering Dean's Advisory Council from 2009–2015. For the past year, he has also contributed his time and talents to UB as a member of the President's Advisory Council on Race.

In addition to his distinguished career in engineering, Johnson is an educator, entrepreneur and minister. The Buffalo native is a frequently requested keynote speaker; as "Dr. Dex," he focuses on topics including STEM, faith and inspiration, personal excellence, building healthy relationships and career success. He is happily married to Philomena M. Lucas-Johnson, whom he loves dearly.

## UB President's Medal Recipients

<b>1990</b>	Charles M. Fogel
<b>1992</b>	William B. Hoyt*
<b>1993</b>	Northrup R. Knox Robert Wilmers John L. Hettrick Sr.
<b>1994</b>	Robert H. Rossberg
<b>1995</b>	George C. Lee
<b>1996</b>	Irving Freedman
<b>1997</b>	Philip B. Wels
<b>1998</b>	Lawrence P. Castellani
<b>2000</b>	Mary E. Randolph John N. Walsh III
<b>2002</b>	Robert J. Wagner
<b>2003</b>	Reginald B. Newman II
<b>2007</b>	Stephen C. Dunnett
<b>2008</b>	Robert Genco
<b>2010</b>	Robert G. Shibley
<b>2012</b>	Angelo M. Fatta Bruce D. McCombe
<b>2013</b>	Diane R. Christian Edmond J. Gicewicz
<b>2014</b>	Robert D. Gioia Nancy H. Nielsen
<b>2015</b>	John T. Ho Gerald S. Lippes
<b>2016</b>	Paras N. Prasad Claude E. Welch Jr.
<b>2017</b>	Margarita L. Dubocovich Francis M. Letro
<b>2018</b>	Michael E. Cain Laura E. Hubbard Cristanne Miller
<b>2019</b>	Amit Goyal Amanda B. Nickerson
<b>2020</b>	Jean Wactawski-Wende

\* Awarded posthumously



## Dean's Award for Achievement

(This award will be recognized at the SEAS Graduate Ceremony)

### John K. Schneider, PhD '90

*Vice President of Technology for Qualcomm*



Each year, the School of Engineering and Applied Sciences gives its highest honor, the Dean's Award for Achievement, to someone who has made a substantial contribution to the practice of engineering or the applied sciences and/or has had an exceptional professional career. This year, it is with great pleasure that the school honors John K. Schneider, PhD.

Schneider currently serves as Vice President of Technology for Qualcomm, a multibillion-dollar corporation where he is developing the next generation of wearable technology for a variety of health care initiatives.

Schneider graduated from the University of Buffalo in 1990 with a PhD in electrical engineering. He later founded Ultra-Scan Corporation, where for the next 24 years, he focused on pioneering the use of high frequency ultrasound for fingerprint identification. In 2013, his company was acquired by Qualcomm Corporation and his fingerprint sensor technology is now deployed in a variety of smartphones such as the Samsung Galaxy S10 and S21.

He has received over 250 patents and has authored several papers and textbooks related to fingerprint identification. In August 2012, Schneider's technology received FBI certification, having the distinction of being the only non-optical 4-finger sensor to receive such certification in the history of the industry. Schneider has served as a research scientist for government agencies including NASA, the United States Army, the U.S. Drug Enforcement Agency, the Federal Bureau of Investigation and the U.S. Special Operations Command.

In 2013, he was elevated to Biometric Fellow by the Institute of Electrical and Electronic Engineers and in 2014, his company Ultra-Scan was inducted into the Small Business Innovation Research (SBIR) Hall of Fame. The award honors those firms judged to exemplify notable lifetime achievement in innovative research; an award which Schneider received at the White House.

Schneider has been an adjunct professor in the Department of Electrical Engineering since 1989. In 2013, he was the recipient of the prestigious Clifford C. Furnas Memorial Award from the University at Buffalo, which is presented to individuals who have distinguished themselves in a field of science, thereby bringing honor to the university. He has actively supported UB throughout his career, and his son followed in his footsteps, earning his BS in 2014, MS in 2016 and PhD in 2018, all in electrical engineering.

The University at Buffalo is honored to recognize John K. Schneider once again as an alumnus of great distinction, whose career achievements merit our highest regard.

## 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  
*President, The Parsons Corporation*

1991

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

1992

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

1993

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

1994

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

1995

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

1996

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

1997

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

1998

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

1999

Eli Ruckenstein  
*Distinguished Professor  
Department of Chemical Engineering  
School of Engineering and Applied Sciences  
University at Buffalo  
John Zahorjan, PhD IE 1974  
Adjunct Professor  
Department of Industrial Engineering  
School of Engineering and Applied Sciences  
University at Buffalo*

2000

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

2001

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

2002

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

2003

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

2004

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

2005

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

2006

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

2007

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

2008

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

2009

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

2010

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

2011

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

2012

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

2013

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

2014

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

2015

Krishna Kolluri, MS IE 1988  
*General Partner  
New Enterprise Associates*

2016

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

2017

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

2018

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

2019

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

2020

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

# School Leadership and Distinguished Faculty

## Dean

Kemper E. Lewis  
*Dean and Moog Professor of Innovation*

## Associate Deans

Rajan Batta  
*Associate Dean for Faculty Affairs and Diversity, SUNY Distinguished Professor, Industrial and Systems Engineering*

Jeffrey R. Errington  
*Associate Dean for Undergraduate Education, Chemical and Biological Engineering*

Shambhu Upadhyaya  
*Associate Dean for Research and Graduate Education, Computer Science and Engineering*

Christine A. Human  
*Associate Dean for Accreditation and Student Affairs, Civil, Structural and Environmental Engineering*

## Department Chairs

Joseph F. Atkinson  
*Civil, Structural and Environmental Engineering*

Jonathan P. Bird  
*Electrical Engineering*

Francine Battaglia  
*Mechanical and Aerospace Engineering*

Carl R. Lund  
*Engineering Education*

Victor L. Paquet  
*Industrial and Systems Engineering*

Chunming Qiao  
*Computer Science and Engineering*

Krishna Rajan  
*Materials Design and Innovation*

Mark T. Swihart  
*Chemical and Biological Engineering*

Albert H. Titus  
*Biomedical Engineering*

## SUNY Distinguished Professors

Stylianos Andreadis  
*Chemical and Biological Engineering*

Rajan Batta  
*Industrial and Systems Engineering*

Michel Bruneau  
*Civil, Structural and Environmental 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*

David A. Kofke  
*Chemical and Biological Engineering*

Vladimir Mitin  
*Electrical Engineering*

Chunming Qiao  
*Computer Science and Engineering*

Krishna Rajan  
*Materials Design and Innovation*

Sargur N. Srihari  
*Computer Science and 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  
*Senior Vice President, Worldwide Sales and Customer Engagement, Globalfoundries*

Patrick F. Abrami\*  
*Partner and Consultant, Applied Management Systems*

Russell L. Agrusa\*  
*Founder, President and CEO, ICONICS, Inc.*

Paul Ameis\*  
*General Manager, Lockport VanDeMark*

Ron Benczkowski\*  
*Vice President-Engineering, Moog, Inc., Space and Defense Group*

Nathan Bolt\*  
*Project Engineer, Turner Construction*

James Chou\*  
*Chief Technology Officer, Kabbage, Inc.*

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

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

Judy Feldman  
*Executive Vice President, Chief Information Officer, Value Centric*

Robert Girardi\*  
*Retired, former President and CEO of SofTrek*

Karianne Gomez\*  
*Vice President of Strategic Value at the Network of Executive Women*

Robert G. Harrison, P.E.\*  
*Vice President of Engineering and Construction, Transmission Developers, Inc.*

Cynthia A. Hoover, PhD\*  
*Executive Director, Linde*

Rob Jacoby\*  
*Consultant to the Energy Industry*

Joe Kessler, P.E.\*  
*Chief Operating Officer, New York Power Authority*

Anil Kshirsagar\*  
*Executive Chair, CAPIOT Software, Inc*

Gina Lee-Glauser\*  
*Vice President for Research and Scholarship; Provost Office at Clarkson University*

Jeff Markin\*  
*Chief Operating Officer, eHealth Technologies*

Susan R. Nowicki  
*Director of Engineering, Northrop Grumman Amherst Systems*

Mark Santoro\*  
*Principal Engineering Fellow for Space and Airborne Systems, Hardware Engineering Center, Raytheon*

Ashish Shah, PhD\*  
*Vice President of Research and Development, Viant, Inc.*

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

Stephen E. Still, PhD\*  
*Retired. Former co-founder and consultant, Seabury Airline Planning Group LLC*

Subbarao Vanka\*  
*President, NW Engineering Consultants, Inc.*

Jonathan Watts, P.E.\*  
*Vice President, Watts Architecture & Engineering DPC*

Candace Yano  
*Gary & Sherron Kalbach Chair in Business Administration and Professor of Operations and Information Technology Management, University of California, Berkeley*

\*School alumna/alumnus

## Alumni Speaker

### Jordan Walbesser

*President, UB Engineering and Applied Sciences Alumni Association*



Jordan Walbesser is a proud University at Buffalo graduate with degrees in both computer engineering (BS '07) and law (JD '10). Starting in telecommunications at Intel, Jordan has worked with various companies

on projects ranging from healthcare to technology transfer. After attending law school, Jordan worked as an associate at a private law firm focusing on intellectual property, contracts, licenses, privacy, and technology. Throughout his legal career, he developed an expertise for working with entrepreneurs and startups around the world. He counts many of Buffalo's premier startups as former clients and remains active in the local startup community. Jordan is currently in-house counsel for Mattel where he handles strategic partnerships, intellectual property, software development, and other technology matters. Jordan joined the UBAAA board in 2016 as a way to give back. Now as president, Jordan hopes to expand the mutually beneficial relationship between the School of Engineering and its global alumni community in order to support future engineers at UB.

## Student Speaker

### Amy Faville

*Bachelor of Science - Mechanical Engineering*



Amy Faville of Avon, N.Y. graduates Summa Cum Laude with a Bachelor of Science in mechanical engineering and a minor in manufacturing. Amy was awarded various academic awards including the J. Scott

Fleming Merit Award, Leaders in Excellence Scholarship, and the University at Buffalo Alumnae Scholarship.

During her time at the University at Buffalo, Amy has served as a teaching assistant for fluid mechanics, heat transfer, and the first-year engineering seminar as well as being an active leader in Theta Tau, a professional engineering fraternity, and a published author in thermal engineering research. Following graduation, she plans to work for Fisher-Price as a product development engineer while pursuing a Master of Engineering in engineering management here at UB.

## SUNY Chancellors Award for Student Excellence

### Jacqueline Hannan

*Bachelor of Science - Biomedical Engineering*



Jacqueline Hannan of Poughkeepsie, NY, graduates with a Bachelor of Science in biomedical engineering and a human factors minor. She has served as president of Honors Student Council, a

student leader for first-year engineering courses, a peer mentor for multiple campus groups, and an undergraduate researcher in four laboratories.

Jacqueline served as President for Honors Student Council for two full academic years and facilitated a large increase in student participation. After leading a major research study about fairness perceptions and bias in algorithm decision making, she became the first author of a research publication submitted to Artificial Intelligence, Ethics, and Society (AIES) 2021, a top computer science and ethics conference. She also dedicated multiple months to fundraising over \$6,000 for rare cancer research at Memorial Sloan Kettering Cancer Center while training for the TCS NYC Marathon, then completed the world's largest marathon as the youngest finisher of the race.

# Student Club Leaders

*Air and Waste Management Association*  
Taylor Monnin, President

*American Indian Science and Engineering Society*  
Maximo Vasquez, President

*American Institute of Aeronautics and Astronautics*  
Michael Berger, President

*American Institute of Chemical Engineers*  
Joseph Kulczyk, President

*American Society of Civil Engineers*  
Andrew Kist, President

*American Society of Mechanical Engineers*  
Hazel Kettlekamp, President

*American Water Works Association*  
Margaret Sramek, President

*Association for Computing Machinery*  
Peter Gottesman, President

*Biomedical Engineering Society*  
Donia Ahmed, President

*Diversity in Tech (DivTech)*  
Lisa Kanbur, Director

*Engineering World Health*  
Nicole Gutierrez, President

*Engineers for a Sustainable World*  
Madison "Rose" Richelson, President

*Engineers Without Borders*  
Dylan Davignon, President

*Institute for Electrical and Electronics Engineers*  
Ehsan Rafique, President

*Institute of Industrial and Systems Engineers*  
Sarah Koeng, President

*National Society of Black Engineers*  
Marie Ettien, President

*National Society of Professional Engineers*  
Jonathan Gladding, President

*National Society of Sales Engineers*  
Adarsh Govindarajan, President

*New York Water Environment Association*  
Makenzie Sletten, President

*oSTEM*  
Jimmy Harter, President

*Pi Tau Sigma*  
Nik Sanfilippo, President

*Phi Sigma Rho Colony*  
Megan Cassidy, VP of Internal Affairs

*Society and Computing*  
Alex Liu, President

*Society of Asian Scientists and Engineers*  
Purvi Patel, President

*Society of Automotive Engineers*  
Eric Santelmo, President

*Society of Hispanic Professional Engineers*  
Sebastian Cisneros, President

*Society of Women Engineers*  
Jasleen Alexis, President

*Student Association*  
Emma Elliott, Engineering Council Coordinator

*Students for the Exploration and Development of Space*  
William Elliott, President

*Theme Park Engineering Club*  
Ian Buchman, President

*Tau Beta Pi*  
Brian Schleede, President

*Theta Tau/Gamma Delta Epsilon*  
Hollis Pauquette (fall), Regent  
Taylor Marabella (spring), Regent

*UB Nanosatellite Laboratory*  
Mitchell Thurston, Manager, Short Cycle Lab

*UB Pilots Association*  
Shantu Barua, President

*UB Robotics*  
Sean Courtney, President

# 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, 2021, and upon such others as may meet the requirements of their respective degrees. Candidates are listed according to actual date of degree conferral (August 2020, February 2021 and June 2021).*

## 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 2021 commencement programs, candidates for the June 2021 degree conferral date must qualify based upon their UB cumulative GPA through the Winter 2021 session and total number of UB credit hours projected through the Spring 2021 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 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 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 2020

Brandon James Fanelli \*  
Dennis Muthuma § \*  
Joshua Timothy Walz

### February 2021

Abdalla Beshir † \*  
Garrett Steven Betcher \*  
Michael Richard Casciano Jr  
Lisa Hu \*  
Aashish Khadka § \*  
Jung Gi Lee † \*  
Andrew Michael Murchison \*  
Jeremy Speer § \*  
Logan David Tuczak  
Mike John Yedinak

### June 2021

Ethan D. Ackerman §  
Vincent Salvatore Alongi §  
Mirka Samantha Arevalo \*  
Gavin Mathias Armstrong †  
Max Christian Asklar † \*  
Herman Singh Bambrah †  
Samantha K. Barry † \*  
Al Arsh Basheer † \*  
Dylan Patrick Bellomy §  
Michael George Berger †  
Nicholas P. Bluto  
Nicholas James Bourque † \*  
Danny J. Brennan § \*  
Natalie Bruzzi † \*  
Raymond Bryant § \*  
Peter Bui §  
Michael James Buxton Sr § \*  
Joaniel Cardona §  
Stephen Chen † \*  
Brent Chung § \*  
Gabriel Colangelo §

Mitchell Anthony D'Agostino †  
Nicholas Deitrich §  
Adam Mitchell Delorme \*  
Anthony Destaso \*  
Stephen Joseph Durko §  
Jared Dybas †  
Ian Edmister †  
William Joseph Elliott † \*  
Stanley Brian Feldbeyn §  
Madeline Frank §  
Graham Frazer  
Jack Edward Gallagher  
Allison Ann Gardener § \*  
Myles Laurent Geise § \*  
Caitlyn Beverley Gilmartin § \*  
Stephen Emrys Tobias Good  
Patrick Francis Greeley II † \*  
Spencer Ryan Gustavson  
Jimmy Harter §  
Abul Hasib § \*  
Jared Christopher Himes † \*  
James W. Hinman II † \*  
Steven David Horowitz \*  
Ryan P. Hughes §  
Alex Iofe \*  
Danny Jasarevic  
Maximilian James Kapitonoff §  
James Garrett Kelley Jr  
Andrew James Kenny \*  
Adam Khankhel  
Nathan David Kollatz  
Evan Bernard Kuhn †  
Timothy Lincoln LaRose † \*  
Shane Laibach † \*  
Nicholas A. Laska § \*  
Haolun Li § \*  
Elaine Lin \*  
Kaixin Lin \*  
Scott Lyudmer § \*  
Shamik Majumdar  
Jared McMahan § \*  
Brandon Louis Mcdade Gonzalez  
Nolan Robert Mingst † \*  
Kaylah T. Mohammed  
Matthew Anthony Montera † TBP  
Eric Mountain † \*  
Matthew S. Myers †  
Mohsen Mohamed Nashel \*  
Alden Noel †

Yemi Olafe  
Michael Orlowski † \*  
Connor Richard Parrish  
Nathaniel James Polichette † \*  
Brittany Arianna Rada \*  
Joe Usama Razzaque \*  
Stephen Thomas Recktenwald † \*  
Kolos Retfalvi †  
Dakota John Rowehl † \* TBP  
Nicholas James Scheiman §  
John T. Schnier †  
Noah Robert Schutte §  
Michael Leonard Serwon  
Jonathan Michael Sitter † \*  
Samuel Adam Slick †  
Dylan Patrick Stearns §  
Mengyuan Sun † ◊  
Dean Jimmy Swanson  
Chapmann B. Szeto † \*  
Lukas Brian Temperine † \*  
Mitchell Jerome Thurston §  
Kyle Matthew Upson † \*  
Corey Robert Van Auken § \*  
Evan Peter Vogue † \*  
Corey Werner †  
Jordan Brian Wright † \*  
Boxin Xu † \*  
Kuiyuan Xu † \*  
Matthew Zaffram † \*  
David Zheng § \*  
Ian Zhuo † \*  
Brian James Ziff § \*  
Morgan Joseph von Hedemann § \*

## Bachelor of Science in Bioinformatics & Computational Biology

June 2021  
You Wu \*

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

June 2021  
Austin Lane Duger  
Emma Ann Dunn †  
Ryan D. Lutz †



# Baccalaureate Degrees

## Bachelor of Science in Biomedical Engineering

### August 2020

Kennedy Lillian Burns ‡ \*\*  
Jugal Rakeshkumar Lapsiwala  
Fahad Salman

### February 2021

Michael Capella §  
Trevor Kennedy De Las Alas  
Eric Holden  
Stacy Judith Louise Joseph ‡  
Witchell Francesca Lafortune  
Helly Devendra Patel  
Ken Zhang §

### June 2021

Madison Addesa † °  
Matthew John Adroved ‡ °  
Donia W. Ahmed †  
Sydney Noelle Aldrich § °  
Daunel V. Augustin Jr ‡  
Joseph Alexander Avallone  
Hannah Baer ‡ TBP  
Victoria O. Blazeby  
Maxwell David Bondgren ‡  
Jordan Roderick Brathwaite  
Sean David Bruskwicz § °  
Grace Julia Campbell  
Evan Michael Capolino §  
Peter Weirong Chen †  
Mitchell Thomas Chudzik † °  
Zackary Michael Coburn ‡  
Elizabeth Karen Coley  
Kara Commisso §  
Alyssabeth Amber Czajkowski § °  
James Michael Daly  
Cristina Nicole Damiano  
Justin Diehl ‡ °  
Christopher Donnelly § °  
Hannah Clare Dougherty §  
Zeev Elias °  
Sovannrith Em ‡ °  
Hannah Angela Ferrari ‡ TBP  
Yannick Iniatius Mavita Gata  
Nicholas O. Glover  
Aaron Michael Gorsline † °  
Abigail Nicole Grabowski † TBP

Jacqueline Marie Hannan †  
Reece Hoelscher ‡  
Boluwatife Ayomidotun Ibitayo †  
Ann Marie Jones ‡  
Lucas Kanestrin § °  
Simran Kumar  
Meredith Elise Laque  
Lucas Lassinger  
Chris Lawson §  
Alisa Hien Le  
Kelsey Yan Lent-Moore § °  
Isabelle Maria Linares †  
Ryan Charles Lippe  
Willow Marie Lunn ‡  
Xiao Ma  
Taylor Anne Marabella † TBP  
Kaylin McQuillan § °  
Shawn Joseph Miller §  
Mridu Moitra  
Katie Isabel Munechika † TBP  
Nitya Jaya Murali † TBP  
Lucianne Louise Olthof §  
Tiffinie Oo ‡  
Eric Paccione ‡  
Kamal Patel ‡  
Purvi Pratikkumar Patel ‡ °  
Cesar A. Ramirez §  
Nicholas Joseph Rizzo §  
Anthony Charles Romeo §  
Jessica Saller \*\*  
Jason Seet  
Samantha E Seymour † °  
Taylor Victoria Shunk † TBP  
Bethany June Siau  
Jacob Simonsen °  
Nicholas Anthony Simpson  
Andra D. Sullivan † TBP °  
Vincent Italo Tricozzi †  
Javier Trifundio § \*\*  
Victoria Mary Tripodi ‡ TBP  
Cheyanna Lynn Tuttle †  
Rachael Marion Warren ‡ TBP  
Connor D. Weatherwax  
Stephen A. Wells  
Aruran Wigneswaran  
Elise Marie Williamson  
Xin Xie § °  
Okdem Yoldashov  
Kelly Zheng §  
Zoya Atiq

## Bachelor of Science in Chemical Engineering

### August 2020

Betsy Ann Shepard

### February 2021

Nicholas Piekarski §  
Claire Christina Shamul §

### June 2021

Dalal Alamiri §  
Miles Christopher Allen †  
Elisabeth Dayang Anak Jilan  
Hakim Mustafa Arman  
Dzejna Asceric  
Owen Michael Baker  
Nyle Alan Bird  
Melissa Eden Bonilla  
Jacob Michael Brill ‡  
Jacob Carbone  
Michael Carnival §  
Michael Chan  
Katelyn Chang  
Kai Chen  
Alexander Edward Cherniwchan  
Elliott William Dichristopher  
Ritika Gangaraju §  
Kristopher Michael Gedeon  
Jack Germano  
Kean D. Gibbons Jr §  
Jason Gomez  
Casey Marie Grosso †  
Derrick Huang  
Robert E. Jankowiak † TBP  
Ian George Johnston ‡  
Joseph Warner Kulczyk §  
Noah Zachary Lamie ‡  
Oscar Lee §  
Jacob Scott Licht  
Hyo Jin Lim ‡  
Cameron J Lloyd  
Cole Marschner †  
Christopher Joseph Martin  
James Michael Martusciello  
Vincent James Matteson † TBP  
Madison Neal Mccllelland  
Jacob Riley Mcwhinnie †  
Alyssa Marie Mei §  
Samuel Andrew Ministero

Ellie Nedkova  
William O'Brien † TBP  
Thomas O'Carroll §  
Kendall Katherine Owczarzak  
Vicky Pham †  
Viet Quynh Anh Pham  
Pranav Vinod Pillai §  
Brent Piotrowski †  
Melanie Kathryn Ragonese † TBP  
Dilakshana Ranjit  
Scott Michael Reese † TBP  
Andrew J. Reilly †  
Matthew Shaw §  
Matthew Steven Spink †  
Mandisa Sarafina St Hilaire  
Nathan Stawasz  
Ryan Christopher Thompson  
Aniella Marie Torres §  
Tara Ann Vanderbush  
Eliana Velarde Kuncar §  
Madeline Wahl  
Liam James Weidner  
Sarah Wormer † TBP  
Oscar Yeung †  
Cedrick Bilongo Zola

### **Bachelor of Science in Civil Engineering / Master of Business Administration**

#### **June 2021**

Christopher J. Luther  
Michal Hipolit Muzyk  
Rich Chih Yi Van

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

#### **August 2020**

Zeyad Erachadi  
Matthew Francis Hosek  
Megan Terry  
Eric David Zimpfer

#### **February 2021**

Ryan Abruzzo  
Matthew Evangelista Becker

Kevin Riley Culp  
Marvin Scott Diaz §  
Jesus H. Gonzalez Duran  
Jake Connor McCarey §  
Thomas Joseph McMahon †  
Vincent Millan †  
Michael P. Schreiner §  
Noah Daniel Wegener †

#### **June 2021**

Austin Sam Aiello  
Zeynel Eyup Can Akcadag  
Andrew B. Aunkst  
Orkun Giray Aytas  
Sebastian Baculima Chicaiza  
Paulette Baque  
Jordon Bartley  
Rodrigo Betanzos Cancino  
Berk Bilek  
Kevin P. Bochenski  
Hannah Bocker  
Monica Boehmer † TBP  
Maranatha Jayne Boris  
Nicholas W. Boulton  
Ian Buchman  
Zachary Thomas Carlson  
Michael Alexander Cascone  
Ashly Nicole Celestino Hernandez  
Baris Cetinok  
Cheng Chang  
Ming Chen §  
Franklin E. Chullo Saloma  
Julia Marie Connor  
Vincent P. Costagliola §  
Mark Cronmiller  
Ernesto Cruz Martinez  
Hannah Cupples  
Anthony Michael Degregorio  
Beste Cagla Dereli  
Batuhan Dogan  
Brian Robert Dunn †  
Ryan Michael Egan §  
Serhat Feyruz Ekmen  
Mikaela Ruth Elkins § \*  
Yagiz Mert Erkmen  
Metehan Erten §  
Gerardo Escamilla  
Husamettin Kaan Fadiloglu  
Mohammad Farraj  
Kyle Patrick Firoz

Sean Patrick Flynn  
Jonathan Michael Fomenko †  
John Galeotafiore III  
Gunnar James Galuszka §  
Michael Gerard Gibbons  
Alexander John Giegerich  
Emmett Michael Glynn  
Catherine Rose Goerss-Murphy † TBP  
Felipe Gonzalez Lemus  
Andrew William Graham §  
Berke Isik Gulmez §  
Raymond Jeffrey Hayden  
Jackie Huang §  
Brian Craig Kennedy †  
Andrew Samuel Kist †  
Adam Krathaus †  
Brandon Kah Ho Lau †  
Aaron William Lembaris  
Melody Qiao Lin §  
Joseph Michael Loewer §  
Yosneida Lopez  
Matthew Robert Lovejoy  
Andrew Markoe §  
Lee J. McElhinny  
Walter Julian Michalski III  
Paul Robert Milliken †  
Faris Azizi Mohamad Hashim †  
Brendan Gerard Mulcahy † TBP  
Yeimy L. Munoz Ruiz §  
Connor William Murphy  
Nicolas Naranjo  
Jessica Nguyen  
Nathanael Niles §  
Damla Nurioglu §  
Ethan Andrew O'Connell †  
Kevin William O'Leary §  
Joseph Ogorek †  
Asyraf Othman §  
Harsh S. Patel  
Susan Aby Paul §  
Matthew Timothy Pestinger †  
Justin Christos Petsos §  
Austin Daniel Pieniaszek  
Rohit Hasan Pollock  
Runhong Qiu  
Olivia Elyse Reinhardt †  
Jonathan Thomas Rizk §  
Eli John Robideau †  
Rishi Roy  
Rebecca Jean Rozeski

# Baccalaureate Degrees

Brandon Scott Ruffner  
Miranda Rusinski §  
Elis Salkic  
Joseph Santoro Jr  
Esther Saula ‡  
Tyler David Saulsgiver  
Jostein Seljegard †  
Alp Emir Sen  
Emile Seraphin  
Shayan Soltanian §  
Zachary Scott Swere  
Ahmed Farooq Farooq Tanveer  
Meghan Elizabeth Taylor  
Michael James Telesco Jr  
Salam Teouri §  
William Tesoriero §  
Kiera Toles  
Samantha M. Trabold  
Deniz Turgut  
Ismet Semih Uzuner §  
Jacob M. Valensi  
Tony Wang  
Andrew Dennis Weissenberger  
Jiatao Wu  
Jared Robert Zaccari

## Bachelor of Science in Computer Engineering

### August 2020

Jacob Cano

### February 2021

John James Klein

### June 2021

Sean Philip Courtney §  
Anthony DeMartino †  
Casey Ryan Dolan  
Cullen Thomas Gallagher †  
Jason Roy Gonzalez  
Samraat Gupta † TBP  
Alexander M. Hepel §  
Arman Morshedul Hoque ‡  
Daniel Jin ‡  
Sean Jeffery Jones † \*\*  
Motaz A. Khalifa  
Anthony John Lipari III

Dazhou Liu §  
Eric Liu §  
Benny Loo §  
Joshua Meier §  
Krishna Menon ‡  
Michael Scott Morgenthal ‡  
Steven Palacio  
Miren R. Patel  
Tyler Perison †  
Rayan Ray ‡  
Malik Saleh  
Connor J. Siem §  
Vikram Singh †  
Jacob Owen Springborn ‡  
Jinyi Tao §  
Xiaoang Zhang

## Bachelor of Arts in Computer Science

### February 2021

MD Rafsan Chowdhury  
Jama Ibrahim Jama  
Jack Li §  
Louis Anthony Mott §  
Xinlin Julie Zhu

### June 2021

Zhixin Chen §  
Clara Eve Cook † \* TBP  
Xander Covert §  
Henry Benjamin Dacres  
Sadequs Saleheen Haque  
Christopher Ryan Holmes  
Adam Jbarah \*  
Joshua Michael Lacey  
Alex Lin §  
Jiahao Zhang  
Lexi Zhang  
Shijia Zheng †

## Bachelor of Science in Computer Science

### August 2020

Jaskeerat Singh Brar  
Kai Alexander Bustos  
Phoenix Cerny §

Jennie Elizabeth Chepenuk  
Jonathan Goodrum §  
Gunjan Gupta  
Justin Elliot Henderson  
James S. Hess Jr.  
Matthew Alexander Howard  
Fei Ji §  
Yusen Jiang  
Patrick Kearney †  
Thomas Cole Leboffe  
Xiang Li  
Yonghui Lin §  
Julian Malina § °  
Luke Douglas McDaniel  
Joseph F. Naro §  
Hana Basheer Palliyalil  
Shen Qi  
Andrew Fernando Quinonez ‡  
Emily Galbraith Ryer  
Abdulrasaq Oke-Ola Saliu  
Gustavo De Lima Zanella  
Fan Zhang

### February 2021

Elijah Einstein §  
Abdulla Mohamed Abbadi  
Colin Douglas Ackerman  
Moulid Adan  
Rasel Ahmed  
Di Ai §  
Maria Anikina  
Hussein Atwa Barakat  
Siddharth Bandhu  
Javiaire L. Barr  
John G. Braganza §  
Alexander Brewer §  
Riley Burczynski †  
Travis Robert Bute  
Hamza Tahir Butt  
Tianyu Cao §  
Vinson Chen  
Felix De Leon §  
Michael Deng  
Drew Mitchell Fiutko §  
Andrew Fuchs ‡  
Kevin McKinley Good  
Joshua Joseph Grimm  
Raymond Groesbeck  
Guangxing Huang ‡  
Mohammad Hasib Bin Islam

Calvin Andrew Kyi  
Amanda Nicole Nguyen La \*  
William Andrew Lenore  
Kevin Hua Lin †  
Hanming Liu  
Sandy Liu †  
Jared Duran Lockhart °  
Alejandro Mendez Matias  
Chaitanya Rishi Nallapareddy §  
Vasanth Anuraag Neppalli  
Liam Thomas Orr †  
Christopher Joshua Perez †  
Aniruddh Nitin Rao †  
Aidan Patrick Robb §  
David Rodrigues §  
Jose M. Romero  
John Timothy Stone IV †  
Bowen Sui °  
Hunter Ashton Tintera †  
Hoan Duc Tran †  
Jennifer Tsang \*\*  
Tyler J. Valkavich §  
Hao Wang  
Mingrong Wang  
Justin Robert Whitehead  
Matthew Vincent Wiewiorski † TBP  
Aaron Joseph Wilson  
Liam Maddox Wong  
Charles Allen Wood Jr †  
Aiden Yang  
Ming Zhang  
Tracy Zheng  
Jingjing Zhuang  
Zechariah Daniel Zientek §

#### June 2021

Hrishikesh Ahire  
Parth Ahuja †  
Intesar Ilham Alam  
Musaiyab Ali  
Alexi Armen Ambarchian  
Jasjeev Singh Anand  
Tyler Marie Anatole  
Nicholas Gerald Anzalone  
Faizaan Arshad  
Chinmayee Hemant Bandal  
Badis Ben Khamsa †  
Anthony Bhasin †  
Arjun Bhaskar §  
Daniel Anthony Bielli

Sam Bond †  
Nelaje Sadae Brianna Branch §  
Sean Brasse  
Jason Britto †  
Michael Francis Carlow III  
Liam Scott Carroll  
Nicholas J. Ceccarelli † \*\* TBP  
Baicheng Chen  
Kevin Chen  
Ling Chen §  
Xiangwei Chen †  
Xingyu Chen †  
Yangtao Chen †  
Yinxia Chen  
Katherine Cheng  
Jesse Michael Clapper  
Brandon Alex Clarke †  
Jordan Alexander Clemons §  
Emery Jacob Comstock †  
Zachary William Congi  
Daniel Connolly °  
Nicholas Cumbo §  
Anarghya Das † TBP  
Arnab Kanti Das  
Kartikeya Kumar Das  
Nitish Dhinakaran †  
Jordan Tristan DiLapo †  
Victoria Dib §  
Himani V. Dodeja § \*  
Liang Dong  
Kyle Mark Doran  
Ethan Robert Doyle § \*\*  
Joseph William Dubill  
Ayoub Elmoutaouakkil  
Chima Ezeilo §  
Victoria Frances Faltisco †  
John Andrew Ferenczy  
David Forrest Jr †  
Michael Frank †  
James Thomas Franz  
Anthony Garcia  
Lars H. Gartenberg  
Jessica Grogan §  
Hussein Ali Hamdan  
Angela He  
Shanren He †  
Brandon Hosken  
Ralph Huang  
Jin Kyu Hwang  
Aditi Jambavat †

Andrew R. Jank †  
Jewan Jeffries  
Mayank Shekhar Jha §  
Shrishty Jha †  
Matthew G. Johnson §  
Ousman Kaba §  
Lisa Maya Medeiros Kanbur §  
Louis Kerner  
Navid Saad Khan §  
Nick Kobis † °  
Justin James Kozlowski † \*\*  
Shreya Shreekant Lakhkar †  
Chik Lam †  
Brandon Lau §  
Montana Lee §  
Ming Zhao Li  
Terence Li  
Ying Yin Li †  
Yingwei Li  
Chaoping Lin †  
Chuan Lin  
Fulton Lin  
Weigang Lin  
Alexander Liu †  
Steven Liu §  
Yaodong Liu  
Lisander Lopez  
Tim Losito §  
Jacob Evan Majewski  
Manav Majithia  
Shazmaan Mohamed Malek †  
Sachal Malick †  
Gillian Rose Marcus †  
Tamaghan Maurya  
Eoghan (Owen) McCarroll §  
Dorian William Mcmath  
Judy Mei §  
Andrew James Mikalsen TBP  
Nicholas Moore §  
Philip Tyler Moraski  
Samuel Tyler Morris  
Scott Mrzygut  
Nicholas Francis Murphy  
Urjitha Muthiah †  
Runpeng Pan  
Rishit Parihar  
Anant Patni §  
Aritra Angan Paul  
Hollis M. Pauquette  
Prakhar Paw † TBP

# Baccalaureate Degrees

Jeremy John Pearce §  
Kyle Pellechia ‡  
William Phillips  
Andrew C. Qu  
Zhi Wei Qu  
Nafin Rahman  
Thomas Joseph Rossetti  
Jacob Santoni ‡  
Dylan Thomas Schillaci  
Brandon George Schoener †  
Kat Semenova † \*\* TBP  
Ananya Sharma  
Daniel M. Shekhtman §  
Zhongai Shi †  
Zhongen Shi †  
Kyle Mathew Shuttleworth  
Messiah K. Smith-Bonet  
Maximilian Daly Stock  
Tiffany Page Tate  
Pranshu Teotia ‡  
Manan Tiwari † TBP  
Andrew Ralph Tleon ‡  
Kevin Truong TBP  
Hugo Tso †  
Evan James Turner  
Edgar Ustian  
Vlad Vasiuk  
Mohan Vellayan  
Geoffrey Wang  
Kevin Wang §  
Tristan Richard Wiley  
Andrew Woloszyn ‡ °  
Conan Wong †  
Kevin Wu \*  
You Wu \*  
Jacob Joseph Wukovits  
Ryan Xu †  
Jiaqi Yang †  
Zhiting Yi §  
Xiaoyu Zhang §  
Xuanhua Zhang ‡  
Fuming Zhao †  
Enhao Zheng ‡  
Tao Jun Zheng † \*\*  
Winnie Zheng ‡  
Bryce Zhong §  
Brandon Zhuang

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

June 2021  
Alan Christie ‡  
Jamie Rosner §  
Will Swartwood †

## Bachelor of Science in Electrical Engineering

August 2020  
Chitvan Chauhan  
Omeed Hadian ‡  
Brendan Rajen Patel  
Kris Sennik  
Ryan Theodore Sharpley  
Frank Joseph Wozniak

February 2021  
Elan Anderson  
Colin Boice ‡  
Daniel P. Cannon §  
Samuel Laurence Delucia  
Casey James Elbert  
Hao Fu  
Ryan Gangwish  
Adam Robert Holzinger  
Ashwin Jajoo ‡  
Cody Lee Kowal †  
Tarun Kumar ‡  
Ivan Mei ‡  
Ryan Printup §  
Jomo Ture Richards  
Mikhail Svirgun

June 2021  
Kristiyan A. Aleksandrov §  
Ian Kevin Alleyne ‡  
Philip Mugisho Bagalwa  
Andrew Michael Bialy §  
Alyssa Bortfeldt † TBP  
Darlene Andreia Bueno §  
West Burlee †  
Ethan Patrick Carlock ‡  
Adam Michael Cavallari §

Kevin Chen ‡  
Wei Hao Chen  
Devraj Naveen Chowdhary  
Rahul Chowdhury §  
Pedro Cornejo  
Yuqing Cui §  
Jonathan Daity  
Nathan Paul Delsignore ‡  
Brendan Joseph Desrosiers  
Timothy Eben Dora §  
Dirk Douglas ‡  
Justin Aaron Drexler §  
Dylan M. Easterly  
Bella Christina Esposito ‡  
Mira A. Esposito §  
Diana Lynn Franzone §  
Kyle William Gigler §  
Drew Gold †  
Adarsh Govindarajan §  
Taylor Kristina Grupp §  
Michael John Hagelberger †  
Tyler Alexander Harrilal-Samuels  
Mohamad Hilmi Bin Hassan §  
Colin David Hebler ‡  
Ben Edward Hingston  
Sm Ibtesam Haque  
Gabriel Insogna  
Adam Joseph Israel  
Peter John Jeske §  
Kevin Lee Johnston  
Eoin Edward Joyce ‡  
Daniel Matthew Kane §  
Abdullah Khan §  
Arian Rahman Khan  
Ismail Khan §  
Rebecca Kerry Knapp  
Logan Richard LaChapelle †  
Hao Li ‡  
Johnny Liang †  
Chad Andrew Lillie  
Liam Liu §  
David Vinicio Lora §  
Michelle Sayson Malayba †  
Matthew Alexander Mancuso ‡  
Robert Mandato §  
Isaac Maraboli  
Michael Patrick Marcotte ‡  
Nicholas Daniel Mccartney †  
Isaac Benjamin Morrison ‡

Ryan David Penrose §  
Zacharias Peters §  
Carson Tyler Profic §  
Ehsan Rafique ‡  
Bryan Rambach §  
Justus Alan Richardson §  
Kyle Anthony Robinson  
Manuel A. Sandra  
Adrian Savory  
Frank Alex Scheuer §  
Brian Keith Schleede † ◊ TBP  
Lyra Victoria Schmidt  
Jared Matthew Scott §  
Jerry Seifert  
Zachary Michael Stanley  
Brandon James Statz †  
Kenneth Patrick Stehle §  
Christopher Joseph Stein †  
Yathavan Subramaniam §  
Cortland Konnor Swiech  
Thomas Anthony Terino Jr §  
Dylan J. Tua ‡  
Kyle Pranry Tung  
Jacob Paul Vitko §  
Daniel Richard Walsh † TBP  
Evan Scott Whitehead ‡  
Andrew G. Williams §  
Felix Wong †  
Cooper Gene Woodward ‡  
Jon Yaeger †  
Daniel Zahlhas §  
Zhiyuan Zhao †  
Zachery T. Zielinski §

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

### **June 2021**

Valerie Jane Bevan ‡  
Roxanne Elizabeth Birx §  
Emily Louise Blanchard ‡ TBP  
Wijitra Burapan ‡  
Katelyn Kimiko Burns §  
Megan Nichol Cassidy §  
Morgan Ashley Connelly §  
Mikaela Ruth Elkins § \*  
Nia Gilliam § \*\*

Kyle Wade Halford Jr. †  
Nour Gaber Haredy §  
David Hu  
David Huang ‡  
Isabel Rose Kulakowski §  
Shin Jeat Kwan §  
Melissa Rose Leberer  
Andrew John Lundberg  
Alexander James Schroding Miller §  
Taylor J. Monnin  
Sydney Jeannette Parker  
Rose Rika Richelsen †  
Matthew Rua  
Charlotte Ann Rutnik §  
Emily Segelhurst §  
Grace Sheckler †  
Makenzie Linay Sletten  
Kathleen Elizabeth Smith  
Margaret Sramek  
Felicia Madison Vanier §  
Sarah R. Wagner † TBP  
Jonathan David Werner  
Jianqi Zhou §

## **Bachelor of Science in Industrial Engineering / Master of Business Administration**

### **June 2021**

Jalasia DeMember  
Mehmet Sean Ozel  
Stephen Scurti †  
Evan Neil Spector ‡

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

### **August 2020**

Tyler Macey  
Jitesh Rai  
James Villari

### **February 2021**

Tyler Scott Anderson  
Abdullah Ba Basaran  
Jessica Brooke Davis

Nicholas Delli Pizzi  
Miguel Daniel Hernandez  
Aaron Matthew Hilton ‡  
Joshua Hornberger §

### **June 2021**

James Francis Alberg  
Hithem Alhorebi  
Anthony Annunziata  
Emily Louise Barnard  
Allison Rose Boepple ‡  
Martin Bustamante  
William Russell Cody †  
Emma Thomas Crooks †  
Ryan James Cummings  
Dylan Czubak ‡  
Brandon John Francisco  
Elizabeth Sunshine Friar ‡  
Sabrina Giacona ‡  
Alexander Ho  
Ricardo Jose Izquierdo De Leon ‡  
Kayla Marie Joseph §  
Jieun Lee §  
Eugene Liang  
Sean P. McGroarty ‡  
Adam M. Meyerhofer §  
Sarah Nicole Miller  
Samir Michael Samir Nino ‡  
Sonjii Alyssa Parris  
Haseeb Raza  
Lucas David Robinson §  
Makayla Courtney Roma † ◊ TBP  
Kristen Taylor Ross ‡  
Oloruntimilehin Sadiku §  
Gaurav Saini  
Matthew Seminario  
Aditya Sherasiya §  
Rachael Steegmann  
Carmen Su §  
Justin Jeremiah Suriel §  
Jefferson Andy Charles Thevenin  
Ian Robert Unson † \*\* TBP  
Michael Thomas Verdi † TBP  
Chantal Warner † TBP  
Lucas Christopher Wickham ‡  
Milton Wong  
Zhilong Zhang §

# Baccalaureate Degrees

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

### June 2021

Maxwell Bowersox §  
Austin Andrew Crosby †  
Anton Fischer § \*\*  
Edward Halady ‡  
David Intini †  
Dominic Robert Skakal §

## Bachelor of Science in Mechanical Engineering

### August 2020

Taylor Ashmore  
Caleb James Edelstein  
Brandon James Fanelli \*  
Tyler David Hoellig  
Lingyang Ma  
Dennis Muthuma § \*  
Eric Thomas Rogers §  
Heeyeun Shon §  
Michael Zhina

### February 2021

Emily Kate Agle §  
Ronald Wilson Leandro Archer  
Luke Baldy  
Abdalla Beshir ‡ \*  
Garrett Steven Betcher \*  
Adam Bitondo  
Christopher Charles Borders  
Joseph Brydges Brown  
Alec Bosworth Carsky  
Emma Catipovic  
Wenjin Chen §  
Philip Alexander Cheung ‡  
Kyle Michael Chiapperino  
Christian Closs ‡  
Matthew DiCarlo  
David Edwards  
Adrian Alexander Emmi  
Kwesi Kevron Francis  
Anthony Garcia

Lisa Hu \*  
Daniel P. Jenkins  
Ajibola Dolapo Jimoh §  
Aashish Khadka § \*  
Cole Lapi † \*\*  
Jung Gi Lee ‡ \*  
Haoming Li  
Ziqi Li § \*\*  
Adeeb Masood  
Gary Michael Moncalian  
Andrew Michael Murchison \*  
William Edward Myers  
Kishan Patel  
Myanah Marie Pierre-Louis  
Stephen Charles Purk  
Gabrielle E. Reid  
Jonathan Riskin  
Miguel Alejandro Sanz Matos  
Brandon Schoenhardt ‡  
Steven William Shephard Jr †  
Jeremy Speer § \*  
David Michael Tomford  
Andrew Victor Tursi §  
Denis Unrein  
Xiaolin Wang §  
Owen Michael Wegman ‡  
Jackie Zhen Jie Zhong

### June 2021

Andrew Abdalla ‡  
Haziq Bin Ahmad Radzuan §  
Osama Alomari  
Cesar Ulices Arevalo  
Mirka Samantha Arevalo \*  
Vincent Artuso §  
Max Christian Asklar ‡ \*  
Timothy William Asquith ‡  
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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 75 years of educational and research excellence and service to the technical 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, one hundred years after the University at Buffalo was founded, the School of Engineering was established. The school was 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 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. The unit changed its name to the School of Engineering and Applied Sciences in 1989.

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. The environmental engineering program was established in 2000. In 2010, a new department of biomedical engineering was formed in collaboration with the UB Jacobs School of Medicine and Biomedical Sciences. 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 far since 1946, when it first held courses in the newly dedicated Karr Parker Engineering Building. Parker Hall was immediately enlarged to accommodate traditional students and returning GIs 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. Our newest building, Davis Hall, opened in 2011 and features 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 and Baldy Hall.

## 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 seventy-five years, thirteen distinguished educators have served as leaders of the school. In 1946, Paul E. Mohn became the first dean. His thirteen-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; Howard E. Strauss was acting dean from 1966–1967. When the Faculty of Engineering and Applied Sciences became the administrative body of engineering at SUNY 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/dean from 1971–1977. George C. Lee took office as dean in 1978, and served 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 in 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 direction with the invaluable support of our dedicated staff, students, alumni, friends, 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. More than 35 of our faculty have been elected as Fellows of engineering professional societies and 41 are National Science Foundation early career award winners. In the past three years, 6 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

The School of Engineering and Applied Sciences was an early innovator in reforming the traditional preparation of beginning 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 social needs like health care, personal security and recovery from natural disasters. SEAS is the home of such prominent interdisciplinary research and educational programs as the Artificial Intelligence Institute, Biology with X-ray Free Lasers Science and Technology Center (BioXFEL), Blockchain ThinkLab, Cell, Gene and Tissue Engineering Center (CGTE), Center for Multisource Information Fusion (CMIF), Center for Space Cyber Strategy and Cyber Security, Center for Unified Biometrics (CUBS), Center for Excellence in Information Systems Assurance Research and Education (CEISARE), Center for Hybrid Rocket Exascale Simulation Technology (CHREST), MCEER (Earthquake Engineering to Extreme Events) 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 for Computational and Data-enabled Science (ICDS), Institute of Bridge Engineering (IBE), Stephen Still Institute of 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 \$82 million.

Historically, the School of Engineering and Applied Sciences' 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 36,000 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 to be done. We take great pride in training the next generation of great engineers 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)



# UB Engineering and Applied Sciences Alumni Association Letter

Dear Class of 2021,

Commencement is a sacred time shared across the University at Buffalo community as a way of recognizing and celebrating the remarkable achievements and diligent work of you—our newest alumni.

This spring, perhaps your last semester at the University at Buffalo, is a time you and your families have been anticipating for many years. But none of us could have imagined that your final year would be marred by a global crisis of unprecedented magnitude.

Yet I know that each of you is resilient and has the ability to persevere through difficulty. After all, you are engineers. 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 from Western New York to around the globe. Today, you join – and will improve upon – this rich tradition of excellence.

However, success should not 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 and Applied Sciences 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 sought to impact 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 and Applied Sciences Alumni Association, its Board of Directors, and the more than 36,000 members who have preceded you, we welcome you with open arms. Together, we are UB.

Be bold,

Jordan Walbesser (BS CEN'07, JD'10)  
*President, UB Engineering and Applied Sciences Alumni Association*

## UB Alma Mater

*Music by UB Students in 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 2021,

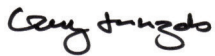
Congratulations! On behalf of the UB Alumni Association, I'm delighted to welcome you to your global network of more than 280,000 alumni. You've persevered during a year like no other, and we're proud of all you have accomplished.

As you begin your next chapter, please stay in touch! We have so many ways for you to remain connected—to UB and to each other—through email and social media, as well as through alumni events and volunteer opportunities happening across the country and around the world.

What does this mean for you in practical terms? It means that career help, volunteer opportunities, and engaging educational and social events are all yours for the taking. To learn more about what's available with your new alumni status, visit [buffalo.edu/alumni](http://buffalo.edu/alumni).

Remember, this isn't goodbye—it's WELCOME to the UB alumni family. We know you'll always be True Blue and will proudly keep your Horns Up, wherever you go and whatever you do. Contact the Office of Alumni Engagement at [ub-alumni@buffalo.edu](mailto:ub-alumni@buffalo.edu).

Go Bulls!



Gary J. Jastrzab, BA '76  
President, UB Alumni Association

P.S. Keep your @buffalo email for life simply by logging in through a browser every 90 days.

## The UB Mace

The mace is part of the medieval traditions of the university. It was originally a weapon used to protect kings, and then by 1200 became more and more a symbol of authority.

The UB mace is designed to tell the story of UB and the Niagara Frontier. Fashioned by silversmith Hudson Roysner 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

The University at Buffalo has come a long way since its founding in 1846 as a small, private medical school in downtown Buffalo. Today it is an internationally renowned public research university—the largest institution in the State University of New York system—with three vibrant campuses, 13 schools and colleges, and most importantly, upward of 30,000 students every year developing the knowledge, confidence and passion to make the world a better place.

In the words of President Satish K. Tripathi, “UB has always been defined by our community’s intellect, innovations and contributions to humanity. And it will continue to be for the next 175 years—and beyond.”

