

SEVENTY-FIFTH ANNUAL



COMMENCEMENT CEREMONY 2

Saturday
May 18, 2024
1:00 PM
Alumni Arena
North Campus

Kemper E. Lewis

Dean

Land Acknowledgment Statement

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



Program

Processional

Selections from Pomp & Circumstance by Edward Elgar

Opening Declaration

David Kofke
Mace Bearer, Walter E. Schmid Chair
SUNY Distinguished Professor
Director of Undergraduate Studies
Department of Chemical and
Biological Engineering

Welcome

Jeffrey R. Errington Senior Associate Dean for Academic Affairs, School of Engineering and Applied Sciences

National Anthem

Kira Whitehead BFA, Music Theatre '24

Introductions

Senior Associate Dean Errington

Greetings

Satish K. Tripathi
University President

Remarks

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

SEAS Dean's Award for Achievement

Victor Bahl, BS EE '86, MS EE '88 Technical fellow and chief technology officer of Azure for Operators in Microsoft Strategic Missions and Technologies division

Student Address

Rahul A Thurairatnam MS, Electrical Engineering '24

Conferring of Degrees

President Tripathi

Alumni Welcome

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

Alma Mater

Kira Whitehead BFA, Music Theatre '24

Closing Declaration

David Kofke

Recessional

Triumphal March from Aida by Giuseppe Verdi

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.



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, which she co-chairs. In

this role, 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. In 2022, Lewin was named co-chair of the 5/14 Remembrance Committee to honor the mass shooting victims of the May 14 tragedy in East Buffalo.

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 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.

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 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. He has received honorary doctorates from the Indian Institute of Information Technology, Allahabad, and Brock University in Canada.

Tripathi is co-chair of the Association of American Universities (AAU) Task Force on Expanding U.S.-India University Partnerships, and he serves on the College Football Playoff Board of Managers. Previously, he was chair of the Mid-American Conference Council of Presidents and Internet 2. He also served on the boards of the AAU, the NCAA Division I, the NCAA Board of Governors, the Association of Public and Land-Grant Universities and the 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; diversity and inclusion 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 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. 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 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

Victor Bahl, BS EE '86, MS EE '88



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 Victor Bahl. Victor Bahl, BS EE '86, MS EE '88 is a technical fellow and chief technology officer of

Azure for Operators in Microsoft Strategic Missions and Technologies division. Prior to this, he was the founding director of networking research in Microsoft and a member of the senior leadership team in Microsoft Research. With over 35 years of industry and research experience, Dr. Bahl advises Microsoft's CEO and senior leadership team on long-term strategy related to NextG, edge computing, cloud infrastructures, networked systems, mobile computing & wireless systems. He is the original co-inventor of the edge computing paradigm and architecture and thought leader behind industry-wide edge computing products. He is also one of the architects of the telecommunications and cloud convergence strategy that led to the creation of Microsoft's Azure for Operators business.

Dr. Bahl has delivered numerous foundational technologies to Microsoft Azure, XBOX and Windows that also span the industry. They shaped new datacenter architectures, new networking protocols and optimizations, new network management systems and new consumer experiences. A few well-known technologies he delivered include the world's first Wi-Fi hotspot network, the world's first radio frequency based indoor localization system, the world's first Multi-radio network and the world's first wireless virtualization architecture. His evangelism and technical contribution and advocacy of dynamic spectrum access led to the United States FCC opening 180 MHz of spectrum for unlicensed use. He has published over 130 papers with over 76,000 citations; he is the author/co-author of over 200 patents and has won three test of time and four best paper awards. For his professional and research leadership he has received numerous prestigious awards including four lifetime achievement awards from the ACM and IEEE organizations. He is the founder/co-founder of ACM SIGMOBILE, MobiSys, GetMobile and several other important conferences and journals. He received his BSEE and MSEE degrees in 1986 and 1988 from the University at Buffalo and his Ph.D. in 1997 from the University of Massachusetts Amherst. Dr. Bahl is a Fellow of ACM, IEEE, and AAAS. The University at Buffalo is honored to recognize Victor Bahl 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

Jámes DeSerio
President. DeSerio Engineers

1982

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

1083

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

1984

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

1085

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

1087

H. Robert Leland President, Calspan Corporation

1088

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

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

1002

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

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

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

1995

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

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

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

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

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

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 Exective Officer ICONICS

2011

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

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.

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

Krishna Kolluri, MS IE 1988 General Partner New Enterprise Associates

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

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

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

2019

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

2020

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

2021

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

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

2023

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

Student Speaker

Rahul A Thurairatnam MS Electrical Engineering



Rahul A Thurairatnam of Johor Bahru, Malaysia, graduates with a Master of Science in Electrical Engineering. Rahul works on campus as a cleanroom technician in the Davis Hall Electrical Engineering Cleanroom, as well as a Student Assistant Supervisor at UBIT Help Center. Before coming to UB, he worked at Micron Singapore as an Automated Materials Handling System (AMHS) technician, working on the robots that transport

semiconductor wafers from one process machine to another. Rahul has participated and led STEM workshops in Malaysia and Singapore, and took part and facilitated events for Young Southeast Asian Leaders Initiative (YSEALI) which is organized by the United States Mission to ASEAN.

Alumni Speaker

Nathaniel Bolt, BS '11

President, UB Engineering and Applied Sciences Alumni Association



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

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

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

The First Commencement

The first commencement of The University of Buffalo was held at the First Presbyterian Church on Wednesday, June 16, 1847, when medical degrees were conferred on seventeen "young gentlemen." The event was witnessed by "quite a large concourse of our citizens, as the occasion was a novelty here," according to the newspaper report.

After an impressive and appropriate prayer, the Honorable Millard Fillmore, Chancellor, delivered an address dealing principally with a historical sketch of the rise and progress of education in Buffalo. Following music by the choir and conferring of degrees, Professor Hamilton spoke to the graduates. His address was described in a local newspaper the following day as a "feeling and beautiful effort complete with high sentiments, of sound morality and enlarged and pure philanthropy, which, if made the rule and guide of the young gentlemen to whom it was more immediately directed, cannot fail of making them ornaments to their profession and to society . . . in thought, word and deed."

After 16 weeks of study, which in those days was the entire medical preparation, each graduate was cited for having "specialized" in one of the following: Hernia, Empiricism, Remittant Fever, Pneumonities, Mania Potu, Puerperal Fever, Erythema, Anatomical Fractures, Typhoid Fever, Pneumonia, Acute Laryngitis, History of Physiology, Dyspepsia, Haemorrhagi, Inflammatory Croup, Pregnancy, Scarlatina

The students had paid \$62.00 for all the lectures in the entire course, plus a \$3.00 matriculation fee, \$5.00 for a "demonstrator's ticket," and \$20.00 for a graduation fee. Board, including fuel and light, cost from \$2.00 to \$3.00 per week.

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

Jeffrey R. Errington Senior Associate Dean for Academic Affairs, Chemical and Biological Engineering

Moises Sudit Associate Dean for Research, Industrial and Systems Engineering

Kristen R. Moore Associate Dean for Equity and Inclusion, Department of Engineering Education, Department of 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

Victor L. Paquet Industrial and Systems Engineering Alan J. Rabideau Civil, Structural and Environmental Engineering

Krishna Rajan Materials Design and Innovation

Mark T. Swihart
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)

Paul Ameis* Chief Operating Officer, VanDeMark Chemical, Inc.

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

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

Bill Harris

Director, Innovation Advisory Partners

Cynthia A. Hoover* Executive Director, Linde Engineering Americas

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

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

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)

Mark Santoro* Principal Engineering Fellow, Hardware Engineering Center, Raytheon Intelligence and Space

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

Jonathan Watts, P.E.*

Director of Operations, Nelson Nygaard

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



Baird Point is an outdoor, Greek-style amphitheater located on the southern shore of Lake LaSalle. It was a gift to the University from the Baird Foundation and the Cameron Baird Foundation. The marble columns on the concrete platforms were once part of the old Federal Reserve Bank in downtown Buffalo.

Following their relocation to the lake, the columns were dedicated as a memorial to servicemen and servicewomen.

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 13, 2024, and upon such others as may meet the requirements of their respective degrees. Candidates are listed according to actual date of degree conferral (August 2023, February 2024 and June 2024).

Academic Recognition Items

The Gold Cord

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

The Grey and Red Stole

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

The White Stole

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

The SUNY Chancellor's Medallion

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

The WNY Prosperity Fellowship Medallion

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

Non-Academic, University-Wide Recognition Items

The Kente Stole

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

The Rainbow Tassel

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

The Red, White and Blue Cord

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



Master's Degrees

Recommending Candidates for Degrees

Kemper Lewis Dean

Master of Engineering in Chemical Engineering

February 2024 Jared W Endres

June 2024 Giselle Antonio

Anton Luckshan Jayakodiarachchige

Lisa E Krotz

Sathvik Kumar Reddy Toppireddy

Master of Professional Studies in Data Sciences & Applications

August 2023

Saif Ryan Vishal Gangaram

Diwakar Nambi

Bhargav Naidu Vankayalapati

February 2024

Ambika Agarwal Rohit Ambati Vamshi Ammula Hasan Asif

Hemal Reddy Atmakur Debparna Bhattacharya Sai Shashank Boyanpally Srikar Reddy Bussu Trinadh Reddy Buthukuri Sathya Charan Chavana Nagasree Chetlapalle

Venkata Tarun Saikrishna Chittajallu

Sai Sahiti Chittem

Vinay Kumar Reddy Chittimilla Piyush Varsha Chunduru

Venkata Sai Pavan Karthik Devalla

Botan Dolun Anil Kumar Eaga Aravindh Gajaraj Sai Vineeth Grandhi Aditya Gundaboina Kavya Reddy Guntaka Tabinda Hayat

Sanjay Tarun Jagannathan Bhuvanendra Jonnalagadda

Hruthika Kancharla Jishnu Rahul Kanisetty Nithin Karanam Dharani Katamreddy Rashmitha Reddy Keesara Ekamjot Kaur Khaira Nithin Raj Kore Pranav Kirtibhai Kotak Sai Jayavardhana Reddy Kotla

Ankit Kumar Jyothi Lekkala

Bindu Kalam

Khushboo Hiten Lodaya Nikhileswar Mada Sunil Kumar Madavaram Monisha Mahendiran Bhuvanasai Malapati Shagun Marimganti

Bharanidhar Reddy Marthala

Swapna Medam Ashwini Shivaji Meher Yeshwanth Reddy Mendu Sainath Reddy Nagireddy

Vamshi Krishna Reddy Nandhyala

Vidushi Ojha Lalithsai Padakula Praneeth Padala

Sai Kumar Nalla

Bipin Biddappa Palekanda Kirankumar

Sujai Daniel Pallapati Nagakiran Panditi Rajashekar Panuganti Jatin Kamalkishor Parihar Charan Sai Pasupula Jyoshna Pathapati Sai Teja Reddy Pathika

Aieeth Paul

Arun Sreevatsa Peddakotla Bharath Siva Sai Krishna Potru Lakshmi Praneeth Revanth Kumar Potu

Raunak Punnose

Venkata Geethik Kumar Rachaputi Hitesh Rambhaskar Rachuri

Gautam Raghavan Abhilash Raghavaraju

Sri Venkata Sai Karthik Rakurty

Rajeev Ramesh

Sandeep Reddy Ranabotu Sanjay Roshan Ravichandran Tharun Reddy Sabbasani Venkata Sai Sabbineni Amanjot Singh Sachar

Jayanth Sajja

Pavan Chandra Sanda Tanish Dilip Shah Abdul Matheen Shaik Sharuk Shaik

Jagruth Siddagangappa Kalyan Siddi Venkata Amith Sreedhara Bharadwaj

Swati Srivastava Vachan Sudhir Patil Manu Sugnana Prasad

Nagaindira Saratchandra G Sukamanchi

Raginee Rajesh Titar

Khushi Harishchandra Tripathi

Sesha Sai Tumbalam Sai Rohit Uddagiri Vignesh Chandra Vajja

Hussain Khojhema Vakharwala

Soujan Vakulabharanam

Sathwik Varikoti Achal Vats

Sreerag Venugopalan

Nitin Chandra Goud Viltapuram

Varsha Vishwakarma Lakshmi Likhitha Yamasani Seshavarapu Yashwanth Venkata Naga Sai Yemineni

Sravani Yerramsetti Bhavana Yetinthala

June 2024

Abhinav Ajjarapu Sandeep Kumar Ameti Sree Suma Avula Srikanth Banda

Krishna Venkata Sai Srivatsav Bhavaraju

Master's Degrees

Pavan Kumar Boddapati Nishisha Reddy Bokka Dhanishwi Chalamalasetty Sai Harini Chappidi Rose Mary Chinnam

Bhaswati Chowdhury

Sai Chaitanya Dhanisetty

Sweekruthi Dodla

Pradhakshana Duraiswamy

Poorna Ganapathi

Laxminagabala Mounika Gummadapu

Alisha Rugshan Kadiri Jagadeesh Kammara Shaun Kannampallil Thomas

Harshitha Kanta

Satyam Kumar

Laxmi Keerthana Kottur

Srinivas Madival Prem Sajani Madugula Manasa Mahadevaiah

Pavan Kalyan Reddy Mallavarapu

Sharath Chandra Malyala Venkat Reddy Mankala

Jairam Marndi Jyosna Reddy Matta

Fanxu Meng

Shyam Kumar Naik Merajoth

Konda Reddy Padala

Mini Palepu

Sateesh Reddy Patlolla Sreya Sathvik Patri

Venkata Sai Meghamala Pavani

Sravan Perisetty Haarika Polukanti

Sai Saketh Reddy Poreddy

Sri Harsha Potturu Tejesh Reddy Vineeth Rekha Vamsi Priya Sajjarao Pranitha Reddy Samala Venkatesh Sankaran Hrithikesh Sankineni Prachi Sinha

Sai Tarun Tavva Lakshmi Punarvi Thandra

Pavan Kumar Tummala Sai Likhith Vemula Gayathri Venishetti

Rahul Vishwanath Sai Chandan Vuda Shyvalya Vurugonda Vasundhara Yerriboina

Master of Science in **Biomedical Engineering**

August 2023

Diego Alejandro Gutierrez Guatavita Sanchiti Patil

February 2024

Gary Alan Francis Chin

Nicole Andrea Gutierrez Dylan Richard Anthony Haynes Simran Kumar Maria Guadalupe Mejia Gonzalez Leena Narayana Sam Aaron Sommers-Thaler Nhu Ly T Truong

June 2024

Anushaa Anbazhagan Anu Priya Bharathi Rajan Kaelyn Button

Manasa Chandrasekar

Debolina De Thomas Donovan

Arianna Frances Dougherty

Maxine Marie Dupuis

Katherine Carol Anne Elefteriou Darshil Ketankumar Gajjar

Molly Marjorie Gillen

Ahmed Abdelhamid Abdelrao Hanafy

Prajakta Premchand Kalbande

Shamsher Sardar Khan Alanna Margaret Krug Seth Joseph Lecuyer Alyssa Marie Lickfeld

Michael Miller **Bubacar Ndove** Deryn Ramsoomair

Quinn Renee Rizzo Shanjidah Sarker

Devin John Schaller Jay Purnakant Shah

Leonard Shapiro

Lauren Emma Shaw Sanika Yeshwant Shingwekar Colin Thomas

Yifan Xu Swarnali Zafor

Master of Science in **Chemical Engineering**

August 2023

Shiyani Shiykumar Butte Michael Chan Patrick Cornelius Milliken Varun Reddy Satti Kartik Soni Oscar Yeung Mengqi Yuan

February 2024

Kai Chen

Praneeth Reddy Madamadakala

Vaishali Prabhu Ashley Ray Sanders

Arun Singh

Ly Thi Khanh Tran

June 2024

Tejaswi Adapa Jidnesh Sanjay Arekar Oluwatoyin Campbell Nikolina Cejic

Khaliquzzaman Choudhury Sai Srikar Chundury

Shweta Vipulkumar Dani Shreya Venkatachalam Iyer

Manan Prakashchandra Jain Om Mahendra Korade

Kyle Leatt Jaejun Lee

Bhavishya Maddineni Sanghomitra Maity Tanmay Suresh More Dheeraj Aryan Potluri Dheetchana Sasikumar

Aabha Satish Tengeri Kang Lan Tung

Venkata Siddhartha Varma Vadlamuri

Bhanuprakash Valluri

Master of Science in Civil Engineering

August 2023

Esha Blaggan

February 2024

Gaurav Sadashiv Aradhya

Prudhvi Golla

Mohamed Ali Habashi Ali Gomaa

Jessie Ya-Ting Ho

Brandon Lee McDonald

Caleb Thomas Nickens

Aldius Puthiyidath Thazhath Shaji

Mohammad F Siraj

Furkan Turan

Mollika D Urmi

Keaziah Walters

June 2024

Mary Collins Boltri

Willa B Egan

Navinkumar Jayachandran

Kalyani Sudam Koli

Vismay Pragneshkumar Mehta

Shivam Rakesh Kumar Shukla

Jeffrey Theodore Wackowski

Ryan Michael Wing

Master of Science in Electrical Engineering

August 2023

Ashraf Hasan Mohammad Al-bqerat

Shrevan Datta

Shylesh Srinivasan

February 2024

Tejas Agrawal

David Edward Andrzejewski

Sree Venkata Satya Ram Bandaru

Matthew J Bayer

David Bone

Junkang Chen

Yaopeng Huang

Alicia Hyland

Satyajeetsinh Shaileshsinh Jadeja

Niyanta Pramod Jadhav

Rocky Li

Lagadh Kumar Matsa

Hannan Chishti Mohammed Abdul

Hariharan Murugesan

Hemanth Namindla

Hridi Pal

Onoruoiza David Shaibu

Shubham Sharma

Sharanya Shashikumar

Subray Anil Shirodkar

Soumik Bhattacharya

Sindhu Thukkamuthu

Crystal Sue Vesneske

June 2024

Rahul A Thurairatnam

Jean-Jose Aull

Elijah Norberto Calle

Koushani Chakrabarty

Andrew Corra

Thomas Patrick Deremiah

Yashwanth Krishna Dosawada

Xuexing Gao

Joseph Francis Gogan

Michael James Haves

Mohammad Amer Hossain

Rachel Johnson

Renhong Lin

Josiah Petz

Allan Michael Salihovic

Joshua B Seale

Debarati Sen

Donovan James Tilly

Yudan Wang

Andrew Wojcinski

Carson Zeng

Henry Zhang

Master of Science in Engineering Science; Artificial Intelligence

August 2023

Aniket Janrao

Lokesh Venkatesh

February 2024

Jyothi Sravanthi Akkireddi

Nikhil Harikrishna Anam

Anup Banasavalli Hiriyannagowda

Aditi Purushottam Bobde

Kumar Raja Chidella

Harinath Reddy Cingapuram

Bochun Deng

Amit Kumar Dey

Tanwin Chowdary Gunturu

Wenhao He

Vedang Vinayak Jadhav

Pranava Jayanthi Krishna

Ninghui Jin

Rushikesh Pravin Joshi

Praneeth Nekkalapudi

Sai Sri Krishna Chaitanya Nimmagadda

Shubham Pandey

Hitesh Sudam Patil

Varun Ravi Swaminathan

Sarwabowma Sri Sai Karthikeya Sarraju

Shail Rajesh Shah

Sakshamdeep Singh

June 2024

Abhinay Boda

Sai Lakshmi Tejaswini Kallakuri

Sai Laksiiiii Tejaswiiii Kali

Balu Harshavardan Koduru

Tanamai Reddy Komatireddy

Romika Govindarajulu Sairam

Faraaz Ashraf Syed Mohammed

Afzal Ahammed Syed

Lakshmi Vinay Vupparapally

Master of Science in Engineering Science; Clean Energy

August 2023

Jingye Guo

February 2024

Tejal Pankaj Attarde

Rohit Elangovan

Aayush Nayyar

Nithish Saravanan

Yandi Shao

Sriram Venkataramani

Aboli Vijay Yadav

Master's Degrees

June 2024

Larbi Ghettas Farhanul Islam

Master of Science in Engineering Science; Data Science

August 2023

Sudheer Beela Andrew Bialy Vaibhav Borkar

Maria Margaret Disorbo

Nrusimha Saraswati Sai Teja Jampani

Noah Zachary Lamie Yeshwanth Pabbathi

Gowtham Kumar Puttareddy Abhiram Thrivarna Siddoju Nicholas Anthony Soluri

February 2024

Jahnavi Ambati

Anesh Muthiah Anbalagan

Bhargav Anthala

Roshni Balasubramanian

Sri Upanya Balu Naman Niraj Bansal Geethika Bedadhala Abhilash Singh Bharatpur

Sanat Bhargava Harshitha Bommakanti Srihari Bommaraveni Saumya Buliya

Manish Chava

Maheswar Reddy Chillari Sri Maniteja Chinnam Sriinitha Chinnapatlola

Sowndarya Lahari Chittapragada

Christian Closs Deepthi D'Souza Aravind Kumar Damera Jeevalkant Dandona

Shraddha Sudhakar Dangare

Rajorshee Das Vishal Das Niharika Dhapola Sai Teja Dondeti Sreeja Edupuganti Ajith Kumar Ethirajulu

Tejeshwar Reddy Gangireddy

Anurag Ganta
Narasimha Gaonkar
Vishal Reddy Garlapati
Hemant Murthy Ghantasala
Ryan Thomas Glasser
Guru Kavya Sree Gopireddy
Mahendra Reddy Gopu
Akhilesh Goriparthi

Nihareeka Suneel Gote Jaipriya Gunasekar Harshitha Gundra Shreva Guru

Sree Raga Lahari Guttikonda Aishwarya Halvagal Veeresh Suryatej Hittala Mathada Nishant Varma Indukuri Lavan Theja Jada Lokesh Surendra Jain

Vaishali Jain

Pritish Kamble

Melita Marcus Japhet Prathamesh Sunil Kakade

Nithya Kancherla Anjan Krishna Kandimalla Sejal Deepak Kankriya Surya Teja Karri Jayasree Keesari Srushti Sanjay Kharat

Jon Jason Kick Subba Rao Koduri

Aravind Satya Sai Srikar Kolukuluri

Pavan Reddy Kommareddy Sai Karan Kondapalli Abhinav Sai Konjeti Gopika Koranath Sai Korupolu Likhitha Kothrepally Nishanth Reddy Kottakapu

Ish Kumar Nitish Kumar Prashant Kumar Sarita Kumari

Lalitha Manjusha Kuppa Sree Nandhini Kurusali Ying Tung Lin Qiuhong Liu Chirag Mahajan Sai Kartheek Mahankali

Arnav Mahapatra Arya Bhavesh Makwana Tharun Sai Malireddy

Sai Charan Reddy Mallavaram Saish Suhas Mandavkar Aditya Manjunath Naik

Venkata Sesha Aditya Mantri Pragada

Ramana Meesala Sankalp Mehani Shubham Sanjay Misar

Nihal Mishra

Deepak Raj Mohan Raj Swansh Suneel Mohidekar

Alekhya Monavarthi Varun Muppalla Karthik Murumulla Sai Bhavya Myla Pratiksha Vinayak Naik Kedar Amar Nayak

Bala Balaji Bharadwaj Nemani Himavanth Reddy Nomula

Meghna Pal Jash Manish Paleja Kishan Patel Shanawaz Pathan Chitral Pushkar Patil Srideeksha Pemmasani

Frazer Aloysius Pereira Harsha Vardhan Perumalla

Ram Charan Satya Sai Teja Polisetti

Rahul Aditya Popuri Vykunth Premnath Annu Priya Hareesh Pulluru

Chaitanya Kiran Ramtirtha

Radhika Ravindran Billodal Roy

Vaishnavi Sainath Sai Teja Sankarneni Sourav Sachin Sankpal Pratidnya Jaywant Sawant

Mancy Saxena

Sameer Shaik Maitrai Sharma

Sai Sreekar Reddy Siddamreddy

Madhu Babu Sikha Shravani Soma Narasimha Uttej Sure Abhigna Tanguturi

Karthik Kumar Thammineni Sai Kumar Thoppae Sethu Raman

Laxmi Sindhuja Thota Vinay Krishna Thota Drashti Thummar Mubin Ashfaq Tirsaiwala

Sandeep Tumati

Rajasekhar Reddy Tummuri Sai Chaitanya Gupta Uppala Surya Vyagri Kiran Uppuluri Preethi Abhilasha Vaddi Keerthy Priya Vanam Rahul Teja Veeravarapu Rohan Venkatesh Sirigeri

Rishabh Verma Viraj Mahadeo Vhatkar Kshitij Vijayvergiya Vinitha Vudhayagiri Devon Wang

Devon Wang Jiaqi Xin

Shrestha Sai Laxmi Yadavilli Harsha Vardhan Yallabandi Susmitha Yanamadala Zeming Zhang

June 2024

Shri Harsha Adapala Thirumala Somasekhar Goud Addakula

Gokul Reddy Adduru Sai Mani Teja Reddy Alla

Preethi Sree Allam

Sree Harish Rajan Ambalam Rajasimman

Nikhil Ambati Vatsalya Anand Sai Teja Ankuru

Gavin Rufus Arul Samraj Yuvaraja Reddy Avuthu

Azhan

Saiprasad Balraj

Susmitha Chowdary Bandaru

Sanjukta Baruah

Siddharth Raj Kumar Basva Abhishek Manish Bedarkar Sai Sreeja Bhanothu Vidush Bhardwaj Amruta Gajanan Bhat Sai Teja Billakanti Naveen Katam Boddeti Shubham Chandra

Shri Gayathri Chandrasekar

Tejaswini Ciluveru Meghna Umesh Deshnur Madhumathi Devaraj Nitin Dharmapal Rohitha Doppalapudi Kewal Roshan Ezra Shraddha Sunil Falle Shilpa Gabriel Mahir Pravin Gada Sanket Milind Gadhave

Manisha Gadi Isha Mitul Gajjar Yoshitha Gandham Mohana Priya Gandhiram

Roja Ganesh

Giridhar Reddy Gangireddy

Jahnavi Gangu Mithil Jeevan Gaonkar Sujith Gollamudi Yamini Gompa

Sai Krishna Aditya Gorthi

Ritu Goyal

Chandana Guddenahalli Shankare Gowda Venkata Lakshmi Krishna T Gudimetla

Praneeth Reddy Guduru Sujith Kumar Gummadala

Bhupesh Hada

Shweta Mukund Hatote

Sushmitha Jakka

Manjunath Deepak Jampala

Jaskirat Singh

Monica Evangelin Kaki

Soma Sundari Kalyanasundaram

Kowsik Kanteti

Sai Nitish Reddy Kapa

Naveen Kumar Kateghar Anish Katragadda Thrivikrama Rao Kavuri Deepthi Kondragunta Sai Krishna Kota Shreya Valish Koushik Milind Rajendra Kulkarni

Puja Kumari

Sai Durga Guru Sandeep Lankey

Poojith Kumar Lankipalli

Swati M

Venkata Rohith Madam Harshith Maringanti Disha Bhavesh Maru Sai Kiran Maryala Utkarsh Mathur

Naga Sekhar Reddy Medikonda

Chandra Kishor Mishra

Ritaban Mitra

Akshay Roy Muddam Sidharth Muraleedharan Mohith Sai Nattam

Venkata Nitesh Kumar Padidam

Manoj Paladi

Naga Manasa Palaparthi Nithin Kumar Palla

Priya Ghanshyambhai Patel Rohan Ishwarlal Patel Akshat Pathak

Bahalul Khan Pathan Yash Madhukar Patil Ayeshee Patra Jayakrishna Pavuluri Tejesh Pawar Akshaya Peduru Divya Polavarapu

Bharath Kumar Polisetty

Saishma Poola

Lawshia Priya Prabath Sree Lekshmi Prasannan Abhi Ramana Rachuri Priyadarshini Raghavendra Simhavishnu Ram Prasad

Haripriya Raman

Manali Bansidhar Ramchandani Sushmitha Rameshkumar Shubhinder Singh Rana

Master's Degrees

Rajkumar Rathlavath Keerthana Ravichandran

Mahendra Ravilla Santosh Singh Rawat Indra Narayana Reddy

Sai Preetham Reddy Sangepu

Saloni Sarbhai

Tajammul Shuja Sayyad

Adhisheshu Dathatraya Sesha Battar

Syed Razauddin Shahlal Mohammad Shafi Shaik

Shashavali Baba Shaik

Nitin Shivakumar

Sujay Shrivastava

Sanasi Sitlani

Aditi Soni

Arjun Srinivasan

Vineesh Sriramoju

Naga Venkata Sai Kumar Tadi

Vedanth Takkalge

Chaitanya Kumar Reddy Talla

Varshini Tammineedi Hemanth Thaluru

Jay Yogesh Thanki

Satvam Tiwari

Sri Guna Kaushik Undru

Bhargava Ungata

Kuldeep Bhurabhai Vadhiya

Nithish Kumar Valluru

Kumaramangalam Vangavolu

Anuragh Vasam

Shilpitha Prasad Velamati

Shiva Sai Veldandi

Vignesh Venkatakumar

Sai Kumar Reddy Vuyyuru

Yaswanth Yalla

Dominic Parosh Yamarthi

Master of Science in Engineering Science; Engineering Sustainability

February 2024

Kelli Fallot

Aviraj Nandkishor Limaye Alexis Palumbo-Compton

Ghazal Vasseghi

June 2024

Ambre Elisa Maryvonne Amat Christopher Bevan Maurine Lucie F Calande Victoria Rose Lannon

Master of Science in Engineering Science; Internet of Things

August 2023

Aliana Irena Wolf

Rohith Kalige

February 2024

Adesh Suresh Chavan

Annoy Dey

Visveswaran Dharmaraj

Faiza Sabah

Lars Gartenberg

Qiang Han

Raghul Jagatheesan Krishnamoorthy

Aakash Jaswal

Bharath Chandra Kanumalli

Nikhil Bhargav Karne

Uday Kiran Manduri

Pravallika Modala Venkata Shiva Naga

Yuvan Sriram Murugan

Shashank Pagidimarri

Ameen Abdul Hameed Pudhiyapura

Siddharth Sarkar

Shaik Mohammed Suhai

Tahenan Haroon Shamashapure

Shreshta Shekar

Archit Shukla

Tenzin Rinchen

Pragrith Vijavakumar

Junhao Zhang

June 2024

Vennela Avula Vedant Gupta Varnit Kashyap

Imani Hashim Muhammad-Graham

Master of Science in Engineering Science; Robotics

August 2023

Dhruv Patel

Shashwat Singh

Shengyan Xu

Venkata Sai Kiran Yelchuri

Tianchen Yu

February 2024

Sai Karthik Vyas Akondi

Sree Gautham Alluri

Darshini Arasada

Archis Avinash Athavale

Baranidharan Balasubramanian

Athindra Bandi

Aditya Divyakant Bhatt

Sai Karthik Mahesh Reddy Chaganti

Raghav Singh Chauhan

Vaibhav Rajaram Dholam

Yashom Narendra Dighe

Jaya Sanker Reddy Eeda

Parvani Ghosh

Chetan Anil Gidvir

Gautam Gupta

Naga Sai Surya Guttikonda

Sanket Sadashiv Jadhav

Sen Jiang

Ninad Naresh Kale

Kamala Krishnan

Shreeya Vinod Kulkarni

Bedanta Bikash Lahkar

Praveen Raj Masilamani

Mohammed Faseeh Uddin

Arun Kumar Myla

Sai Siddarth Nichenametla

Nikhil Naveen Chandra

Dhruy Vinodchandra Patel

Vignesh Prakash

Shanmukh Sri Krishna Punukollu

Ashish Pyla

Smit Makarand Rajguru

Lakshmi Ramaswamy Vishwanath

Ayush Rawat

Sriram Saireddy

Anupam Sharma
Prajwal Shubhodaya Shetty
Shivani Shingne
Anamika Singh
Suryaveer Singh
Haripranesh Soundararajan
Venkata Harikrishna Talapala
Sashank Tamilarasan
Vaishnavi Pawan Tiwari
Yash Ashvin Vaidya
Saikumar Veeraswami Amarnath
Sai Sasidhar Vemavarapu
Gokul Viswanathan
Shashank Vivek Baratwaj
Bhavya Nandini Yarlagadda

June 2024

Antarpreet Kaur Akshat Bansal Satva Srinivas Bokka Haritha Bolneni Chinmay Mahendra Borde **Donald Brant** Aniket Nitin Burde Prithvi Riteshbhai Chauhan Athary Dabhade Rakesh Reddy Devara Samarth Gangwal Sharath Kumar Rao Golluri Dhavalpuri Goswami Harsh Vardhan Gupta Sohan Gurram Daniel Huang Nimalesh Jaykumar Benjamin Jenks Tejas Pankaj Kalsait

Raj Kishor Khatik Yaswanth Mallepudi Shubhrika Maurya Aditya Srinevas Muralidharan Mykhaylo Nelyubov Shreyash Rajendrakumar Paneliya Yukta Pareek

Vedant Mahesh Parnaik

Abhishek Bipinkumar Patel
Pranoti Guruprasad Patwardhan
Arun Pavuluri
Sai Subodh Reddy Ravi
Advait Raman Samudralwar
Sai Manikanta Servirala
Tilak Sharma Honnappaiah K
Akhil Shridhar
Amritanshu Singh
Sai Bharadwaj Sirigadi
Harisumukh Suresh Reddy
Sai Sharan Thirunagari
Shuai Wang
Himavarshini Yarragangu

Master of Science in Environmental and Water Resources Engineering

August 2023

Madalyn Mary Benson Sasha M Gallimore-Repole Emily Segelhurst

February 2024

Jordyn Renee Berns Prathamesh Dnyaneshwar Karale Sri Hari Krishnan Karthikeyan Jacob Schinzel

June 2024

Natalie Faye O'Brien Suriyakumar Rengasamy Subburam

Master of Science in Sustainable Transportation and Logistics

February 2024

Shubham Mahadev Chapakanade Vincenzo Mariano DiNatale Osamudiame Rotimi Harshel Edobor Zeyad Erachadi Sourav Gupta
Emeric Quentin Noel Humbert
Bhavesh Jharkhande
Rishu Khurana
Meiyan Lin
Sai Anurag Pasikanti
Dakota Pembleton
Rahul Santhakumar
Joseph Tantalo
Newton Vaz
Priyanka Vinayagam

June 2024 Satya Ganesh Devaguptapu Lahari Gadiparthi

Doctorate Degrees

Recommending Candidates for Degrees

Kemper Lewis Dean

Doctor of Philosophy in Biomedical Engineering

February 2024Kyle Anthony Weeks

Major Professor: Albert Titus

Wenhan Zheng

Major Professor: Jun Xia

June 2024

Chang-Chieh Hsu Major Professor: Yun Wu

Moustafa Taha Elsayed Mohamed Mabrouk

Major Professor: Jonathan Lovell

Kevin Alan McPhillips

Major Professor: Mark Ehrensberger

Jesse D Schmitz

Major Professor: Mark Ehrensberger

Zachary R Sia

Major Professor: Jonathan Lovell

Michael Udin

Major Professor: Ciprian Ionita, Umesh

Sharma

Doctor of Philosophy in Chemical Engineering

August 2023

Panagiotis Chrysinas

Major Professor: Rudiyanto Gunawan

Emmanuel Reginald Jacques

Major Professor: Paschalis Alexandridis

Emmanuel Mahangayiko Nsengiyumva Major Professor: Paschalis Alexandridis February 2024

Taliehsadat Alebrahim Major Professor: Haiqing Lin

Debanik Choudhury

Major Professor: Stylianos Andreadis

Bita Nasiri

Major Professor: Stylianos Andreadis

Ronel Zachariah Samuel

Major Professor: Stylianos Andreadis

Gengyi Zhang

Major Professor: Haiqing Lin

Yaoli Zhao

Major Professor: Thomas Thundat

June 2024

Shema Rachel Abraham Major Professor: Mark Swihart

Carley Virginia Cook

Major Professor: Ashlee Ford Versypt

Aatish Pradhan

Major Professor: Johannes Hachmann

Adam Raszewski

Major Professor: Mark Swihart

Bratin Sengupta

Major Professor: Miao Yu

Ameya Manoj Tandel

Major Professor: Haiging Lin

Priyanshu Vishnoi

Major Professor: Mark Swihart, Mark

Ehrensberger

Doctor of Philosophy in Civil Engineering

August 2023

Rodrigo Napoleon Castillo Perez Major Professor: Pinar Okumus Kaiser Mahmood

Major Professor: Panagiotis Anastasopoulos

Mohammadreza Moghaddaszadeh

Major Professor: Amjad Aref

February 2024

Kareem Ahmed Hussein Ahmed Eltouny

Major Professor: Xiao Liang

Maria Fedorova

Major Professor: Mettupalayam Sivaselvan

June 2024

Alireza Kazemian

Major Professor: Kallol Sett

Hyun Myung Kim

Major Professor: Michael Constantinou

Sebastian Lopez Restrepo

Major Professor: Michael Constantinou

Jiajun Pang

Major Professor: Irina Benedyk

Yunpeng Shi

Major Professor: Adel Sadek

Doctor of Philosophy in Computational and Data Enabled Sciences

August 2023

Krithika Krishnan

Major Professor: Rachael Hageman Blair

February 2024

Vivek Nareshkumar Bhavsar

Major Professor: Margarete Jadamec

June 2024

Tong Wu

Major Professor: Sarah Muldoon

Doctor of Philosophy in Electrical Engineering

August 2023

Vaishak Prathap

Major Professor: Albert Titus

Yue Wang

Major Professor: Shaofeng Zou

February 2024

Liam Christie

Major Professor: Kwang Oh

James Robert Heidrich

Major Professor: Jonathan Bird

Chinmoy Nath Saha

Major Professor: Uttam Singisetti

Uma Pratheebha Umaiya Kunjaram Major Professor: Qiaoqiang Gan

June 2024

Davoud Adinehloo

Major Professor: Vasili Perebeinos

Anindita Chakravarty

Major Professor: Huamin Li

Jiangqi Hu

Major Professor: Zhangyu Guan

Sudipto Saha

Major Professor: Uttam Singisetti

Zhongchang Sun

Major Professor: Shaofeng Zou

Doctor of Philosophy in Environmental and Water Resources Engineering

August 2023

Tashfia Mosharraf Mohona Major Professor: Ning Dai

June 2024

Zachary Kralles

Major Professor: Ning Dai

Graduate Student Organizations

Chemical and Biological Engineering GSA Masoud Zamani, President

Civil, Structural and Environmental Engineering

Vidhi Rasik Solanki, President

Computer Science and Engineering GSA Mason Lary, President

Electrical Engineering GSA Asma Ahmed, President

GradSWE at UB
Yukta Pareek, President

Human Factors and Ergonomics Society Zahra Vahedi, President

Institute for Operations Research and the Management of Science
Setareh Kazemi Kheiri, President

Materials Design and Innovation GSA Gbassey Oteme, President

Mechanical and Aerospace Engineering GSA Anthony Olivett, President

Society for Risk Analysis Mina Samiei Nasab, President

UB AI Shail Shah, President

History of the School of Engineering and Applied Sciences

In celebrating this commencement, the School of Engineering and Applied Sciences (SEAS) marks 78 years of educational and research excellence and service to the technology community, to New York State, and to society at large.

The Founding of the School of Engineering and Applied Sciences

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

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

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

accommodate this continued growth, the school plans to construct a new \$102 million building on the North Campus that features collaborative spaces for student clubs, maker space, and facilities that support entrepreneurism and student startups. Supported by \$68 million in funding from New York State, the new building will be an embodiment of our vision for 21st-century engineering: collaborative, innovative, entrepreneurial, and exciting.

Faculty and Leadership: A Heritage of Vision and Talent

SEAS has enjoyed consistent success, in large part, because of its leadership. Over the course of its 77 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 \$90 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.



Davis Hall, on UB's North Campus

UB Engineering and Applied Sciences Alumni Association Letter

Dear Class of 2024,

Commencement is a time for reflection and hope. As engineers and computer scientists you are about to embark on the next chapter of your incredible stories. Reflect upon all the great connections, education, and moments from the time here at UB. These all have played a role in shaping who you have become and what you will want to become. The training and education that UB has given you is an incredibly solid foundation on which you can build.

Hope for looking to the future and dreaming about the impacts, innovations and changes you will all have on this world. You are all resilient and it will be that resiliency that will propel your careers to new heights. While the future is hopeful it can also be uncertain. Always remember that you have a support network in the University at Buffalo Engineering and Applied Sciences Alumni Association.

As this world looks to you to lead change, I am confident that each of you as UB graduates will successfully lead that change. On behalf of the University at Buffalo Engineering and Applied Sciences Alumni Association, its Board of Directors, and the more than 40,000 members who have preceded you, we welcome you. Together, we are UB.

Thank you,

Nathan Bolt (BS CSEE '11, MBA 14')
President, University at Buffalo Engineering and Applied Sciences Alumni Association

The 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 2024,

Congratulations! On behalf of the UB Alumni Association, I'm delighted to welcome you to your global network of more than 300,000 alumni. We're proud of all you have accomplished.

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

What does this mean for you in practical terms? It means that career help, through our virtual Connect-a-Bull platform, volunteer opportunities to recruit new students or help current students, 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.

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

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

Go Bulls!

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

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



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ON THE COVER:

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

