

ONE HUNDRED SIXTY-NINTH



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

SATURDAY

MAY 16, 2015

1:30 PM

ALUMNI ARENA

NORTH CAMPUS

LIESL FOLKS
DEAN

Presiding Officials



Satish K. Tripathi
President

An internationally distinguished researcher and transformative higher education leader, Satish K. Tripathi, PhD, was appointed the 15th president of the University at Buffalo on April 18, 2011.

Tripathi, who served as UB's provost and executive vice president for academic affairs from 2004-11, has led the university in achieving significant growth in research activity, enhanced student quality and diversity, and an expanded international presence. As president, he is committed to building on this strong foundation, moving UB into the highest ranks of the nation's leading research universities.

Tripathi served as dean of the Bourns College of Engineering at the University of California-Riverside from 1997-2004. Previously, he spent 19 years as a professor of computer science at the University of Maryland, and held visiting professorships at the University of Paris-Sud in France and the University of Erlangen-Nuremberg in Germany.

The first international-born president in UB's history, he graduated at the top of his class from Banaras Hindu University in India and holds a doctorate in computer science from the University of Toronto, as well as three master's degrees—one in computer science from the University of Toronto and two in statistics from the University of Alberta and Banaras Hindu University. A fellow of the IEEE and the American Association for the Advancement of Science, he was awarded the honorary doctorate of science from the Indian Institute of Information Technology, Allahabad.

An active leader in the national higher education community, Tripathi serves on the board of directors of the Council for Higher Education Accreditation. He was appointed by Gov. Cuomo as co-chair of the Western New York Regional Economic Development Council.



Liesl Folks
*Dean of the School of
Engineering and Applied
Sciences*

Liesl Folks, PhD, MBA, dean of UB's School of Engineering and Applied Sciences, is an internationally recognized expert in nanotechnology and magnetism. She holds 12 U.S. patents and is the author of more than 50 peer-reviewed technical publications. She is also a professor in the Department of Electrical Engineering.

Folks served as president of the IEEE's Magnetics Society (2013/2014) and was a member of a congressionally mandated panel for the Triennial Review of the National Nanotechnology Initiative, facilitated by the National Academy of Sciences, in 2012.

She has an exemplary record of support for STEM education initiatives, from her promotion of innovative programs at the PreK-12 level, to her role in launching a magnetics summer school program through the IEEE, which provides summer study opportunities each year to nearly 100 graduate students from around the world. In 2013, Folks was recognized for her mentorship of science and engineering students with the national AVS Excellence in Leadership Award.

Prior to arriving at UB in January of 2012, Folks worked for more than nine years at Hitachi Global Storage Technologies, a hard disk drive company in San Jose, California. Before that, she worked at IBM Almaden Research Center, also in San Jose, for six years.

A native of Australia, Folks earned a BSc (1989) and a PhD (1994), both in physics, from The University of Western Australia in Perth, where she subsequently worked as a research fellow. She also holds an MBA from Cornell University (2004).

Program

Prelude

*Processional

Buffalo Brass Quintet
Pomp and Circumstance
by Sir Edward Elgar

Mace Bearer

Ezra B. W. Zubrow
Chair, Faculty Senate and Professor, Anthropology

Banner Carrier

Kayleigh Miller
Candidate for BS in Biomedical Engineering

Herald

Jeffrey R. Errington
Associate Dean for Undergraduate Education,
School of Engineering and Applied Sciences

Opening Declaration

Ezra B. W. Zubrow

National Anthem

James Bobak
Candidate for BA in Music
Buffalo Brass Quintet

Welcome and Introductions

Liesl Folks
Dean, School of Engineering and Applied Sciences

Student Address

Joel Hornbeck
Candidate for BS in Electrical Engineering

Presentation of Dean's Award for Achievement

Liesl Folks

Recognition of State University of New York Honorary Degrees

Liesl Folks

Recognition of Chancellor's Awards for Student Excellence

Liesl Folks

Remarks

Satish K. Tripathi
President, University at Buffalo

Conferring of Degrees

Satish K. Tripathi

Alma Mater - Lyrics on page 26

James Bobak
Buffalo Brass Quintet

Closing Declaration

Ezra B. W. Zubrow

*Recessional

Buffalo Brass Quintet
Procession from Aida
by Giuseppe Verdi

**Audience will remain seated during the Processional and Recessional.*

Departmental Receptions

You are invited to receptions immediately following the commencement ceremony.

- Chemical and Biological Engineering: Student Union Flag Room, on the second floor
- Civil, Structural and Environmental Engineering: first floor of Davis Hall
- Computer Science and Engineering: Student Union, room 210
- Electrical Engineering: Salvadore Lounge on the second floor of Davis Hall
- Biomedical Engineering, Industrial and Systems Engineering, and Mechanical and Aerospace Engineering: Student Union, room 145

Wheelchair seating is available at both the front right and left side of the arena. A signer is present at the right front of the arena. Please see an usher for assistance.

Telephones and restrooms are available on all three levels.

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 Roysler of Arcadia, Calif., it was used for the first time in 1962. Engraved atop a miniature walled structure representing the City of Buffalo are three arrows bound together, symbolizing the unity of UB and the city.

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

Program Notes

School's Platform Party

Stelios Andreadis
Chair, Chemical and Biological Engineering

Stella N. Batalama
Chair, Electrical Engineering

Rajan Batta
SUNY Distinguished Professor, Associate Dean for Faculty Affairs, School of Engineering and Applied Sciences

Kurt Bessel
President-elect, UB Engineering and Applied Sciences Alumni Association

Ann M. Bisantz
Chair, Industrial and Systems Engineering

Gary F. Dargush
Associate Dean for Research and Graduate Education, School of Engineering and Applied Sciences

Jeffrey R. Errington
Associate Dean for Undergraduate Education, School of Engineering and Applied Sciences

Liesl Folks
Dean, School of Engineering and Applied Sciences

Kemper E. Lewis
Chair, Mechanical and Aerospace Engineering

Colleen O'Connell
President, UB Engineering and Applied Sciences Alumni Association

Albert H. Titus
Chair, Biomedical Engineering

Satish K. Tripathi
President, University at Buffalo

A. Scott Weber
Senior Vice Provost for Academic Affairs, University at Buffalo

Andrew S. Whittaker
Chair, Civil, Structural and Environmental Engineering

Aidong Zhang
SUNY Distinguished Professor, Chair, Computer Science and Engineering

Ezra B. W. Zubrow
Chair, Faculty Senate, Professor, Anthropology

Commencement Coordinator

Christine A. Human
Associate Dean for Accreditation and Student Affairs

Lead Marshals

Igor Jankovic
Civil, Structural and Environmental Engineering

Carl R. Lund
SUNY Distinguished Teaching Professor, Chemical and Biological Engineering

Marshals

Paschalis Alexandridis
Chemical and Biological Engineering

Carl Alphonse
Computer Science and Engineering

Joseph F. Atkinson
Civil, Structural and Environmental Engineering

Kevin M. Burke
Electrical Engineering

Lora Cavuoto
Industrial and Systems Engineering

Varun Chandola
Computer Science and Engineering

Kerry L. Collins-Gross
Assistant Dean, Office of Undergraduate Education

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Biomedical Engineering

Ehsan Tarkesh Esfahani
Mechanical and Aerospace Engineering

Ciprian N. Ionita
Biomedical Engineering

James N. Jensen
Civil, Structural and Environmental Engineering

Venkat Krovi
Mechanical and Aerospace Engineering

Michael Langberg
Electrical Engineering

Teresa A. Miklitsch
Senior Advisor, Office of Undergraduate Education

Josep M. Jornet
Electrical Engineering

Johannes M. Nitsche
SUNY Distinguished Teaching Professor, Chemical and Biological Engineering

Andrew T. Olewnik
Director of Experiential Learning Programs

Victor L. Paquet
Industrial and Systems Engineering

Sheldon J. Park
Chemical and Biological Engineering

Ravi Ranade
Civil, Structural and Environmental Engineering

Kenneth W. Regan
Computer Science and Engineering

Debanjan Sarkar
Biomedical Engineering

Mettupalayam V. Sivaselvan
Civil, Structural and Environmental Engineering

Ramalingam Sridhar
Computer Science and Engineering

Filip Stefanovic
Biomedical Engineering

Robert C. Wetherhold
Mechanical and Aerospace Engineering

Jinhui Xu
Computer Science and Engineering

Chi Zhou
Industrial and Systems Engineering

Jennifer L. Zirnheld
Electrical Engineering

Readers

Lora Cavuoto
Varun Chandola
Andrew T. Olewnik
Kenneth W. Regan
Mettupalayam V. Sivaselvan

SEAS Support Staff

Susan Casucci
James Friedman
Toni Marie Schumacher
Jane Stoyle Welch

Buffalo Brass Quintet

Larry Easter
Trumpet
Dennis Tribuzzi
Trumpet
Dan Wittmer
French Horn
Phil Sims
Trombone
Craig Hodnett
Tuba

Interpreter

From Western New York Deaf Adult Services

Ushers

We acknowledge the assistance of our students and staff.

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Grumman Amherst Systems

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Seabury Airline Planning Group,
LLC

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Fisher-Price

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Fluid Controls, Moog Inc.

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*School alumna/alumnus

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Engineers*
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Juan Paredes, President

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Zachery Willis, President

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Tau Beta Pi, New York Nu
Kayleigh Miller, President

Theta Tau/Gamma Delta Epsilon
Nicholas Eadie, Regent

UB Design Club
Connor McCafferty, President

UB Robotics
Tyler Haun, President

Dean's Award for Achievement



Krishna 'Kittu' Kolluri

Each year, the School of Engineering and Applied Sciences (SEAS) 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 Krishna 'Kittu' Kolluri (MS ISE '88), a General Partner at New Enterprise Associates (NEA). Kolluri works with some of the world's most visionary entrepreneurs in information and energy technologies, helping to usher in the next era of great innovators. NEA is

located in the San Francisco Bay Area.

Kolluri received a degree in mechanical engineering from the Indian Institute of Technology (IIT), Madras, India, where he was also awarded the school's distinguished alumnus award in 2005. He received his master's degree in operations research from UB in 1988.

Since earning his master's degree, Kolluri has employed his extensive technical and management abilities to positively impact numerous companies. He began working for Silicon Graphics, holding a number of engineering and management positions before co-founding Healtheon. Healtheon was a dot-com startup that developed software to streamline the inefficiencies of the U.S. health care system. Healtheon later merged with WebMD. Kolluri initially managed engineering before moving through key operational and general management roles, and eventually Senior VP and GM of Provider Services.

Subsequently, he became president and CEO of Neoteris, a leader in the field of Internet access and security, which was acquired by NetScreen Technologies in 2003. Juniper Networks then acquired NetScreen in 2004, where Kolluri served as executive vice president and general manager of its security products group. Now as a General Partner at New Enterprise Associates, Kolluri is on the forefront of venture capitalism and serves on numerous boards of NEA portfolio companies.

Kolluri credits his UB education for preparing him for a successful career. "Upon arriving at UB as an international student, I was incredibly nervous about what to expect. Almost immediately though, the school's faculty and fellow students took me in and really made UB a home away from home. I feel my time at UB truly set me up for future success," said Kolluri.

Since his graduation from the School of Engineering and Applied Sciences, Kolluri has remained a very involved alumnus, always ready to give back. Over the years, he has generously given his time and resources back to SEAS by serving on the Dean's Advisory Council and as a member of the Delta Society, the school's leadership annual giving society.

Outside of his busy professional career, Kolluri enjoys bicycling, golf and cricket, as well as music and photography. He resides in Saratoga, California with his wife, Vanita, and two children; his daughter, Raina, who is a sophomore in high school and his son, Ishaan, who is a sophomore at Columbia studying computer science.

The University at Buffalo is honored to name Mr. Kittu Kolluri as an alumnus of great distinction, whose continued 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*

Past Recipients of the Dean's Award for Achievement (continued)

- 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 Zaborjan, 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

SUNY Honorary Degree



Christopher Scolese
*BS '78; Director of the
NASA Goddard Space
Flight Center*

A fellow of the American Institute of Aeronautics and Astronautics (AIAA), Christopher Scolese, BS '78, is the current director of NASA's Goddard Space Flight Center. One of the world's leading authorities in the area of space systems engineering, Scolese has been instrumental in shaping numerous NASA earth science and deep space exploration missions, resulting in many significant scientific breakthroughs and advancements, as well as a better understanding of our planet, solar system and universe.

Scolese joined NASA in 1987 and has served in numerous leadership roles, including as manager of the Earth Orbiting Satellite Program, deputy director of flight programs and projects for earth science, and project manager of the Earth Observing System Terra Satellite Mission.

As deputy associate administrator of space science at NASA headquarters since 2001, Scolese's vision had a major impact on the successful Mars Rover missions (Spirit and Opportunity) and other widely known NASA missions, including the Mars Odyssey and Cassini Saturn Orbit Insertion missions. Appointed acting administrator of NASA in 2009, Scolese earned the agency's highest honor — the Distinguished Service Medal — for his leadership in this role.

A Buffalo native and distinguished alumnus of the University at Buffalo, Scolese has remained meaningfully engaged with his alma mater, lecturing at UB and mentoring students. In recognition of his significant and enduring contributions to space systems engineering and space exploration more broadly, the University at Buffalo is proud to confer upon him a 2015 State University of New York Honorary Doctorate of Science.

SUNY Chancellor's Awards for Student Excellence



Chams E. Mballo

Chams Mballo of Dakar, Senegal, graduates with a bachelor of science in mechanical and aerospace engineering. Mballo is co-founder of an SAT preparatory program that tutors, counsels and mentors war refugees and underprivileged students in Buffalo. He conducts research in the Human in the Loop System Laboratory and also worked as an undergraduate teaching assistant for the Applied Mathematics and Dynamics courses offered to engineering students.



Mackenzie R. H. Ward

Mack Ward of Clarence, N.Y., graduates with a bachelor of science in computer science and mathematics. He served as both the president and vice president of the University at Buffalo chapter of the Institute of Electrical and Electronics Engineers, and has been a teaching assistant for five semesters with both the Honors College and the Department of Computer Science and Engineering. Ward also served as a resident adviser for the Honors College Shared Interest Housing Program for two years.

Student Speaker



Joel Hornbeck

Joel Hornbeck of Brockport, N.Y., graduates with a bachelor of science in electrical engineering. He transferred to the University at Buffalo from Monroe Community College in 2013. Hornbeck was part of an interdisciplinary student design project with Northrop Grumman, an aerospace and defense technology company. He will be pursuing a career at Quality Vision International Inc., an industry leading metrology company. Hornbeck is the winner of the first School of Engineering and Applied Sciences student speaker competition, chosen by a committee of faculty, staff, and students.

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*University at Buffalo
alumnus/alumna

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 May 1, 2015, and upon such others as may meet the requirements of their respective degrees. Candidates are listed according to actual date of degree conferral (September 2014; February 2015; and June 2015). Degree recipients will come forward to be congratulated during the commencement ceremony. In the following lists, candidates for a double major (a degree encompassing two majors), are denoted by an asterisk (*). Candidates for a double degree (the award of two distinct degrees completed concurrently), are denoted by two asterisks (**). Candidates for a double major and a double degree are denoted by a diamond (◊).

Today's graduates are presented gifts of pins and pens by the School of Engineering and Applied Sciences and UB Alumni Relations.

Honors are designated by student names in the Candidates for Degrees according to the following symbols and abbreviations.

University Latin Honors

Latin Honors are granted to graduating seniors who have completed at least 60 undergraduate credits at UB, of which at least 54 credit hours are graded, and to those who have earned grade point averages, as follows:

§ Cum Laude - at least 3.20, to 3.499

‡ Magna Cum Laude - at least 3.50, to 3.749

† Summa Cum Laude - 3.75 or more

This list is based on courses taken through the Fall 2014 semester. Students may wear a gold cord.

Honor Society

TBP: Tau Beta Pi is the only engineering honor society representing the entire engineering profession. Students may wear a white stole.

The Gold Stole

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

Delta Alpha Pi

Delta Alpha Pi is an international academic honor society for college/university students with disabilities. Graduating members received a blue and gold cord.

Non-Academic, University-Wide Recognition Items

The Kente Stole

The kente 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

The rainbow tassel was received by students who participated in the Lavender Reception, celebrating achievements of graduating students who identify with the lesbian, gay, bisexual, transgender and queer (LGBTQ) community at UB.

The Red, White and Blue Cord

The red, white and blue cord is being worn by graduating UB students who are reservists, members of the National Guard, newly commissioned officers from our ROTC program or veterans of the United States armed forces.

Baccalaureate Degrees

Recommending Candidates for Degrees

Liesl Folks
Dean

Bachelor of Science in Aerospace Engineering

September 2014

Kyle Patrick Devine § *
Isaac Joseph Diomande
William Sterling Edgecomb III *
Paul Michael Galletti §
Jimmy Lam † *

February 2015

Brian Richard Bergh † TBP ◊
Anthony Michael Christiano *
Steven James Cooper § *
Joseph Samuel Demario § *
Nanediri Devage Binila Chathuranga
Fernando *
Rakitha Chandana Bandara
Meegasmulla § *
Emily Morog
Samuel Frederick Pawlyk § *
Nicholas William Ruhland ‡ *

June 2015

Paul Russell Baumann ‡ TBP *
Max George Blaise III § TBP *
Junehyung Cho *
Jesse Jordan Hart Dewey *
Ryan Steven Edmonson ‡ *
Ryan Fiust-Klink *
Daniel T Giumpa †
Josh M Gonas ◊
Eric J Graham ‡
Daniel Joseph Halecki § *
Dale M Higgins *
Prince Joseph *
Brian Jeffrey Klossner ‡ *
Michael Adam Landau *
Margaret Elizabeth Lawn † *
Brian Henri Le Floch † *
Andrew Lee ‡ TBP *
Wookil Lee *
Andrew James Lewis ‡ *

Matthew Robert Limina § *
 Tyler Daniel Mancini † *
 Matthew Steven Marchincin *
 Nicholas John Marrone §
 Nicholas Anthony Matteliano *
 Chams Eddine Mballo ‡ *
 Sean Michael McEnerney ‡ TBP *
 Mohammed Shahrman Bin
 Mohammed Shahreza *
 Alexander Michael Moran § *
 Thomas Scott O'Brien *
 Alvin Okoroji *
 Matthew Joseph Palombo *
 Hashwint Ramanaathen § *
 Shauna Patrice Richards ‡ *
 Cal Rising *
 Andrew Romano *
 Anindya Sarker *
 Rajat Sharma *
 David Nicholas Shufelt *
 Mandeep Singh *
 M H Priyanta Siri Sumana Siri *
 Nelson Cheuk Man Tam *
 Varunkumar Vruddhula § ◇
 Jia Hao Wen *
 Cody Zampella § *

Bachelor of Science in Biomedical Engineering

June 2015

Bonifacio Jimenez Aguila III §
 Stephanie Ann Bagatta-Ziel
 Rebecca Leigh Berg §
 Max Farr Carletta
 Bilall Cela
 Andrew James Chiacchiero §
 Justin Michael Chiacchiero §
 Jesse David Crespo
 Gaurang Pritam Dimri
 Steven Matthew Fatscher
 Nalini Gadkary †
 Alec Jason Gerson **
 Eric Nicholas Ghiandoni §
 Erin Elizabeth Giangreco †
 Jessica Ann Glauber §
 Nicole Marie Griffin §
 Shawn Michael Hanley ‡ TBP

Scott Nolan Harrienger §
 Nazia Tasnim Hasan
 Michael Francis Herr ‡
 Damien James Hoffman
 Richard Louis Izzo ‡ **
 Nikita Abirami Mahendra Kumar §
 Erica Lynn Marron † TBP
 Ethan Michael Matteson
 Leslie Mcgee
 Kyle Indiana Mentkowski §
 Kayleigh Erin Miller † TBP
 Noelle Chelsea Elaine Nesbitt
 Kaitlynn Pearl Olczak ‡ TBP
 David Robert Olsen ‡ TBP
 Juan J Paredes §
 Alexander Rudolf Podgorsak ‡
 Tyler Benjamin Quinn
 Abhiram S Rao † TBP *
 Joshua Daniel Reich ‡ TBP
 Samantha Michelle Riedener
 Nolan Alexander Ringo
 Hathaitorn Rojnirun §
 Jason Adam Ross † TBP **
 Diana Victoria Rudz † TBP
 Gregory Torre Salamone ‡
 Stephen Michael Schneider ‡
 Asmah Shafie §
 Ryan Andrew Shaw ‡
 Ashwin Venkataraman
 Kyle Anthony Weeks †
 Matthew James Willadsen §

Bachelor of Science in Chemical Engineering

September 2014

Marina Gadkary †
 Zhengheng Lin
 James M Purvis
 Ian Albert Smythe †
 Robert James Winegar Jr

February 2015

Charles Kwame Charles
 Debrah § TBP
 Ngai Hin Lo
 Joseph Nicholas Pecorella

June 2015

Chibuzo Akaolisa
 Joshua Daniel Allen
 Nathan Robert Anastasia
 David Ricardo Arjona
 Leo Joseph Ayres **
 Robert Vincent Bellotti
 Emily Meredith Benz † TBP
 Kimberly Anne Berus *
 Forest Stephen Blanchard † TBP
 Nicholas John Bolak §
 Daniel Calzadilla §
 Bryce Dillon Campbell
 Yunong Cao § **
 Ming Ting Chan ‡
 Jo Shuang Chang
 Emily E Congdon ‡
 Alexander Richard Cook
 Andrew Krauss Craft † TBP
 Belle Victoria Cunningham
 Ryan Patrick Dee
 Stephen Gregory Denny
 Christopher Michael Dundas †
 Joshua M Dupan
 Sharniece Ellington
 Frederic Robert Forrester † **
 Kevin John Fuller §
 Frank Vincent Gallucci † TBP
 Laura Anne Godly ‡ TBP
 William Carter Hilliard Jr † TBP
 Kaipin Huang †
 Olayinka David Ipaye
 Samin Islam
 Kevin Andrew Jock §
 Jonathan Peter Joy
 Hosne Shabrina Kamal
 Mustafa Kamal ‡
 Lindsey Anne Kehl ‡ TBP
 James Michael Knox
 Tho Duc Le
 Alexander Li §
 Maliek F Likely ‡ TBP
 Dun Liu § **
 Bryan A Moore
 Michael James Parker Morse ‡ TBP
 Badr Ahmed Morshed ‡
 Nicholas Moscatello § **
 Matthew William Moskowitz

Jacob Joseph Nosbisch
 Yun Shung Ong
 Sylvester Owusu-Ansah
 Jonathan William Pearson
 Allyn William Pietruszewski §
 Deanna Marie Platt
 Michael James Pliszka §
 Shruti Prasad
 Dave Dennis Ramsammy
 John Elias Rivera
 Anirudha Roy
 Daniel Francis Sauter §
 John Daniel Schneible † TBP
 William Christopher Shampine
 Ada Szramel §
 Yong Sheng Tan
 Thien Ngoc Tran †
 Timothy Francis Valint ‡ TBP
 Stephen Dennis Vitello † TBP
 Min Wei §
 Qibiao Weng
 Alan Wong
 Zachary Raymond Wong §
 Yadu Ramachandran ‡ TBP
 Jun Hui Yeoh

Bachelor of Science in Civil Engineering

September 2014

Serdar Aydin
 Peter C Barth
 Mete Bayram
 Maxwell Selasi Boamah
 Utku Canbulat
 Umur Can Deger
 Jan Dokonal
 Matthew Ryan Durawa
 Omer Lutfu Dursun
 Asil Eksi
 Kamil Erdem
 Jesus David Giraldo
 Colin Harvey
 Samet Karatas
 Onur Kaya
 Berk Ozgurcan
 Peter Gabriel Padilla §
 Robert Louis Sasser §
 Ahmet Zengin

February 2015

Ebubekir Aydogan
Ryan Christopher Blesi *
Lidiya Burashnikova
Abdullah Emre Demirci
Ismet Furkan Dolu *
Carine C Fanou
Hazal Fidanboy *
Chantel L George
Thomas John Held II
Suk H Hyun
Alexander Joseph Kaempf
Adam Khalil
Mehmet Onur Kulak
Craig Joseph Laudani
Zhen T Lee
Melissa Maria Levis
Sean Michael Morris
Jacob Daniel Mullen §
Lorenzo Vida Quebral §

June 2015

Matthew James Adams Jr
Michael A Algios
Edward Lee Almeter †
Anthony James Asala
Mahan Azmoun
Nathanael Baker
Kimberly Bashualdo
Matthew Clarence Bedford §
Jeremy Best
Petar Boljanac
Jason Robert Brenner
Devin Joseph Bush
Ercan Sefa Caglayan
Richard Joseph Carney
Nico Francis Catanzaro
Seyma Ayse Cevahir
William K Chan
Ray J. Cloud
Jeffrey Vincent Conese † TBP
Gregory Congdon ‡
Andrew John Couche
Damien David §
Lindsay Nicole Devito
Patrick William Doherty
Brennan Donovan Dubuc †
Derek Connor Ellefsen §
Fabrice Etienne
Shahmahmood Faizi §
John Everett Fisher
Kok Hoe Gan ‡

Brett Getz
Andrew Ghassan §
Molly Mckenzie Halpin
Kevin Hebert
Paul Derek Holsberger ‡
James Edward Hunt
Daniel Patrick Hurley
Brent Andrew Hypnarowski
Mehmet Inci
Yavuz Kaleoglu
Anna Marie Kelting
William Christian LaPorte
Thomas Dean Lattanzio
Kelvin Lau
David Alexander Levy Jr
Corey James Lewis
Bing Sheng Lim §
Kristina Lochan
Wanjian Lu §
Justin Allen Nicholas Lucarelli §
Conor Liam Mahoney §
Sara Elizabeth Mantas
William Vincent Martorana †
Brian M Mazurkiewicz
Duncan Michael McAuley ‡
Matthew John Mckrell §
Kristopher Michael Mills †
Vladimir Yves Monpremier
Coletha Nyangoma Peter Katisha
Mulima §
Indairo Alberto Namnum
Brett Scott Newberry
Caitlin Marie O'Leary §
Bekir Talha Ozbagir
Kyle Adam Palmer § TBP
Nicholas John Palumbo
Kevin Parker
Laura Catherine Pavone † TBP
Daniel James Pawlak
Leandro Rafael Perez
Christopher Petersen §
Greg Phattanachitchon ‡
Ryan David Proud
Anna Catherine Racz ‡ TBP
Kirk Rommel Ramirez-Brenes Jr ‡
Cory D Robinson § TBP
Michael Douglas Robinson §
Ryan Garth Rochester
Andrea Louise Sacco §
Matthew Adam Salvatore
Vincent Anthony Santoro §
Matthew Schultes

Kristin Kathleen Seel §
Atilla Firat Senol
Cihat Simsek §
Harrison Anthony Sinatra
Guneet Singh
Nathan Smith
Javier Solis
Nicholas Charles Stalneckner §
Tze Yow Teh §
Sean Xavier Terry ‡
Gregory John Van Ness
Lingyun Wang §
Kasian Theodore Warenycia †
Blade Jerome Wayne §
Gregory J Welte
Jon Kenneth Whiting †
Benedict Wolfling
Jiahao Xiong
Zachary Lock Young

Bachelor of Science in Computer Engineering

September 2014

Azeez Balogun
Christian J Charlton
Matthew Francis Endres §
Kevin Robert Jones
Ben C Tarhan

February 2015

Joseph Michael D'Amato ‡
Biagio Fiorita
Jordan Good †
Kiran Kaur Lall Singh ‡ TBP

June 2015

Ashaab Alam
Raymond Chen ‡ TBP
Stephen Il Hoan Chong § *
Douglas Mcnamara Giordano ‡ TBP
Tanveer Gupta ‡
Donald Hosie
Roger Hsu § *
Calvin H Lee
Jules Butalid Manalang
Joseph Andrew Materski † TBP
Satyam Mehta
Mitchell Nguyen †
Christopher Steven Palmer †
Emmanuel Panaligan
Edward Park ‡
Priyal Nilesh Patel

Zuleime Perez *
Jacob Andrew Reise §
Xiangxiong Shi † TBP
William T Shields Jr §
Jake Russell Silas §
Ryan Scott Smith §
Matthew John Szczepankiewicz † **
Andrew Zachary
Tennenbaum ‡ TBP *
Rebecca Ruth Wasmer
Jacob William Wende
Nicholas Harold Wheeler §
Yixiang Wu †
Cheng Ye ‡
Kenny Michael Yee

Bachelor of Arts in Computer Science

September 2014

John Paul Deluca

February 2015

Jeremy Robert Fritton ‡
James Andrew Gorski
Alan Thomas Karcich
Tianyu Lei ‡
Lu Liu §
Pavey Telesphore Nganpi
T'chaeleuch *

June 2015

Harsh Agarwal †
Dalton Joseph Barksdale *
Richard Lee Drees Jr
Jeffrey K English
Jason James Fialkowski §
Peter Joseph Giancarlo §
Hiu Man Ho † **
Hyunwoo Na † *
Kevin S Rushlow ‡ *

Bachelor of Science in Computer Science

September 2014

Kunal Ratan Arora
Yon Phang Chai
Xi Chen
Richard Samuel Laine
William Frank Wheeler II ‡

February 2015

Jeffrey S Basden Jr
 Michael Stephen Branch
 Rachel Alexandra Broardt §
 Glenn Marra Butera §
 Ajaypal Singh Cheema
 Stephan Desouza
 Timothy James Eaton §
 Sileem Ayman Farghaly
 Michael S Hassan
 Stephen Keller §
 Deeksha Kumar
 Kevin Patrick Menegay
 Elie Onokoko **
 Danny Peng ‡
 Angel Miqueas Reyes Mota § **
 Seongin Skalicky †
 Philip Benjamin Wright

June 2015

Robert Joseph Ammerman †
 Karl Anderson
 Sherif Attia
 Adam Nicholas Badawy
 Cody Bellitto §
 Zachary Raymond Bezner
 Truong Vinh Bui
 Luke Phillip Carey §
 Brandon H Carr
 Hongbin Chen
 Matthew Scott Coia §
 Nicholas Vincent Di Rienzo ‡
 Andrew Fake
 Shabaz Farooq
 Brian James Franko
 Sean T Frischmann
 Jason Joseph Gregory
 Pritesh Gupta
 Marcellus Dean Hogan
 Andrew Jason Hypnarowski *
 Patrick Edward Jameson §
 Roy Young Jin Joo
 Samuel James Kriever
 Scott Laufer
 Colin Thomas Lawson
 Tegan M Leach
 Qiwei Lei
 Jie Lin
 Thomas G Ludwig Jr
 James Matthew Mazur † *
 Fan Meng
 William Blaise Metzler

Gilles Franck Mevaa
 Me Doumamvom ‡
 Matthew Murphy †
 Kevin Michael Neary §
 Mark Edward Nemmer ‡
 Jia Chien Ng §
 Nhat Minh Nguyen §
 Jake Daniel Norris
 Ian Andrew Novickis ‡
 Griffin Kirby Orr
 Thomas Robert Papp
 Om Patel
 Allison Lily Phillips
 Matthew David Rajman
 Frank Peter Runfola
 Natasha Sanford † *
 Robert John Schaumloeffel
 Caitlin Rose Sicurella
 Jeffrey Allen Smith
 Joshua Studt
 Matthew Swenson ‡ *
 Tyler Paul Thorpe
 Camilo Alvaro Vargas
 Mackenzie Reed Henry Ward † TBP *
 William Douglas Woodward ‡
 Ryan Scott Wymyczak §
 Alexander See Long Yeung
 Jingyiping Zhang †
 Xiaoyu Zhang ‡

Bachelor of Science in Electrical Engineering**September 2014**

Thomas Joseph Bidney
 Elis Feci §
 Joshua Hauptman
 Abhishek Panda
 Jaejeong Park ‡

February 2015

Michael Au §
 Govinda Chauhan
 Christopher Eugene Glowacki §
 Jesse Robert Healy
 Hong Yeon Kim §
 Jae Ho Lee
 Derek Liner
 Casey Russell Love
 Matthew Christopher Mesavage
 Stephanie Crystal Ng ‡
 Daniel William Slemmer §
 Junyi Zhang ‡

June 2015

Olajuwon Andre Amao §
 Oluwaseun Amao
 Joseph Michael Arnet
 Ronnie Bar-kochba
 Matthew Farrell Benjamin §
 Corey Emil Blumberg
 Samuel Emmet Bray
 Nicholas Aldo Cacamis
 Stephen Il Hoan Chong § *
 Thomas Daniel Cirillo
 Emily Grace Daigler
 Srdjan Dragojevic
 Dylan Patrick Elliott †
 Amanda Fodge
 Navjot Kaur Ghotra
 Joshua Gillebaard
 Marc Philip Greenbaum §
 Yuchao He ‡
 Kyle Held
 Joel Hornbeck
 Roger Hsu § *
 Nathan E Jacobson §
 Linfei Ju §
 Brian Walter Lada ‡
 Tony Lau
 Vu Le
 Jason Lei §
 Qianwen Li ‡
 Robert Lawrence Mack
 Aminul Momin **
 Tivauhn Anthoniel Nelson
 Andrew Ryan Notice
 Beom Jin Oh §
 Anthony George Pavlick
 Zuleime Perez *
 Thakur Prasad Phuyel
 Saseen Reddy Punyala
 Tawsif Iftekhar Rahman
 Chang Ren § **
 Brian J Rooney ‡
 Brandon Rotunno
 Ryan L Sanders **
 Nazmus Sakib Shan
 Sonika Singh §
 Michael J Singletary §
 Trevor Spiotta †
 Elizabeth Anne Stanley ‡ TBP
 Chris Thomas Starling ‡
 Thomas Douglas Stepan §
 Viktor Sukhotskiy ‡
 Raymond Tam

Andrew Zachary
 Tennenbaum ‡ TBP *
 Kyle Thompson §
 Ryan Gregory Thorne †
 Nicholas Michael Tourjic
 Emily Anne Valentine ‡
 Rakshit Murthy Viswanatham
 Shengwei Wang
 Adam Wasilenko §
 Evan Israel Wasner †
 Joseph Stephen Wegmann §
 Scott David Will † TBP
 Michael O Wong
 Yangyong Zhang §

Bachelor of Science in Environmental Engineering**September 2014**

Omer Mert Aksakal
 Ifade Asli Kibaroglu

February 2015

Ismet Furkan Dolu *
 Hazal Fidanboy *
 Xu Li
 Frank Urilov

June 2015

Alexander Phillip Brennen ‡
 Caroline Bukowski
 Andrew C Burns ‡
 David Jaikla Chan
 Victor Hoa Chang §
 Robert C Ciralli
 Charlotte M Clark §
 Stephen Peter Conti Jr
 Luke Patrick Donigan
 Erica Lisa Goldin †
 Laura Rose Grassi §
 Steven Joseph
 Shekti Tej Koorapati
 Jacky Luo
 Rebecca Michelle Oaks §
 Alanna Olear §
 Rashad Mohamed Omar
 Matthew Adolph Rakowski
 Brittany Michelle Sainz §
 Joshua Edward Sinay
 Julianne Thais Straus §
 Felix Wong

Baccalaureate Degrees

Bachelor of Science in Industrial Engineering

September 2014

Derek Francis Bongiovanni
Robert Dallas Calhoun
Jonathan Patrick MacAdam §
Michelle Moore
Christina Diane Peragine §
Patrick Smith
Sean Yun Cai Wong ‡

February 2015

Mohammad Ramlan Bin Bahtiar
Stevland Cody Kalicharan
Chang Min Lee
Michael Philip Marra §
Abdul Rehman Chethil Salman
Sumeet Deep Kumar
Yongzhi Zhou

June 2015

John Philip Balzani †
Aloysia Murphy Beaulieu **
Curtis Boyle †
Joseph Jacob Brown
Neal Edward Burkard
Emrance Kathryn Carro §
Tin Fang Chen §
Nicholas James Delgobbo
Udara Jayanganee Dharmasena
Christopher Diaz †
Nandun Chiranjeewa Edirisinghe
Joel Thomas Gough ‡
Izzudin Bin Ibrahim
Kyle Jiron
Michael Jolevski
Nicholas Clark Kreuter
Xiao Li §
Kyle John Lovett
Bin Ken Pang †
Presvin Vinod **
James Anthony Quirk
Robert Joseph Ricci
Anthony Arthur Runk
Ana Ester Sanjur Bernal
Matthew Robert Scholze † TBP
Charles Edward Smith
Jacob John Stefanon

Kwangil Suh
On Tao Tiong
Fallon Joan Waxman
Jingyan Yang †
Benjamin Yi ‡ **

Bachelor of Science in Mechanical Engineering

September 2014

Jasser Mahmoud Akarah
Daniel Bachman §
Deepak Kumar Deepak Kumar
Kyle Patrick Devine § *
Adler Augusto Duarte de Souza
William Sterling Edgcomb III *
Christopher Kotey Kotei §
Jimmy Lam † *
Brian Christopher Plunkett
Muhammad Firdaus Bin Samsudin §
Byung Gun Song ‡
Siddharth Verma

February 2015

Brian Richard Bergh † TBP ◇
Ryan Christopher Blesi *
Travis Burt
Chun Fatt Chan ‡
Anthony Michael Christiano *
Andrew Edward Conti
Steven James Cooper § *
Joseph Samuel Demario § *
Andrew Paul Dexheimer §
Brian Michael Dockstader §
Naneditri Devage Binila Chathuranga
Fernando *
Shaun Flaherty §
Mark Andrew Foley
Joshua Marc Friedman
Rivka Greenfeld
Alexander Harris
Jonathan D Hughes
Zachary T Kane
Ryan Howard Karr
Keerthi Kumar
Brendan Connor Lewis ‡
Rakitha Chandana Bandara
Meegasmulla § *
Satoshi Nishiaoki

Samuel Frederick Pawlyk § *
Wenmin Ruan
Nicholas William Ruhland ‡ *
Tyler Thomas Salamone
David Michael Schlant Jr
Peter Stephen Sloan
Mark Andrew Smith
Hamlet Spencer
Matthew Peter Stubler
David Truong ‡
Hengtian Yao

June 2015

Kushan Buddhika Abeyawardhane §
Benjamin James Adams
Nicholas Altanian §
Sean Amundsen §
Brad L Anderson ‡
Vishnu Nair Aravindakshan §
Ioan Adrian Ardelean
Murphy Emmett Balon Jr
Paul Russell Baumann ‡ TBP *
Max George Blaise III § TBP *
Abner Lee Bogan §
Alec Hamilton Brewer
Charles Burnett
Peter Joseph Cantella
Adam Kyle Chamberlain §
Haras Chaudhry
Junehyung Cho *
Christopher Townsend Chungbin ‡
Dylan James Connelly
Jason Anthony D Souza
Kristian Augustus Stafford
Dalland § **
Michael Anthony DeMeo
Neelkanth Maheshkumar Desai
Jesse Jordan Hart Dewey *
Jay Deepesh Doshi
Meng Duan
Jodie-Ann Valencia Duquesnay
Nicholas Michael Eadie
Ryan Steven Edmonson ‡ *
Kyle Bertrand Erway §
Evan Kristifer Farino
James Vincent Favale † TBP
Ryan Fiust-Klink *
Hing Wing Fong

Tharaka Devapriya Gabadage
Yu Jin Goh
Josh M Gonas ◇
Nicholas Leonard Grieco §
Jason Michael Gringhaus † TBP
Ashley Elizabeth Gurak
Daniel Joseph Halecki § *
Michael Powell Halloran ‡
Michael Heberle
Brian Patrick Heffernan
Alexander Robert Holton
Justin Edward Hromowyk §
Muhamad Ismat Mustaqim Bin
Ibrahim §
Sarah Beth Jacobowitz §
Royce Adam Jacobs
Prince Joseph *
Charles Emerson Kalbfell †
Frances David Kalbfell † **
Samuel Edward Kielar ‡
Spencer Andrew Klein
Brian Jeffrey Klossner ‡ *
Matthew Thomas Kryzak
Michael Adam Landau *
Nicholas Emerson Lanzano
Margaret Elizabeth Lawn † *
Brian Henri Le Floch † *
Andrew Lee ‡ TBP *
Chi Keung Lee
Wookil Lee *
Kevin Lenard
Andrew James Lewis ‡ *
Zi Liang
Matthew Robert Limina § *
Andrew Ryan Lotto
Tyler Daniel Mancini † *
Matthew Steven Marchincin *
Yuri Paul Marsan
Nicholas Anthony Matteliano *
Joshua Robert Matter
Kenneth David Mazzone
Chams Eddine Mballo ‡ *
Nathan McCabe
Connor McCafferty §
Sean Michael McEnerney ‡ TBP *
Erin Taylor Militello
Mohammed Shahrman Bin
Mohammed Shahreza *

Darroch Robert Moorhead
 Alexander Michael Moran § *
 Steven Mounnarat Jr
 Thinagaran N Maniam §
 Theodore Ryan Nalesnik †
 Christian Paul Nelson
 Thomas Scott O'Brien *
 Alvin Okoroji *
 Matthew Joseph Palombo *
 Peter Christian Penasack
 Russell John Pernal ‡
 Samantha Kate Persic † TBP
 John William Pfalzer
 Daniel Robert Porter
 Jordan Matthew Pytlak
 Hashwint Ramanaathen § **
 Abhiram S Rao † TBP *
 Maxwell Clark Reiser
 Shauna Patrice Richards ‡ *
 German Rico Gonzalez
 Cal Rising *
 Jonathan Charles Roche
 Andrew Romano *
 Ezra Daniel Rowitsch
 Sarmad Sardar Sabir Jr
 Alberto Santiago
 Anindya Sarker *
 Dillan Richard Thomas Sayers

Courtney Eugene Scott
 Sarah Emily Selk † TBP
 Rajat Sharma *
 Patrick Thomas Sheridan
 David Nicholas Shufelt *
 Mandeep Singh *
 Manpreet Singh
 Spencer Philip Smith §
 Travis Peter Snyder ‡
 Matthew James Stahlman
 Erica Lucille Stamboulia
 Brianna Rene Stewart † TBP
 M H Priyanta Siri Sumana Siri *
 Matthew Swenson ‡ *
 Nelson Cheuk Man Tam *
 Matthew Davis Tolentino
 John Cody Tomaszewski
 Varunkumar Vruddhula § ◇
 Kaidi Wang ‡
 Jia Hao Wen *
 Zachery Peter Willis §
 Sean Hong Siong Wong
 Michael Woodward §
 Man Kit Wu
 Liu Yang ‡
 Matthew David Yates
 Katie Yu ‡
 Cody Zampella § *

Combined Degrees

Recommending Candidates for Degrees

Liesl Folks
 Dean

Bachelor of Science / Master of Science in Computer Science and Engineering

September 2014

Xiang Lin ‡
 Michael Aaron Slutsky ‡

February 2015

Sergey Cherny ‡ **

June 2015

Stacey Louise Askey ‡
 Jennifer Cordaro ‡ *
 Xia Wu †
 Fandi Yi † **

Bachelor of Science (Mechanical Engineering) / Master of Business Administration

June 2015

Sean Amundsen
 Dale M Higgins



Master's Degrees

Recommending Candidates for Degrees

Liesl Folks
Dean

Master of Engineering in Chemical Engineering

September 2014

William Chishing Cheuk
Zachary Fine
Laura Margaret Haas

February 2015

Ting Wang

June 2015

Xiang Gao
Pi Jeng Khor
Yong Joon Lee
Jun Pan
Jiahui Wu

Master of Engineering in Civil Engineering

June 2015

Jared Evan Port

Master of Engineering in Electrical Engineering

September 2014

Waleed Ahmed
Robert Bernard Finton
Changan Wu

Master of Engineering in Industrial Engineering

September 2014

Timothy John Coughlin

Master of Science in Aerospace Engineering

September 2014

Michael J Mercurio
Timothy P Wadhams
Sara Habibollah Zadeh

February 2015

Eyhab A Abdalla
Rajarshi Biswas
Yuhua He
Bharath Madduri
Vasanthakumar Mahalingam
Victor Alix Migeon
Chen Qian

June 2015

Hossein Aghakhani
Kavyashree Bukkambudhi
Shivakumar
Mustafa Celebi
Aston Preetham D Souza
Harshit Goyal
Ron Heichman
Michael C Hotto
Sunayana Jayaram
Aniketh Kalur
Arun Bhuvanachandran Nair
Adonis Reinier Pimental-Penalver
Gaurav Siwach
Joshua M Weisberger

Master of Science in Biomedical Engineering

September 2014

Lindsay Rothberg
Vincent M Tutino

February 2015

Ayesha Arzumand
Parag Khobragade
Jessica L Utzig

June 2015

Nanditha Anandkrishnan
Zahra Chamanzar
Alexandra Adrienne Ciolko
Sara Ann Heidinger
Shuang Hu
Yan Li
Chang Liu
Jing Luo
Christopher D Martensen
Somaang Menocha
Sreevidhya Ramakrishnan
James Ki Rieffel

Qixin Wang
Sophie Linyi Wang
Rachel Pranitha Wood
Aradhana Ashok Yoganand

Master of Science in Chemical Engineering

September 2014

Xiaoni Ma
Saurabh Singh

February 2015

Pavan Kumar Behara

June 2015

Yamini Sravanthi Amoor
Prannay Bali
Mingfu Chen
Tai Chun Chung
William Ervin
Samar Tamara Fawaz
Akhila Gollakota
Yang Gu
Sogol Hekmatfar
Moon Kattula
Yujie Ke
Cheng Kee Lai
Benjamin Fatt Soon Lam
Junyi Liu
Yang Liu
Yayu Liu
Matthew H. Michnik
Andrew James Mowbray
Na Rong
Suman Samantray
Shawreen Manish Shah
Jiaochen Shen
Ching-Yen Shih
Abhiram Yadav Singapati
Meng Wang
Xiaoyan Wang
Ming Zeng
Hanguang Zhang
Runsheng Zhang
Shizhong Zhao

Master of Science in Civil Engineering

September 2014

Xuan Gao
Rajat Jain
Tianyou Kuang
Sarah M Murray
Rebecca Ann Pisarcik
Abhiram Chowdary Ravipati
Ahmad Farid Sakhizadeh
Vivek Thimmavajjhala
Ronak Pravin Vora
Chunhui Zhao

February 2015

Aubrey L Beckinghausen
Christopher Peter Buck
Theodoros Eleftheriou
Mohsen Ghafari
Wei Guo
Youngtae Han
Muhammad Hassan
Ratan Mohammed Niamul Huda
Walter James Kaniecki
Tian Luo
Nathaniel William Martin
William John McVitty
Garrett C Miller
Joshua Moody
Alexandros Nikellis
Nathaniel Oberhaus
Sandhya Ravindran
Benjamin Christopher Sabo
Curtis L Scott
William E Seychew
Alireza Valikhani
Tao Wu
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June 2015
Mark Louis DeMarie
Major Professor: Albert H. Titus

Muna Jawarneh
Major Professor: Alexander Domijan

Hun Lee
Major Professor: Kwang Wook Oh

Panagiotis Markopoulos
Major Professor: Dimitris A. Pados

Zijian Mo
Major Professor: Weifeng Su

Tania Moein
Major Professor: Alexander N.
Cartwright

Anish Paul Antony
Major Professor: David T. Shaw

Jing Xu
Major Professor: Albert H. Titus

Zhiyong Zhan
Major Professor: Albert H. Titus

Bo Zhang
Major Professor: Weifeng Su

Doctor of Philosophy in Industrial Engineering

September 2014
Cen Song
Major Professor: Jun Zhuang

June 2015
Peiqiu Guan
Major Professor: Jun Zhuang

Hector J Ortiz-Pena
Major Professor: Mark H. Karwan
SUNY Distinguished Teaching
Professor

Doctor of Philosophy in Mechanical Engineering

September 2014
Phillip M Cormier
Major Professor: Kemper Lewis

Xiangtong He
Major Professor: Youwei Fu

Reza Madankan
Major Professor: Puneet Singla

Seyed Navid Samadi Vaghefi
Major Professor: Cyrus Madnia

Elena R Stefanescu
Major Professor: Abani Patra

February 2015
Jennifer R Haggerty
Major Professor: Tarunraj Singh

Arezo Hajesfandiari
Major Professor: Gary Dargush

Mohammad Ebrahim Kolahdouz
Major Professor: David Salac

Yong Won Seo
Major Professor: Thenkurussi
Kesavadas

Andi Wang
Major Professor: Deborah Chung

Xiaobo Zhou
Major Professor: Venkat Krovi

June 2015
Nagavenkat Adurthi
Major Professor: Puneet Singla

Mohsen Daghooghi
Major Professor: Iman Borazjani

Seung Kook Jun
Major Professor: Venkat Krovi

Nicole Varble
Major Professor: Hui Meng

Deepika Verma
Major Professor: Susan Hua

Kumar Vishwajeet
Major Professor: Puneet Singla

History of the School of Engineering and Applied Sciences

In celebrating this commencement, the School of Engineering and Applied Sciences (SEAS) marks over a half-century 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 bachelors and masters 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 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.

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.

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 sixty-plus years, twelve 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 1959–60. E. Arthur Trabant was dean from 1960–1966; Howard E. Strauss was acting dean from 1966–67. 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 1967–70; Joseph Bergantz was acting provost from 1970–71; 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 the school's sixth dean, followed by Harvey G. Stenger Jr. in 2006. Rajan Batta was the school's acting and interim dean in 2011–12, and in 2013, Liesl Folks joined SEAS as the school's eighth dean.

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 165, have won prestigious awards, authored countless books and articles, and produced many patents for materials and techniques, all aiming to benefit humankind. More than 45 of our faculty have been elected as Fellows of engineering professional societies and 30 are National Science Foundation early career award winners. In the past year alone, seven of our current faculty members were recognized with SUNY Chancellor's Awards for Excellence in Teaching, Faculty Service, and Scholarship and Creative Activity. Many others hold SUNY distinguished professor titles.

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 UB's Center for Engineering Design and Applied Simulation (formerly NYSCEDII), Center for Multi-source Information Fusion (CMIF), Center for Unified Biometrics (CUBS), Center for Excellence in Information Systems Assurance Research and Education (CEISARE), and The Center for Industrial Effectiveness (TCIE), as well as a membership in the National Science Foundation Center for e-Design. More recently, we have engaged with our campus colleagues to develop research and educational programs under UB's "E Fund" initiative, which supports programs that will have a high impact both inside and outside the university. These include Computational Data Science and Engineering (CSDE), Home Health and Well-Being through Adaptive Smart Environments (Home-BASE), Institute of Bridge Engineering (IBE), and Institute of Sustainable Transportation and Logistics (ISTL). Our total research expenditures for the academic year 2012–2013 were \$60 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 25,000 alumni who have made their mark on the discipline, both in the academic world and in industry. Graduates live in 50 states and 65 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 that needs to be done to rise to the challenge of training the next generation of great engineers while delivering world-changing advances in science and technology.

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



UB Alumni Association Letter



Dear Class of 2015,

Congratulations, graduates! Your hard work has brought you the knowledge, skills and confidence to take the next step in your life. Be proud of your accomplishment as we are proud of you.

On behalf of the UB Alumni Association, I welcome you to our family of UB alumni. Though you may be leaving campus today, you're not leaving UB. With more than 230,000 UB alumni around the world, wherever you go you will find fellow alumni.

As you move forward, I encourage you to keep UB close. The UBAA is here for you. We will help you stay connected through regular communication via email and At Buffalo, our quarterly magazine, and alumni chapter events across the U.S. and around the world. Need career advice or connections? The UB Career Community will put you in touch with alumni in your current or target geographic area. These are just a few of the services UBAA offers to all UB alumni.

To learn more about the UBAA and the benefits and services available, visit the alumni website at www.alumni.buffalo.edu or contact the Office of Alumni Engagement at 1-800-284-5382 or ub-alumni@buffalo.edu.

Good luck and best wishes,

A handwritten signature in black ink, appearing to read 'Carol Gloff'.

Carol Gloff, BS '75
President, UB Alumni Association

P.S. Please make sure to keep UBAA informed when your email address changes. We want to stay in touch.

UB Engineering and Applied Sciences Alumni Association Letter

Dear Class of 2015,

Today we celebrate your great achievements at the UB School of Engineering and Applied Sciences commencement ceremony. You have all worked hard to earn your degree, and have spent many hours and late nights conducting cutting edge research, studying, completing assignments and preparing for exams. The UB Engineering and Applied Sciences Alumni Association (UBEAA) is proud of your accomplishments and the knowledge base that you have built during your years at UB. I encourage you to carry your great work ethic, knowledge and enthusiasm for engineering forward into your careers.

On behalf of the UBEAA Board of Directors, we welcome you to the UB School of Engineering and Applied Sciences alumni family. There are more than 25,000 of us around the world! We encourage you to join the UBEAA board and take advantage of potential internship and networking opportunities. The UBEAA will also help you stay connected to UB through support of annual events such as the Engineer of the Year and Order of the Engineer ceremony, the Buffalo Engineer magazine, student club activities, as well as mentoring opportunities.

To learn more about the UBEAA, contact Bethany Mazur: bl12@buffalo.edu, the UBEAA Board of Directors: ubseas@gmail.com, or visit our website at: engineering.buffalo.edu/ubea.

As stated by Conan O'Brien, "Work hard, be kind and amazing things will happen."

Congratulations,

A handwritten signature in black ink, appearing to read 'Colleen O'Connell'.

Colleen O'Connell, Civil Eng. BS 2003
President, UB Engineering 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)

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 an 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.



Congratulations to the graduating class of 2015!

