

College of Engineering & Computer Science

CONVOCATION

May 2023



A Message from the Dean

Dear Graduates,

Congratulations on earning your degree from Syracuse University! This degree will mean something different to each of you. Maybe you are in the first generation of your family to earn a degree. Some of you will continue your studies in graduate school or within an academic or research lab career. Perhaps you were unsure if this day would ever come as you struggled to surmount curricular, research, or personal barriers. Regardless of your path, you have every reason to be immensely proud of your accomplishments.

Your Syracuse education will be transformative as you begin your career. By now, you have surely come to realize that the skill sets you obtained here are just part of the benefit of your degree: You are tremendously valuable because of your problem-solving mindset, and because you can respond to ever-changing challenges. After all, we have certainly learned that the issues that confront us now are (clearly!) not the issues that confronted the world five years ago, and they won't be the ones that confront us five years from now.

Engineering and computer science problems are fraught with uncertainty and complexity, and often require a vast skillset that no one person has. They require us to work with people in different disciplines, with different backgrounds, and having a broad array of different goals. I plead with you not to underestimate your own importance in addressing the grand challenges that our society faces. Those difficult courses, papers, and projects you labored through are designed precisely to help you as you embark on your next phase of life. Maybe you worry that in the workplace, you won't remember certain formulas, will forget how some algorithm works, and won't know the latest programming language that a new generation adopts. This is inevitable; what matters is the fact that you know how to learn, adapt, and innovate, just as you did during your time at Syracuse.

As a Syracuse University alumnus, you will surely serve as an inspiration to future generations. As you build a safer, healthier, and more sustainable world, be sure to stay in touch and find ways to inspire the next generation with your knowledge, experience, and support. Your faculty and staff will miss you more than you think, and they care deeply about your continued success. Please take the time to connect with us, thank the ones who meant the most to you during your journey here, and stay in touch to share your continued success with us.

Sincerely,



J. Cole Smith, Dean, College of Engineering & Computer Science
Syracuse University

We dedicate this program to all past and present students of Syracuse University's College of Engineering and Computer Science and to their families and friends.

Table of Contents

PRESENTATION OF GRADUATING STUDENTS

| | |
|------------------------------|----|
| Ph.D. Candidates | 5 |
| M.S. Degree Candidates..... | 10 |
| B.S. Degree Candidates | 16 |
| Honors..... | 20 |

SCHOLARS AWARDS AND PRIZES

| | |
|----------------------------------------------|----|
| Syracuse University Scholars | 23 |
| Remembrance Scholars..... | 23 |
| All-University Ph.D. Prizes | 23 |
| Graduate School Master of Science Prize..... | 23 |
| Renée Crown University Honors..... | 23 |
| U.S. Armed Forces Commissions | 23 |
| Outstanding Teaching Assistant Award | 24 |

UNIVERSITY COLLEGE AWARDS

| | |
|----------------------------------------------------------|----|
| University College Outstanding Undergraduate Award | 24 |
|----------------------------------------------------------|----|

COLLEGEWIDE AWARDS AND PRIZES

| | |
|-----------------------------------------------------------------------------------|----|
| College Marshals..... | 24 |
| George M. Berry Award for Best All-Around Senior | 24 |
| George M. Berry Award for Outstanding Design Achievement | 24 |
| Yueh-Ying Hu Memorial Award..... | 25 |
| Earl H. DeVoe Prize for Outstanding Undergraduate Research | 25 |
| College of Engineering and Computer Science Alumni Association Service Award..... | 25 |
| Andrea L. Rubin Memorial Award | 25 |
| Louis N. DeMartini Award for Outstanding Research | 25 |
| BioInspired Undergraduate Research Award | 25 |
| Richard A. Bernard Award..... | 25 |

DEPARTMENTAL AWARDS

| | |
|---------------------------------------------|----|
| Aerospace Engineering..... | 26 |
| Bioengineering..... | 26 |
| Chemical Engineering | 27 |
| Civil and Environmental Engineering..... | 27 |
| Computer and Information Science..... | 28 |
| Computer Engineering..... | 28 |
| Cybersecurity..... | 29 |
| Electrical Engineering | 29 |
| Engineering Management..... | 30 |
| Mechanical Engineering..... | 30 |
| Diversity, Equity and Inclusion Pledge..... | 31 |
| 2023 Convocation Guest Speaker | 32 |

Convocation Program

PRESIDING

Sinéad Mac Namara, Ph.D., Associate Dean for Student Affairs

ACADEMIC PROCESSION

Faculty, Distinguished Guests, Academic Leadership of the College, and the Dean

WELCOME

Cole Smith, Dean College of Engineering and Computer Science

PRESENTATION OF CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY & AWARDS FOR OUTSTANDING DOCTORAL DISSERTATIONS

PRESENTATION OF CANDIDATES

Civil & Environmental Engineering

THE UNDERGRADUATE STUDENT PERSPECTIVE

Madeline Jones, Candidate for Bioengineering B.S.

Justin Gluska, Candidate for Computer Science B.S.

PRESENTATION OF CANDIDATES

Biomedical and Chemical Engineering

THE GRADUATE STUDENT PERSPECTIVE

Sweta Roy, Ph.D. candidate, Bioengineering

Laura Audrey Thomasina Markley, Ph.D. candidate, Civil & Environmental Engineering

PRESENTATION OF CANDIDATES

Mechanical & Aerospace Engineering and Engineering Management

GUEST SPEAKER

Patrick Murphy '88 Aerospace Engineering

PRESENTATION OF CANDIDATES

Electrical Engineering & Computer Science, Cybersecurity and Systems and Information Science

DEAN'S FORMAL REMARKS

ACADEMIC PROCESSION

Faculty, Distinguished Guests, Academic Leadership of the College, and the Dean

PROCESSIONAL AND RECESSIONAL MUSIC

Fayetteville-Manlius High School Brass Quintet

TRUMPETS Ethan Batick, Daniel Summers; HORN Sara Kronenberg;

TUBA Michael Surowiec; EUPHONIUM Charles Chisholm

Doctor of Philosophy Degree Candidates

This list represents the names of students who filed a diploma request card by April 1, 2023 to declare their candidacy for participation in graduation ceremonies.

Dhafer Ali Alqahtani

Ph.D. Civil Engineering

Advisor: Baris Salman

“A Sustainability Assessment Framework for Public-Private Partnerships (PPPs) in Highway Projects”

Abiral Baniya

Ph.D. Mechanical and Aerospace Engineering

Advisor: Quinn Qiao

“Advanced Lithium Metal Batteries: Functional Electrolyte Additive and Lithium Metal/Solid-State Electrolyte Interface Engineering”

Henry Beaman

Ph.D. Bioengineering

Advisor: Mary Beth Monroe

“Leveraging Isocyanate Chemistry for Low Cost and Highly Functional Hydrogels”

Raja Sekhar Bobba

Ph.D. Mechanical and Aerospace Engineering

Advisor: Quinn Qiao

“Lewis-base Thioacetamide assisted crystallization of lead-free perovskite solar Cells for improved Efficiency”

Chen-Hao Chang

Ph.D. Mechanical and Aerospace Engineering

Advisor: Victor Duenas

“Switched Kinematic and Force Control for Lower-Limb Motorized Exoskeletons and Functional Electrical Stimulation.”

Caitlin Genet Eger

Ph.D. Civil Engineering

Advisor: Charles T. Driscoll

“Causal effects of green infrastructure on stormwater hydrology and water quality”

Amin Fallahi

Ph.D. Computer and Information Science and Engineering

Advisor: Vir Phoha

“Adversarial Activity Detection and Prediction Using Behavioral Biometrics”

Mangqing Guo

Ph.D. Electrical and Computer Engineering

Advisor: Mustafa Cenk Gursoy

“Analysis of wireless networks with massive connectivity”

Emma Gist

Ph.D. Mechanical and Aerospace Engineering

Advisor: Mark Glauser

“Exploring Passive Flow Control Techniques Applied to a Supersonic Multistream Rectangular Nozzle.”

Yuyan Hao

Ph.D. Mechanical and Aerospace Engineering

Advisor: John F. Dannenhoffer

“Automatic Generation of Near-Body Structured Grids.”

Alexander Hartwell

Ph.D. Mechanical and Aerospace Engineering

Advisor: Jeongmin Ahn

“Advanced Manufacturing of Multilayer Ceramic Composites for Application in Solid Oxide Fuel Cells.”

Pegah Hozhabrierdi

Ph.D. Computer and Information Science and Engineering

Advisor: Sucheta Soundarajan

“Protection against Negative Contagion in Complex Social Networks”

Shengmin Jin

Ph.D. Computer and Information Science and Engineering

Advisor: Reza Zafarani

“Interpretable Network Representations”

Alexander James Johnson

Ph.D. Civil Engineering

Advisor: Cliff I. Davidson

“Estimating Dry Deposition of Atmospheric Aerosols by Rain Washoff from Urban Surfaces”

Rui Ma

Ph.D. Electrical and Computer Engineering

Advisor: Sara Eftekharijad

“Enhancing Grid Reliability with Phasor Measurement Units”

Laura Audrey Thomasina Markley

Ph.D. Civil Engineering

Advisor: Charles T. Driscoll

“A Multi-Disciplinary Approach to Plastic Pollution from Environmental Sampling to Surveying: Quality Assurance, Freshwater Contamination, and Popular Opinions”

Amir Ali Montakhab

Ph.D. Mechanical and Aerospace Engineering

Advisor: Benjamin Akih-Kumgeh

“Numerical Investigation of The Effect of Inlet Turbulence Intensity on a Bluff-Body Stabilized Flame at Near Flame Blow-Off Conditions.”

Connor Ian Olson

Ph.D. Civil Engineering

Advisor: Charles T. Driscoll

“Recent Changes in Mercury Cycling within the Conterminous United States”

Shreyas Pathreker

Ph.D. in Chemical Engineering

Advisor: Ian Hosein

“Structure and Morphology of Photoreactive Monomer-Nanoparticle Mixtures Under Patterned Irradiation”

Durgesh Ranjan

Ph.D. Mechanical and Aerospace Engineering

Advisor: Shalabh Maroo

“Multifunctional Nanochannel Wicks For Surface Wettability and Thermal Management”

Sweta Roy

Ph.D. Bioengineering

Advisor: Dacheng Ren

“A New Strategy for Persister Control”

Dojana Salama

Ph.D. Electrical and Computer Engineering

Advisor: Jay Kyoon Lee

“A Novel Method for Tuning a Transistor-Based non-Foster Matching Circuit for Electrically Small Wideband Antennas”

Robson Luis Schuarça

Ph.D. Chemical Engineering

Advisor: Jesse Bond

“Kinetics of Hydrogenation Reactions on Supported Platinum and Platinum-Tin Catalysts”

Jialei Shen

Ph.D. Mechanical and Aerospace Engineering

Advisor: Jianshun Zhang

“Green Design Studio: A modular-based approach for high-performance building design.”

Anand Utpal Vakil

Ph.D. in Chemical Engineering

Advisor: Mary Beth Monroe

“Exploring the Biomedical Applications of Polyurethane-Based Foams, Films, and Hydrogels”

Chenyan Wang

Ph.D. Bioengineering

Advisor: Zhen Ma

“Engineering Temporal and Spatial Complexity in Biomaterial Scaffolds for Cardiac Disease Modeling and Mechanobiology”

Joseph Wasswa

Ph.D. Civil Engineering

Advisor: Teng Zeng

“Exploring the Roles of Organic Matter Source and Transformation for Photochemical Characterization of New York Lake Waters”

Tackla Winston

Ph.D. Bioengineering

Advisor: Zhen Ma

“Targeted differentiation of mesenchymal Stem Cells From Induced Pluripotent Stem Cells to Generate extracellular Vesicles for Therapeutic Applications”

Chengxiang Yin

Ph.D. Electrical and Computer Engineering

Advisor: Qinru Qiu

“Visual-Semantic Learning”

Carlos Omar Espinoza Zelaya

Ph.D. Mechanical and Aerospace Engineering

Advisor: Young Moon

“Enhancing the operational resilience of Cyber-manufacturing Systems (CMS) against cyber-attacks.”

Kairui Zhang

Ph.D. Bioengineering

Advisor: Pranav Soman

“Advanced In Vitro Models for Studying Bone Physiology”

Lin Zhang

Ph.D. Computer and Information Science and Engineering

Advisor: Fanxin Kong

“Real-Time Adaptive Detection and Recovery Against Sensor Attacks in Cyber-Physical Systems”

Xinyi Zhou

Ph.D. Computer and Information Science and Engineering

Advisor: Reza Zafarani

“Algorithmic Solutions to Combat Online Fake News”

Master of Science Degree Candidates

This list represents the names of students who filed a diploma request card by April 1, 2023 to declare their candidacy for participation in graduation ceremonies.

BIOENGINEERING

Colby James Black
Britnie Carpentier
Meng Chai
Katherine Ann Gardner
Priyanka Shankar Lalwani
Songruo Li

Ian G. McHugh
Mark Nicola
Nelly Raissa Setchie-Tchato
Maximilian Meier Wilderman
Monica Wu
Zining Yang

CHEMICAL ENGINEERING

Faris Amer
Alexis Rose Aquilino
Ken Chen
David Anthony Fikhman
Gabriel Samuel Hernandez
Weixuan Huang

Marissa Lisikatos
Micayla Moldenke
Ty Davis Syta
Yaqin Tang
Ameya Subodh Wakankar
Hao Yue

CIVIL ENGINEERING

Anup Agarwal
Iqbal Ahmad Noor
Mohammed Abdullah M Alburaidi
Nicole Ayora
Vedant Girish Chaudhari
Gargi De
Saifeldeen Khalil Elsayed

Stephen Goffredo
Maxwell James Karl
Daniel Leyva
Jiayue Liu
Erick Lojano-Quispe
Niruthshanan Paransothy

COMPUTER ENGINEERING

Talal Salman Alrashidi
Peyman Imani Ardekani
Nishant Kailas Bakhrey
Sri Krishna Sai Kireeti Bhairavabhotla
Haochen Bie
Rakesh Boyina
Zheng Cai
Xudong Chen
Patrick Coleman
Clayton E. Colson
Drew Dowling
Daniel E. Ems

Xingli Fang
Xing Gao
Yuxuan Hao
Brannon William Henderson
Ziling Hu
Mark E Hurban
Samuel Hutzler
Satyajeet Kumar Jha
Wenxi Jia
Deepthi Konda
David A. Lambrych
Luanqi Li

Ruofan Li
Shian Li
Yiping Li
Zhuofeng Li
Yichen Liang
Jizhong Lin
Zhuoyao Luo
Thejus Mullusoge Dinesh
Abhijeet Mulugu
Sangram Rajendra Navale
Sri Rohith Palakurthi
Vidhi Bhadreshkumar Patel
Yuzhuang Qian

Sihao Ren
Adan S.M. Salman
Vipul Ashok Sawant
Dhiraj Nandkishor Shrotri
Omar Aurelio Vargas Ramos
Vinoth Gajendran
Jinbo Wang
Sitao Wang
Derrick Kyle Ward
Zhihua Yang
Zhe Zhang
Hongchao Zhou

COMPUTER SCIENCE

Akanksha Achukola
Olatunji Afolabi-Brown
Aditya Tushar Ahale
Akhil Kumar Ajitha
Hassan Alwishah
Madhura Anand
Aswath Sabarri Arul Senthilkumar
Liam Patrick Atkins
Bal Gang Sourab Sreejanan
Tejaswini Bangalore Manjunath
Ramya Reddy Bangaru
Oudou R. Bangre
Ousmane Barry
Raghubandan Gajanan Bhat
Pratik Vijay Bhatia
Rahul Bhatt
Pawankumar Vishvamitra Bherwani
Hiloni Bhimani
Venkata Sai Pavan Boinepally
Ramu Bommenahalli Shashidhara
Siddhi Raajhesh Bothra
Andrew Michael Boyce
Hengbo Cai
Rashmi Ranganath Chakravarthy
Kenneth P. Chalupa
Chih-Chia Chen
Junfan Chen
Ke Chen
Luohao Chen
Zhiyi Chen
Shubham Nilkanth Chopade

Himanshu Avadhut Churi
John Civello-Mazzoccoli
Neeraj Kishorkumar Danda
Kyle Darling
Vincent E. Deluca
Zachary Demers
Nihar Ravindra Deshmukh
Humberto Dominguez Jr.
Lekha Preethi Dommaraju
Udit Parag Doshi
Elizabeth J. Dwulit
Abraham Esparza
Benjamin Ezard
Yehya Marwan Farhat
Thaslima Nasreen Fazulur Rahman
Kaiqi Feng
Zhengping Feng
Tejas Sandeep Gajare
Simon I. Garfe Herrera
Manha Garg
Leo Garza
Dimpy Shailesh Ghaswala
Ajitesh Sarma Godavarthi
Nikhil Rasik Gohil
Hannah Goodwin
Atul Anand Gopalakrishnan
Matthew William Graber
Ruikang Guo
Aaditya Sanjay Gurav
Brandon Edward Hancock
Bernell L. Harrington

COMPUTER SCIENCE, CONTINUED

| | |
|-------------------------------------|-------------------------------|
| Akshay Hebbar | Vikrant Vijaykumar Nakhate |
| Janani Hemachandran | Joseph Napolitano |
| Anuja Anil Hiwale | Sajiah Naqib |
| Richard Horvath | Jeff Ndunga |
| Bindushree Huruhihakkalu Ambikanath | Jacob Neiswonger |
| Trinath Reddy Inturi | Martha K. Newton |
| Avantika Mahalingam Iyer | Matthew C. Nowinski |
| Shravani Vilasrao Jadhav | Stephen R. O'Connor |
| Aishwarya Mahendra Jage | Damilola A. Omitaomu |
| Sophia Jaghori | Maduakolam Nicholas Onyewu |
| Shubhangi Jaiswal | Shreyans Padmanaban |
| Bharat Jangama | Kuhu Pandey |
| Tian Jiang | Mitanshu Harshadbhai Patel |
| Zezheng Jiang | Rushil Manishkumar Patel |
| Nitish Ravindra Joshi | Spandan Manilal Patel |
| Nimisha Sajjanikumar Khaitan | Srushti Rajeshkumar Patel |
| Jasmir Pinakin Kharwar | Jahnvi Pathapati |
| Shuaixin Li | Karthik Ravigouda Patil |
| Dawen Liang | Varad Sudhir Pawar |
| Junle Liang | Paul Perez |
| Kevin Lin | Ruzan Kerman Pithawala |
| Chang Liu | Dorababu Polamuri |
| Yuqi Liu | Jaime L. Ponicki |
| Anton Ivan Lohner Piazza | Aman Potdar |
| Daniel Lugo | Justin M. Powers |
| Mark Owen Lunstead | Anusha Prakash |
| Jiarui Lyu | Yong Qiao |
| Sai Saran Macha | Arpit Shekhar Raj |
| Indeevar Madapakula | Akshay Rajan |
| Sneha Sudheer Madathi Paramba | Ashwathy Rameshan |
| Amith Vardhan Madhavaram | Madhuri Kiran Ravikiran |
| Aditi Mallesh | Anthony E Redamonti |
| Akshay Mahajan | Zhen Ren |
| Omkar Ashok Manchekar | Taylor Douglas Robey |
| Weilai Mao | Nishant Rohan Rodrigues |
| Eman Martinez | Abhratanu Saha |
| Matthew Christopher Mawson | Hector Saldivar |
| Ciante D. McLemore | Ansuman Sasmal |
| Apurva Rajdeep Mhatre | Chintamani Deepak Satavalekar |
| Shubhada Suryakant Mohite | Roger Schmidt |
| Philip Morrone | Sahil Sehgal |
| Aditya Krishna Gnaneshwar Mudireddy | Moira Senff |
| Vidheesh Kumar Nacode | Kinjal Pankaj Shah |

Heena Navid Shaikh
Rubal Sharma
Daniel L. Shepherd
Rakshith Nallahally Shivanna
Srinidhi Shivaram Prakash
Shloka Rahul Shrivastava
Anubhav Shukla
Ekta Singh
Jaspreet Singh
Maninderjit Singh
Mario O. Sobrino
Priya Pravin Solanki
Vaishnavi Prashant Subhedar
Sinchana Sulugodu Shashidhara
Vidyasankar Sundararaman
Supriya Suresh
Shriya Rajesh Suryavanshi
Anurima Swarup
Bryan Sweeney
Xiaoran Tang
Zheng Tang
Manali Rajendra Tawar
Abhishek Teli
Shreya Gurunath Tendulkar
Devendar Sai Thallam
Cuong Tran
Anna Nicole Tupas

Sri Sailakshmi Vadlamudi
Peter James Valentine
Ruchi Amish Varia
Navya Kiran Veerapura Bhanuprakash
Sangeetha Venkatesan
Haoxiang Wang
Qisen Wang
Weidong Wang
Xiao Wang
Yuchen Wang
Zixiang Wang
Huiying Wu
Dongze Xie
Yuhui Xie
Nuo Xu
Hao Yan
Haodong Yang
Jin Yang
Lingzhi Yang
Yuqing Yang
Yogesh Vishwanathan
Guochen Yu
Zhuowei Zhang
Junxiao Zhao
Chao Zhou
Xiongfeng Zhu
Yunhui Zhu

CYBERSECURITY

Kaiffee Bains
Tamia N. Barnes
Lisa A. Bartlett
Jordan Gabriel Blackburn
Corlan Carey
Melissa Krista Chodziutko
Tadrush Mayank Desai
Dwayne Donaldson
Suzanne Honyoust Hill
Varsha Hrishikesh
Jeremy P. Johnson
Prithvi Raju Kunder
Brandon Lee
Scott C. Lee

Claudette McDonough
Ahmed Mohammed Abubacker
Anthony Nguyen
Venkata Harikishan Babu Pasupulati
Gaurav Rawal
Alex S. Rhodes
Rawi Nabil Sader
Aditya Vikram Singh
Tyler Dalton Smelski
Spoorthi Somashekar
Amanda Sookhai
Praneet Thapliyal
Henil Harshad Vedant
Kyungrok Won

ELECTRICAL ENGINEERING

Aniket Rajendra Andraskar
Xingyu Cai
Che Kai Chang
Vineeth Chidambaram
Nicholas Shawn Connolly
Dane Richard Dimaria
Haikuo Dong
Prathu Garg
Michael Anthony Girard
Biyang Guo
Enmin Guo
Aditya Deepak Hartalkar
Anoop Kumar
Donglai Li
Daodao Liu
Tyler Sean Marston
Kervin Mathurin

Andrew Joseph Michael
Pushkar Nath Mishra
Ajinkya Ganesh More
Garrett Martin Murphy
Chika Uchechi Osuagwu
Sushant Vijaykumar Patil
Chris Przybyla
Fanyun Qi
Roland Schultheiss
Jose Ignacio Ginorio Saldana
Xiaowen Shen
Pushpendra Kumar Singh
Haoran Wei
Ling Wen
Yifei Xu
Xiangyu Zhang
Jiamin Zhao

ENGINEERING MANAGEMENT

Jordan Philip Caviness
Graham Alexander Chapman
Anthony Cruz
Taylor William Davis
Harshil Mayank Desai
Snehal Ravindra Dhumal
Katherine Grace Driscoll
Sean Edelman
Andrew Kelley
Suyash Shirish Kulkarni
Ho Lim Cyrus Li
Alexander P. Musselman
Manumohan Nair
Sahil Patel

Ian Curtis Ryohei Pointer
Alexander Richard
Vadim Salashnyy
Vraj Shah
Saket Sharma
Ziqi Su
Tahsin Al Tahmid
Ethan William Tracey
Sanya Tuli
Timothy Dwayne Wiley
Jonathan Wade Wilson
Silvio-Antonio Nicola Zallo
Seyed Alireza Zarrin Mehr
Heewoon Kim

ENVIRONMENTAL ENGINEERING SCIENCE

Mohammed Qasim Mehdi
Saadiya M. Sheekh Nuur

Hongrui Pan

ENVIRONMENTAL ENGINEERING

Siddhant Bansal

Luke Borden

Yunni Chen

Christopher Harvey

Johannes Theodore Stavenhagen Helgren

Kiran Marie Jain

Nicholas Colin Axel Kohl

Tasmeem Jahan Meem

Pratik Vijay Parihar

Marilyn Smith

Hang Wu

MECHANICAL AND AEROSPACE ENGINEERING

Christopher John Doherty

Manas Engineer

Andrew John Gagan

Jingyi He

Zijian He

Camila Alexandra Humala Noriega

Bicheng Jin

Benjamin John Kane

Carl Winston Rice Kjellberg

David Krouse

Nathan Lemoine

Stephen Matthew Wei Leung

Zekai Li

Deze Liu

Alexander Timothy Metcalf

Mark Namatsaliuk

Renjie Ning

Hanchong Qian

Matthew Anthony Qualters

Brio Allende Ratzlaff

Shane Michael Sefransky

Prabha Singh

Cole Anthony Wilhelm

Aliza Marie Willsey

Xinzhe Wu

Ming Yan

Paul Benjamin Zakzewski

Mingwei Zhou

Yixing Zhu

Bachelor of Science Candidates

This list represents the names of students who filed a diploma request card by April 1, 2023 to declare their candidacy for participation in graduation ceremonies.

AEROSPACE ENGINEERING

| | |
|----------------------------|---------------------------|
| Sean Adams | Amanda L. McVeigh |
| Grace E. Al-Sheikh | Evan Gregory Moore |
| Katherine Elizabeth Braun | Connor Six Napierala |
| Martin Joseph Brennan | Eric John Palinkas |
| Savannah Rose Burlison | Madeline Grace Phelan |
| Kassidy Elizabeth Fields | Kazi Golam Rafee |
| Christian Scott Fitzgerald | Jeffrey Jacob Schalberg |
| Jacob D. Gomez | Kee Horng Seh |
| David Leo Hadley | Amanda Marie Stafford |
| Aidan Hoff | Zachary Michael Stahl |
| Sadhana Jude | Jack Stanislas |
| Byunghyun Kang | Yiyuan Sun |
| Harrison Kayton | Levon Tekeyan |
| Myat Min Khant | Anthony Robert Tricarico |
| Dante Alexander Liotta | Sasha Valitutti |
| Jacob Eric Long | Charles S. Van Beek |
| Powers Craig Lynch | Kathryn Elizabeth Whybrow |
| Frank David Fulfs Marin | Taj Allen Wilson |
| Ana Gabriella Martinez | Melissa Yeung |
| Jason W. McElhinney | |

BIOENGINEERING

| | |
|-------------------------------|---------------------------|
| Jared J. Anderson | Disha Jignesh Mehta |
| Eric A. Benaroch | Hallie Teresa Morgan |
| Brendan J. Berman | Hannah V. Murphy |
| Zeynep Sue Cakmak | Alyssa Pape |
| Evan A. Campbell | Dominic Michael Patille |
| Shi Dong | Megan Isabel Perlman |
| Skylla Gordon | Gabriel I. Quintero |
| Benjamin Grainger | Kazi Golam Rafee |
| Grace N. Haas | Lillian Kilmer Rhuda |
| Lauren Elizabeth Hamilton | Isabella Madeline Rosales |
| Madeline Jones | Brandon Salazar |
| Gabriel Khan | Katherine Anne Southard |
| Olivia Lynne Kmito | Justin N. Stock |
| Jakub Aleksander Kochanowski | Hasan Usmanov |
| Assul Larancuent | Nathaniel Wellington |
| Sara Anne Leonardo | Lauren Margaret Woodford |
| Alejandra Eugenia Lopez | Rui Xie |
| Aelish McGivney | Ahlam Zokari |
| Blake Anthony Medrano Cabildo | Samantha Yvonne Zysk |

CHEMICAL ENGINEERING

Lauren Anne Burghardt
Dennis Dao
John Miguel Doran
Brent Tadao Gosselin
Hannah Grossman
Avery Gunderson
Aiden A. Jacobs
Jake Tyler Jock
Sayf Karim
Adam J. Klinger

Gabe Lipsitz
Diarra Mack
Alexis Riccardo
Jacob Matthew Shellhamer
Jason Tan
Briana Nicole Vlacich
Murphy David Hickey Waters
Madeleine Solene Weinmann
Tyrese J. Whyte

CIVIL ENGINEERING

Abdalahman Faisal Alharbi
Osama Alkasabra
Juan Pablo Arosemena Graziadei
Nagdalina Baez
Vincent Luca Barone
Masson Patrick Bruening
Vanessa Chica
Aymeric Pierre Alexis Robert Destree
Brendan Stephen Dwyer
Xuanjie Fan
Thomas Josep Gagliardi
Alyssa Jeannine Griffin
Alexandria Rose Hiller
Kate Astrid Kemnitz
Griffin Matthew Kervick
Adam Paul Landry

Haben Legesse
Emilija Alise Lizuz
David J. Montaleza
Mona M. Osman
Jon Pence
Brian A. Perez
Anthony Michael Privitera
Benjamin Joseph Putrino
Kaylin Janet Richards
Angie M. Rodriguez
Keisha Zefanya Rorimpandey
Ethan Ryan Schulz
Erin Meagan Splaine
Christian E. Ward
Paige H. Yamane
Garrett J. Zito

COMPUTER ENGINEERING

Prosper N. Adabla Jr.
Chikeluba K. Anierobi
Samsondeen Olawale Batula
Kyle J. Betten
Brekken J. Bozzi
Tysean Canada
Ibrahima Diallo
Brandon Terrell Durrington
Elizabeth A. Fatade
Mehak Jetly
Matthew B. Leight

Jiaxiong Li
Kyle David Maiorana
Isabel M. Melo
Aidan Mickleburgh
Abdullahnayeem Ibn Mizan
Adam Z. Muhammad
Jose Luiz Olivera
Alexander C. Perez
Samuel M. Rosenthal
Renjie Xu

COMPUTER SCIENCE

Brian H. Belluscio
Joshua Jordan Boucher
Brian Michael Bourne
Joseph Edmund Busacca
Bryce Cable
Chih-Chia Chen
Wenyu Chen
Season Chowdhury
Matthew John Cufari
Ryan Matthew Czirr
Zachary Davis
Rudolph DeFavero
Christopher Edmonds
Georges Leys Elizee
Ryan Siebe Elsing
Jonathan N. Fuhrman
Evan Garvey
Ruixi Geng
Sofia Ghahremanpour
Zain Ghanim
Justin Gluska
Dayong Gu
Michael J. Hanlon Jr.
Liam Gordon Hannah
Xuanye Huang
Yanju Huang
Chengyi Jiang
Frederick Jackson Jones
Alan Jos
Matthew Keenan
Polina Kozyreva
Rick M. Li
Andy Li
Haofeng Li
Modi Li
Haochen Lin
Jiaming Liu
Yuyuan Liu
Siyuan Liu
Steven Liu
Yiheng Lu
Runzhi Ma
Konnor Mascara
Ryan M. May
Noah Mechnig-Giordano
Eniola O. Mosaku
Chenxi Mu
Kayla Nieto
Siwei Peng
Jonathan Lee Schwenk
Joseph Elisha Seabrook
William P. Seeley
Huahao Shang
Miao Shen
Petr Sopidi
Kevin Sullivan
Dylan A. Teare
Jonathan Richard Constantine Templeton
Jacob Wansor
Jack Willis
Nolan Gabriel Willis
Zongxiu Wu
Zhuoyi Xiong
Yujie Xu
Jishuo Yang
Ziyun Zhang
Mingyan Zhang
Rixiang Zhang
Yiming Zhou
Mochen Zhou
Joseph Patrick Zoll

ELECTRICAL ENGINEERING

Minghao Ai
Tianle Bu
Christopher Gill
Nicholas G. Guastella
Krnik Karnasuta
Ryan Kisselstein
Jemma Mallia
Liam Fuller Marcato
Zixun Nian Nian

Jayson V. Okhman
Julia Ellen Pepin
Francisco Rodriguez
Gilberto E. Ruiz
Gabriel E. Ruoff
Jenna Mei Stapleton
Joseph Carl Villani
Jared William Welch

ENVIRONMENTAL ENGINEERING

Lonnel Barnieh
Benjamin R. Cavarra
Veronica Henein
Audrey B. Liebhaber
S. Luna
Andrew Brennan O’Gorman

Yiming Song
Abigail Spiers
Nicholas Michael Troccoli
Jacob McCandall Tyler
Qiuyu Zhou

MECHANICAL ENGINEERING

Matthew John Aldinger
Shaquan J. Alleyne
Joshua Carl Arndt
Jeffrey Adrian Atancuri Guaman
Calvin S. Atieku
William Campbell Hoffman Atwood
Alexander D. Austin
Renee Allison Brogley
Arnaud Buard
Kellen Michael Coleman
Benjamin Michael Dukes
Luyen Duong
Griffin Thomas Estes
Derrick Edward Goll
Laura Pandora Graziosi
Emily Anne Green
Daniel Robert Greene
Timothy N. Ha
Jack T. Hassett
Melissa Jane Hiller
Elliott J. Holdosh
Yue Hu

Dong Myeong Kang
Kai Alejandro Kishimoto Ramirez
Justin Kohan
Trevor A. Kwiatek
Ryan A. Melick
Daniel Adam Montalvo
Connor R. Norton
Michael John Palmer
Emma Tiffany Platten
Ibrahim Mohammed Qaddourah
Aidan Riederich
Kaelyn R. Rooney
Jeffrey Ryu
Kevin J. Santos
Zachary Ryan Shuler
Eric Silfies
Nathaniel Paul Slabaugh
Robert Maxwell Sulik
Nathan Christopher Woodby
Lawrence Wang Xu
Ruohan Xu

SYSTEMS AND INFORMATION SCIENCE

Alec Logan Marcus
Nadia Shelburne

Honors

CUM LAUDE

Minghao Ai
Eric A. Benaroch
Kyle J. Betten
Brian Michael Bourne
Masson Bruening
Bryce Cable
Chih-Chia Chen
Ibrahima Diallo
Brendan Dwyer
Christopher Edmonds
Ryan Siebe Elsinga
Griffin Thomas Estes
Xuanjie Fan
Christopher Gill
Justin Gluska
Jacob D. Gomez
Daniel Robert Greene
Hannah Grossman
David Leo Hadley
Melissa Jane Hiller
Mehak Jetly
Frederick Jackson Jones
Alan Jos
Sayf Karim
Harrison Kayton

Kate Astrid Kemnitz
Olivia Lynne Kmito
Justin Kohan
Haben Legesse
Rick M. Li
Audrey B. Liebhaber
Haochen Lin
Jiaming Liu
Liam Fuller Marcato
Konnor Mascara
Jason W. McElhinney
Chenxi Mu
Siwei Peng
Kazi Golam Rafee
Keisha Zefanya Rorimpandey
Isabella M. Rosales
Jonathan Lee Schwenk
Erin Meagan Splaine
Kevin Sullivan
Dylan A. Teare
Jacob M. Tyler
Sasha Valitutti
Jack Willis
Zhuoyi Xiong
Rixiang Zhang

Summa Cum Laude (3.8 GPA or higher), Magna Cum Laude (3.6 GPA or higher), and Cum Laude (3.4 GPA or higher) distinctions in this list are projections based on the student's cumulative GPA at the end of the Fall 2022 semester. This list is subject to change pending the completion of all required coursework and final cumulative GPA.

MAGNA CUM LAUDE

Chikeluba K. Anierobi
Zeynep Sue Cakmak
Season Chowdhury
Ryan Matthew Czirr
Elizabeth A. Fatade
Kassidy Elizabeth Fields
Zain Ghanim
Avery Gunderson
Aidan Hoff
Xuanye Huang
Matthew B. Leight
Sara Anne Leonardo
Jiaxiong Li
Andy Li
Emilija Alise Lizins
Jacob Eric Long
Yiheng Lu
Powers Craig Lynch
Noah Mechnig-Giordano
Ryan A. Melick
Isabel M. Melo

Zixun Nian Nian
Jose Luiz Olivera
Megan Isabel Perlman
Lillian Kilmer Rhuda
Samuel M. Rosenthal
Gilberto E. Ruiz
Gabriel E. Ruoff
Huahao Shang
Zachary Ryan Shuler
Katherine Anne Southard
Jenna Mei Stapleton
Justin N. Stock
Yiyuan Sun
Lauren Margaret Woodford
Rui Xie
Renjie Xu
Melissa Yeung
Mochen Zhou
Qiuyu Zhou
Samantha Yvonne Zysk

Honors, continued

SUMMA CUM LAUDE

| | |
|--------------------------------------|--------------------------|
| Joshua Carl Arndt | Kyle David Maiorana |
| Joshua Jordan Boucher | Jemma Mallia |
| Tianle Bu | Ryan M. May |
| Arnaud Buard | Aelish McGivney |
| Benjamin R. Cavarra | Evan Gregory Moore |
| Matthew John Cufari | Hannah V. Murphy |
| Dennis Dao | Jayson V. Okhman |
| Rudolph DelFavero | Julia Pepin |
| Aymeric Pierre Alexis Robert Destree | Madeline Phelan |
| Luyen Duong | Kaylin Janet Richards |
| Christian Scott Fitzgerald | Aidan Riederich |
| Brent Tadao Gosselin | Jacob Matthew Shellhamer |
| Grace N. Haas | Eric Silfies |
| Lauren Elizabeth Hamilton | Nathaniel Paul Slabaugh |
| Aiden A. Jacobs | Zachary Michael Stahl |
| Chengyi Jiang | Jason Tan |
| Madeline Jones | Anthony Robert Tricarico |
| Gabriel Khan | Jared William Welch |
| Adam J. Klinger | Nathaniel Wellington |
| Polina Kozyreva | Yujie Xu |
| Adam Paul Landry | Paige H. Yamane |
| Alejandra Eugenia Lopez | Jishuo Yang |
| Runzhi Ma | Mingyan Zhang |

Scholars Awards & Prizes

SYRACUSE UNIVERSITY SCHOLAR

The highest undergraduate honor awarded by Syracuse University.

Grace N. Haas
Adam Klinger

REMEMBRANCE SCHOLARS

Awarded by Syracuse University to honor the SU students lost in the bombing of Pam Am Flight 103.

Adam P. Landry
Jared W. Welch

ALL-UNIVERSITY DOCTORAL PRIZES

Awarded by the Graduate School to recognize superior achievement in completed dissertations.

| | |
|---------------|--------------|
| Henry Beaman | Anand Vakil |
| Mangqing Guo | Chenyan Wang |
| Durgesh Rajan | Xinyi Zhou |
| Sweta Roy | |

GRADUATE SCHOOL MASTER OF SCIENCE PRIZE

Awarded by the Graduate School to recognize outstanding achievement among recipients of M.S. degrees.

Britnie Carpentier

RENÉE CROWN UNIVERSITY HONORS

For seniors who have completed a multi-semester senior Capstone Project and have demonstrated an excellent command of language and commitment to global awareness, civic engagement, collaborative work, and academic breadth and depth.

| | |
|---------------------|------------------|
| Grace E. Al-Sheikh | Gabriel Khan |
| Benjamin R. Cavarra | Kyle D. Maiorana |
| Brendan S. Dwyer | Kazi Golam Rafee |
| Aidan Hoff | Gabriel E. Ruoff |
| Madeline Jones | |

U.S. ARMED FORCES COMMISSIONS

The College of Engineering and Computer Science has a long tradition of helping to prepare leaders for our nation's armed services. These members of the Class of 2023 will be commissioned on Friday, May 12.

| | |
|----------------------------|-------------------------|
| Masson Bruening, Air Force | Michael J. Palmer, Army |
| Myat Min Khant, Air Force | Ethan R. Schulz, Army |
| Adam P. Landry, Air Force | |

Awards & Prizes, continued

THE OUTSTANDING TEACHING ASSISTANT AWARD

The Outstanding Teaching Assistant Award recognizes Teaching Assistants who have made distinguished contributions to Syracuse University by demonstrating excellence in significant instructional capacities, such as classroom teaching, laboratory or studio instruction, leading recitation or discussion sections, or assisting senior faculty members with high-enrollment courses. Teaching Assistants are nominated by their departments and must present a teaching portfolio for review. The following Class of 2022 graduates were awarded the OTA during their time at SU.

Cole Wilhelm
Faris Amer

University College Awards

UNIVERSITY COLLEGE OUTSTANDING UNDERGRADUATE AWARD

For outstanding part-time students earning an undergraduate degree with distinction.

Trevor A. Kwiatek

College-Wide Awards and Prizes

COLLEGE MARSHALS

Two seniors who will lead the academic procession of graduates at Commencement, selected for academic achievements, scholarly activities, service to others, extracurricular activities, and collegiality.

Justin Gluska
Madeline Jones

GEORGE M. BERRY AWARD FOR BEST ALL-AROUND SENIOR

For excellence in academics, with distinguished contributions through leadership, service, and extracurricular activities.

Jared W. Welch

GEORGE M. BERRY AWARD FOR OUTSTANDING DESIGN ACHIEVEMENT

For a senior who has demonstrated outstanding creativity and tenacity in developing an original design solution to a technical problem.

Anthony R. Tricarico

THE YUEH-YING HU MEMORIAL AWARD

For a senior woman who best exemplifies the spirit, determination, and academic excellence demonstrated by Ms. Yueh-Ying Hu.

Grace N. Haas

THE EARL H. DEVOE PRIZE FOR OUTSTANDING UNDERGRADUATE RESEARCH

For an undergraduate student who has made a significant scholarly research contribution.

Zeynep S. Cakmak

THE COLLEGE OF ENGINEERING AND COMPUTER SCIENCE ALUMNI ASSOCIATION SERVICE AWARD

For a senior who has performed extraordinary service on behalf of the College community.

Jemma Mallia

ANDREA L. RUBIN MEMORIAL AWARD

For a senior completing the requirements of the College of Engineering and Computer Science Cooperative Education Program.

Elliott J. Holdosh

THE LOUIS N. DEMARTINI AWARD IN OUTSTANDING RESEARCH

Presented to an ECS student who has completed an outstanding design project.

Eric Silfies

BIOINSPIRED UNDERGRADUATE RESEARCH AWARD

The BioInspired Undergraduate Research Award highlights outstanding effort and dedication in conducting research in areas related to the themes of the BioInspired Institute at the intersection of materials and living systems.

Avery Gunderson

Jakub A. Kochanowski

THE RICHARD A. BERNARD AWARD

Endowed by Jean I. Bernard in memory of her husband, for a senior who has shown awareness to the needs of physically-challenged individuals and the creative application of engineering approaches to those functional and practical needs.

Elliott Holdosh

AEROSPACE ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN AEROSPACE ENGINEERING

Endowed by I.A. Hotze, BEE '43, for a senior who has demonstrated the highest level of academic excellence throughout his or her SU career.

Christian S. Fitzgerald
Anthony R. Tricarico

THE RICHARD HEIMBURG ACHIEVEMENT AWARD IN AEROSPACE ENGINEERING

In honor of our courageous friend and colleague, Dr. Richard Heimburg, for a senior who has made the most significant creative achievement while maintaining a high level of academic performance.

Zachary M. Stahl

BIOENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Bioengineering.

Tackla Winston

KAREN M. HIIEMAE OUTSTANDING ACHIEVEMENT AWARD IN BIOENGINEERING

Established in memory of Dr. Karen M. Hiiemae, beloved professor, mentor, and pioneer in science and research, for a senior who has combined outstanding academic achievement in bioengineering with the strength and spirit Dr. Hiiemae exhibited throughout her life.

Gabriel Khan

BIOENGINEERING FOUNDERS AWARD

Awarded in honor of Drs. Joseph Zwislocki and Earl Kletsky, initiators and nurturers of the bioengineering program, to a senior who has demonstrated outstanding and wide-ranging skills.

Grace N. Haas

OREN NAGASAKO AWARD

For Bioengineering majors who demonstrate outstanding dedication and hard work acting as a preceptor to fellow students.

Megan I. Perlman

CHEMICAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Chemical Engineering.

Robson Luis Schuarca

OUTSTANDING ACHIEVEMENT AWARD IN CHEMICAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for the senior with the most distinguished academic record.

Adam J. Klinger

THE ALLEN J. BARDUHN AWARD

For a senior who combines academic excellence with a commitment to service in the chemical engineering profession.

Jacob M. Shellhamer

CIVIL AND ENVIRONMENTAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate students in Civil and Environmental Engineering.

Joseph Wasswa

OUTSTANDING ACHIEVEMENT AWARD IN ENVIRONMENTAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for a senior in environmental engineering with outstanding credentials, who has demonstrated leadership in extracurricular activities.

Benjamin R. Cavarra

K.L. LUI MEMORIAL AWARD

Awarded in memory of Kui Leung Lui for his inspiration to many through his belief in family values, lifelong learning and self-improvement, for a senior who has exemplified hard work, honesty, selflessness and generosity.

Aymeric Pierre Alexis Robert Destrée

THE JOHN BURCH MCMORRAN '22 AWARD

For a civil engineering senior, based on academic performance and extracurricular activities.

Adam P. Landry

Awards & Prizes, continued

CIVIL AND ENVIRONMENTAL ENGINEERING FACULTY AWARD

This award is presented annually to a senior who combines academic excellence with a commitment to service in the Department of Civil and Environmental Engineering.

Kate A. Kemnitz

Paige H. Yamane

THE JAMES A. MANDEL PRIZE FOR ACHIEVEMENT IN CIVIL AND ENVIRONMENTAL ENGINEERING

For achievement in Civil and Environmental Engineering. In honor of Professor Emeritus James A. Mandel for a senior active in the National Society of Black Engineers.

Haben Legesse

COMPUTER AND INFORMATION SCIENCE

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Computer Science.

Sai Saran Macha

OUTSTANDING ACHIEVEMENT AWARD IN COMPUTER & INFORMATION SCIENCE

Endowed by I.A. Hotze, BEE '43, for a senior in computer and information science who has demonstrated excellence in coursework, project design and implementation, or research.

Matthew J. Cufari

THE WARREN SEMON PRIZE

In honor of Dr. Warren Semon, first dean of the School of Computer and Information Science, for a senior who has established an exceptional scholastic record.

Ryan M. May

COMPUTER ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Computer Engineering.

Sihao Ren

OUTSTANDING ACHIEVEMENT AWARD IN COMPUTER ENGINEERING

Endowed by I.A. Hotze, BEE '43, for the computer engineering senior with the most distinguished academic record.

Kyle D. Maiorana

THE IEEE COMPUTER ENGINEERING AWARD

For a computer engineering senior who has demonstrated excellence in service, leadership, and scholarship.

Mehak Jetly

CYBERSECURITY

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Cyber Security.

Kyungrok Won

ELECTRICAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Electrical Engineering.

Nicholas S. Connolly

OUTSTANDING ACHIEVEMENT AWARD IN ELECTRICAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for the electrical engineering senior with the most distinguished academic record.

Jared W. Welch

THE IEEE ELECTRICAL ENGINEERING AWARD

For an electrical engineering senior who has demonstrated excellence in service, leadership, and scholarship.

Jemma Mallia

IEEE POWER AND ENERGY SOCIETY SCHOLARSHIP

IEEE Power and Energy Society Scholarship program includes a financial stipend along with complimentary one-year membership in IEEE and in the Power & Energy Society. The committee recognized Mallia for obtaining the knowledge and skills necessary to make an impact across the power and energy industry.

Jemma Mallia

ENGINEERING MANAGEMENT

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Engineering Management.

Ethan Tracey

MECHANICAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Mechanical and Aerospace Engineering.

Camila Alexandra Humala Noriega

JAY WYNER AWARD FOR EXCELLENCE IN MECHANICAL ENGINEERING

Established for Jay S. Wyner who studied engineering at SU through the G.I. Bill, for a senior who has demonstrated exceptional academic excellence.

Luyen Duong

OUTSTANDING ACHIEVEMENT AWARD IN MECHANICAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for a mechanical engineering senior who has demonstrated a high level of excellence throughout his or her SU career.

Joshua C. Arndt

THE BERNARD WOOD ACHIEVEMENT AWARD IN MECHANICAL ENGINEERING

In honor of Dr. Bernard Wood, scholar, teacher and gentleman, for a senior who has made the most significant creative achievement while maintaining a high level of academic performance.

Arnaud Buard

Diversity, Inclusivity and Equity Pledge

*A convocation tradition initiated by Emily Mahana and Charles Keppler,
College Marshals, Class of 2018*

As an Alum of Syracuse University, I pledge:

- To practice inclusivity, equality, and respect with all.
- To embrace the differences and recognize the similarities of each person.
- To always listen with respect and patience, and engage in meaningful conversation.

As an Alum of the College of Engineering and Computer Science, I pledge:

- To carry out the responsibilities of an engineer dutifully and ethically.
- To foster a culture within my field that values diversity, inclusion, and equity.
- To engage in thoughtful and effective engineering as a global citizen.

I will honor these commitments in all aspects of my life. I pledge to value everyone and make them feel included within our global community.

2023 CONVOCATION

Distinguished Guest Speaker Patrick Murphy (U '88)

*Founder/Chief Executive Officer
Celersys Technologies, LLC*

Patrick is the Founder and CEO of Celersys Technologies, an aerospace technology consultancy delivering technology solutions and services to commercial clients, the Department of Defense and civilian agencies. Prior to Celersys Technologies, Patrick was the President and Chief Executive Officer for Axient LLC, a high-end aerospace engineering firm with \$550M in revenue and over 2,000 employees. Prior to that position, Patrick served as Millennium Engineering and Integration's Chief Executive Officer and led the company through multiple years of substantial growth culminating in a strategic sale of the company in 2021 to help form Axient. In 2014, he was awarded the Greater Washington GovCon Award for Executive of the Year for his leadership in industry-leading growth and corporate transformation. Patrick served as the Chief Operating Officer, Vice President for Corporate Operations and Analysis, Vice President for Space Systems, and Director for Engineering at Millennium spanning over 20 years and helping grow that business from 10 to 900 employees. He served as the Chief Engineer for the Missile Defense Agency's Advanced Technology Program Executive Office portfolio providing technical leadership for all new missile defense technologies and concepts. He holds a Bachelor of Science in Aerospace Engineering from Syracuse University and a Master of Business Administration from The George Washington University.

Patrick is a native upstate New Yorker and currently resides in Arlington, VA with his wife, Linda, and dog, Maisie. He bleeds Orange with two of his children graduating from Syracuse University and currently serves on the College of Engineering and Computer Science Dean's Leadership Council and the Mechanical and Aerospace Engineering Department's Advisory Board. He is life-long learner and self-proclaimed geek with hobbies in pinball machine restoration, micro-processor programming, electrical device development, golfing and boating.

Alma Mater

WHERE THE VALE OF ONONDAGA
MEETS THE EASTERN SKY
PROUDLY STANDS OUR ALMA MATER
ON HER HILLTOP HIGH.
FLAG WE LOVE! ORANGE! FLOAT FOR AYE,
OLD SYRACUSE, O'ER THEE.
LOYAL BE THY SONS AND DAUGHTERS
TO THY MEMORY.

—Junius W. Stevens, Class of 1895

