SCHOOL OF ENGINEERING AND APPLIED SCIENCE
2023 GRADUATION CEREMONY

Ceremony Opening

MUSICAL PRELUDE .......................................................... Corcoran Brass

The Academic Procession

THE NATIONAL ANTHEM ................................................ Michael J. O’Keefe, B.S., Systems Engineering

ANNOUNCEMENT OF THE COMMENCEMENT .......................... Jonathan P. Deason, School Marshal

WELCOMING REMARKS .................................................. Mark S. Wrighton, University President

DEAN’S GRADUATION ADDRESS ........................................ Dean John Lach

Student Speaker Remarks ............................................ Michael P. Ryan, B.S., Biomedical Engineering

Guest Speaker .................................................................. Thomas P. Bostick, Ph.D. ’16

Recognition of Graduates ............................................. Dean John Lach and Department Chairs

BIOMEDICAL ENGINEERING ........................................ Dr. Murray H. Loew

CIVIL AND ENVIRONMENTAL ENGINEERING ................... Dr. Majid T. Manzari

COMPUTER SCIENCE .................................................... Dr. Timothy W. Wood

ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING Dr. Zoe Szajnfarber

ELECTRICAL AND COMPUTER ENGINEERING ................ Dr. Tarek A. El-Ghazawi

MECHANICAL AND AEROSPACE ENGINEERING .............. Dr. Michael W. Plesniak

SEAS ONLINE PROGRAMS ............................................ Dr. Shahram Sarkani, Director

Ceremony Closing

RECESSIONAL .......................................................... Corcoran Brass

Please remain standing as the academic procession leaves the auditorium.
Dear Graduate:

On behalf of the faculty and staff of The George Washington University’s School of Engineering and Applied Science, I congratulate you on your well-earned academic achievement.

I hope you are as proud of your accomplishment as we—your professors, advisors, and mentors—are. We have watched you learn, grow, broaden your perspectives, and deepen your understanding of engineering and computer science and of the critical roles they play in our increasingly technology-driven world. It took hard work and perseverance for you to be here today, and I hope you look back on your time at GW Engineering with fondness and appreciation.

As you look forward to your next challenge, I hope you carry with you what you have learned during your time here. First and foremost, you have studied your discipline in technical depth and acquired an understanding of the ethical practice and societal context of engineering and computer science. You have learned to think creatively about complex topics and to work collaboratively with people across disciplines and from various backgrounds. Your experiences inside and outside the classroom have prepared you to become a valuable member—and leader—of diverse teams solving society’s grand challenges.

But the preparation you have acquired here is just the beginning.

I challenge you to go forth from today as a life-long learner, constantly collecting new knowledge, skills, and perspectives to better serve humankind in our ever-changing world. The recent pandemic has reminded us of the importance of adaptability and resilience and of the need to be proactive in preparing for any challenges that may come our way. As engineers and computer scientists, you have special capabilities and responsibilities, and your commitment to continued growth and adaptability will help you make the world a better and more resilient and equitable place for all.

Whether you are now going on to your first full-time job, continuing your career, heading to graduate or professional school, or otherwise following your life path, please stay in touch with us and with your fellow alumni. Remember that the GW Engineering community extends far beyond campus and will always welcome you. With a worldwide network of alumni and friends, you will find opportunities to connect with, support, and be supported by fellow GW graduates wherever you venture. And individually and together, you will Raise High!

I wish you all the best,

John Lach
Dean, School of Engineering and Applied Science
Thomas P. Bostick, Ph.D. ’16

Lieutenant General (Ret) Thomas P. Bostick is an accomplished Senior Executive with over 30 years of experience in the public and private sectors. He is a graduate of the U.S. Military Academy at West Point and holds Master of Science Degrees in both Civil and Mechanical Engineering from Stanford University, an Executive MBA from Oxford University and a Ph.D. in Systems Engineering from the George Washington University. Bostick is a licensed professional engineer, a Forbes Contributor, an Affiliated Scholar at Stanford University, and a mentor of Clark Scholars at the George Washington University.

Bostick also serves as a senior advisor for several companies on biotechnology, engineering, sustainability, and human resources. He currently serves on the public boards of CSX (NASDAQ: CSX), a rail transportation company, and Perma-Fix (NASDAQ: PESI), a nuclear waste treatment company. He also serves on the private boards of HireVue, an online video interviewing service for employers; Allonnia, a company that leverages biotechnology and engineering to solve waste challenges in nature; and Fidelity Investments Equity and High-Income Fund Board of Trustees, an investment management company. Bostick previously served as Chief Operating Officer and President of Intrexon Bioengineering (NASDAQ: XON), focusing on global challenges such as food, agriculture, the environment, and energy.

He was the head of U.S. Army Recruiting and later U.S. Army Personnel where he was responsible for over one million soldiers and three hundred thousand civilians. Bostick served on the comprehensive review committee that recommended repealing the law known as, “Don't Ask, Don't Tell,” which allowed gay and lesbian individuals to serve openly in the military. He has also spearheaded the effort to improve opportunities for women, minorities, and religious accommodations in the military. Bostick has deployed to Bosnia, Afghanistan, and Iraq, where he was responsible for over $18 billion in construction. Bostick culminated his 38-year military career as the 53rd Chief of Engineers and Commanding General of the U.S. Army Corps of Engineers, the largest public engineering organization in the world. He serves on the non-profit boards of American Corporate Partners and Resilient Cities Catalyst.

Bostick also served as an Associate Professor of Mechanical Engineering at West Point and a White House Fellow, where he was a special assistant to the first Secretary of Veterans Affairs, the Honorable Ed Derwinski. As a member of the National Academy of Engineering, Bostick serves on several National Academy of Sciences committees focused on the environment and climate change. He was selected by U.S. Senator Jack Reed, Chairman of the Senate Armed Services Committee, to serve as a member of the Naming Commission tasked with renaming Confederate-named military bases and property. He recently published his first book, Winning After Losing: Building Resilient Teams.
STUDENT AWARDS

The Abdelfattah Abdalla Prize ................................................................. S. Nashwa Farrukh Khan
SEAS Dean’s Alumni Prize ................................................................. Elizabeth R. Ottinger
The Norman B. Ames Award ............................................................... Sarah M. Antonevich
                                       Makeda Melkie
                                       Annalisa G. Skinner
The Gary and Judy Bard Entrepreneurial Engineering Endowment Award ........................................... Connor J. Burnett
                                       Noah M. Chinitz
                                       Aaron M. Hill
                                       Jett S. Jacobs
The William and Louise Corcoran Service Award ............................................................ Sean W. Letavish
                                       Shiju Varghese
The Benjamin C. Cruickshanks Award

BIOMEDICAL ENGINEERING ............................................................ S. Nashwa Farrukh Khan
CIVIL ENGINEERING ........................................................................ Kathryn E. Burkey
COMPUTER SCIENCE, B.S. .............................................................. Jonathan Lee
ELECTRICAL ENGINEERING .......................................................... Ayebanatei J. Ikoli
MECHANICAL ENGINEERING ......................................................... Gavin Li Ang Hearne
SYSTEMS ENGINEERING .................................................................. Julia C. Arnsberger

The Distinguished Scholar .................................................................. Jonathan Lee
The George Ellowitz Prize ................................................................... Alexis Carmine and Ashley Kraekel
The Alfred Martin Freudenthal Prize .................................................... Jonathan Lee
The Shelly and Steve Heller Award ........................................................ Chloe Truong
The Philip Kaplan Award .................................................................... Ayebanatei J. Ikoli
The Martin Mahler Prize .................................................................... Kathryn E. Burkey
The Neilom Prize for Social Impact ....................................................... Matthew J. Beck
                                       Matteo Sanchez-Dahl
The Pelton Award for Outstanding Senior Project

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Saron F. Gberhiwot
Cameron H. P. Johnson
Kevin N. Kharkov
Victoria M. Ravel
Matteo Sanchez-Dahl

The Susan Shin Memorial Award

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Rebecca Turley

The SEAS Senior Design Award

DEPARTMENT OF BIOMEDICAL ENGINEERING

............................................................................................................

Aleena S. Ali
Rian C. Bogle
Benjamin Keaton
Alejandro Nevarez
Michael P. Ryan
Julia F. Stern

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING

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Maura Kane-Seitz
Kathryn E. McAnuff
Honor O’Malley
Neha Ramanna

DEPARTMENT OF COMPUTER SCIENCE (ARNOLD C. MELTZER AWARD)

............................................................................................................

Ryan Hudson
Jonathan Lee
Austin J. B. Theriault

DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING
(DERRILL ROHLFS AWARD)

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Thiare G. Cordova
Bakary Coulibaly
Amanda K. Long
Travis R. Root

DEPARTMENT OF ENGINEERING MANAGEMENT & SYSTEMS ENGINEERING

............................................................................................................

Julia C. Arnsberger
Amelia J. Jacquat
Michael J. O’Keefe

DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING

............................................................................................................

Yasser M. Althuwaini
Amy Chang
Sana Noor
Phoenix Price
Lashay A. Renaud
Mia A. Strickland

The Tau Beta Pi Outstanding Sophomore Award

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Ozzy Simpson
Anthony Yalong
STUDENT AWARDS

The Abdelfattah Abdalla Prize
Established as a memorial by the many friends and colleagues of Professor Abdalla. For scholarship and service by a biomedical engineering, electrical engineering, or computer science junior or senior for service to Eta Kappa Nu, IEEE, Tau Beta Pi, or the department.

The SEAS Dean’s Alumni Prize
For a student demonstrating outstanding service, commitment, and scholarship in the School of Engineering and Applied Science.

The Norman B. Ames Award
Established by friends of Professor Ames in memory of Carolyn E. Schmidt (a relative) who died July 20, 1978. Awarded to a senior for significant contributions to the students, the School of Engineering and Applied Science, and the George Washington University.

The Gary and Judy Bard Entrepreneurial Engineering Endowment Award
Recognizes the ability and initiative of a young entrepreneur in the E-commerce curriculum in the computer science department, and serves as an incubation model for electronic business. Established in 2003.

The William and Louise Corcoran Service Award
Established to commemorate the founders of the School of Engineering and Applied Science, this award is given to faculty, staff, and students who have contributed to the intellectual and social life of the School.

The Benjamin C. Cruickshanks Award
Established in 1991 by the Engineer Alumni Association as a memorial to Professor Cruickshanks, who was associated with GW for more than 40 years as a teacher, writer, coach of the GW Baseball team, and a strong supporter of student activities. Awarded to a graduating senior with the highest academic standing in each undergraduate major.

The Distinguished Scholar
For academic achievement and distinctive school contributions by a senior.

The George Ellowitz Prize
Established by Robert L. Morris in honor of George Ellowitz. Awarded to a junior or graduating senior for demonstrated excellence and interest in the humanities or social sciences.

The Alfred Martin Freudenthal Prize
Established as a memorial to Professor Freudenthal by his wife, friends, students, and colleagues for his outstanding contributions to engineering education. Awarded to the graduating senior with the highest grade point average from the previous semester.

The Shelly and Steve Heller Award
Established in 1999 by Drs. Rachelle and Steve Heller. It is presented to the sophomore female with the highest grade point average and a computer science degree emphasis.

The Philip Kaplan Award
Established in memory of Philip Kaplan by his family. Awarded to the graduating senior majoring in electrical engineering with the highest grade point average.

The Martin Mahler Prize
Created in 1953 by a gift of Martin Mahler for an upper class or graduate student who submits the best reports on tests in the materials laboratories class, with preference given to prestressed concrete tests.

The Neilom Prize for Social Impact
Established in 2020 and named for the original benefactors. This award is given to a junior or senior with a clear and articulated interest in the application of engineering to a particular area of social change.

The Pelton Award for Outstanding Senior Project
Named in honor of the Pelton family and Dr. Joseph N. Pelton, former professor at the School of Engineering and Applied Science. This annual competitive prize is for an outstanding senior design project with a focus on patentability and environmental impact.

The Susan Shin Memorial Award
Established in 2005 by friends of Susan Shin to honor her memory. This award is given to a junior who best exemplifies caring and service to fellow SEAS students.

The SEAS Senior Design Award
Awarded for superior achievement in engineering design in each undergraduate major.

The Tau Beta Pi Outstanding Sophomore Award
Awarded by the GW Chapter of Tau Beta Pi to the student who ranks first at the end of the sophomore year.
Degrees are conferred by the University upon those students in the following lists who have completed all degree requirements.

DEPARTMENT OF BIOMEDICAL ENGINEERING

BACHELOR OF SCIENCE | BIOMEDICAL ENGINEERING

Anthony T. Aduwari
Turki Abdullah H. Alanazi
Aleena Saadia Ali
Yahya Zakari Aliyu
Claire Marie Allison
Farris Kamil Alqalam
Sarah Michelle Antonevich
Grace Charlotte Bakalag
Rian Chase Bogle
Nnaemeka Malik Byrd
Alarin D. Carthan
Raymond Cordero, Jr.
Nicolas Nelson Daza
Orooluwa D. Emmanuel
Isabelle A. Eskay
Christopher J. Finkelstein
Aman Gill
Julia Grace Gundlach
Hassan Ahmed Issa
Cameron Hugh Powell Johnson
Benjamin Keaton
Sahibzadi Nashwa Farrukh Khan
Abigail A. Klink
Helen Sabrina Knight
Zachary R. Kunz
Meilian Kurlas
Madison Alexa Lashinsky
Ruby Margaret Barker Limanowski
Evan J. Lindeman
Daniel Liu Schmid
Arielle Fatima Maignan
Sarah Therese Matli
Nikhil E. Mattu
Makeda Melkie
James Nicholas Messina
Alejandro Nevarez
Wariinga Lucy Njoroge
Joshua Roger Powers

MASTER OF ENGINEERING | REGULATORY BIOMEDICAL ENGINEERING

Darius Kodjo

MASTER OF SCIENCE | BIOMEDICAL ENGINEERING

Christopher Q. Bach
Fiona Kathryn Berk
Krystian Burum
Tuan Anh Do
Sylvia Rosemary Fresco
Charlotte Gaynor
Nirajan Mahato
Sarah Malinowski
Sanjori Mukherjee
Khahn Quoc Nguyen
Jenna Ryan Pressman
Bianca E. Punger
Gabriela Ronning-Arnesen
Dipon Roy

Pranali P. Shirolkar
Ban Hatem Shoukeir
Bridget A. Thorpe
Steven R. Tom
Sophia Ann Watkinson
DOCTOR OF PHILOSOPHY | BIOMEDICAL ENGINEERING

Richard S. Downen  
Anna Gams  
Julie Leann Han  
Weizhen Li  
Zexu Lin  
Sofian Nabeel Obaid  
Jeannette Rodriguez Gonzalez

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

BACHELOR OF SCIENCE | CIVIL ENGINEERING

Danah Almekrad  
Waleed Khalid A Alzayer  
Kathryn E. Burkey  
Stephanie N. Carapia  
Yuval Coriat  
William Robert Denham  
Audra Dorothy Foster  
Maura Kane-Seitz  
Christopher Francis Lemkan  
Finn A. Lillis  
Mary Evalyn Maxwell  
Kathryn Ellen McAnuff  
Lillian A. Oathout  
Neha Ramanna  
Kevish Shah  
Oluwamayowasi G. Taiwo

MASTER OF SCIENCE | CIVIL AND ENVIRONMENTAL ENGINEERING

Rashed Salem Rashed Alrahma Aldarmaki  
Rashed Mohammed Rashed Mohammed Aldhaheri Obaid S. Alsuwaidi  
Mohammed W. Bin Jabr  
Li Chen  
Lauren Feeley  
Carmen Lagler  
Chenwei Liu  
Caroline Requa  
Alexander Elazar Seidel

DOCTOR OF PHILOSOPHY | CIVIL AND ENVIRONMENTAL ENGINEERING

Mahmudul Hasan  
Parisa Heidary  
Mengqiao Li  
Dong Pan

DEPARTMENT OF COMPUTER SCIENCE

BACHELOR OF ARTS | COMPUTER SCIENCE

Maximilian Edmund Aquino  
Opeyemi Babalola  
Oury Barry  
Janay S. Cosme  
Madelyne S. Cruz  
Christian Garcia  
Rachel Gonzalez Rodriguez  
Wanjiko Kahara  
Sammy Muhsen  
Saerom Oh  
Vinay Rajiv Patel  
Joshua Sanchez-Genao  
Anne Tyler Schoonmaker  
Sarah Salah Sheikhnureldin
BACHELOR OF SCIENCE | COMPUTER SCIENCE

Karim Tarik Haidar Alami
Abdullah Abdulmajeed Almaayouf
Luisa M. Ball Schnell
Zachary Harris Bloomstein
Connor Jeffrey Burnett
Matthew McDermith Chatelain
Noah M. Chinitz
Woo Sung Felix Chong
Alex Coleman
Marwa Daud
Rabaab Dhingra
Philip Allan Di Giorgio, Sr.
Jose D. Duran
Carl Christer Elgstroem
Max K. Englander
Samuel R. Fritz
Joshua Fernan Aguilar Grafil
Miles E. Grant
Lauren Jeehee Hahn
Abdullah Hassan
Victoria Rose Hennemann
Subin Heo
Aaron M. Hill
Ryan Hudson
Jett Sheridan Jacobs
Alexandra M. Kazaglis
Elena Mary Elizabeth Korkes
Aaron Kovacs
Jonathan Lee
Olivia M. Legault
Benjamin Patrick Marasco
Samantha Nicole McDonald
Aisha A. Mohammed
Dakharai Murray
Noah Pritchard
Ryan M. Rosica
Rubin Dev Roy
Jayith Nathan Samaraweera
James A. Scott
Julia Jean Showl
Evan P. Stella
Sarah Elizabeth Stevens
Cora Sula
Sudarshan Swamy
Huzeifa Telha
Austin James Bruce Theriault
Kyle Vitale

MASTER OF SCIENCE | COMPUTER SCIENCE

Sihan Adi
Hitesh Agarwal
Yusif Aghalarli
Sadig Akhund
Shaho Alaee
Srujana Alajangi
Azar Aliyev
Emin Alizada
Walaa Faris R Altowairqi
Abdulla Asgarzade
Alakbar Askarov
Ulvi A. Aslanli
Farida Bayramova
Rizzu Rohit Bhandari
Oliver D. Broadrick
Le Cai
Yuxiao Cai
Chun Ming Chau
Junhao Chen
Weihang Chen
Pushpak R. Chulet
Fadi Dagher
Pingcuo Danzeng
Asad Dashdamirli
Purav Dinesh Kumar Parekh
Michael T. Ehnot
Ian Robert Ferri
Chengshu Gao
Yuan Gao
Puneeth Geddalahalli Hanumantharaya
Samyuktha Giridhar
Jainee Harikrishna Gohil
Mahesh Kumar Gudumala
Zyuan Guo
Yichen Hao
Raymond Hear
Lalthanmawia Henkai
Emil Imanov
Murad Jafarov
Yichen Jiang
Yixiao Jiang
Hanming Jing
Reyhana Karimli
Rishabh Khanna
Ada B. Kilic
Kalyan Kollepara
Maxime Kotur
Shudong Lai
Joyce Y. Lee
Kejing Li
Qiyuan Li
Zihao Li
Zongyao Li
DEGREE CANDIDATES

Yiming Liang  Xukui Qin  Chih-Chen Wu
Bo Liu  Chuhui Qiu  Tianheng Wu
Chang Liu  Ashwin Ram Singh Kishore  Hao Xu
Hao Liu  Rihan Krithik Ramesh  Zhihao Xu
Hongqi Liu  Humaira Riaz  Changjia Yang
Simin Liu  Jesse E. Robles  Congshan Yang
Wen Liu  Lala Shahbandayeva  Junhao Yang
Youwen Liu  Darika Shaibekova  Ruining Yang
Yingning Ma  Jingzhou Shen  Oguzhan Yangoz
Aditya Maini  Tiancheng Shuai  Arash Yazdidoost
Prashanth Kumar Manji  Nihad Shukur  Chengzheng Ye
Grady Louis McPeak  Jonathan William Spungen  Zhuobin Yuan
Catherine Louise Meadows  Matthew S. Stoffen  Le Zhang
Rui Miao  Sudeep Subedi  Renhou Zhang
Jishan Min  Dylan Suga  Ruojia Zhang
Ilham Mirzayev  Rustam Talibzade  Yuan Zhang
Eric C. Moy  Marshall D. Thompson  Qiaodan Zhao
Hasan Naghiyev  Turgay Umudzade  Zhenhao Zhao
Shyam M. Natarajan  Sitong Wan  Huaixiao Zheng
Connor D. Norton  Christopher Wang  Yi Zheng
Sam R. Odle  Wanting Wang  Jie Zhu
Charles D. Peeke  Xi Wang  Guanyu Zuo
Jiahao Peng  Ye Wang
Chaozhu Qiang  Zhongyu Wang

MASTER OF SCIENCE | CYBERSECURITY IN COMPUTER SCIENCE

Mushary Alghamdi  Alyssa N. Ilaria  Nicholas George Reveliotis
Raniyah Mutlaq E. Almalki  Shivani Joshi  Mohammed Saqib Saifee
Alaa Abdullah M. Alnitaifi  Sultan Uthman A. Joury  Rahul Sangewar
Rana Mastour D. Alsaadi  Sooyoung Kim  Arman S. Shah
Calese R. Balut  Monica Kodwani  Pratyush Sinha
Bibiana Boehm  Oluwademi Adeogbadun  Daniel Song
Jonathan D. Buckland  Joseph Ogren  Elizabeth Stanley
Christian A. Garcia Guardado  Matthew Posa  Dan Ngoc Linh Vo
Olayinka Samuel Gbolahan  Brian D. Prisbe  Bailu Zhao
Sai Akhil Gogineni  Yannick Arjun Rajesh K
DOCTOR OF PHILOSOPHY | COMPUTER SCIENCE

David Gordon Balash
Wei Guo
Pedram Hosseini
Zhen Ni
Qiyue Wang

DEPARTMENT OF COMPUTER SCIENCE & DEPARTMENT OF ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING

MASTER OF SCIENCE | DATA ANALYTICS

Kyle A. Arbide
Katherine Asianah
Anulekha Bhaskar Boddu
Asare Buahin
Chi Yun Chen
Matthew J. Dionne
Jaya Madhavi S. Evana
Paolo Gimeno
Sean Kim
Isha Negi
Raffa Hassan Bashir Nimir
Michael J. Salceda
Sanskriti Shivhare
Ran Wei
Qingyuan Xie
Bite Xiong
Rui Zhang
Qing Zhu

DEPARTMENT OF ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING

BACHELOR OF ARTS | APPLIED SCIENCE AND TECHNOLOGY

Zuxuan Chen

BACHELOR OF SCIENCE | SYSTEMS ENGINEERING

Latifa Al Jlayel
Omar Alkhadra
Diego A. Alonso
Julia C. Arnsberger
Marvin Castillo
Ryan M. Cedeno
Isabelle Rose Doran
Ivanna Maureen Hidalgo Camacho
Yilin Huang
Amelia J. Jacquat
Aniruddh V. Kumar
Sebastian Makrides
Cooper A. May
Kyara Santos McDowell
Alejandro F. Medina Mora
Lauren Elizabeth Monk
Michael John O’Keefe
Abdallah Khaled Omari
Elizabeth Rea Ottinger
Kaveena Patel
Karim H. Rizk
David I. Rosenberg
Majd Shatara
Katie Shen
Kareemot Bolanle Siyanbola
Natasha Stallings
Islay R. Van Dusen

MASTER OF SCIENCE | ENGINEERING MANAGEMENT

Priyanka Popat Desai
Beth Deborah Ellinport
Ariana Kaitlyn Fazal
Nicolas Gantiva Hinetrosa
Vikram R. Gill
Kathryn Gilligan
Sravya Jahagirdar
Aniruddha Jain
Sara Esther Jimenez Alfonso
Cody L. Johnson
Maximilian Aleksandr Kostyashkin
Vibhav Lekhi
Prathyaj B. Mantha
Margaret Angela Norton
Hanna-Grace Rabanes
Bassant Mohab Sabry
Ruchi Saraf
Vysaaly Sivakumaar
DEGREE CANDIDATES

MASTER OF SCIENCE | SYSTEMS ENGINEERING
Lane K. Faulkner  Ava Gholipour  Spencer E. Ross

DOCTOR OF PHILOSOPHY | ENGINEERING MANAGEMENT
Iryna Payosova

DOCTOR OF PHILOSOPHY | SYSTEMS ENGINEERING
Lewis N. Boss  Donald D. Koban
Anthony Ian Hennig  Megan Peters

DOCTOR OF SCIENCE | ENGINEERING MANAGEMENT
Philip Sisson

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

BACHELOR OF SCIENCE | COMPUTER ENGINEERING
Thiare Gianara Cordova  Sehej Kaur Grewal  Kevin N. Kharkov
Bakary Coulibaly  Davud Kazdal  Cooter McGrew

BACHELOR OF SCIENCE | ELECTRICAL ENGINEERING
Rakan S. Alkhaledi  Maria DePasquale  Randa Firas Labib Matloob
Mohammad N M A M S Almajed  Derek S. Gabriel, Jr.  David Thanh Nguyen
Matthew J. Beck  Saron F. Gberhiwot  Travis Ryan Root
Kody G. Borden  Ayebanatei Jessica Ikoli
Roman D. D’Argenio  Hanan Mohammedawel Kadir

MASTER OF SCIENCE | COMPUTER ENGINEERING
Wejdan Altowairqi  Jasmine Pillarisetti
Qian Cai  Chengci Qu

MASTER OF SCIENCE | ELECTRICAL ENGINEERING
Aniqa Abid  Sean William Letavish  Zichen Wang
Yaswanth Alam  Behrouz Movahhed Nouri  Yitao Wei
Yonatan M. Beyene  Brandon Charles O'Dell  Sichen Xin
Blake C. Cellum  Nathan J. Pen  Tieshan Zhang
Zhang Chen  Xi Wang  Zubin Zhang
Henan Chi  Yimin Wang
Koffi Eric Eguida  Yuhang Wang
DOCTOR OF PHILOSOPHY | COMPUTER ENGINEERING

Bibek Bhattarai Yang Hu Yuan Li

DOCTOR OF PHILOSOPHY | ELECTRICAL ENGINEERING

Jonathan George Xiaoxuan Ma Mostafa Nazemi

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

BACHELOR OF SCIENCE | MECHANICAL ENGINEERING

Ahmed Ibrahim D. Alfaadel Omar K. Hassan Reuben V. O’Neill
Mahdi Ahmed al-Saady Gavin Li Ang Hearne Micaela Paul
Yasser Mohammed I. Althuwaini Logan M. Johnson Adam Edward Flynn Poche
Shatha Saleh R. Alzahrani Thara Kalvala Lashay Aigya Renaud
Matthieu Thanh Hai Andre Nicholas Jan Karlsson Zoe J. Robertson
Joanna Gabriela Ayala-Flores Sreen Mohammad Khalil Nii Adotey Sackar
Jack E. Brown Dong Hyun Kim Oscar Toran Southwell
Amy Chang Amanda K. Long Edmond Joseph Stevens
Liam Manuel Colvin Jacob Arthur Miller Mia A. Strickland
Geronimo P. Cribbin-Welsh Juan Moscoso Hadi Sultan
Joshua Paul Davis Josh A. Munoz Gaolin Wu
Benjamin Thomas Elwell Sana Noor Anton Yanovich
Jonah Joseph Goldman Joshua Mokua Nyaringo
Logan P. Green Leticia Akemi Oiwa

MASTER OF SCIENCE | MECHANICAL AND AEROSPACE ENGINEERING

Sultan Salah Alsalimi Brendan Tanchoco McCormack Tianchen Wang
Shruty Balaji Hoang Duc Khang Nguyen Ahmed Rafat Weshahy
Han Chen James Andrew Nicholas Anpei Xiang
Xiaoyang Chen Alexis Xavier Renderos Feiyi Xu
Jonathan Kenneth Garcia Krupal Sharma Adam Yassine
Yuxiong Lin Yanlong Sun Dana Mohammad Zaher
Kai Ma Chunbo Wang Kaige Zou

DOCTOR OF PHILOSOPHY | MECHANICAL AND AEROSPACE ENGINEERING

Siva Ram Prasad Bandaru Kanishke Gananatha Bandara Berkin Uluutku
Pi-Yueh Chuang Gamagedara Weixin Wang
Keir P. Daniels Sung Yun Hann Xianyang Yang
Olivier Pierre Jean Mesnard Xiaoliang Yao
ONLINE PROGRAMS

MASTERS OF ENGINEERING | CLOUD COMPUTING MANAGEMENT

Aisikaier Abulimiti | Jaspreet Singh Bhatia | Padmashantha Rajapakshe Gamage
Charell Valencia Adagala | Gary Butler | Erica Razik
Oluwagbenga Ajakaye | Amin Ghanbarisarbandani | Karanbeer Singh
Nirmal Ale | Ferda Kavak | Danni Song
Youssef Amlal | David Lobe | Kevin James Spurrier
Ayesha Aziz | Jaime Enrique Matamoros Noboa | Rajiv Thukral
Issa Bazsa-Ecker | Carlo Mendoza Chiang | Michael Velilla
Cody Belle | Ashuayem Nkwanyuo | Tadesse A. Woldemariam
Andrew Bench | Grace Ponniah | Zeb Zaheer

MASTERS OF ENGINEERING | CYBERSECURITY ANALYTICS

Samuel Addington | Eimaan N. Imran | George Odom
Joel Buckley | Alize Jasper | Ryan Roberts
Helene Suzanne Dage | Blair Elizabeth Kacynski | Auston Rupnow
Brian Raymond Duke | Boris Konffo | Thomas Sheil
Josue Osmin Duran | Assefa Tolla Letta | Ralph Michael Uy Tapia
Joseph Gambino Batchelder | Alexander Kuta MacPherson | Nicole Welborn
James Gardiner | Dominic Manshadi | Ryan Jeffrey Weydeck
Jared Joseph Graff | Reid Montague | Anthony Wheeler
Sarah Hahn | Ram Nagpure |

MASTERS OF ENGINEERING | CYBERSECURITY POLICY AND COMPLIANCE

Solange Adalle | Bernita D. Black | Abiy Alemu Eticha
Azman Ahmed | Jesse Brandon Cade | Anthony George Fair
Faheem Ahmed | David Cantinieri | Jeffrey T. Farley
Troy Amankwator | David Charura | Joseph Feseha
Pavan Kumar Anam | Andrew Duho Choe | Josephine Gabos
Richard Arthur-Gyamfi | Samuel Aaron Cohen | Carmela Gonzales
Justice Arthur-Mesere | Kyle Austin Corbin | Matthew Alexander Grofsky
Prajakta Anup Badhe | Hasan Cosic | Terrill Devon Harrison
Kasim Baig | Kevin Delaney | Michael Haynes
Harsh Balwani | Daniel Joseph DeMarco | Alberto Hernandez Il
Shabnaz Benitez | Rajat Dubey | Roderick Herring
Michael Andrew Bertschinger | Nora El Sebaey | Sokhoun Hing
### MASTER OF ENGINEERING | CYBERSECURITY POLICY AND COMPLIANCE (Continued)

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<td>Max Addy Holtz</td>
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<td>Adeton Oyebade</td>
<td>Sierra Renee Smith</td>
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<td>Stephanie Michelle Rodriguez Santa</td>
<td>Jeffrey Werfel</td>
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<td>Aaron Rosenbaum</td>
<td>Frank X. Wukovits</td>
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<tr>
<td>Himaja Nimmagadda</td>
<td>Julia Lynn Rubio</td>
<td>Richard Young</td>
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### MASTER OF SCIENCE | ELECTRICAL ENGINEERING

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<tr>
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<td>Lawrence Ateh</td>
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<td>Amir Khoshharf</td>
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### MASTER OF SCIENCE | ENGINEERING MANAGEMENT

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<tr>
<td>Mohamed Shami Salem Abdulaziz</td>
<td>Abdulla Isa Abdullatif Abdulqader Alansari</td>
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<tr>
<td>Shaheen Mohamed Ebrahim</td>
<td>Adel Ebrahim Abbas Mohamed Albaloooshi</td>
<td>Saad Mohamed Saad Mohamed Alhuwaihi</td>
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<td>Mohamed Abdulrahim</td>
<td>Christopher Alderman</td>
<td>Hasan Yusuf Ismaeil Mudhaffar Ali</td>
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<td>Fadhel Abbas Ahmed Saleh Ahmed</td>
<td>Hasan Bader Abdulla Isa Jasim Alhaddad</td>
<td>Ahmed Ali Isa Alkuwaiti</td>
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<td>Yusuf Yaqoob Yusuf Mubarak Abdulla Ajoor</td>
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<td>Fayza Ali Isa Alkuwaiti</td>
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</table>
DEGREE CANDIDATES

Maryam Abdulla Mubarak Albuhab Almansoori
Zainab Mohamed Hasan Shaban Juma Almuzayan
Abdulla Mohamed Abdulla Mohamed Ateeq Alsubait
Sayed Husain Isa Jawad Fadhul Mohd. Alwedaei
Ahmed Yusuf Ahmed Alzayani
Zaleekha Hasan Farhan Faraj Aman
Anas Khelaif Obaid Ammash
Sylvester Ankamah-Kusi
Nicholas Armstrong
Clayton R. Aronica
Donald Earl Barnett
Rishika Betretab
Thomas E. Bombardier
Kinsey Anna Bragg
Timothy Edward Brennan
Matthew Scott Brown
Tyler A. Coad
Brian David Cox
John Crabtree
Gabriela Cruz
David Cuntapay
Ali Ebrahim Ali Ebrahim
Kevin Thomas Eischens
Joel Walter Farhi
Madison Farrand
Devon E. Genus
Yafet Ghirmai
Stephanie Marie Guilbault
Payton Larissa Hauck
George H. Hinerman
Prabesh Humagai
Jason Philip Hurst
Sara Abdulnoor Yusuf Abdulrahim Ismael
Sharon Joseph
Tarek Kaafarani
Tiara Chantel Keeton
Amber A. Kinter
Weston John Kleinert
Yaovi Obiton Djifa Kodjo
James L. LaMountain
Braden M. Lowes
Kristine Mary Elizabeth McCoy
Mayla McCray
Keenan Patrick McDonald
Brittany Monique McGriff
Samuel Mervosh
Victoria Miriam Middleton
Abdulaziz Mohamed
Ahmed Sami Mohamed Jar Mohamed
Ali Mahmood Mohamed Ghuloom Mohamed
Amin Abdulsamad Faraj Baquer Mohamed
Anastasia Marie Morse
Patricia Nantume
Steven John Neubauer
Matthew C. Newman
Zahra Jaafar Ahmed Omran Ali Omran
Mark Ordway
Darsh Patel
Kendra Pennington
Venkata Harish Pinisetti
Melissa Quero-Gopar
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Troy Brent Salisbury
Ahmed Abdulbari Abbas Abdulla Shehab
Amine Sniter
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Aaron Totsch
Jacob R. Udell
Elliot David Vanderen
Margaret Vedepo
Siddhi Venkatraman
Laurel Faye Wain
Brandon Weicon Wang
Earl Watson
Lauren West
Joshua Max Williams
Rita Yampolsky

MASTER OF SCIENCE | SYSTEMS ENGINEERING

Jordan Albright
Carlton A. Allred
Christopher C. Alvarez
Jayaprakash Anandhan
April Lashan Anderson
Courtney Beth Andress
Wilfred Antony
Ryan T. Asher
Amelia Alice Ayers
Mara Barkley
Martha Jill Barlow
Eric Berntson
Jason N. Betts
Isaac Kwabena-Nsiah Boakye
Patricia Nantume
Steven John Neubauer
Matthew C. Newman
Zahra Jaafar Ahmed Omran Ali Omran
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Joshua Max Williams
Rita Yampolsky

Daniel Christopher Burbank
Jessica Elise Burke
Kelly Elizabeth Burke
Lindsey M. Burke
Michael Lloyd Butler
Andrea Marie Cardarelli
Courtney Clark

18 | GRADUATION CELEBRATION 2023
Kevin Clark
Charles Douglas Crow
Tony Earl Curington
Bret M. Curtis
Charles Steffen del Solar
Arber Deleri
Joshua Michael DiGiorgio
Kimberly A. Dobrowolski
Kyle Michael Dollard
Mary C. Donovan
John DuFour
Nathan Marsh Dunson
Landon Reid Elfenbein
Manoneet Ercolini-Bhatia
Netsanet Alemu Erena
Ali E. Eshraghi
Logan T. Fleming
Atia Flynn-Arwayo
Andrew Robert Fuller
Christopher George
Chelsea Gonzalez
Jeri A. Goodin
Taylor Gregory
Bryan Thomas Hall
Chatoyer Stealth Haynes
Justin Robert Hindle
James Michael Honeycutt
Davis Michael Huffman
Jessica James
Jerard Lee Jensen
Ahmad Jilani
Robert Baxter Johnson
Zachary Allen Johnson
Janique Jones
Thangavel Karupusamy
Rosemary Grace Kemphorne-Wilson
Raghavendra Keshavmurthy
Howard Kim
Jessica Kronenwetter
Praveen Kumar
Kirsten A. Lane
Jeffrey Adam Leitch
Emerson Nephi Lewis
Jimmy Alvarez Maldonado
Daniel Marshall
Adreck James McDonald
Tanja Sabrina McElvey
Maximilian Kiernan McSherry
Sean McVeigh
Evan Middlebrooks
Robert Jay Miller
Julie Montgomery
John E. Moody
Karen Leigh Moore
Claudia Mott
Eduardo Murcia
Rayce Neal
Loc B. Nguyen
Adeola Oluymima
William Owen
Leah M. Perreault
Guillermo M. Pischansky
Patrick Pochant
Ashley Kate Presley
Yichen Qian
Donna Maria Queen
Carolina Ramirez
Taylor Jean Ribeiro
Marc Robert
Judith Rodell
Christopher R. Routh
Michael Rusnak
Dillon Schimmoeller
Jared Scott
Joseph Sepulveda
Tarique Shakil
Bradley Carter Shaw
James Thomas Simon
Nancy V. Solorzano
Michael William Stelzenmuller
Velmurugan Subramanian
Trey Kordell Sykes
Daniel A. Tanchez
Max Gregory Taylor
Alexei Tchernoraenko
Brady W. Ubel
Jessica Ann Updegrove
Sivasakthi Murugan Velayutham
Camille A. Ward
Kent Eric Wedeking
Brian M. Weinhardt
Julian C. Williams
Sam Yee
Sheetal D. Zatakia
## Degree Candidates

### Engineer | Engineering Management

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Phanuel Gbeddy</td>
<td>Nikhil Shrivastava</td>
<td>Shivam Manoj Upadhyay</td>
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### Doctor of Engineering | Engineering Management

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<td>Hassan Ahmadian</td>
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<td>Wendy E. Robello</td>
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<td>Racheal Michelle Hill</td>
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<td>Paul Raymond Anthony Howard, Jr.</td>
<td>Arthur Raphael Salindong</td>
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<td>Geoffrey Kavulya</td>
<td>Jagdeep Singh</td>
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<td>Jacqueline Andrews Le</td>
<td>Elizabeth Mary Singleton</td>
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<td>Walid Najib Hassan</td>
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### Doctor of Philosophy | Systems Engineering

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<td>Michael Louis Dupuis</td>
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<td>Jie Wu</td>
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Dear Graduates,

Congratulations! You have completed one of life’s most challenging and rewarding milestones. All of your hard work and perseverance have led you to this proud moment.

Today marks the beginning of another transformational chapter of your life. The journey of being a member of a global alumni network which brings together individuals from a multitude of cultures, countries and majors.

As a recent graduate, you are uniquely positioned to offer other GW Engineering alumni guidance on what current students value the most. Alumni cutting across generations rely on your insights to build strategies for how collectively they may strengthen the school.

It is our hope that you will be motivated to carve out time to be part of your alumni community and will prioritize giving back to the school. We encourage you to remain connected by joining an alumni network in your area, keeping the alumni office informed of your new addresses and identifying ways that you can be an ambassador and door-opener for others.

As a graduate of the GW School of Engineering and Applied Science, you know that there is no worthwhile goal that is easy to achieve. You understand that the bigger the goal, the more you will face difficulties and challenges. With this in mind, we invite you to help us leverage our research, faculty and network to create a better future.

Congratulations once again and best wishes!

GW Engineering Office of Development and Constituent Engagement
The Secret of the Machines

Rudyard Kipling

We were taken from the ore-bed and the mine,  
We were melted in the furnace and the pit—  
We were cast and wrought and hammered to design,  
Some water, coal, and oil is all we ask,  
And now, if you will set us to our task,  
We will serve you four and twenty hours a day!

We can pull and haul and push and lift and drive,  
We can print and plough and weave and heat and light,  
We can run and race and swim and fly and dive,  
We can see and hear and count and read and write!

Would you call a friend from half across the world?  
If you'll let us have his name and town and state,  
You shall see and hear your cracking question hurled  
Across the arch of heaven while you wait.

Do you wish to make the mountains bare their head  
And lay their new-cut forests at your feet?  
Do you want to turn a river in its bed,  
Or plant a barren wilderness with wheat?  
Shall we pipe aloft and bring you water down  
From the never-failing cisterns of the snows,  
To work the mills and tramways in your town,  
And irrigate your orchards as it flows?

It is easy! Give us dynamite and drills!  
Watch the iron-shouldered rocks lie down and quake,  
As the thirsty desert-level floods and fills,  
And the valley we have dammed becomes a lake.

But remember, please, the Law by which we live,  
We are not built to comprehend a lie,  
We can neither love nor pity nor forgive.  
If you make a slip in handling us you die!  
We are greater than the Peoples or the Kings—  
Be humble, as you crawl beneath our rods!—  
Our touch can alter all created things,  
We are everything on earth—except The Gods!

Though our smoke may hide the Heavens from your eyes,  
It will vanish and the stars will shine again,  
Because, for all our power and weight and size,  
We are nothing more than children of your brain!

The boat-express is waiting your command!  
You will find the Mauritania at the quay,  
Till her captain turns the lever 'neath his hand,  
And the monstrous nine-decked city goes to sea.
SHARE YOUR DAY
#GWCommencement

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