

THE GEORGE WASHINGTON UNIVERSITY

# *Hooding*



20  
22

## **2022 DOCTORAL HOODING**

THE TWELFTH OF MAY, TWO THOUSAND TWENTY TWO



School of Engineering  
& Applied Science

THE GEORGE WASHINGTON UNIVERSITY



# 2022 DOCTORAL HOODING CEREMONY

MAY 12, 2022 | 4:00P.M. | BETTS THEATRE

# ORDER OF EXERCISES

PROCESSIONAL.....Pomp & Circumstance

WELCOME ..... Rumana Riffat  
*Associate Dean for Graduate Studies*

THE DOCTORAL HOOD AND ACADEMIC REGALIA ..... Rumana Riffat  
*Associate Dean for Graduate Studies*

CHARGE TO DOCTORAL CANDIDATES ..... John Lach  
*Dean*

HOODING OF THE DOCTORAL CANDIDATES..... Dean John Lach  
and Faculty Advocates

RECESSIONAL.....Pomp & Circumstance

*Please remain standing as the academic procession leaves the auditorium.*

*The hooding program is meant to be a guide to the ceremony.  
Although every effort has been made to ensure its accuracy, the program is not an  
official record of an individual's degree.*

## A LETTER FROM THE DEAN



**John Lach**

*Dean, School of Engineering  
and Applied Science*

### *Dear Graduate:*

On behalf of the faculty and staff of The George Washington University's School of Engineering and Applied Science (SEAS), 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. We are particularly excited to celebrate you and your accomplishments in person this year, together with your family and friends. It took hard work and perseverance for you to be here today, and I hope you look back on your time at SEAS 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 at SEAS. 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 contributed original research to your academic field. 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 pandemic—that dynamic and tragic backdrop to our collective lives for over two years—has reminded us of the importance of adaptability and 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, or otherwise following your life path, please stay in touch with us and with your fellow alumni. Remember that the SEAS 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,

A handwritten signature in black ink that reads "John Lach". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

**John Lach**  
*Dean, School of Engineering and Applied Science*

# DEGREE CANDIDATES

*Degrees are conferred by the university upon those students in the following lists who have completed all degree requirements.*

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## DOCTOR OF ENGINEERING

### ENGINEERING MANAGEMENT

#### Norbert Jalal Abdenour

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

#### Noran Abraham

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

#### Waqas Ahmad

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

#### Andre Alfred

*Advocate:* James Moreland, Professorial Lecturer in Engineering Management & Systems Engineering

#### Imouline Algharbi

*Advocate:* Amirhossein Etemadi, Assistant Professor of Engineering and Applied Science

#### Daniyal Ali

*Advocate:* Amirhossein Etemadi, Associate Professor of Engineering & Applied Science

#### David Backer

*Advocate:* Curtis Larsen, Professorial Lecturer in Engineering Management & Systems Engineering

#### Robert Beauchamp

*Advocate:* Timothy Eveleigh, Professorial Lecturer in Engineering Management & Systems Engineering

#### Alexander Berry

*Advocate:* J. P. Blackford, Professorial Lecturer in Engineering Management & Systems Engineering

#### Steven Biemer

*Advocates:* Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

#### Kathleen Caccamo

*Advocate:* Aristos Dimitriou, Professorial Lecturer in Engineering Management & Systems Engineering

#### Lawrence Chiu

*Advocate:* Amirhossein Etemadi, Associate Professor of Engineering & Applied Science

#### Kenny Hee Choi

*Advocate:* Aristos Dimitriou, Professorial Lecturer in Engineering Management & Systems Engineering

#### Lindsey Colvin

*Advocate:* Amirhossein Etemadi, Associate Professor of Engineering & Applied Science

### **Jeffrey Cwagenberg**

*Advocate:* Aristos Dimitriou, Professorial Lecturer in Engineering Management & Systems Engineering

### **Getachew Degefu**

*Advocate:* Timothy Eveleigh, Professorial Lecturer in Engineering Management & Systems Engineering

### **Jonathan Evangelista**

*Advocate:* John M. Fossaceca, Professorial Lecturer in Engineering Management & Systems Engineering

### **Arielle Gaither**

*Advocate:* John Kamp, Professorial Lecturer in Engineering Management & Systems Engineering

### **Karen Heine**

*Advocate:* James Moreland, Professorial Lecturer in Engineering Management & Systems Engineering

### **Corey Hendricks**

*Advocate:* Rebecca Yassan, Lecturer in Engineering Management & Systems Engineering

### **Zolana Joao**

*Advocate:* Timothy D. Blackburn, Professorial Lecturer in Engineering Management & Systems Engineering

### **Oyetunde Jolaoye**

*Advocate:* Curtis Larsen, Professorial Lecturer in Engineering Management & Systems Engineering

### **Yoh Kawanami**

*Advocate:* Curtis Larsen, Professorial Lecturer in Engineering Management & Systems Engineering

### **Martin Kelley**

*Advocate:* Aristos Dimitriou, Professorial Lecturer in Engineering Management & Systems Engineering

### **Farah Kidwai-Khan**

*Advocate:* Mehdi Hashemipour, Professorial Lecturer in Engineering Management & Systems Engineering

### **Sean Lachhander**

*Advocate:* Rebecca Yassan, Lecturer in Engineering Management & Systems Engineering

### **Santiago Lattanzio**

*Advocate:* Timothy Eveleigh, Professorial Lecturer in Engineering Management & Systems Engineering

### **Jacob Lee**

*Advocate:* John Kamp, Professorial Lecturer in Engineering Management & Systems Engineering

### **Yi Liu**

*Advocate:* Mehdi Hashemipour, Professorial Lecturer in Engineering Management & Systems Engineering

### **Aashis Luitel**

*Advocate:* Mehdi Hashemipour, Professorial Lecturer in Engineering Management & Systems Engineering

### **Ravinder Mallarapu**

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

### **Cody Moore**

*Advocate:* Amirhossein Etemadi, Associate Professor of Engineering & Applied Science

## DEGREE CANDIDATES

### **Tamara Nall**

*Advocate:* Oliver Bojanic, Professorial Lecturer in Engineering Management & Systems Engineering

### **Barbara Ohuabunwa**

*Advocate:* Oliver Bojanic, Professorial Lecturer in Engineering Management & Systems Engineering

### **Shapna Sultana Pal**

*Advocate:* Thomas Holzer, Professorial Lecturer in Engineering Management & Systems Engineering

### **Shirali Patel**

*Advocate:* Aristos Dimitriou, Professorial Lecturer in Engineering Management & Systems Engineering

### **Jean Pharaon**

*Advocates:* Amirhossein Etemadi, Associate Professor of Engineering & Applied Science and J. P. Blackford, Professorial Lecturer in Engineering Management & Systems Engineering

### **Sarah Roth**

*Advocate:* Curtis Larsen, Professorial Lecturer in Engineering Management & Systems Engineering

### **Valerie Santiago-Perez**

*Advocate:* Oliver Bojanic, Professorial Lecturer in Engineering Management & Systems Engineering

### **Craig Sawyer**

*Advocate:* James Moreland, Professorial Lecturer in Engineering Management & Systems Engineering

### **Ravi Shanbhag**

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

### **Jon St. Onge**

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

### **Ashley Stewart**

*Advocate:* James Moreland, Professorial Lecturer in Engineering Management & Systems Engineering

### **Agendia Taku**

*Advocate:* Timothy Eveleigh, Professorial Lecturer in Engineering Management & Systems Engineering

### **John Ullrich**

*Advocate:* John Kamp, Professorial Lecturer in Engineering Management & Systems Engineering

### **Sabrina Ussery**

*Advocate:* Shahryar Sarkani, Adjunct Professor of Engineering Management

### **Okwudiri Uzoh**

*Advocate:* Timothy Eveleigh, Professorial Lecturer in Engineering Management & Systems Engineering

### **Hayden Williams**

*Advocate:* John M. Fossaceca, Professorial Lecturer in Engineering Management & Systems Engineering

### **Humie Woo**

*Advocate:* Rebecca Yassan, Lecturer in Engineering Management & Systems Engineering



## DOCTOR OF PHILOSOPHY

### BIOMEDICAL ENGINEERING

#### Hanaa Hamad A Almogbil

*Advocate:* Vesna Zderic, Professor of Biomedical Engineering

#### Andrew William Chen

*Advocate:* Vesna Zderic, Professor of Biomedical Engineering

#### Shuyue Guan

*Advocate:* Murray H. Loew, Professor of Engineering and Applied Science

#### Hifza Javed

*Advocate:* Chung Hyuk Park, Associate Professor of Biomedical Engineering

#### Baichen Li

*Advocate:* Zhenyu Li, Associate Professor of Engineering and Applied Science

#### Pouria Riyahi

*Advocate:* Matthew W. Kay, Professor of Engineering and Applied Science

#### Rose Yin

*Advocate:* Igor Efimov, Alisann and Terry Collins Professor of Biomedical Engineering

### CIVIL AND ENVIRONMENTAL ENGINEERING

#### Faezeh Ebrahimi

*Advocate:* Majid T. Manzari, Professor of Civil Engineering

#### Ali Gerami Matin

*Advocate:* Majid T. Manzari, Professor of Civil Engineering

#### Hongchen Shen

*Advocate:* Danmeng Shuai, Associate Professor of Civil Engineering & Environmental Engineering

#### Mengyang Zhang

*Advocate:* Danmeng Shuai, Associate Professor of Civil Engineering & Environmental Engineering

#### Ruochen Zhu

*Advocate:* Danmeng Shuai, Associate Professor of Civil Engineering & Environmental Engineering

### COMPUTER ENGINEERING

#### Benjamin Bowman

*Advocate:* H. Howie Huang, Professor of Engineering & Applied Science

#### Yuede Ji

*Advocate:* H. Howie Huang, Professor of Engineering & Applied Science

#### Armin Mehrabian

*Advocate:* Tarek El-Ghazawi, Professor of Engineering and Applied Science

#### Ke Wang

*Advocate:* Ahmed Louri, David and Marilyn Karlgaard Professor of Electrical & Computer Engineering

#### Hao Zheng

*Advocate:* Ahmed Louri, David and Marilyn Karlgaard Professor of Electrical & Computer Engineering

# DEGREE CANDIDATES

## COMPUTER SCIENCE

### Rehab Alahmadi

*Advocate:* James K. Hahn, Professor of Engineering & Applied Science

### Jennifer Trull Brooks

*Advocate:* Abdou Youssef, Professor of Engineering and Applied Science

### Zekai Chen

*Advocate:* Xiuzhen Cheng, Professor Emeritus of Computer Science

### Siyuan Feng

*Advocate:* Hyeong-Ah Choi, Professor of Engineering & Applied Science

### Yizhen Jia

*Advocate:* Xiuzhen Cheng, Professor Emeritus of Computer Science

### Zhantong Liang

*Advocate:* Abdou Youssef, Professor of Engineering and Applied Science

### Jared Mowery

*Advocate:* Robert B. Pless, Professor of Computer Science

### Runyu Pan

*Advocate:* Gabriel A. Parmer, Associate Professor of Computer Science

### Fangtian Zhong

*Advocate:* Xiuzhen Cheng, Professor Emeritus of Computer Science

## ELECTRICAL ENGINEERING

### Mohannad Abdulrahman K Alhazmi

*Advocate:* Payman Dehghanian, Assistant Professor of Electrical Power & Energy

### Reza Karimian Bahnemiri

*Advocate:* Shahrokh Ahmadi, Teaching Professor of Electrical Engineering and Mona E. Zaghloul, Professor of Engineering & Applied Science

### Shijing Li

*Advocate:* Tian Lan, Professor of Electrical and Computer Engineering

### Libin Sun

*Advocate:* Mona E. Zaghloul, Professor of Engineering & Applied Science

## ENGINEERING MANAGEMENT

### Seth Michael Barna

*Advocate:* Jonathan P. Deason, Professor of Engineering & Applied Science

### Chanelle Latouche Gutari

*Advocate:* Joseph A. Barbera, Associate Professor of Engineering Management & Systems Engineering

### Dian Hu

*Advocate:* David A. Broniatowski, Associate Professor of Engineering Management and Systems Engineering

### Olawale Mobolaji Ogunrinde

*Advocate:* Ekundayo Shittu, Associate Professor of Engineering Management & Systems Engineering

## MECHANICAL AND AEROSPACE ENGINEERING

### Alexa Corrine Baumer

*Advocate:* Megan Leftwich, Associate Professor of Engineering & Applied Science

### **Charles Fort**

*Advocate:* Philippe M. Bardet, Professor of Mechanical & Aerospace Engineering

### **Abhilash Reddy Malipeddi**

*Advocate:* Kausik Sarkar, Professor of Engineering & Applied Science

### **Tingyu Wang**

*Advocate:* Lorena A. Barba, Professor of Engineering & Applied Science

## **SYSTEMS ENGINEERING**

### **Buddy Aswin**

*Advocates:* Amirhossein Etemadi, Associate Professor of Engineering & Applied Science, Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

### **Donald Alexander Barrett**

*Advocates:* Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

### **Farouk Harold Bonilla**

*Advocates:* Thomas Holzer, Professorial Lecturer in Engineering Management & Systems Engineering and Shahram Sarkani, Professor of Engineering Management & Systems Engineering

### **Vijaya Kumar Eluri**

*Advocates:* Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering and Shahram Sarkani, Professor of Engineering Management & Systems Engineering

### **Joel Goodman**

*Advocates:* Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

### **Dor Hirsh Bar Gai**

*Advocate:* Ekundayo Shittu, Associate Professor of Engineering Management & Systems Engineering

### **Alexander Walter Laun**

*Advocates:* Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering and Shahram Sarkani, Professor of Engineering Management & Systems Engineering

### **Markeeva Andre Morgan**

*Advocates:* Thomas Holzer, Professorial Lecturer in Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

### **Everett Houston Oliver, II**

*Advocates:* Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

### **Edward Joseph Repetski**

*Advocates:* Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering and Shahram Sarkani, Professor of Engineering Management & Systems Engineering

### **Matthew William Robinson**

*Advocates:* Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

# DEGREE CANDIDATES

## Stephen J Sapol

*Advocate:* Zoe Szajnfarder, Professor of Engineering Management & Systems Engineering

## Janiele Eduarda Silva Costa Custodio

*Advocate:* Hernan Abeledo, Associate Professor of Engineering Management & Systems Engineering

## Benjamin William Stirgwolt

*Advocates:* Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering and Shahram Sarkani, Professor of Engineering Management & Systems Engineering

## Omar Taha

*Advocates:* Shahram Sarkani, Professor of Engineering Management & Systems Engineering and Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering

## Daniel James Veit

*Advocates:* Thomas A. Mazzuchi, Professor of Engineering Management & Systems Engineering and Shahram Sarkani, Professor of Engineering Management & Systems Engineering

## Ademir-Paolo Vrolijk

*Advocate:* Zoe Szajnfarder, Professor of Engineering Management & Systems Engineering

## CONGRATULATIONS TO OUR NEWEST ALUMNI!

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