

# GRADUATION CELEBRATION

## Bachelors of Science

Jiajun Bao	Davis Kurniawan	Leqi Tang
Casey Campbell	Avery Lee	Anthony Vigil
Jerry Cao	Zheming (Frank) Li	Zining Wang
Chunyu Chen	Wenjin Lyu	Leqi (Sammy) Wang
Yuqing Cui	Ivanna Maxwell	Haiyu Xiao
Maxime Didascalou	Amelia Nathan	Jiatian Xie
Hailey Farrington	Malikah Nathani	Yuhui Xu
Rao (Ray) Fu	Vignesh Pethuraj	Tian Zhang
Haoyiwen Guo	Carter Peyton	Fuhanchen (Andy) Zhang
Junzheng Hao	Lang Qin	Ruixi Zhang
Zhen Feng (Andrew) Heng	Gonzalo Quinto	Yi Zhong
Zhenyu Huang	Haley Riggs	Rui Zhu
Wanwei Huang	Ao Shen	Peiyao Zhu
Kelei Jiang	Jiaqi Su	Zachary Zlepper

## Awards & Recognition

### SIAM UW Award

For exceptional service to the University of Washington Chapter of SIAM for the 2021-2022 academic year

### Joseph Hammack Endowment Award

For exemplary work by a student in the Department of Applied Mathematics

### Boeing Research Award

For outstanding research by a student in the Department of Applied Mathematics

### CFRM Professional Excellence Awards

Recipients: Jiahua Wu, Syed Aun Haider, Lexin Li

### CFRM Outstanding Woman in Finance Award

Recipients: Chaoyi Lou, Serena Zhao

### CFRM Academic Achievement Award

Recipients: Navid Bahadoran, Yuman Lin

### CFRM Peer Leadership

Recipients: Navid Bahadoran, Steven Zhang

### CFRM Spirit Award

Recipient: Federico Borrego Higareda, Jui-Lin Keng



# 2022

June 11th

Undergraduates: 8:30 AM - 9:30AM

Graduates: 10:30 AM - 11:30 AM

Mary Gates Hall Commons



APPLIED MATHEMATICS

UNIVERSITY of WASHINGTON

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## Schedule of Events

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Undergraduate Ceremony

8:30 AM Welcome Address: Bernard Deconinck  
Introduction of Bachelor of Science Recipients: KK Tung  
9:30 AM Closing Remarks

Graduate Ceremony

10:30AM Welcome Address: Bernard Deconinck  
Introduction of Master of Science Recipients: Matt Lorig & Tim Leung  
Introduction of Doctor of Philosophy Recipients  
11:30AM Closing Remarks: Bernard Deconinck

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## Doctors of Philosophy

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**Tyler Chen** - Lanczos based methods for matrix functions  
*Advisors: Anne Greenbaum, Thomas Trogdon*

**Jorge Cisneros** - The Unified Transform Method and its semi-discrete analogue for numerically solving IBVPs  
*Advisor: Bernard Deconinck*

**Ryan Patrick Creedon** - Spectral Instabilities of Stokes Waves by Perturbation Methods  
*Advisor: Bernard Deconinck*

**Roman Levin** - Applications of Optimization and Machine Learning on Healthcare  
*Advisor: Aleksandr Aravkin*

**Hexuan Liu** - Dimensionality Reduction for Supervised and Unsupervised Learning: New Algorithms, Analysis and Applications  
*Advisors: Alexander Aravkin, Anne Greenbaum*

**Yuying Liu** - Deep Learning for nonlinear dynamical systems  
*Advisors: J. Nathan Kutz, Steve Brunton*

**Katherine Owens** - Life Together: Modeling the Collective Behavior of Cellular Communities  
*Advisors: Ivana Bozic, J. Nathan Kutz*

**Diya Sashidhar** - Data-Driven Methods for Time Series Forecasting, Classification, and Uncertainty Quantification  
*Advisors: J. Nathan Kutz*

**Iris Jianghong Shi** - Representations of Biological and Artificial Neural Networks  
*Advisor: Eric Shea-Brown*

**Lowell Thompson** - Affine Structures and Stochastic Thermodynamics on the Space of Measures  
*Advisor: Hong Qian*

**Doris Voina** - TBD  
*Advisors: Eric Shea-Brown, Stefan Mihalas*

**Ying-Jen Yang** - Thermodynamic Principles of Stochastic Dynamics: Time Symmetries and Data Infinitum  
*Advisor: Hong Qian*

**Zhengde Zhao** - Multiscale Financial Signal Processing and Machine Learning  
*Advisor: Tim Leung*

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## Masters of Science

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### Applied Mathematics

Cade Ballew  
David William Barnes  
Amanda Becotte  
Solomiya Bilyk  
Kelton Busby  
Jiarui Cai  
Nicholas Cantrell  
Liu Cao  
Kushal Chawda  
Trevor Crupi  
Brittney D'Oleo  
Tyrone DeSilva  
Aneeqa Fatima  
Ana Garcia Arias  
Thomas Glucksman  
Ike Griss Salas  
Dylan Gustafson

Daniel Hobbs  
Meg Hull  
Ryan Kramlich  
Daniel Leon  
Hongda Li  
Hyun A Lim  
Belle Liu  
Rebecca Alexandra Lopez  
Zidan Luo  
Raymond Mead  
Ava Kurush Mistry  
Savitha Muthanna  
John Nappi  
Reed Nomura  
Juan Felipe Osorio Ramirez  
Diego Pena-Colaiocco

Rohan Rele  
Arnold Peter Ruymgaart  
Leo Selker  
Eric Andrew Silk  
Keemie Titus  
Obinna Adrian Ukogu  
Alison Walker  
Mingcheng Wang  
Yizhou Wang  
Mike Wendels  
Xiyan Wu  
Binnan Yu  
Haotian Zhang  
Haotian Zhang  
Lyutianyang Zhang  
Gary Zhao

### Computational Finance and Risk Management

Navid Bahadoran  
Hanwen Chen  
Minfeng Chen  
Sophie Chen  
Zekun Chen  
Haiqing Gong  
Syed Muhammad Aun Haider  
Shreyes Joshi  
Prajwal Kedilaya  
Chenguang Li  
Lexin Li  
Xiaowei Liang  
Jiajian Liao

Mingwei Lyu  
Jose L Marquez Jaramillo  
Jiarui Mei  
Boyoung Park  
Tanvir Sethi  
Minghao Sun  
Le Tung  
Jie Wang  
Yang Wang  
Yihang Wang  
Siqi Wei  
Yumeng Wu

Fanrui Xu  
Song Xue  
Hao Yan  
Chumei Yang  
Jialei Yang  
Lei Zhang  
Shuo Zhang  
Zeyu Zhang  
Johnny Zhang  
Jiahui Zhao  
Daniel Zhou  
Zepei Zhu