Applied Mathematics

Spring 2023 Graduation Recognition

Honoring graduates from the Department of Applied Mathematics

May 11, 2023 12:00 PM

http://www.colorado.edu/amath
Program of Ceremony

Welcome
François Meyer, Professor and Interim Chair

Graduate Program Remarks
Will Kleiber, Professor and Graduate Chair

Doctoral Candidate - Student Speaker
Shay Gilpin, AMEN Ph.D.

Recognition and Hooding of Ph.D. candidates

Recognition of Master of Science candidates

Professional Master’s Program Remarks
Brian Zaharatos, Ph.D., Teaching Professor and Director for Professional Master’s Program

Master’s Candidate - Student Speaker
Meghan Diane Buscher, AMEN-MSAM

Recognition of Master of Science candidates

Undergraduate Program Remarks
Anne Dougherty, Ph.D., Teaching Professor and Associate Chair
Bachelor of Arts Candidate - Student Speaker
Kelsie Torczynski, STAT-BA

Recognition of Bachelor of Arts candidates

Bachelor of Science Candidate - Student Speaker
John Quinn, AMEN-BSAM

Recognition of Bachelor of Science candidates

Platform party recesses

2023 Platform Party
Nick Barendregt, Meghan Buscher, Anne Dougherty, Abe Ellison, Natasha Flyer, Shay Gilpin, Amanda Hampton, Keith Julien, Zack Kilpatrick, Will Kleiber, Tomoko Matsuo, Jim Meiss, François Meyer, Jack Quinn, Ruyu Tan, Kelsie Torczynski, Kiera van der Sande, Brian Zaharatos
Undergraduate Special Honors

College of Engineering and Applied Science

Academic Engagement Awards
   John Quinn
   Hugh Scribner

Justice, Equity, Diversity & Inclusion (JEDI) Award
   Samuel Kwon

Perseverance Award
   Amanda Widner

Research Award
   Alexey Yermakov

College of Arts and Sciences

Maurice Davies Award
   Estelle Lindrooth

December 2022 and August 2023 Graduates

The University does not offer a commencement ceremony for those students who complete their degrees in December or August. So that all of our students are recognized, we include those students who received their degrees in December 2022, or will be receiving them in August 2023.
Doctor of Philosophy

Nicholas William Barendregt
Adaptive Decision-Making in Dynamic Environments Using Sequential Bayesian Inference
Dissertation Advisor: Zachary Kilpatrick, APPM

Abram Ellison
Gyrovscopic Polynomials
Dissertation Advisor: Keith Julien, APPM

Shay Gilpin
Continuum Covariance Propagation for Understanding and Mitigating Variance Loss in Advective Systems
Dissertation Advisor: Tomoko Matsuo, AES

Amanda Elizabeth Hampton
On the Three-Dimensional Quadratic Diffeomorphism: Anti-integrability, Attractors, and Chaos
Dissertation Advisor: Jim Meiss, APPM

Graham Kesler O’Connor
Source Localization on Infection Networks
Dissertation Advisor: Manuel Lladser, APPM

Ruyu Tan
Methods for Change Points Detection and Model Selection in State-Space Models
Dissertation Advisor: Vanja Dukic, APPM

Kiera van der Sande
Contributions to Computational Techniques and Machine Learning for Applied Science
Dissertation Advisor: Vanja Dukic, APPM
Master of Science

Leo Alexander Crowder
Byanka Estudillo
Ahyo Chang Falick
Seunghyun Kim
Dennis Jason Krimer
Serena Joy Lipari-DiLeonardo
Allison Liu
Benjamin Ryan Marquardt
John Douglas Montagu
Aviral Prakash
Kyle James Weishaar
Professional Master of Science

Meghan Diane Buscher
Brian Cain
Rebecca Eve Cohen
Megan Hannah Collins
Anders Harris
Michael Huffman
Ziyu Li
Brian Morales
Kevin Minh Nguyen
Nathan Omdalen
Joshua Park
Zachary Christopher Sajevic
Sandra Alexis Tredinnick
Austin Wagenknecht
Jonathan Yang
Jongbae Yoon
Bachelor of Arts
Statistics and Data Science

Ryan Karl Bergner
Jonathan Scott Boucher
George Charles Brown
Eric Matzke Flaska
Michael Ghattas
Meghan Hergert
Xiang Kan
Peter Kinder
Estelle Lindrooth
Christopher Lynch
Carissa Mayo
Frida Iris Muedsam
Mitchell Dean Nelson
Elizabeth Grace Rodriguez
Connor John Schwarz
Luke William Secunda
Trevor Smith
Kelsie Lorraine Torczynski
Keenan Warble
Taryn True Welch
Elena Marie Werner
Bachelor of Science
Applied Mathematics

Rua’a al-Harthv
Logan D. Barnhart ▼
Samuel C. Blackwood ◆
James Edward Carley
Claudia Chen *
Olivia A. Dapper •
Ellie K. Divita *
Charles Doremieux
Sydney E. Evans *
Ian Christian Falkinburg
Mason Bradley Friedberg
Trey M. Gerlach *
Christopher Gonzalez-millan
Ryan James Hamilton ◆◆
Thomas Daniel Hawley
Anne Marie Hendricks
Anna Hirschmann ◆
Joel K Hoverstein
Tyler James Jensen
Julia Meilan Jess •
Kayla Nicole Johnson ▼
Bryce Werner Kaese ▼
Etash Kalra ◆◆
Arthur J. Kilgore
Samuel Y. Kwon
Nicholas James Larson
Junwoo Lee *
Derek Edward Leroux
Christopher Nylund
Zachary Brance Peterson
Alana Press *●†
John Timothy Quinn ◆
Brian Denton Reagan *
Dane Steven Rieber *
Benjamin Paul Sakiewicz
Benjamin Charles Sapper ◆
Aaron Schwan •
Hugh Ephraim Scribner *
Robert Henry Sewell •
Jonathan David Shaw *
Trevor Smith
Alden Wilder Soto ◆
Soren S Sovndal
Pranav Subramanian ◆
Sean Paul Svihla ▼

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Bachelor of Science
Applied Mathematics
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Gabreece Van Anne ♦ Amanda Victoria Widner ♦
Allesandro Villain • Alexey Sergeyevich
Ryan Merrick Vogel ∨ Jinhua Zhang
Hampton Watson Walker

Undergraduate Engineering Honors
• Engineering Honors Program
♦ Summa Cum Laude (Final GPA 3.900 – 4.0)
* Magna Cum Laude (Final GPA 3.800 – 3.899)
∨ Cum Laude (Final GPA 3.700 – 3.799)
† A&S Honors Thesis
Congratulations!
Thank you so much for joining us today to celebrate our Applied Mathematics graduates. We are proud of all of your hard work and we hope you stay connected with us in the future.

Graduate slides will be available at:
http://www.colorado.edu/amath

Stay in contact with us:
http://www.colorado.edu/amath/alumni

Linkedin:
https://www.linkedin.com/in/applied-mathematics-cu-boulder-262ab7b2

Forever Buffs:
http://www.colorado.edu/alumni/benefits/forever-buffs

Donate to Applied Mathematics:
https://www.colorado.edu/amath/donate