

Applied Mathematics



Spring 2025 Graduation Recognition

Honoring graduates from the
Department of Applied Mathematics

May 8, 2025 12:00 PM

<http://www.colorado.edu/amath>

Program of Ceremony

Welcome

Mark Hoefer, Professor and Chair

Graduate Program Remarks

Zack Kilpatrick, Associate Professor and Graduate Chair

Doctoral Candidate - Student Speaker

Jacob Spainhour

Recognition and Hooding of Ph.D. candidates

Traditional Master's Candidate - Student Speaker

Anna Hirschmann

Recognition of Traditional Master of Science candidates

Professional Master's Program Remarks

William Kleiber

Professional Master's Candidate - Student Speaker

Max Silver

Recognition of Professional Master of Science candidates

Undergraduate Program Remarks

Anne Dougherty, Ph.D., Teaching Professor and Associate Chair

Bachelor's of Arts Candidate - Student Speaker

Sienna Amorese

Bachelor's of Science Candidate - Student Speaker

Beckett Hyde

Recognition of Bachelor of Arts candidates

Recognition of Bachelor of Science candidates

Platform party recesses



2025 Platform Party

Sienna Amorese, Anne Dougherty, Anna Hirschmann, Mark Hoefer, Beckett Hyde, Zack Kilpatrick, Will Kleiber, Max Silver, Jacob Spainhour

December 2024 and August 2025 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 2024, or will be receiving them in August 2025.

Doctor of Philosophy

Nuojin Cheng

Bi-fidelity Uncertainty Quantification and Optimization

Dissertation Advisor: Alireza Doostan

Corbit R Sampson

Complex Social Systems: Emergent Phenomena, Social Contagions, and Opinion Consensus

Dissertation Advisor: Juan Restrepo

Sage Shaw

Approximating the effect of inputs and cortical geometry on wave propagation in neural fields

Dissertation Advisor: Zack Kilpatrick

Jacob Christian Spainhour

Computational Methods of Optimization and Geometry Processing for Physics Applications

Dissertation Advisor: Stephen Becker

Sara Kauffman Tro

Effects of Ekman pumping in geophysical fluids

Dissertation Advisor: Ian Grooms

Master of Science

Ellery Galvin
Anna Elizabeth Hirschmann
Molly Noelle McFaul
Alexander Joseph Paradise



Professional Master of Science

Rahul Baikadi

Chris Hieu Doan
Connor Flaherty
Corbin Halliwill
Rucha Rajendra Khairnar
Peter Markley Kinder
Daniel Long
Hanna Marie McDonnell
Niharika Narasimhiah Govinda
Krithikesh Ravishankar
Dominic Rudakevych
Max Morgan Silver

Bachelor of Arts
Statistics and Data Science

Iliana Aldana

Siena Rose Amorese † ∇

Chun Ho Au-Yeung
Elizabeth Pender Bauhan
Will Garton Biancarelli
Ainsley Braunscheidel
Ella C Bronaugh
Ella Louise Cridland
Harrison Fagan
Akshat Aniruddha Gadgil
Steven A Habovstak
Will C James
Roberto Tobias Jimenez
Zachary Jordan
Joanna Esther Joseph

Andrew Davidson Jossi
Isabella Ann Dee Kindrick
Luna Aleksandra Kostic
Tetsuo Lo
Reza Naiman
Luke James Petet † ♦
Brady Paul Schiff
Shrish Sharma
Srihari Srinivasan
Ayush Uniyal
Wiley Patrick
Yankopoulos

† A&S Honors Thesis

♦ Summa Cum Laude

* Magna Cum Laude

∇ Cum Laude

Bachelor of Science Applied Mathematics

Ryan M Albright ♦ ▲

Matt Joseph Arenson

Isabella Grace Bates
Alexander James Brimhall
Isak Gustav
Cedergrund ♦♦
Kashyap Subrahmanyam
Challapalli *
Diego Chavez
Bartholomew W Chen *
Samantha Sueyoung Choe
Tyler Clough
Mitali Desai ♦♦
Natalia Emeli Eid *
Ella Grace Finstuen
Natalie Hansard
Jesse Kalman
Hettleman ♦
Beckett Ridley Hyde ♦♦
Madison Paige Jones ♦♦
Quinn Delaney Lew
Kayla Michelle Mash •
Mateo Martinez Medellin
James Edward Miles IV

Chloe Antoinette
Mulqueen
Blake James Musfeldt ♦♦
Francesca
Nuffer-Rodriguez ♦
Joanna Lily Parker •
Zane Lloyd Perry ♦
Hannah K Priddy
Oliver Quinonez
Kyle Philip Roche
Aidan Joseph Roux
Antonio Edmundo Samour
Dylan Elise Sanders
Neel Jitendra Sanghvi †*
Luke Harrison Sellmayer
Xochilth Guadalupe Sierra
Julius Rushmore Slimko
Jaden Anthony Snell
Anjali Velamala ♦
Steven Pacey Wallace
Tessa N Whittaker

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
▲ Kiewit Design-Build Scholar

College of Engineering Awards

Academic Engagement Award

Mitali Desai

Blake James Musfeldt

Francesca Nuffer-Rodriguez

Antonio Edmundo Samour

Community Impact Award

Jesse Kalman Hettleman

Anjali Velamala

Research Award

Isabella Grace Bates





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>