

Cameron Lowry

Email: cameron.lowry@cuanschutz.edu

Personal Website: cameronlowry.com

GitHub: github.com/lowrycam

LinkedIn: linkedin.com/in/lowrycam

Google Scholar: scholar.google.com/citations?user=9w7i7oAAAAAJ

Education

- 8/2024–5/2029 PhD in Pharmaceutical Sciences
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA
GPA: 3.96/4.00
- 8/2012–5/2016 BS in Chemical Engineering
College of Engineering
Virginia Tech
Blacksburg, VA, USA
cum laude, Minor in Chemistry, GPA: 3.45/4.00

Professional Appointments

- 1/2025–Present Research Assistant
PI: Arjun Krishnan, PhD
Department of Biomedical Informatics
School of Medicine
University of Colorado Anschutz
Aurora, CO, USA
- 8/2024–1/2025 Research Assistant
PI: Christina Aquilante, PharmD
Department of Pharmaceutical Sciences
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA
- 5/2023–6/2024 Scientist
Department of Drug Product Development
GSK plc
Rockville, MD, USA
- 12/2020–5/2023 Associate Scientist
Department of Drug Product Development
GSK plc
Rockville, MD, USA

- 12/2017–4/2020 Associate Scientist
Department of Vaccine Process Development
Merck & Co., Inc.
West Point, PA, USA
- 7/2016–12/2017 Downstream Scientist
Eurofins Lancaster Laboratories Professional Scientific Services, LLC
West Point, PA, USA
- 2/2016–5/2016 Project Intern
Universal Fibers, Inc.
Bristol, VA, USA
- 2/2016–4/2016 Undergraduate Research Assistant
PI: Michael Flessner, PhD
Department of Plant Pathology, Physiology, and Weed Science
College of Agriculture and Life Sciences
Virginia Tech
Blacksburg, VA, USA
- 11/2014–5/2015 Laboratory Aide
Virginia Tech Soil Testing Laboratory
Blacksburg, VA, USA

Publications

Acknowledgements

- Thelen, J. L., Leite, W., Urban, V. S., O'Neill, H. M., Grishaev, A. V., Curtis, J. E., Krueger, S., & Castellanos, M. M. (2024). *Morphological Characterization of Self-Amplifying mRNA Lipid Nanoparticles*. ACS Nano, 18(2), 1464-1476. <https://doi.org/10.1021/acsnano.3c08014>

Conferences

Posters

- Lowry, C., Farrell, C., McFarlane, N., & Wen, E. (2019). *Texture, particle, and rheometric analysis of precipitated polysaccharide*. American Chemical Society, Spring 2019 National Meeting, Orlando, FL, USA.

Awards

- 6/2012 Baltimore Alumni Chapter Scholarship
Virginia Tech Alumni Association, Baltimore Chapter
Baltimore, MD, USA

Community Outreach

- 11/2025 Panelist, Career Exploration Panel for Visiting Elementary School Students
Hallett Academy hosted by University of Colorado Anschutz
Aurora, CO, USA
- 10/2025 Panelist, Career Exploration Panel for Visiting High School Students
Adams City High School hosted by University of Colorado Anschutz
Aurora, CO, USA

Departmental Service

- 9/2025–Present Pharmaceutical Sciences PhD Student Representative 2025-2026
Department of Pharmaceutical Sciences
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA

Teaching Assistant Experiences

Courses

- 1/2025–5/2025 PHRD/PRDZ 5965: Patient-Centered Communication
Pharmacy Doctorate (PHRD/PRDZ) Course
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA
- 8/2024–12/2024 PHRD 5925: Pharmaceutics (Lab)
Pharmacy Doctorate (PHRD) Course
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA
- 8/2024–12/2024 PHRD 6015: Clinical Pharmacokinetics
Pharmacy Doctorate (PHRD) Course
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA
- 8/2024–12/2024 PHRD 7085: Pharmacotherapy 6
Pharmacy Doctorate (PHRD) Course
University of Colorado Anschutz
Aurora, CO, USA

Workshops

- 6/2025 Multi-Omics and NETwork Analysis Summer Workshop (MONET)
University of Colorado Anschutz
Aurora, CO, USA

1/2025–5/2025 Dean's Leadership Convocation
Pharmacy Doctorate Seminar Series
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
Aurora, CO, USA

Selected Coursework

- 7/2015–8/2015 28123: Laboratory in Chemical/Biochemical Engineering
28124: Summer Course in Chemical Process and Plant Design
Technical University of Denmark
Kongens Lyngby, Denmark
- 9/2014–12/2014 CHE 4994: Undergraduate Research
Chemical Engineering (CHE) Course
PI: William Ducker, PhD
Department of Chemical Engineering
College of Engineering
Virginia Tech
Blacksburg, VA, USA

Professional Development

Professional Organizations

- 9/2025–Present Member
Statistical Genomics Working Group
- 11/2024–Present Trainee Member
Colorado Clinical & Translational Sciences Institute
- 9/2024–Present Staff Member
Colorado Center for Personalized Medicine
- 9/2024–Present Member
R-Ladies Aurora

In-Person Workshop Participation

- 10/2025 Perspectives of Academic Systems in Providing Neurological Care
MJH Life Sciences Multimedia Medical LLC
Aurora, CO, USA
- 8/2025 University of Colorado-Rocky Mountain Advanced Computing Consortium
(CU-RMACC) Artificial Intelligence (AI) Workshop
University of Colorado Boulder
Boulder, CO, USA
- 4/2025 2025 Symposium on Nanomedicine and Nanosafety
University of Colorado Anschutz
Aurora, CO, USA

- 2/2023 Light Scattering University & Eclipse (AF4/Dualtec) Training
Wyatt Technology Corporation
Santa Barbara, CA, USA
- 6/2022 Freedom EVOWare Standard Training
Tecan Group Ltd.
Morrisville, NC, USA

Online Workshop Participation

- 11/2025 Bayesian Multi-Omics Disease Subtyping with Clinical Outcome Guidance in the Context of Multi-Facet Cluster Structure
American Statistical Association, Section on Statistics in Genomics and Genetics
- 10/2025 Psychedelic Medicine and the Future of Mental Health Care
Unbound Medicine, Inc.
- 8/2024 CITI Health Information Privacy and Security for Clinical Investigators
CITI Program
- 8/2024 Group 1 Biomedical Investigators
CITI Program
- 12/2021 Liquid Filling
The Packaging School LLC