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

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

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

Awards

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

Publications

Acknowledgements

1/2024 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

3/2019–4/2019 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.

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

Community Involvement

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

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

Technical Skills

Programming	Python (NumPy, Pandas, Seaborn, Matplotlib, Plotly), R, SAS, Visual Basic for Applications, MATLAB

Tools	Alpine, Slurm, Jupyter Notebook, Git/GitHub, Shell scripting, Stata, Spotfire, Basic Linux/Unix commands, Freedom EVOware Standard, Tinkercad, Aspen Plus, ImageJ