

Cameron Lowry

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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

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 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

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