

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
GPA: 3.96/4.00
- 8/2012–5/2016 BS in Chemical Engineering
College of Engineering
Virginia Tech
Blacksburg, VA
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
- 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
- 5/2023–6/2024 Scientist
Department of Drug Product Development
GSK plc
Rockville, MD
- 12/2020–5/2023 Associate Scientist
Department of Drug Product Development
GSK plc
Rockville, MD

- 12/2017–4/2020 Associate Scientist
Department of Vaccine Process Development
Merck & Co., Inc.
West Point, PA
- 7/2016–12/2017 Downstream Scientist
Eurofins Lancaster Laboratories Professional Scientific Services, LLC
West Point, PA
- 2/2016–5/2016 Project Intern
Universal Fibers, Inc.
Bristol, VA
- 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
- 11/2014–5/2015 Laboratory Aide
Virginia Tech Soil Testing Laboratory
Blacksburg, VA

Publications

Acknowledgements

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

Conferences

National

- 3/2019–4/2019 American Chemical Society Spring National Meeting & Exposition
Poster – Texture, particle, and rheometric analysis of precipitated polysaccharide
Orlando, FL

Awards

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

Community Outreach

- 11/2025 Panelist on Career Exploration Panel for Visiting Elementary School Students
Hallett Academy visiting University of Colorado Anschutz
- 10/2025 Panelist on Career Exploration Panel for Visiting High School Students
Adams City High School visiting University of Colorado Anschutz

Program Service

- 8/2025–Present Pharmaceutical Sciences PhD Student Representative 2025-2026
Pharmaceutical Sciences PhD Program
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz

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
- 8/2024–12/2024 PHRD 5925: Pharmaceutics (Lab)
Pharmacy Doctorate (PHRD) Course
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
- 8/2024–12/2024 PHRD 6015: Clinical Pharmacokinetics
Pharmacy Doctorate (PHRD) Course
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz
- 8/2024–12/2024 PHRD 7085: Pharmacotherapy 6
Pharmacy Doctorate (PHRD) Course
University of Colorado Anschutz

Workshops

- 6/2025 Multi-Omics and NETwork Analysis Summer Workshop (MONET)
University of Colorado Anschutz
- 1/2025–5/2025 Dean's Leadership Convocation
Pharmacy Doctorate Seminar Series
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Anschutz

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

Professional Development

Professional Organizations

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

Participation

- 12/2025 Using NVIDIA GPUs with Python (A Workshop)
 NVIDIA Corporation
 Virtual
- 10/2025 Psychedelic Medicine and the Future of Mental Health Care (Webinar)
 Unbound Medicine, Inc.
 Virtual
- 10/2025 Perspectives of Academic Systems in Providing Neurological Care (Seminar)
 MJH Life Sciences Multimedia Medical LLC
 Aurora, CO
- 8/2025 University of Colorado-Rocky Mountain Advanced Computing Consortium
 (CU-RMACC) Artificial Intelligence (AI) Workshop
 University of Colorado Boulder
- 4/2025 Symposium on Nanomedicine and Nanosafety
 Skaggs School of Pharmacy and Pharmaceutical Sciences
 University of Colorado Anschutz

- 8/2024 CITI Health Information Privacy and Security for Clinical Investigators (Training)
Collaborative Institutional Training Initiative (CITI Program)
Virtual
- 8/2024 Group 1 Biomedical Investigators (Training)
Collaborative Institutional Training Initiative (CITI Program)
Virtual
- 2/2023 Light Scattering University & Eclipse (AF4/Dualtec) (Training)
Wyatt Technology Corporation
Santa Barbara, CA
- 6/2022 Freedom EVOware Standard (Training)
Tecan Group Ltd.
Morrisville, NC
- 12/2021 Liquid Filling (Training)
The Packaging School LLC
Virtual