

# Cameron Lowry

Email: [cameron.lowry@cuanschutz.edu](mailto:cameron.lowry@cuanschutz.edu)

Personal Website: [cameronlowry.com](http://cameronlowry.com)

GitHub: [github.com/lowrycam](https://github.com/lowrycam)

LinkedIn: [linkedin.com/in/lowrycam](https://linkedin.com/in/lowrycam)

Google Scholar: [scholar.google.com/citations?user=9w7i7oAAAAAJ](https://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  
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  
Orlando, FL  
**Poster** – Texture, particle, and rheometric analysis of precipitated polysaccharide

## Awards

---

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

## Community Outreach

---

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

## 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  
Aurora, CO

## 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
- 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
- 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
- 8/2024–12/2024 PHRD 7085: Pharmacotherapy 6  
Pharmacy Doctorate (PHRD) Course  
University of Colorado Anschutz  
Aurora, CO

## Workshops

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

## 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

## 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 (Event)  
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  
Boulder, CO
- 4/2025 Symposium on Nanomedicine and Nanosafety  
Skaggs School of Pharmacy and Pharmaceutical Sciences  
University of Colorado Anschutz  
Aurora, CO
- 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 (Course)  
The Packaging School LLC  
Virtual