

# Cameron Lowry

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## Education

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- 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

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- 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

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### 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

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### National

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

## Awards

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

## Community Outreach

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- 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

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- 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

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### 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

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- 7/2015–8/2015 28123: Laboratory in Chemical/Biochemical Engineering  
 28124: Summer Course in Chemical Process and Plant Design  
 Technical University of 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

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### 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
- 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
- 6/2022 Freedom EVOware Standard (Training)  
Tecan Group Ltd.
- 12/2021 Liquid Filling (Training)  
The Packaging School LLC  
Virtual