

# 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, 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

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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  
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

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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, 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

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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  
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**

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- 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**

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

## Publications

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### 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

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### 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

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### 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

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- 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

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- 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