

METEHAN CEBECI

Delaware | Cell: (302) 898-7129 | E-Mail: metehan@udel.edu

PROFILE

Motivated, detail-oriented, and entrepreneurial researcher with extensive experience in enzyme biochemistry, molecular biology, and bioinformatics. Demonstrated ability to design and execute biochemical assays, perform data analysis, and generate scripts for high-throughput workflows. Looking to use my experience to make discoveries, grow professionally, and develop technology for a company working at the cutting edge of research.

TECHNICAL TRAINING & PROFESSIONAL SKILLS

- **Techniques:** Protein purification, cloning, cell culture, cell based assays, SDS-PAGE, western blot, PCR
 - **Computational:** R/RStudio, Python, Geneious, Chimera, Cytoscape, MEGA, Bash, ImageJ, JMP, MYSTAT, Word, Excel, PowerPoint
 - **Instrumentation:** Light microscope, stereo microscope, GC-MS, GC-FID, PCR
-

EDUCATION

BioManufacturing — BioConnect DE, Newark, DE Jul. 2025
Certificate of Completion

University of Delaware — College of Arts & Sciences, Newark, DE May 2022
B.S. Biological Sciences (Honors with Distinction), GPA: 3.7

WORK EXPERIENCE

Stanford University ChEM-H Postbac Research Program — Standford, CA Sept. 2022 – Sept. 2024
Postbac Research Assistant, Gozani Lab

- Designed and performed experiments to characterize enzyme-substrate profiles and their roles in cancer.
- Performed cell-based assays to explore the role and therapeutic potential of enzyme inhibition in cancer model.
- Contributed to the field by presenting findings through paper drafts, presentations, and lab meetings.

Stanford Summer Research Program — Standford, CA Jun. 2021 – Aug. 2021
Research Assistant, Bhatt Lab

- Developed scripts to automate high-throughput analysis of bacterial genomes across large datasets.
- Identified thousands of putative small proteins in bacterial genomes and analyzed gene neighborhoods to predict protein function.

Unique Strengths Undergraduate Research Internship — Newark, DE Jun. 2020 – Aug. 2020
Research Assistant, Wommack Lab

- Developed scripts to automate processing and analysis of large viral metagenome dataset.
- Created and analyzed protein variant database cataloging genome-phenome relationships.
- Contributed to the field by presenting a poster through an online symposium.

Integrated Biology & Chemistry (iBC) Studio — Newark, DE Sept. 2019 – May 2020
Research Fellow

- Communicated and worked with preceptors to optimize learning experience for freshman iBC students.
- Worked with iBC students to plan their laboratory experiments, analyze their data, build scientific reasoning and communication skills, and improve content mastery in both biology and chemistry.

MakerGym Design and Fabrication Facility Maker — Newark, DE

Nov. 2019 – Mar. 2020

Mentor

- Fostered student entrepreneurship and facilitated access to MakerGym resources (e.g., 3D printers, laser cutter/engraver, wood workshop).
- Consulted students during their visit, serving as a resource for their research projects.
- Monitored students for safe practices and asset security.

Catalysis Center for Energy Innovation — Newark, DE

Jun. 2019 – Aug. 2019

Research Assistant

- Performed literature reviews to understand gaps in the field.
- Designed, performed, and optimized experiments with diverse conditions to improve catalytic efficiency.
- Obtained and analyzed compositional insights with GC-MS and GC-FID.

PRESENTATIONS

H3K36 Methylation Regulation in Health and Disease

Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS), Nov 2023

Discovery of Putative Duplicated Small Proteins in the Gut Commensal *Akkermansia muciniphila*

Stanford Summer Research Program Annual Research Symposium, Aug 2021

DNA Polymerase I Variants Indicate Oceanic Environments Contain Unknown Biochemical Diversity

University of Delaware 2020 Undergraduate Research and Service Scholar Celebratory Symposium, Newark, DE, Aug 2020

A Holistic Approach to Isocitrate Lyase

Cultivating Scientific Curiosity, QUBES Educational Resources, Jul 2020

Investigating Scandium Triflate for Acetylating Phenols

University of Delaware 2019 Undergraduate Research and Service Scholar Celebratory Symposium, Newark, DE, Aug 2020
