

# GUAN CHEN

gvanhchen.github.io | (646) 255-6596 | [gvanhc416@gmail.com](mailto:gvanhc416@gmail.com)

## RESEARCH TECHNICIAN | EXCEPTIONAL PRESENTATION SKILLS

Results-driven scientific research professional with experience in designing and conducting innovative research projects to advance understanding of membrane biology. Excels at communicating complex scientific information to diverse audiences. Exceptional data analysis and project management.

## EDUCATION & PROFESSIONAL DEVELOPMENT

### University of Texas at Dallas

Master of Science, Social Data Analytics and Research  
3.934 / 4.0

Jan 2024 – Present

Bachelor of Science, Biochemistry  
3.691 / 4.0

Aug 2019 – Dec 2022

### Presentations

- “The Role of Glycolipids in Streptococcus sp. 1643”. Poster presentation at the *American Society for Microbiology Fall Meeting*. Houston, Texas. November 2022
- “The Role of Glycolipids in Streptococcus sp. 1643”. Poster presentation at the *Summer Platform for Undergrad Research*. Richardson, Texas. July 2022
  - *SPUR Honors Presentation Award*

### Service

UTD Summer Biology Camp

2021

- Hosted by the Department of Biological Sciences at the University of Texas at Dallas
- 1 of 8 invited guest speakers among established researchers and educators in their respective fields
- Educated middle and high school students about career options in the biological fields

Pre-Veterinary Medicine Society

2019 – 2021

- President
- Social media manager and activity coordinator
- Organized events and meetings with student members and guest speakers

## PROFESSIONAL EXPERIENCE

University of Texas at Dallas, Richardson, TX

2022 – Present

Laboratory Technician

- Compiled, analyzed, and presented research data at meetings and conferences
- Performed statistical, qualitative, and quantitative analysis
- Recorded data and maintained source documentation following good documentation practices
- Proficient in the following methods: PCR, DNA extraction, plasmid extraction, lipid extractions, growth curves, MIC Etest, transformations, SOEing PCR, Gibson assembly, confocal microscopy, photospectroscopy, preparation of chemically defined media, and preparation of liquid and solid media
- Leading a team of undergraduate researchers to expand our understanding of “forever chemicals” in the body

### Certificates

Google Data Analytics Certificate

Jun 2024