

# GUAN CHEN

Allen, TX | Phone: (646) 255-6596 | Email: [guanhc416@gmail.com](mailto:guanhc416@gmail.com)

## LABORATORY 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 through presentations. Background includes data analysis and project management.

## EDUCATION & PROFESSIONAL DEVELOPMENT

**University of Texas at Dallas – Richardson, Texas**

**Master of Science, Social Data Analytics and Research**

Jan 2024 - Present

**Bachelor of Science, Biochemistry**

Aug 2019 – Dec 2022

3.691 / 4.0 GPA

### 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

Jul 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

Aug 2019 – Aug 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**

Jan 2022 – Present

Laboratory Technician

- Initiated research to explore functions of glycolipid anchors in *Streptococcus* sp. 1643
- 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
- Maintain high standards of cleanliness and safety in the laboratory environment
- 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