

# SHENG-ZHOU TAN

---

Columbia, MO • (713) 277-5658 • [tanshengzhou25@gmail.com](mailto:tanshengzhou25@gmail.com)  
[www.linkedin.com/in/sheng-zhou-tan-58083886/](https://www.linkedin.com/in/sheng-zhou-tan-58083886/)

---

## WORK EXPERIENCE

<b>Science Teacher, Columbia Public Schools</b> , Columbia, Missouri	August 2025 – Present
<b>Science Teacher, Jefferson Parish Schools</b> , New Orleans, Louisiana	August 2018 – July 2025
<b>Biology, Earth Science, Environmental Science, Physics Instructor</b>	2018 – Present
<ul style="list-style-type: none"><li>Developed and delivered science curricula for multiple science subjects by curricula mapping, designing assessments, and adaptation of scope and sequence to state learning standards.</li><li>Conducted needs assessment of students to evaluate impact of curriculum and instruction by analyzing assessment data of 100 students per semester, identifying target groups, and optimizing achievement plans.</li><li>Improved student academic growth with 80% of students meeting their learning targets.</li><li>Developed and implemented targeted student academic remediation plans by collaborating with colleagues from different departments and the school administration team.</li><li>Managed the needs and expectations of stakeholders (parents, students, and administration) through needs analysis and communication.</li></ul>	
<b>AP Biology Instructor</b>	2021 – 2023
<ul style="list-style-type: none"><li>Developed and delivered intensive AP Biology curriculum over a 50% shortened delivery timeline while still aligning with College Board AP instructional criteria.</li><li>Prioritized relevant biological science content by integrating scientist skills with content and streamlining supplementary materials over multiple standards.</li></ul>	
<b>Honors Biology Instructor</b>	2019 – Present
<ul style="list-style-type: none"><li>Developed and delivered differentiated content for honors students by elevating the rigor and depth of knowledge while increasing the complexity of the content.</li><li>Administered real life scenarios and simulations to students to promote higher-order thinking, inquiry, and discussion as future scientists.</li></ul>	
<b>ESL Designated Science Instructor</b>	2019 – 2024
<ul style="list-style-type: none"><li>Developed and delivered science curriculum to ESL students by incorporating accessible Non-English Language support and multi-tiered English language support, such as translations, subtitles, visuals aids, and vocabulary acquisition plans.</li><li>Collaborated with ESL Paraprofessionals to provide learning support for ESL students.</li></ul>	
<b>Mentor Teacher</b>	2021 – 2024
<ul style="list-style-type: none"><li>Trained and supported 3 new colleagues by observing content delivery, collaborating with ongoing plans, and providing meaningful feedback aimed towards improving classroom management and instruction.</li></ul>	
<b>Enrichment Instructor, UNO Upward Bound</b> , New Orleans, Louisiana	June 2022 – June 2025
<ul style="list-style-type: none"><li>Created and facilitated Science and Mandarin Chinese enrichment courses during weekends and summer.</li><li>Delivered scenario-based simulations, explorations, and games for over 50 students.</li></ul>	
<b>Science and Math Tutor, Think Tank Learning</b> , San Francisco, California	2015 – 2018
<ul style="list-style-type: none"><li>Made personalized learning and academic growth plans for over 30 clients.</li><li>Improved the SAT and ACT scores of over 30 clients.</li></ul>	

## **EDUCATION**

**Xavier University of Louisiana (XULA)**, New Orleans, Louisiana  
Masters of Arts in Teaching, Secondary Education (Biology), Class of 2020

2018 – 2020

**Texas A&M University (TAMU)**, College Station, Texas  
Bachelor of Science, Biomedical Sciences, Class of 2014

2010 – 2014

## **SKILLS**

- Virtual Teaching and Learning
- G Suite (Doc, Sheet, and Slide decks)
- Microsoft Suite (Word, Excel, Powerpoint, and Outlook)
- Learning Management Software
- Interactive Content Software (Peardeck, Canva, Nearpod)
- Curriculum development
- Assessment and evaluation
- Differentiated instruction
- Public speaking and presentation
- Needs analysis

## **LANGUAGE AND PERSONAL INTERESTS**

- Mandarin Chinese with fluency in speaking and proficiency in reading.
- Breakdancer of 19 years.
- Game Master for local table-top role playing games.