



Sofía Hidalgo

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EDUCATION



University of Texas at Dallas

Bachelor of Science, Biochemistry & Neuroscience in Research, Minor in STEM Education

Dallas, TX

Spring 2022

- Clubs and Societies: Neuroscience Student Association, Biochemistry Association, Delta Zeta Sorority (President, VP Programs), Undergraduate Success Scholars, Diversity Scholars, National Hispanic Leadership, Multicultural Center Leadership, Institute of Electrical and Electronics, WeTeach, UTD Tennis

SUMMARY

Driven Biochemistry and Neuroscience graduate with 4 years of laboratory and 3 years of teaching experience, combining strong scientific knowledge with hands-on research and data analysis skills. Proven ability to manage complex projects, ensure regulatory compliance, and communicate effectively across interdisciplinary teams. Eager to contribute to impactful clinical studies and advance evidence-based healthcare through meticulous coordination and a passion for discovery.

PROFESSIONAL EXPERIENCE



Success Academy High School of Liberal Arts

Science Teacher and Content Lead

New York, NY

July 2022-June 2025

- Designed, prepared, and delivered dynamic daily AP College Board Chemistry curriculum to cater 3 diverse cohorts of 160+ high achieving students, integrating innovative project based instruction and focused targeted methodologies for diverse learning.
- Administered and proctored AP Chemistry assessments, encompassing rigorous laboratory experiments, and delivery of constructive feedback to facilitate comprehensive breakdown of Free Response and Multiple Choice Question College Board exams.
- Analyzed bi weekly assessments, weekly assignments, and student progress to develop detailed trimester data driven reports used for debriefing performance and progress.
- Maintained open communication with families about scholar academic standing, behavior, and progress.
- Selected to represent the school as a liaison to the Board of Trustees, where I delivered data-driven presentations highlighting student academic growth, instructional outcomes, and alignment with network-wide strategic goals; collaborated with leadership to translate findings into actionable initiatives for continuous improvement.
- 2024 Excellence Award for Fast Adult Change and Insistence.



Center For Brain Health

Adolescent Reasoning Initiative Research Assistant

Dallas, TX

August 2021-January 2022

- Managed the successful implementation of Strategic Memory Advanced Reasoning Tactics cognition program across K-12 Dallas ISD schools.
- Collected, evaluated, and synthesized in depth- analysis of assessment data for scientific publication and dissemination of critical research findings.
- Collaborated with interdisciplinary teams to ensure accurate data analysis and program fidelity.



Callier Center for Communication Disorders

Neurolinguistics Research Assistant

Dallas, TX

August 2020-August 2021

- Designed and executed experimental protocols for neurodevelopmental clinical research, focusing on language acquisition in bilingual children.
- Recruited participants, collected LENA technology and EEG data and analyzed them through epoching.
- Investigated the cognitive and neurological foundations of language and learning, contributing to a broader understanding of neurolinguistic development.

SKILLS AND INTERESTS

Technology: MATLAB, LENA Software, EEG Epoching, Google Analytics, WordPress, Excel Macros, MS Word, MS Powerpoint, Adobe Acrobat

Certifications: Social and Behavioral Research Practices, 7-12 Texas Teaching Certification, Moral & Ethics Philosophy Certification. Philosophy of Aesthetics, History of Ancient and Greek Philosophy Certification

Languages: English and Spanish Proficient

Interests: Tennis, F1, Philosophy, Memory and Cognition, Education