

Stephanie Lewis

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Professional Experience

Royse City ISD, Royse City, TX - *Royse City High School Chemistry Instructor - 2020-present*

- Created instructional videos, digital scaffolded practice assignments and digital based assessment projects for use in virtual and in person learning for virtual/hybrid and in-person platforms in Honors and AP Chemistry
- Wrote the Safety Protocol Plan for Chemistry Laboratory Investigations for the district

Rockwall ISD, Rockwall, TX - *High School Science Dept. Lead/Chemistry Instructor, Aug. 2013-May 2020*

- Led Chemistry team to plan curriculum for a balanced program of instruction, laboratories to provides students with opportunities to observe, question and investigate in on-level, Honors and AP Chemistry
- Served as Science Dept. Lead for 15+ teachers, managed inventory, mentored teachers
- Served on curriculum writing teams to construct district wide chemistry curriculum guidelines and resources

Boles ISD, Quinlan, TX - *Boles Middle School 7th-8th grade Science Instructor, Aug. 2003 - May 2013*

- Developed and instructed curriculum for 7th and 8th grade science students of all levels that incorporated both challenging and engaging educational experiences
- Originated a middle/high school robotics program for the competition, BEST
- Created Pre-Engineering course based on project based learning, engineering design process and incorporated the Future City Competition

Sandoz Agro Corporation, Farmers Branch, TX - *Analytical Scientist, June 1991-Nov. 1995*

- Developed and wrote the Standard Operating Procedures used by Sandoz Agro for purification and analysis methods of active ingredient standards for International Operational Standards purposes
- Established the Test and Control procedures and records for the use and distribution of certified standards as per Environmental Protection Agency requirements.
- Purified pesticide active ingredients used in commercial products for standardization purposes using distillation.
- Analyzed and certified purity of standards for national and international sale using Gas Chromatography and High Pressure Liquid Chromatography.

Education

Texas A&M University - Commerce, Commerce, TX - *M.S. Chemistry Candidate 2020-present*

- GPA: 3.9 with 18 credit hours earned for dual credit instructional purposes

University of Texas at Arlington, Arlington, TX - *M.Ed. Curriculum and Instruction Science Education Dc. 2011*

- Relevant Coursework: Research Project - Evaluation of Instructional Strategies on Intrinsic Motivation of Middle School Science Students

Texas Woman's University, Denton, TX - *American Chemical Society Accredited B.S. in Chemistry May 1991*

- GPA: 3.49

Awards

Rockwall High School 2019-2020

- Nominated Secondary Teacher of the Year

Boles Middle School 2006-2007, 2010-2011

- Awarded Secondary Teacher of the Year twice

Sandoz Agro Corporation 1995

- Awarded Sandoz Agro, Alpha Award for role in international registration of 99% pure Methoprene

Certificates

- Texas Educator Certificate Science 4-8 and 8-12