






Shiloh Starnes

SECONDARY SCIENCES & CHEMISTRY INSTRUCTOR

 214 263 1048

 shiloh.starnes@gmail.com

 2208 Greenville St.
Caddo Mills, Texas, 75135

EDUCATION

MASTERS of SCIENCE, CHEMISTRY

Texas A&M- Commerce
2016 - 2017

BACHELORS of SCIENCE, BIOLOGY

Texas Tech University
2008 - 2010

ASSOCIATES of ARTS & SCIENCE,
Texarkana Community College
2003 - 2006

ASSOCIATES of BIOLOGY,
Texarkana Community College
2003 - 2006

TEACHING CERTIFICATIONS

Life Science (8-12) - exp. 7.31.25

Chemistry (8-12) - exp. 7.31.25

Gifted & Talented - Annual Renewal
since 2015

Chemical Safety - CHEM 597 & OSHA
training

PROFESSIONAL PROFILE

"The truth is we all achieve greatness. The only difference is the size of our audiences"
~ Jomny Sun

As a science instructor of 8 years, I have achieved many things on my educator bucket list: from the first years of discovering my educational pedagogy and effective instructional methods, balancing curriculum with effective feedback to students, parents and administrators through various technologies, to teacher of the year 2018, and Most Influential Teacher by students at Royse City High School & Caddo Mills High School. Despite having a fulfilling career thus far, I am inspired & excited every year I am blessed to continue teaching, with each new set of individuals to share my love of science with and help them achieve their own greatness in the classroom, building not only a foundation for content based on their learning needs & differences but more importantly their confidence in my classroom.

EXPERIENCE

BIOLOGY/PRE-AP BIOLOGY/AP BIOLOGY INSTRUCTOR

Commerce High School, Commerce, Texas | July 2020 – Present

This is a secondary school position teaching grades 9-12 at the various levels of biology offered at the high school in Commerce, Texas.

- Biology- students are expected to learn the curriculum as outlined by the Texas Essential Knowledge & Skills (TEKS) in preparation for the State of Texas Assessment of Academic Readiness (STAAR) exam. Duties include preparing the curriculum, assessments, and labs for both face to face and online learners. Additional responsibilities include Professional Learning Communities (PLC) meetings regularly, twice a week mandatory STAAR tutorial sessions during the lunch "power hour", and effective communication with all parties involved with the students' success based on their individual learning plan including the student, parent/guardians, administrators, counselors, and any other professional on campus involved in their success.
- Pre-AP Biology- includes all responsibilities listed above with the addition of a pre advanced placement curriculum to prepare students to not only be successful on their STAAR exam, but to move forward to the Advanced Placement (AP) Biology course and exam in the following years.
- AP Biology- includes all listed above responsibilities EXCEPT these students have already mastered the STAAR exam and are preparing for the AP Biology Exam. Students adhere to the AP curriculum as outlined by the college board including the labs required for successful completion of the course. I was also responsible for writing the AP biology syllabus, designing the curriculum and getting it approved by the college board prior to the start of classes in the fall of 2020.

EXPERTISE

Google Apps	Quizlet
Chromebooks	YouTube
GoFormative	Notability
Weebly	Remind
EdPuzzle	Microsoft Apps
FlipGrid	Adobe Photoshop
Quizizz	Adobe Elements

ACHIEVEMENT

TEACHER OF THE YEAR

Caddo Mills High School
2018 - Caddo Mills, Texas

MOST INFLUENTIAL TEACHER

Caddo Mills High School- Fab Foxes
2018 -Caddo Mills, Texas

MOST INFLUENTIAL TEACHER

Royse City High School, Softball
2014 - Royse City, Texas

EDUCATION FOUNDATION GRANT AWARD 2017 (x2)

Caddo Mills High School
2017 -Caddo Mills, Texas

EDUCATION FOUNDATION GRANT AWARD 2016

Caddo Mills High School
2017 -Caddo Mills, Texas

INTERESTS

Family
Science Current Events
Nature
Camping
Kayaking
Hiking
Cooking
Crafting (small & large scale projects)

EXPERIENCE -CONTINUED-

CHEMISTRY/PRE-AP CHEMISTRY/AP & DC CHEMISTRY INSTRUCTOR

Prestonwood Christian Academy, Plano, Texas| July 2018 – June 2020

- In addition to traditional secondary educational responsibilities as required by the state & district levels, this was a private institution with additional duties. The dual credit course was taught through Texas Women's University of Denton, Texas.
- Instructors also were assigned advisory groups that met weekly after chapel services for instruction, guidance, social/emotional or to meet the academic needs of the students.
- Additional training and workshops provided around Christian teaching, and developing an environment for students that fostered their growth & success despite their own personal beliefs and backgrounds, extending beyond the content. Multiple times a year, we were involved in community service projects as part of the curriculum for all students including an entire week prior to spring break where students were sent literally world wide to serve.
- Specific to the science department, we were actively involved with the S.T.E.M program, attended the CAST conference, as well as an Intelligent Design conference. We met regularly to discuss ways to enhance and incorporate the importance of science, making it more engaging, and to inspire our students by keeping up with current events and people in science (to show the diversity of who can be successful in science... everyone! Regardless of race, gender, or socio-economic background).

CHEMISTRY/HONORS CHEMISTRY/DC CHEMISTRY INSTRUCTOR

Caddo Mills High School, Caddo Mills, Texas | July 2015 – June 2018

- This position included all traditional secondary educator responsibilities as required by the state and district. The dual credit course was taught through Texas A&M University- Commerce, Commerce, Texas.
- The first year at Caddo Mills High School (CMHS), I was also the varsity cheer sponsor. I resigned this responsibility to focus on my Masters courses the following year.
- During my time at CMHS, I also provided teacher training to other educators on online educational platforms such as: EdPuzzle, Quizlet, Quizizz, Google (everything from mail to docs, to files & slides), Remind, Exit Ticket, and my personal favorite even to this day GoFormative.
- I also during this time developed visual notes & curriculum for the chemistry courses. Materials were available virtually as I had platforms such as a Youtube channel for the course, website, as well as the Google classroom & Goformative sites as well.

CHEMISTRY/ANATOMY & PHYSIOLOGY INSTRUCTOR

Royse City High School, Royse City, Texas | July 2013 – June 2015

- This was my first two years teaching, and I had the opportunity to learn and model various instructional strategies. This included their first one to one initiatives as the campus implemented online curriculum in a flipped classroom model. They hired the device's company tech support who set up office in the prep-room or in my classroom depending on what activity with the devices we were implementing. It was new, different, uncharted territories and despite being the new teacher, I welcomed it with open arms. I am always up for a challenge and learning to work with my students whatever the environment may be.

REFERENCES

JENNY HODNETT

Science Instructor & Dept. Head
Caddo Mills High School
903-413-4989
jhodnett@caddomillsisd.org

KAELA CRUMPTON

Science Instructor & Former Dept.
Head RCHS
Caddo Mills Middle School
469-323-8278
kaela.crumpton@gmail.com

SARAH MORRISON

Secondary Math & DC Instructor
Caddo Mills High School
903-450-3617
smorrison@caddomillsisd.org

TOM WEST

Department Head of Chemistry
Texas A&M Commerce
903-886-5381
thomas.west@tamuc.edu

Note: you are more than welcome to
contact my current principals, department
head or mentor teacher as well:

STEVE DRUMMOND

Principal
Commerce High School
903-517-0792
steve.drummond@commerceisd.org

ROGER BROWN

Assistant Principal
Commerce High School
903-366-2792
roger.brown@commerceisd.org

COLTON REYNOLDS

Science Department Head
Commerce High School
903-491-1215
colton.reynolds@commerceisd.org

JENNIE REYNOLDS

Science Instructor & Mentor
Commerce High School
903-413-4667
jennie.reynolds@commerceisd.org

EXPERIENCE - CONTINUED -

QUALITY CONTROL LABORATORY TECHNICIAN

Fluid Solutions Technology Incorporated, Greenville, Texas | Jan 2011 – July 2012

- Quality Control Lab Tech responsibilities included but were not limited to the following: collecting samples at various production points in the manufacturing of sodium hypochlorite & hydrochloric acid, testing various concentrations of chemicals present at each point to assure correct final desired concentrations. Reporting to the Control Technician to make sure adjustments were made accordingly. Recording all data and repeating hourly. Additional samples were analyzed per request to ensure quality before leaving the plant.
- In addition to these responsibilities, I designed the excel data management and calculation program to ensure accurate and fast results to the control room and plant manager for monitoring. I was also responsible for rewriting and writing the Standard Operating Procedures (SOP) manual for the company, which I continued to do even post employment on an as needed basis for another year while getting my teaching certification.

UNDERGRADUATE RESEARCH TECHNICIAN

Texas Tech University, Lubbock, Texas | Jan 2010 – May 2010

- Worked closely with Dr. Tigga Kingston in the biology department, her specific field of study were bats at that time.
- My primary responsibilities were documenting feeding patterns and analyzing vocal communication signals and frequency patterns.

REU PROGRAM INTERN

Texas A&M-Commerce, Commerce, Texas | May 2006 – Aug 2006

- Worked in a research lab synthesizing porphyrin anion receptors. This research led to the following publication:
- MariJo Wienkers, Josmalen Ramos, Hikma Jemal, Chaz Cardenas, Paul Wiget, Alfreda Nelson, Shiloh Free, Jun Wu, Rebecca Roach, Marius Vulcan, Kristopher Waynant, Kyle Fort, Anna Vladimirova, Jeffery Sun, Samuel Eli Hunt, Dmitry M. Rudkevich, Stephen D. Starnes "Enhanced Shape-Selective Recognition of Anion Guests through Complexation- Induced Organization of Porphyrin Hosts," Org. Letters, 2012, 14, 6, 1370-1373.

PROFESSIONAL DEVELOPMENT

Note: Annual mandatory training may not be listed, but most recent can be provided upon request. This list only contains the most recent 5 years of professional development.

SEIZURE TRAINING FOR SCHOOL PERSONNEL

Epilepsy Foundation
June. 2020 – Online Training

CYBERSECURITY TRAINING PII

Technology Assets, LLC
June. 2020 – Online Training

DIGITAL LEARNING CONNECTIONS

Commerce ISD
Aug.. 2020 – Commerce, Texas

EDPUZZLE CERTIFICATION 1

EdPuzzle.com
Aug.. 2020 – Online Training

PROFESSIONAL DEVELOPMENT CONT.

EDPUZZLE CERTIFICATION 2

EdPuzzle.com

Aug.. 2020 – Online Training

SHELTERED INSTRUCTION

Region 10

Jan.. 2021 – Online Training

GIFTED & TALENTED FOUNDATIONS

Region 10

Sept. 2016 – Dallas, Texas

OUTDOOR INQUIRY LEARNING

Region 10 & Cedar Hill State Park

June. 2017 Cedar Hill, Texas

DALLAS ARBORETUM CHILDREN'S ADVENTURE GARDEN

Region 10 & The Arboretum

June 2017 –Dallas, Texas

TEKS Resource System Overview

Caddo Mills ISD

Aug. 2017 – Caddo Mills, Texas

ENGLISH LANGUAGE PROFICIENCY STANDARDS

Caddo Mills ISD

Aug.. 2017 Caddo Mills, Texas

GRANT WRITING WORKSHOP

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

S'MORE

Caddo Mills ISD

Oct.. 2017 Caddo Mills, Texas

SYMBALOO

Caddo Mills ISD

Oct.. 2017 Caddo Mills, Texas

PINEAPPLE CHART

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

HOW TO HACK STAAR BIOLOGY

Lowman Consulting LLC

March.. 2021 – Online Training

CAST CONFERENCE

Science Teacher Association of Texas

Nov.. 2019 – Dallas, Texas

SHELTERED INSTRUCTION

Caddo Mills ISD

Aug. 2017 –Caddo Mills, Texas

IN SERVICE TRAINING

Caddo Mills ISD

Aug. 2017 – Caddo Mills, Texas

GOOGLE FORMS

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

POSTER MY WALL

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

LEARNER LED WORKSHOP

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

GOOGLE DRIVE

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

GOOGLE CALENDAR

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas

ATA ANALYSIS IN EDUPHORIA

Caddo Mills ISD

Oct.. 2017 Caddo Mills, Texas

RTI CARE TEAM

Caddo Mills ISD

Sept.. 2017 Caddo Mills, Texas