

SHAWNDA L. KUMRO

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EDUCATION

Texas A&M University - Kingsville

M.S. in Biology

2012

Thesis: "Injection Plastination: a Low-Tech, Inexpensive method for Silicon Preservation of Small Vertebrates"

Texas A&M University - Kingsville

B.S. with honors in Biology

2006

TEACHING EXPERIENCE

Texas A&M University, Kingsville, TX

2013 - Present

Lecturer/Freshman Laboratory Coordinator, Department of Biological & Health Sciences

Direct supervision of 12-16 laboratory teaching assistants

Responsibilities include:

- Hire, supervise and train laboratory teaching assistants for lower division Biology teaching laboratories
- Develop and implement laboratory teaching assistant workshop
- Lecture Life Science course and laboratory
- Course and curriculum development for general biology, human anatomy & physiology and life science teaching laboratories
- Monitor, maintain and evaluate computers, audio-visual and lab equipment, coordinate repairs with appropriate parties as needed.
- Procure, store and inventory materials and supplies for undergraduate teaching labs, including hazardous chemicals and collection of live specimens as needed.

Lecture courses taught: Life Science

Laboratory courses taught and supervised: Life Science, General Biology I & General Biology II

Texas A&M University, Kingsville, TX

Teaching Assistant to Dr. Norwine in "Meteorology Laboratory"

2004-2005

Collaborated on curriculum and exam development, taught weekly labs, met with students upon request and graded all written work, including final exams.

RELATED EXPERIENCE

Texas A&M University – Kingsville

Staff Lab Coordinator

October 2006 – 2012

- Coordinate, organize and set up lab activities for all general biology I and II, human anatomy & physiology I and II, and microbiology labs.
- Collaborate with faculty to prepare all general biology I and II, human anatomy & physiology I and II syllabi and experiments.
- Assist in development and integration of new laboratory curriculum to support lecture classes including use of digital teaching and adaptive learning technology.

- Supervise lab teaching assistants to meet instructional lab objectives and provide training in usage of lab equipment.
- Prepare, organize and set up freshman biology labs.
- Procure, store and inventory materials and supplies for all undergraduate teaching labs, including hazardous chemicals and collection of live specimens as needed.
- Monitor lab safety compliance for the department and ensure lab students complete university lab safety training.
- Monitor, maintain and evaluate computers, audio-visual and lab equipment, coordinate repairs with appropriate parties as needed.
- Monitor and provide care for specimens in vivarium.

PUBLICATIONS AND PAPERS

Kumro SL, Crocker AV, Powell RL (2013) Injection Plastination: A Low-Tech Inexpensive Method for Silicone Preservation of Small Vertebrates. Journal of Plastination 25(1):12-17.

PROFESSIONAL DEVELOPMENT, CERTIFICATES AND TRAINING

APPLYING THE QUALITY MATTERS RUBRIC (APPQMR) CERTIFICATE	2023
ACUE CERTIFICATE in Effective Instruction Association of College and University Educators 25-module course in effective teaching practices requiring the implementation of evidence-based instructional approaches.	2022
TEXAS A&M UNIVERSITY-KINGSVILLE DISTANCE EDUCATION CERTIFICATION	2020