

JAIME ANN MCQUEEN, Ph.D.
4234 Rapids Drive • Corpus Christi, TX 78410
(361)236-9159 • Jaime.McQueen@gmail.com

Professional Education, Research, and Instructional Design Portfolio: <http://www.jaimemcqueenphd.com>

EDUCATION AND CERTIFICATIONS

Ph.D. - Curriculum and Instruction

Texas A&M University-Corpus Christi, Corpus Christi, Texas 5/2017

Instructional Design emphasis.

Science Teacher Education emphasis.

Dissertation: "*The effects of biology lab delivery mode on academic achievement in college biology*".

M.S.Ed. - Instructional Design and Educational Technology

Texas A&M University-Corpus Christi, Corpus Christi, Texas 12/2011

B.S. - Biology

Texas A&M University-Corpus Christi, Corpus Christi, Texas 12/2008

Marine Biology/Field Biology emphasis.

Texas Teacher Certifications

State Board of Educator Certification

Science (Grades 8-12)

Special Education Supplemental (Grades 8-12)

SKILLS AND QUALIFICATIONS

- Curriculum and Instruction- *Science Education and Instructional Design/Technology specialization*
- Education/Scientific research and publication experience
- Education / Technology training and assessment design, development, and evaluation experience
- Extensive knowledge of Federal and State educator/student standards and reporting (*TEKS, NGSS, STAAR, ISTE, TEDS, TAPR*)
- Quantitative, Qualitative, and Mixed Methods research methodologies
- Program evaluation, design, and implementation experience
- Project Management /Collaboration/Communication experience (*face-to-face and distance based*)
- Federal, State, and District level grant and report writing experience (*National Science Foundation [NSF], District improvement plans, Campus improvement plans*)
- Science Education/Curriculum Design experience
- SPSS/ Statistical data analysis, collection, management, and reporting experience
- Academic/ Professional conference presentation experience
- Educational Technology and Instructional Design experience (*Online course design, instructional app design*)
- Educational software (*Adobe eLearning Suite, Creative Cloud Software/Articulate Storyline, Studio, Presenter/Camtasia, Google Apps, MS Office*)
- Experience and research in special learning populations (*504, Special Ed., GT, At-Risk, military youth, ESL, SES*)
- Mobile/Web Application and website Design and Development
- Computer programming and support experience

TEACHING EXPERIENCE

Tuloso - Midway ISD

High School Science Teacher

Corpus Christi, TX

7/2009-5/2016

- Instructed 9-12 grade students in required science courses for graduation (Aquatic Science, Anatomy and Physiology, Biology, Chemistry, Integrated Physics and Chemistry, and Physics). Implemented and designed science based curriculum, laboratory activities, and instructional technology materials in the classroom. Collaborated with faculty to serve the needs of a diverse student population. Increased student standardized test scores in Science.

RESEARCH EXPERIENCE

Texas A&M University - Corpus Christi

Graduate Research Assistant

Corpus Christi, TX

8/2015-5/2016

- Served as a doctoral research assistant in the college of education and human development; helped to organize, promote, and facilitate the Coastal Bend Regional Science Fair. Analyzed relevant data and published reports. Collaborated with local school districts, colleges, and universities to foster student participation and success in regional, state, and international science fairs.

Texas A&M University - Corpus Christi

Graduate Research Assistant

Corpus Christi, TX

6/2014-6/2016

- Served as a doctoral research assistant in the office of distance education and learning technologies; performed quantitative and qualitative data analysis. Collaborated in writing NSF funded research publications. Served as an instructional design project manager and worked with a team on an instructional design and development project to convert a face-to-face genomics ethics course at Texas A&M University-College Station into an online openly distributed Massive Open Online Course (MOOC).

University of Texas - Marine Science Institute

Student Research Assistant

Corpus Christi, TX

11/2006-3/2007

- Served as a student mariculture researcher, studying the endocrinology and reproductive habits of the Atlantic Croaker (*Micropogonias undulatus*) and Cobia (*Rachycentron canadum*). Performed scientific procedures including: Polymerase Chain Reaction (PCR), Aquaculture, specimen examination and collection, hydrological testing and tank maintenance, and operation of laboratory equipment. Collected, analyzed, and reported project relevant data.

RELATED PROFESSIONAL EXPERIENCE

Flour Bluff ISD

Campus Technologist

Corpus Christi, TX

8/2008-5/2009

- Developed faculty, staff, and students' capabilities at Flour Bluff Junior High with computer software, hardware, and networking. Provided computer lab testing and instructional software setup. Trained faculty to use instructional programs and media.

Texas A&M University-Corpus Christi

*Faculty Hardware/ Software Support
Technician*

Corpus Christi, TX

5/2006-6/2008

- Performed software/ hardware maintenance on faculty and staff computers. Implemented troubleshooting skills to quickly resolve software and hardware related issues. Trained faculty and staff in basic computer skills and software use.

Texas A&M University-Corpus Christi

*Faculty Computer Technical Support
Helpline Technician*

Corpus Christi, TX

2/2005-5/2006

- Assisted faculty and staff by troubleshooting technology related issues over the phone. Collaborated to maintain an online work-order database used for logging calls which required in-person technical support, ordering software and technology, and registering hardware.