

Jaime Ann McQueen, Ph.D.

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Professional Instructional Design and Education 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.

Certifications

Consortium for School Networking
Certified Education Technology Leader (CETL),
Expected 12/2017

Texas State Board of Educator Certification
Science (Grades 8-12)
Special Education Supplemental (Grades 8-12)
Gifted and Talented Supplemental, Expected 11/2017

SKILLS AND QUALIFICATIONS

- Curriculum and Instruction- *Science Education and Instructional Design/ Technology specialization*
- Science Education/Curriculum Design
- Assessment design, development, and evaluation
- Extensive knowledge of Federal and State educator/student standards and reporting (*TEKS, NGSS, STAAR, ISTE, TEDS, TAPR*)
- Experience and research in special learning populations (*504, Special Ed., GT, At-Risk, military youth, ESL, SES*)
- Program evaluation, design, and project management experience
- BlackBoard/ Online / LMS course design
- Laboratory instruction and management experience
- Educational Technology experience
- Science and Education research experience
- Mobile/Web Application and website Design and Development (*Corona SDK, jQuery, Ruby on Rails, PhoneGap Build, Flash Builder, Dreamweaver, Business Catalyst, Muse*)
- Programming languages (*HTML 5, javascript, C++, ActionScript, CSS, Visual Basic*)

TEACHING EXPERIENCE

Tuloso - Midway ISD Corpus Christi, TX
High School Science Teacher 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 Corpus Christi, TX
Graduate Research Assistant 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 Corpus Christi, TX
Graduate Research Assistant 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 Corpus Christi, TX
Student Research Assistant 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 Corpus Christi, TX
Campus Technologist 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 Corpus Christi, TX
Faculty Hardware/ Software Support Technician 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 Corpus Christi, TX
Faculty Computer Technical Support Helpline Technician 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.