

JAIME ANN MCQUEEN, Ph.D.

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

Professional Instructional Technology & Educational Research 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 Technology and Instructional Design emphasis.

Science, Technology, Engineering, and Mathematics (STEM) Education emphasis.

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

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

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 (higher education/K-12) education experience- *Instructional Technology/Design and STEM Education specialization*
- Instructional Technology/Academic/Professional Development program and Needs Analysis/Assessment planning, design, implementation, and evaluation experience [higher education/K-12] (*ADDIE, Agile, ARCS, eLearning, Iterative Process, Lean, Makerspace, SAMR Model, and World Café*)
- Extensive knowledge of Federal, State, and Local Technology Applications educator/student standards, planning, implementation, and reporting (*E-Rate, ePlan, ISTE, NGSS, STAAR, STAAR Chart, TAPR, TCEA, TEDS, TEKS, TPESC, USAC-Schools and Libraries Program*)
- Expert knowledge and support of DMAC Solutions and other Federal and State educator/student data systems (*AEIS, TPESC, TAMS, TAPR, TEDS, TEKS, TSDS, STAAR*)
- Management and Organization of Instructional Technology, Academic, and Research Programs (*Technology Support; Program budgets, equipment/materials, personnel, records, scheduling; STEM Curriculum, college-readiness, enrichment, and special education programs*)
- Strong Instructional Technology/Educational Research project collaboration and communication skills and experience (*face-to-face, distance/remote, verbal, web conferencing, and written*)
- SPSS/Data analysis, collection, management, and reporting experience (*Quantitative, Qualitative, and Mixed Methods methodologies*)
- Expert Instructional Technology integration knowledge, management and support experience (*Computer learning products, computer hardware /software and peripherals, digital curriculum, electronics, e-mail, AV equipment, Augmented/Virtual Reality/Simulation Applications, Robotics, Security, and Telecommunications*)
- Expert Instructional Application software knowledge, integration and support experience (*Adobe eLearning Suite/ Creative Cloud Software, Adobe applications; Articulate Storyline, Studio, Presenter/Camtasia; Google Edu Apps; Student and financial systems; MS Office; e-mail; and Cloud Computing*)
- Instructional Technology/Education Grant writing, Research presentation and publication experience (*National Science Foundation [NSF], Technology/Education plans, AECT, TAAE, SERA, Pathways research symposium*)
- Expert knowledge and support experience in Mobile/Web Application, Computer Programming, Instructional software, and website design and development (*ActionScript, Corona SDK, CSS, HTML 5, jQuery, Ruby on Rails, Starling, PhoneGap Build, Flash Builder, Dreamweaver, Business Catalyst, Muse*)
- Advanced Blackboard/Online/LMS instructional design knowledge and support experience (*AICC, Copyright Law, SCORM, OLC, QM, Section 508 Compliance*)

RELATED PROFESSIONAL EXPERIENCE

Texas A&M University - Corpus Christi

Corpus Christi, TX

Graduate Research Assistant

6/2014-6/2016

- Implemented instructional technology, curriculum planning, and research skills; worked with a diverse multi-institutional team 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). Served as an instructional technology project manager, organized and maintained program budgets, equipment/materials, personnel, records, and scheduling. Used expert knowledge of instructional technology and online learning standards to design and provide professional development training to faculty and students in technology integration and use of course specific application software. Analyzed and assessed course design needs and progress, assisted faculty in understanding data. Collaborated in writing project reports for NSF grant funding, and authoring and presenting professional research publications and conference presentations.

Texas A&M University - Corpus Christi

Corpus Christi, TX

Graduate Research Assistant

8/2015-5/2016

- Assisted in planning, organizing, promoting, and facilitating the Coastal Bend Regional Science Fair. Implemented project management skills to direct and supervise the work of science fair volunteers and staff. Demonstrated leadership and STEM curriculum design skills through delivery of instructional technology training for Local Education Agencies (LEAs), staff, and students and their families in: use of the Scientist online student project registration database; instructional technology integration; authoring science fair project reports; and understanding local, state, national, and international science fair participation requirements. Analyzed and assessed STEM curriculum and professional development program data and funding to assist LEAs in the design of instruction. Supervised, maintained, and managed the science fair schedule, budget, and ensured publication of records and reports.

Tuloso - Midway ISD

Corpus Christi, TX

Instructional Technology Facilitator/

7/2009-5/2016

High School Science Teacher

- Served as a campus instructional technology facilitator, planned, designed, implemented, and evaluated science curriculum, college-readiness, special education, and STEM programs. Designed and delivered grade 9-12 science based curriculum, laboratory activities, and instructional technology materials in the classroom. Planned and implemented instructional technology professional development, training, and support materials to assist staff in the use of DMAC solutions, Odysseyware, eSped, and other software applications; and to support implementation of instructional technology in the classroom. Analyzed and assessed campus instructional technology, professional development, and STEM curriculum needs and progress; assisted district personnel in authoring campus and district improvement plans. Maintained STEM and technology related budgets and records; ordered science equipment/materials. Collaborated with campus faculty and staff to integrate STEM curriculum and instructional technology and design a student information database. Increased students' success in STEM related state assessments and coursework, and served the instructional needs of a diverse student population.

Flour Bluff ISD

Corpus Christi, TX

Campus Technologist

8/2008-5/2009

- Managed campus instructional technology and support, developed a technology plan to meet the instructional and administrative program needs of the campus, district, and community. Developed faculty, staff, and students' capabilities through design and delivery of professional development training and provision of support in: DMAC solutions; computer software, hardware, programming, and systems maintenance; instructional application software; digital curriculum; e-mail; networking; and audiovisual equipment. Assisted faculty and staff with the implementation of instructional technology in the classroom, including use of technology program standards to design instruction and acquire technology funding and equipment. Frequently analyzed and assessed campus instructional technology needs and progress, and reported relevant data. Maintained budgets, related grants, and schedules to ensure acquisition of campus technology and support objectives.

RELATED PROFESSIONAL EXPERIENCE (Cont.)

Texas A&M University-Corpus Christi

Corpus Christi, TX

Faculty Hardware/Software Support

5/2006-6/2008

Technician

- Used specialist and troubleshooting skills to efficiently respond to work-orders and provide technology support through software/hardware maintenance on faculty and staff computers. Developed and delivered instructional technology professional development for faculty and staff, provided face-to-face and telephone based skills training in computer hardware and software use. Analyzed and assessed client technology support needs, effectively communicated to provide coordinated assistance. Collaborated with computer support helpline, media services, network services, and telecommunications departments to ensure the technology support objectives of the Information Technology department were met.

Texas A&M University-Corpus Christi

Corpus Christi, TX

Faculty Computer Technical Support Helpline

2/2005-5/2006

Technician

- Implemented specialist skills to assess client needs, provided phone-based support and instructional technology training in: computer hardware and software, networking, e-mail, technology systems, and university student and financial systems. Evaluated and monitored client support and schedules, registered and ordered hardware and software, and maintained an online work-order database to ensure efficient operation of the helpdesk. Collaborated with computer hardware/software support, media services, network services, and telecommunications departments to ensure the technology support objectives of the Information Technology department were met.