

Jaime Ann McQueen, Ph.D.

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Professional Curriculum and Instruction & 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

Gifted and Talented / Science Education emphasis.

Educational Technology 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

Texas State Board of Educator Certification

Science (Grades 8-12)

Gifted and Talented Supplemental, Expected 9/2017

Special Education Supplemental (Grades 8-12)

SKILLS AND QUALIFICATIONS

- Curriculum and Instruction/K-12 education experience- *Gifted and Talented Education, Science Education, and Educational Technology specialization*
- Expert knowledge of Advanced Academic program requirements (*Pre/ Advanced Placement, College Board, credit by exam, Distinguished Achievement Plan, dual-credit courses, International Baccalaureate*)
- Expert knowledge of Advanced Academic legislation at Federal, State, and local levels (*Javits Act, state assessments, Texas Performance Standards Project*)
- Strong Academic and Educational Technology Project Management /Collaboration/Communication skills and experience (*face-to-face, distance/remote, and web conferencing based*)
- Federal, State, and District level grant and report writing experience (*National Science Foundation [NSF], District improvement plans, Campus improvement plans, Education and Technology plans*)
- Academic program management experience (*Budgets, college readiness program, educational teams, science curriculum program, special education program*)
- Academic and Educational Technology program plan needs analysis, design, development, evaluation, and integration experience [higher education/K-12 learning environments]
- Experience and research in special learning populations (*Advanced academics, 504, Special Ed., Gifted and Talented, At-Risk, military youth, ESL, SES*)
- Curriculum design and evaluation experience [higher education/K-12 learning environments]
- Assessment design/Data analysis, collection, management, and reporting experience (*Quantitative, Qualitative, Mixed Methods methodologies*)
- Educational research presentation and publication experience (*AECT, TAAE, SERA, Pathways research symposium*)

RELATED PROFESSIONAL EXPERIENCE

Texas A&M University - Corpus Christi

Corpus Christi, TX

Graduate Research Assistant

6/2014-6/2016

- Implemented instructional design and educational technology skills, performed quantitative and qualitative data analysis. Collaborated in writing NSF grant funded project reports and monitoring instructional technology project needs and progress. Served as project manager, 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). Assisted in authoring and presenting project specific professional research publications and conference presentations.

Texas A&M University - Corpus Christi

Corpus Christi, TX

Graduate Research Assistant

8/2015-5/2016

- Helped to plan, direct, coordinate, and facilitate the Coastal Bend Regional Science Fair. Implemented project management and technology support skills to deliver professional development training to local school districts, staff, students and their families. Supervised, maintained, and managed the science fair schedule, budget, and ensured financial records and reports. Directed and supervised the work of science fair volunteers and staff. Analyzed relevant research data and published reports.

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). Directed science curriculum, college readiness, and special education programs, and served as campus educational technology facilitator. Collaborated with faculty to design, develop, and maintain a student information database and serve the instructional needs of a diverse student population. Increased student standardized test scores in Science.

Flour Bluff ISD

Corpus Christi, TX

Campus Technologist

7/2008-5/2009

- Managed campus technology support, developed a technology plan to meet the instructional and administrative program needs of the campus, district, and community. Maintained budgets, related grants, and schedules to ensure acquisition of campus technology and support. Provided support in: computer software, hardware, programming, and systems maintenance; network/server design and maintenance; audiovisual equipment; and e-mail management. Developed faculty, staff, and students' capabilities through design and delivery of educational technology training.

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. Trained faculty and staff in educational technology, computer skills, and software use. 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

2/2005-5/2006

Helpline Technician

- Implemented specialist skills to assess client needs, provided phone-based support and 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.