JAIME ANN MCQUEEN, Ph.D.

Corpus Christi, TX

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Professional Instructional Design, Technology, and Educational Research Portfolio: www.jaimemcqueenphd.com

Dedicated, focused, and results-driven professional instructional designer and educational researcher with 15+ years of experience in curriculum development and evaluation, educational technology leadership, and learning sciences research.

EDUCATION AND CERTIFICATIONS

Ph.D. - Curriculum and Instruction
Texas A&M University-Corpus Christi, Corpus Christi, Texas 5/2017
Instructional Design and 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. - 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

Certifications
- **Texas State Board of Educator Certification:** Principal as Instructional Leader Certification (Grades EC-12)
- **Texas State Board of Educator Certification:** Science (Grades 8-12); Special Education Supplemental (Grades 8-12); Gifted and Talented Supplemental: Expected 08/2022
- **Consortium for School Networking:** Certified Education Technology Leader (CETL), Expected 12/2022
- **Comp TIA:** A+ Core 1 and 2, Expected 9/2022
- **IBM:** Data Science Professional Certificate, Expected 08/2022
- **Treehouse Programming:** Front End Web Development Certification; Digital Literacy Certification
- **Lynda.com:** Full-Stack Web Development Certification; UX Design

INSTRUCTIONAL DESIGN AND TECHNOLOGY LEADERSHIP EXPERIENCE

Sinton ISD — Corpus Christi, TX
Instructional Technology and Educational Leadership Roles/Composite Science Teacher — 8/2018-Current
Plans, develops, designs, administers, and reviews: science course programs, materials, and instructional technologies.
- Develops and manages hybrid, online, and web-enhanced/web-based science courses and learning materials/resources; integrates software, multimedia applications, and online modules as part of instruction.
- Implements innovations and trends in education to increase students' learning and engagement in the classroom.
- Leads training to support faculty and staff use of educational technologies: software, multimedia, online, and web-based applications; provides guidance and recommends best practices and instructional strategies for course design.
- Collaborates with faculty/staff subject matter experts (SMEs) in coordinating and planning curriculum projects; leads and manages design, development, and review of science courses and related learning materials.
- Researches and identifies student achievement trends; performs course usability studies and creates reports.

Texas A&M University-Corpus Christi — Corpus Christi, TX
Instructional Designer/Project Manager/Doctoral Research Assistant — 6/2014-6/2016
Worked with a team to convert a Texas A&M University-College Station science course into an online format.
- Implemented strong instructional design, course/learning materials development, and research skills; organized and maintained project faculty/staff meetings, reports, resources/materials, and planning.
- Designed professional development training to support SMEs and course instructors' knowledge of the instructional design process and andragogy; provided guidance in students' use of online learning course materials and resources.
- Worked cooperatively with a team of SMEs, course instructors, and faculty/staff to design, develop, and review online, blended, and web-enhanced courses/modules; managed learning objectives and data to support course usability.
- Collaborated to present information via National Science Foundation (NSF) grant funded project reports, professional research publications, and conference presentations.

Texas A&M University-Corpus Christi — Corpus Christi, TX
Science Fair Project Manager/Doctoral Research Assistant — 8/2015-5/2016
Served as a doctoral researcher; assisted in planning, coordinating, and promoting the Coastal Bend Regional Science Fair.
- Utilized ability to multitask and organizational skills in supervision of faculty/staff volunteers, planning, and reports.
- Designed and delivered project related educational technology professional development and training to local school district faculty, staff, students and their families.
- Worked cooperatively to present information, training, and guidance to project team; led review of data trends and publication of reports.

Tuloso-Midway ISD   Corpus Christi, TX
Educational Technology Facilitator/High School Composite Science Teacher   7/2009-5/2016
Served the educational needs of a diverse student population through planning, design, development, and review of instructional technologies, science education, and training programs.

- Directed design and development of technology-enhanced science course/laboratory materials and resources; increased students' state science exam pass rate success, 49 % (2009-2010) to 83% (2015-2016).

- Provided training materials to support faculty use of software, multimedia applications; made key recommendations of instructional strategies for course design and development.

- Worked with SMEs, faculty, and staff to review and present information on technology training and STEM learning trends; maintained course resources/materials.

- Collaborated with faculty to design and maintain web-based student information management systems.

Flour Bluff ISD   Corpus Christi, TX
Campus Instructional/Educational Technologist   8/2008-5/2009
Managed campus technology; led related planning, training, and support to meet district instructional requirements.

- Led training for development of SMEs, faculty/staff, and students' use of educational technologies: online learning and web-based instructional software; computer systems; and audio, video, and multimedia applications.

- Applied instructional design best practices to lead faculty and staff in use of appropriate technologies and strategies for design and development of courses and learning materials/resources.

- Created reports for management and review of campus educational technology support needs.

- Maintained budgets, related grants, and schedules to oversee acquisition of campus technology, funding, and support.

Texas A&M University-Corpus Christi   Corpus Christi, TX
Faculty Hardware/Software Support Technician   5/2006-6/2008
Faculty Computer Technical Support Helpline Technician   2/2005-5/2006
Effectively developed and provided training to support instructional staff use of campus educational technology resources.

- Facilitated design and development of training materials/resources and learning tools; provided end-user support to improve faculty and staff implementation of learning management systems and online courses, computer software/hardware, audio/video, network, and multimedia applications.

- Evaluated technology support needs, budgets, and inventory; made recommendations for purchase of technology; maintained related documents and records.

- Used excellent communication skills, collaborated with Information Technology department personnel to ensure support goals and objectives were met.

SKILLS AND QUALIFICATIONS

- **Instructional Design/Online Course/Training Development skills**: Design, planning, development, implementation, review/needs assessment, and revision of training and courses; including ADDIE, Agile, ARCS, Iterative Process, Lean, SAMR, Waterfall, and World Café models.

- **Online course and Training Design skills**: Online/CMS/LMS course and module design, development, implementation, and review (higher education/K-12); including AICC, Copyright Law, SCORM, OLC, QM, xAPI, ADA/FERPA/Section 508 Compliance, and W3C standards.

- **Curriculum and Instructional Design knowledge**: Advanced knowledge of: Learning Theories and pedagogies (Adult Learning Theory, AP/IB, Constructivism, Game Based Learning, Inquiry and Project-Based Learning) and learning environments (E-Learning, Blended, Case based, Face-to-Face, Instructor led, Scenario based, and Virtual Instructor-led).

- **Online course and Instructional Design software:** Expert proficiency in Articulate Storyline/Studio/Presenter; Adobe Captivate/eLearning Suite; Canvas, Moodle, Blackboard, Softchalk, Lectora, Cloud computing, and MS Office (word processing/spreadsheet) applications. Design and production of storyboards and complete online courses.

- **Training Materials/Learning Resources Design:** Development and production of curriculum and instructional materials in a variety of formats including web-based (HTML, H5P, CSS, Flash, Javascript, jQuery, OER, PHP), print, graphics, audio/video (GoAnimate, YouTube, AfterEffects, and Camtasia), animation, and multimedia.

- **Web Development/Computer Programming skills**: Experience and expertise in full-stack / front-end web development (HTML 5, ActionScript, Bootstrap, C++, CSS, Dreamweaver, Git, jQuery, JSON, LESS, PHP, PhoneGap Build, PERL, Ruby on Rails, Unity, Visual Basic, SQL, and XML).

- **Project Management, Collaboration, and Communication skills**: Instructional Design, Technology, and Research Programs (IT Support and Training; budgets, software resources/materials, personnel, meetings, and information). Strong project collaboration/communication experience (face-to-face, distance/remote, web-based, verbal, and written).

- **Instructional Design/Educational Technology Research skills:** Grant writing, research presentation, and publication experience (National Science Foundation [NSF], Technology/Education plans, Professional Conferences). Data analysis, collection, management, and reporting (Quantitative, Qualitative, and Mixed Methods) methodologies.