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EDUCATION

University of North Texas, Denton, TX	***May 2012***
Ph.D. in Educational Computing	
University of North Texas, Denton, TX	***December 2004***
M.S. in Computer Education and Cognitive Systems	
Southwestern University, Georgetown, TX	***December 1983***
B.S. in Education, Major: Elementary Education; Minor: Music	

PROFESSIONAL POSITIONS

California State University, Sacramento	***Fall 2014 - Present***
Lecturer	
CRJ 101; Introduction to Research Methods for Criminal Justice	**Fall 2014 & Spring 2015**
CRJ 102; Crime and Punishment – College of Continuing Education, Online	**Fall 2014**
CRJ 101: Introduction to Research Methods for Criminal Justice – College of Continuing Education: Online	**Spring 2015**
Center for Educational Revisions-EdTech Division	***December 2013-Present***
Instructional Technology Project Manager and Consultant	
Tarleton State University	***2013-2014***
Adjunct Professor	
CJ 500 Online; Graduate Statistical Methods for Criminal Justice	**Fall**
CJ 331 Online; Statistical Methods for Criminal Justice	**Spring**
Ranger College-Stephenville	***2013-2014***
Grant Trainer for Microsoft Office Business Applications	**Fall and Spring**
Adjunct Professor	
COSC 1401: Introduction to Computing	**2014-Spring**
Tarrant County College District	***2013-2014***
Adjunct Professor	
BCIS 1405; Business Computer Applications	**Fall**
COSC 1401; Introduction to Computing	**Spring, Summer I, Fall**
Tarleton State University	***2011-2012***
Visiting Assistant Professor	
EDU 415-Elementary Curriculum, Assessment and Instruction	**Fall and Spring**
EDU 320 Lab-Professional Development I-Understanding the Learner	**Fall and Spring**
EDU 435 Professional Development IV-Issues in Professional Development	**Spring**
South University - Florida	***Summer 2010***
Adjunct Online Professor	
Introduction to Computers and the Internet; eCourse	
Devry Online	***Summer 2009***
Adjunct Online Professor	
Assessment and Evaluation of Technology Standards; eCourse	
Lancaster I.S.D., Lancaster, TX	***1988-2011***
Elementary Technology Lab Teacher	**2009-2011**
Coordinator for Information Technology Services, also	**2002-2011**
SQL Database Administrator-2005-2009	
Mathematics Coordinator-2002-2005	

District Curriculum Coach	**1999-2002**
Elementary Classroom Teacher	**1988-1999**
Ennis I.S.D., Ennis, TX	*1983-1988*
Elementary Teacher	**1983-1988**

RESEARCH INTERESTS IN PROGRESS

- Digital learning resources affect on learning
- 21st century education
- Performance Improvement through curriculum design
- The effect of neurological research for learning (fMRI)
- Brain based learning for digital learners

PUBLICATIONS

- **Are they ready? A multiple case study of Texas teacher perceptions of technology use in teaching and learning**, UMI, May 2012
- **Educator Awareness and the Digital Age**, Society for Instructional Technology Educators, March 9, 2011.
- **Planting the Seeds of Change** Texas Computer Education Association's, TechEdge, Vol. 19, No. 2, 2000.

PRESENTATIONS

- **Emerging Technologies in Education** Presentation, Texas Computer Educators Association, February 11, 2011.
- **Technology in the Science Classroom** Co-Presenter at the Texas Computer Educators Association, 2001-2005.
- **Multimedia Learning and the Effect on Long Term Memory** Presentation, All Encompassing Conference, Texas Computer Educators Association and the Texas Distance Learning Associates, May 1, 2010.

CURRICULUM DESIGN TRAINING

- Curriculum Design for Diversified Learners
- Online Curriculum Deployment Certification – Tarrant County College District, Fort Worth, TX, DeVry College, South University, Florida
- Google Document Certification
- Promethean Academy for Interactive Learning
- Smart Board Interactive Curriculum Integration
- Smart Interactivity in the Classroom
- Smart Enhancing Student-Centered Instruction

CERTIFICATIONS

Online Curriculum Strategies with Black Board 9 Certification Tarrant County College District's Online Instructor Qualification	**2014**
Microsoft Office Specialist, MOS Expert Level Certification Microsoft Office Specialist Certification for Microsoft Word and PowerPoint 2010	**2011**
IC3 Internet and Computing Core Certification	**2004**
MOS Master Instructor Microsoft Office Specialist Master Instructor for Microsoft Office 2003	**2004**
Microsoft Office User Specialist, MOUS Master Instructor Microsoft Office User Specialist Master Instructor for Microsoft Office 2000	**2001**
Texas Education Agency Teacher Certification Professional Certificate – Elementary Educator Professional Certificate – Elementary Music K-8	**1983**

CONTRACTS, GRANTS, SPONSORED RESEARCH

- **Technology Infrastructure Fund (PS09) PI-$199,349** This grant covered the installation for five computer labs in three schools and infrastructure to bring these campuses to a 5:1 computer ratio. Also, a campus training program was implemented for technology.
- **Technology Infrastructure Fund (PS10) PI-$175,000** This grant covered the installation for two stationary labs and one mobile lab with appropriate infrastructure to meet the Texas Education Agency requirements for Technology Application Courses. Twelve laptops for teachers upon completion of a integration training program.
- **Technology Infrastructure Fund (PS11) - $160,000** This grant was created to compliment PS10 grant but for one school which had no infrastructure.

- **MMETT-Making the Most of Technology Tools (District Funded).** Wrote this grant for external competitive grant funding but was integrated into the District Technology Plan by the district.
- **Intel Teach to the Future – LEA** Wrote this grant and brought this international professional development program to enhance the technology integration training to focus on digital learning.
- **Microsoft Testing Center-Certified Testing Center Proctor-**This grant established a Certiport Testing Center allowing staff to document proficiency with Microsoft Office desktop application. This grant also included one hundred testing vouchers as an incentive for students to improve job market skills.
- **Center for Educational ReVision EdTech Division** Contracted to provide focused staff development on technology curriculum integration to small districts in rural areas where technology infrastructure has recently been installed. Oct. 2013 to present.

MEDIA CONTRIBUTIONS

- **TEKStar** – TEA Lesson Plan Software Program Published teaching lessons that were incorporated in a multimedia tool developed as a Texas Essential Knowledge and Skills (TEKS) Curriculum resource. TEKStar correlated activities to Learning Styles, Critical Thinking Skills and Multiple Intelligences.
- **Website for pre-service student to share integrated units**
- **Finance Department district budgeting database-**This allowed all departments, campuses, and teams to submit budgets for the next school year while allowing administrators to monitor budgeting possibilities.
- **Forms**-SharePoint, Outlook, and PDF. Created forms and workflows to mainstream district administrative processes.

- **Lesson Planning Template** – Lancaster Independent School District
  Digital resource for teacher lesson planning which included the lesson cycle, Texas Essential Knowledge and Skills (TEKS) Curriculum, Learning Styles, Critical Thinking Skills and Multiple Intelligences.
- **Staff Development Database** – Lancaster Independent School District
  District resource for all staff to document staff development. Teachers used this as a resource for state documentation of training for certification continuation.
- **District digital presentations –**Created and enhanced community and school board presentations using media presentation principles to propose funding solutions and bond packages for the district.

HIGHER EDUCATION SERVICES

- **Texas Educational Knowledge and Skills Committee Member** for the revision and rewrite of the current standards for the course, Technology Applications, 2009-2010.
- **Texas State School Board Testimony justifying Technology Applications Committee** revisions for the Technology Applications course, September 24, 2010.
- **Academy of Human Research Development** online article scholar focus review for the 2014 AHRD International Conference in the Americas, September 28, 2013.

- **Campus Interview Committee** Worked with a team of professors to interview student candidates for the Teacher Program and offer suggestions for approval, Tarleton State University, 2011 & 2012.
- **Campus Writing Evaluation** – Evaluated writing samples for admittance into Teacher Program, 2011 & 2012.
- **State Teacher Certification Exams - Proctor** Tarleton State University 2011 & 2012.
- **Texas Higher Education Assessment, Proctor at** University of Texas Dallas, February 2011.

PUBLIC EDUCATION SERVICES

- **Texas Educational Knowledge and Skills Committee Member** for the revision and rewrite of the current standards set for high school technology courses. This committee created Technology Applications, 2009-2010.
- **Texas State School Board Testimony justifying Technology Applications Committee** revisions for the Technology Application course, September 24, 2010.
- **Texas Educational Knowledge and Skills Committee Member** for the revision and rewrite of second grade math,
- **Superintendents Liaison Committee** for six years. This committee brought concerns or requests from teachers for district wide consideration.
- **Campus and District Site Based Decision Team**

- **Campus Team Leader**
- **Campus Technology Level I support**
- **Technology Planning Committees**-Co-chaired one committee and participated in writing of three technology plans which were adopted by the district and the Texas Education Agency.
- **TEKStar Committee**-Texas Education Agency, TEA lesson plan software program. Wrote and published 2nd grade lessons to demonstrate master lessons for the Texas Essential Knowledge and Skills, TEKS.
- **TEKStar Committee**-TEA Correlated master lessons to learning styles, critical thinking skills and multiple intelligences.
- **Technology Improvement Committee**
- **Student Restricted Dress Code Committee Chair**

COMMUNITY SERVICES

- **Summer Technology Training**-Created and delivered technology skills development for community members.
- **Summer Technology Training for Senior Citizens**-Created and delivered beginner classes for Word, Excel, Internet and Email
- **Technology Applications Committee** revisions for the Technology Application course, September 24, 2010.
- **Music Director for First United Methodist Church** in Red Oak.

- **Outreach Services**-Teamed with the community outreach program to offer and teach office skills training to improve job possibilities for people in need.
- **Summer Technology Camp**-Designed and taught an Integrated Science, Technology, and Math camp for elementary students.
- **Community Help Services**-Remained available for community members to reach me for help as they developed their skills in their home and work environment.

ADDITIONAL TRAINING

- Nvivo 9
- SPSS
- Promethean Interactive Board Tools
- WhiteBoard Interactive Board Tools
- Education Training for learners through state regional education service – 378 Hours
- Texas Association of School Administrators – 18 Hours
- Cognos Reporting through Cognos Corporate for SQL Database Reporting
- Texas Computer Educators Association Trainings Smart Enhancing Student-Centered Instruction

- Texas Computer Educators Association Trainings – 54 Hours
- Technology Training through the regional service center, Region 10 – 150 Hours
- Technology Training through CompuServe – 40 Hours
- Cognos Reporting through Cognos Corporate - 12 hours
- Personal Training to achieve Microsoft Office Expert Instructor Certificates; MOS, MOUS, and IC3 certifications
- Texas Association of School Administrators

PROFESSIONAL MEMBERSHIPS

- California Faculty Association
- Phi Kappa Phi
- American Education Research Association
- Society for Information Technology and Teacher Education

- Texas Computer Educator Association
- Association of Texas Public Educators
- International Society for Technology in Education
- American Association for the Advancement in Technology

JOB RESPONSIBILITIES

California State University, Sacramento	*August 2014-Present*

Adjunct Professor   **Fall and Spring**

  CRJ 102; Crime and Punishment – Continuing Education Online   **Fall**

  Design of course curriculum to teach criminology theory to online undergraduate students. Mentor and work with diverse international populations to successfully complete expectations of course. Other adjunct responsibilities such as grade reporting, student communications, faculty meetings and professional growth workshops.

  CRJ 101 Research Methods for Criminal Justice – Face-to-Face and Online   **Fall and Spring**

  Design of course curriculum to teach research methods to junior and senior level undergraduate students. Mentor and work with diverse international populations to successfully complete expectations of course. Other adjunct responsibilities such as grade reporting, student communications, faculty meetings, and professional growth workshops.

Center for Educational Revision-EdTech Division	*December 2013-Present*

Grant Project Manager, Trainer, Consultant

  Organize integration grant schedule for time and resources. Provide training and mentoring to teachers in rural school districts on technology integrated learning opportunities for students. This training was developed to bring blended learning environment programs to assist educators in the proper and effective use of technology for a learning atmosphere in and out of the classroom.

Ranger College	*2013-2014*

Grant Trainer for Microsoft Office Business Applications   **Fall and Spring**

  Designed course curriculum for businesses to teach Introductory through Advanced Microsoft Excel 2010 and Introductory through Intermediate Microsoft Access 2010 for business professionals.

Adjunct Professor   **Spring-2014**

  COSC 1401; Introduction to Computing Design course curriculum using LMS to teach Microsoft Office 2013 desktop applications and other aspects of digital citizenship to non-traditional students. Mentor and tutor non-traditional diverse student population to accomplish goals of the course and the college. Traditional adjunct responsibilities such as attending faculty meetings and professional growth workshops.

Tarleton State University	*2013-2014*

Adjunct Professor   **Fall 2013**

  CJ 500 Online; Graduate Statistical Methods for Criminal Justice

  Design of course curriculum to teach introductory statistical methods using Microsoft Excel 2010 for online graduate students. Mentor and work with diverse international populations to successfully complete expectations of course. Other adjunct responsibilities such as grade reporting, student communications, faculty meetings and professional growth workshops.

  CJ 331 Online; Statistical Methods for Criminal Justice   **Spring 2014**

  Design of course curriculum to teach introductory statistical methods using Microsoft Excel. Mentor and work with diverse international populations to successfully complete expectations of course. Other adjunct responsibilities such as grade reporting, student communications, faculty meetings and professional growth workshops.

Tarrant County College District	*2012-2014*

Adjunct Professor   **Fall-2013-Present**

  BCIS 1405; Business Computer Applications

  COSC 1401; Introduction to Computing Design course curriculum using LMS to teach Microsoft Office 2013 desktop applications and other aspects of digital citizenship to non-traditional students. Mentor and tutor non-traditional diverse student population to accomplish goals of the course and the college. Traditional adjunct responsibilities such as attending faculty meetings and professional growth workshops.

Adjunct Professor   **Spring and Summer I-2013**

  COSC 1401; Introduction to Computing

  Course instructional design to meet the expectations of the university professional educator. Mentored and tutored diverse student population. Traditional adjunct responsibilities such as attending faculty meetings and professional growth workshops.

Tarleton State University	***2011–2012***

Visiting Assistant Professor   **Fall and Spring**

EDU 415-Elementary Curriculum, Assessment and Instruction

Designed and taught the course to prepare teachers to implement assessment-driven instruction through curricular design in interdisciplinary contexts for 21st century learners at the main and satellite campus. Curriculum was designed to assist students in application of their knowledge of developmental stages, learner needs, teaching strategies, and the expectations of state knowledge in core content areas through lesson design, implementation, and evaluation of interdisciplinary curriculum. Maintained student assignments and communication within university LMS, maintained student records, attended faculty meetings, professional growth workshops, and other responsibilities traditionally expected of visiting professors.

EDU 320 Lab-Professional Development I-Understanding the Learner   **Fall and Spring**

Instructional course design and implementation of curriculum designed to share knowledge of Microsoft Office 2010 desktop applications, Whiteboard software, Web 2.0 tools, and instructional technology for student learning. Traditional expectations for visiting professors.

EDU 435 Professional Development IV-Issues in Professional Development   **Spring 2012**

Mentored pre-service teachers on professional issues and concepts encountered during their teaching practicum in the school environment. Preparation for teacher certifications in Elementary, English Secondary Language Learners, and Special Education. Mentored students during the completion of their capstone project. Traditional expectations for visiting professors

South University - Florida	***Summer 2010***

Adjunct Online Instructor

Introduction to Computers and the Internet; eCourse

Instructed and facilitated meaningful learning in an interactive web based course for lectures, discussions, individual and group assignments and evaluations. Developed individualized assignments and provided student tutorial service through the web using tools such as Skype Adobe Connect, and Camtasia. Course included instruction for the use of operating systems, software and Internet. Traditional required trainings and duties required of adjunct instructors.

Devry Online	***Summer 2009***

Adjunct Online Instructor

Assessment and Evaluation of Technology Standards; eCourse

Provided meaningful individualized learning to students using an interactive web-based course for lectures, discussions, individual and group assignments and evaluations. Curriculum included comparing technology standards from national, state, and district levels as part of their online course instruction. Created individualized assignments and offered tutorials through web tools and video capture. Traditional required trainings and duties required of adjunct instructors.

Lancaster I.S.D., Lancaster, TX	***1983–2011***

Elementary Technology Lab Teacher & Coordinator for Information Technology   **2009-2011**

Curriculum design, scheduling, and delivery of learner-focused, engaging technology integrated curriculum for adults for implementation for student learning. Training of staff in the use of new information systems and new data retrieval systems. Involvement in campus formative assessments in gathering best practices and growth opportunities to aid with the improvement of campus instructional techniques. Designed curriculum and taught in a Pre-Kindergarten through fifth grade computer classroom to introduce technology skills for learning in a predominantly disadvantaged and at-risk population.

Coordinator for Information Technology Services- SQL Database Administrator   **2005-2009**

Supervised a team in coordination of data through conversions and implementation of new data information systems. Designed curriculum, monitoring schedules and evaluation system for the new system. Arranged permissions and training of all employees for successful deployment of new systems. Mainstreamed procedures and establish consistent processes using digital communications in a train-the-trainer model. Constructed and managed budgets, contracts and maintenance agreements for the district technology instructional technology budget.

Coordinator for Instructional Technology and Mathematics   **2002-2005**

Developed, scheduled and implemented training for staff in mathematics teaching strategies and the use of technology as an integral piece of curriculum. Chaired committees to investigate, choose, implement, and

train staff on new digital educational aides for curriculum integration and data collections. Organized curriculum mapping sessions and benchmark testing documents. Developed and implemented a training series to accomplish integration of software into the current curriculum for all students. Created planning templates, outlook forms and databases for streamlining administrative tasks.

District Curriculum Coach   **1999-2002**

Mentored teachers struggling to implement district expectations. This included developing an instructional design of engaging curriculum incorporating best practices and classroom management. Developed district evaluative instruments for use in documentation of expectations.

Elementary Teacher   **1988-1999**

Lead teams in the design and development of instructional materials and documented expectations for reporting. Supported technology use as 1st level support for hardware and software. Evaluated software packages for compatibility to district needs and expectations.

Ennis I.S.D., Ennis, TX   *1983-1988*

Elementary Teacher

Traditional self-contained elementary classroom teacher responsibilities. Provided technology support while carrying classroom responsibilities. Teaching and directing 550 students a week at the elementary level and preparation of choirs for competitions in sight-reading, solo and ensemble.

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