TRINA J. DAVIS

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# EDUCATION

Ph.D. Texas A&M University, College Station, TX, 2005

Curriculum and Instruction - Educational Technology

M.S. Prairie View A&M University, Prairie View, TX, 1999

Mathematics, Thesis Research Area: Nonparametric Statistics

B.S. Virginia Commonwealth University, Richmond, VA, 1990

Mathematical Sciences, Concentration: Applied Mathematics

**Certificates**

Texas Lifetime Certificate in Secondary Mathematics (Grades 6-12), Endorsement in Gifted and Talented Education.

# RESEARCH INTERESTS

Teaching and Learning in Online and 3-D Virtual Environments

Large-Scale School Technology Studies

Technology Integration in Mathematics Teaching and Learning

Digital Equity Issues

# PROFESSIONAL EXPERIENCE

**Texas A&M University**

Assistant Professor, Texas A&M University, College of Education and Human Development, Department of Teaching, Learning and Culture, 2006-Present.

Lecturer, Texas A&M University, College of Education and Human Development, Department of Teaching, Learning and Culture, 2005-2006.

Director, Middle School Aerospace Scholars Program, Web Development and Online Delivery. Contract with NASA Johnson Space Center. Texas A&M University, 2001-2006.

Director, eEducation, Texas A&M University, College of Education and Human Development, Department of Teaching, Learning and Culture, 2000-2007.

Director, Partnership for Environmental Education and Rural Health (PEER), Texas A&M University, College of Education and CERH, 1999-2002.

Director, Ocean Drilling Distance Learning Program, Texas A&M University, Colleges of Education and Geosciences, 1999-2001.

Program Coordinator, South Central Regional Technology in Education Consortium (SCR\*TEC-TX), Texas A&M University, College of Education, Office of the Dean, 1997-2000.

**Community College**

Mathematics Instructor, Houston Community College, Northwest Campus, 1992-1995.

**K-12 Public Schools**

Gifted and Talented Program Coordinator, Jones Intermediate School, Waller Independent School District, Waller, TX, 1996-1997.

Technology Coordinator and Distance Learning Facilitator, Waller Independent School District, Waller, TX, 1993-1997.

Mathematics Teacher (Grade 6) and Gifted and Talented Teacher, Jones Intermediate School, Waller Independent School District, Waller, TX, 1992-1996.

Long Term Substitute Teacher (Grades K and 5), Cypress-Fairbanks Independent School District, Cypress, TX, 1990-1992.

## AWARDS AND HONORS

Student Recognition Award for Teaching Excellence, Texas A&M University System, Office of the Chancellor, February 2011.

President’s National Volunteer Service Award (Gold Level). Presented by the President’s Council on Service and Civic Participation, Washington, D.C, 2009.

Elected President - International Society for Technology in Education (ISTE), 2007 – 2009.

Making it Happen Achievement Award (International/National). Awarded at the National Education Computing Conference, July 2006.

Academy for Advanced Telecommunications and Learning Technologies, Senator Jack Fields’ Scholarship Recipient (National), 1999-2000.

United States Department of Education, Bilingual and Multicultural Education Doctoral Fellow (National), Texas A&M University, 1998-2001.

Waller Independent School District, Teacher of the Year (Regional/Local), 1996-1997.

Waller Independent School District Educational Foundation Grant Recipient (Local), 1995-1997.

*\* Graduate student co-author or co-presenter.*

**FUNDED GRANTS AND CONTRACTS**

2010 – 2015 Kulm, G. (Principal Investigator), Allen, G.D., **Davis, T.J.**, Lewis, C., & McKenzie, K. (Co-Principal Investigators). *Preservice Teachers’ Knowledge for Teaching Algebra for Equity in the Middle Grades*. National Science Foundation ($2,802,983/5 years), (09/01/2010 – 08/31/2015). Role: Co-Principal Investigator (Research Grant).

2008 – 2008 **Davis, T.**, & Waxman, H. *Evaluating Districts’ Readiness for Online Testing.* Texas Education Agency, subcontract from Pearson ($221,918/7 months), (05/05/08– 12/31/08). Role: Principal Investigator (Research Grant).

2008 – 2009 Carpenter, S., & **Davis, T.** *Establishing the TAMU-Digital Humanities and Visual Culture Education and Research Island in Second Life.* Melbern G. Glasscock Center for Humanities Research and Sterling C. Evans Chair. ($10,000/2 years), (09/01/08 – 08/31/10). Role: Co-Principal Investigator (Research Grant).

2007 – 2010 Lewis, C., Capraro, R., Carpenter, S., **Davis, T.**, Collins, T., & Quiroz, B. *New traditions.* Doctoral recruitment grant from Texas A&M University. ($349,000/3 years), (8/1/07 – 7/31/10). Role: \*Co-Principal Investigator.

2006 – 2008 Erwin, B., & **Davis, T.J.** *Verizon Early Reading Online Project.* Verizon Foundation Grant. 2006-2008 ($94,340). Role: \*Co-Principal Investigator.

2005 – 2007 **Davis, T.J.**, & Denton, J.J. Contract with NASA Johnson Space Center, *Middle School Aerospace Scholar Program*. December 1, 2005 – November 30, 2007 ($61,600). Role: Co-Principal Investigator & Director.

2002 – 2007 Denton, J.J., & **Davis, T.J.** *Opening Pathways for Teacher Instructional Opportunities in Natural Science*. Baylor College of Medicine. August 1, 2002 – July 31, 2007 ($292,000). Role: Co-Principal Investigator.

1999 – 2002 **Davis, T.J.** (\*Director and Investigator), Denton, J.J. (Co-Principal Investigator), Johnson, L. (Principal Investigator). *Environmental and rural health education partnership.* National Institutes of Health. September 1, 1999 – August 31, 2002 ($638,400).

1999 – 2001 **Davis, T.J.** (\*Director and Investigator), Denton, J.J. (Principal Investigator), Baldauf, and J. (Co-Principal Investigator). *Telecommunications: A conduit to the earth science frontier*. Telecommunications Infrastructure Fund Board. September 1, 1999 – February 2, 2001 ($351,399).

1999 – 2000 **Davis, T.** (Principal Investigator and Director), Ham, R., (Co-PI) & Cifuentes, L. (Co-PI) Microsoft Corporation, Teacher Training at Microsoft Program 1999, ($30,000).

[Total Since 2006 =$3,831,841]

*Director Role or \*, not included in total.*

**SUBMITTED, NOT FUNDED**

2011 Capraro, R. (Principal Investigator), Capraro, M.M., Loving, C., Davis, T.J., Morgan, J., & Goddard, R. Evaluation of the Harmony Charter School Model for Student STEM Success (HCSMS3). Role: Co-Principal Investigator ($1,xxx,xxx).

2007 - 2008 Davis, T.J. (Principal Investigator), Erwin, B. (Co-Principal Investigator)

An Online Professional Development Model: Preservice Teachers Explore Thinkfinity.org. Verizon Foundation Grant ($80,000).

**PUBLICATIONS**

**REFEREED JOURNAL ARTICLES**

\*Brown, I. A., Davis, T. J., Lewis, C. W., & Kulm, G. (2011). *Preservice teachers' knowledge for teaching algebra for equity in the middle grades: A preliminary report.* Journal of Negro Education (Special Issue).

Denton, J.J., Davis, T..J, Capraro, R.M., Smith, B.L., Beason, L., Graham, D., & Strader, R.A. (2009). Examining applicants for admission and completion of an online teacher certification program. *Journal of Educational Technology & Society*, *12*(1), 214-229.

Denton, J., Davis, T., Smith, B., Beason, L., Graham, D., & Strader, A. (2008). Assessment benchmarks for an alternative certification program. Journal of the National Association for Alternative Certification, *3*(2), 28-42.

Denton, J.J., & Davis, T.J. (2007). Challenges of recruiting candidates with strong academic credentials. *School Science and Mathematics Journal*, *107*(4), 121-122.

Denton, J., Davis, T., Smith, B., Strader, A., Clark, F., & Wang, L. (2006). Technology mentor fellowship program: A technology integration professional development model for classroom teachers. *National Forum of Teacher Education Journal*, *16*(3). Available online at: http://www.nationalforum.com

Denton, J. J., Davis, T. J., Smith, B. L., Strader, R. A., Clark, F. E., & Wang, L.\* (2005). Net generation undergraduates as technology mentors for teacher educators. *National Forum of Teacher Education Journal*­, *17E*(3). Available at: http://www.nationalforum.com

Denton, J., Davis, T., Smith, B., & Strader, A. (2005). The technology mentor fellowship program (TMFP) model for professional development and sustainability of technology infusion initiatives. *Texas Journal of Distance Learning*, *2*(2), 69-85. Available at http://www.tjdl.org./articles/v2i2/mentor/

Jolly, D.V., Davis, T., Strader, R.A., & Denton, J. (1999). Issues related to technology in teacher education programs and K-12 public schools in Texas. *Educational Technology & Society. 2*(3), July, 1999, *ISSN 1436-452.*

**REFEREED JOURNAL ARTICLES - IN PREPARATION**

Davis, T., *Stillisano, J. & Waxman, H. Benefits and challenges identified in a large-scale statewide evaluation of districts’ readiness for online testing.* Manuscript in preparation.

Davis, T. *Teaching and learning in Second Life: Exploring impact in two graduate courses.* Manuscript in preparation.

Davis, T., *Stillisano, J. & Waxman, H*. *A statewide evaluation of districts’ readiness for large-scale online testing: Perceived professional development and training needs.* Manuscript in preparation.

Davis, T., *Stillisano, J. & Waxman, H*. *Perceptions of digital gaps in a statewide evaluation of districts’ readiness for large-scale online testing.* Manuscript in preparation.

**COMMISSIONED REPORTS**

Davis, T., Denton, J., Strader, A., Sparks, K, Shin, J.,\* Qi, S.,\* Lee, Y.,\* Waxman, H., & Stillisano, J. (2008). *Evaluating districts’ readiness for online testing: Results from a survey of Texas districts and campuses* (Report No. 08-002). College Station, TX: State of Texas Education Research Center at Texas A&M University.

Stillisano, J., Waxman, H., Hostrup, J.,\* Kandel-Cisco, B., & Davis, T. (2008). *Evaluating districts’ readiness for online testing: Results from in-depth case studies of six Texas districts* (Report No. 08-001). College Station, TX: State of Texas Education Research Center at Texas A&M University.

Davis, T., Fuller, M., Jackson, S., Pittman, J., & Sweet, J. (2007). *A national consideration of digital equity report.* Washington, DC: International Society for Technology in Education.

# BOOK CHAPTER

Davis, T. J. (2012, in press). Mathematics learning in virtual worlds: Affordances and accessibility. In C. R. Reynolds, K. J. Vannest, & E. Fletcher-Janzen (Eds.), *Encyclopedia of special education: A reference for the education of children, adolescents, and adults with disabilities and other exceptional individuals* (4th ed.). Hoboken, NJ: John Wiley and Sons.

# REFEREED CONFERENCE PROCEEDINGS

Davis, T., Cifuentes, L., Denton, J., Beason, L., & Columbus, Y.\* (2007). Online and field-based teacher preparation, mentoring and supervision: Effects and impacts on teaching candidate’s professional readiness. *Proceedings of the Texas Computer Educators Association Research Symposium*, 29-39.

Denton, J., Davis, T., Smith, B., Beason, L., & Strader, R. (2005). An online professional development model for pre-service teacher education. *Proceedings of E-Learn 2005 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education* (pp. 617-624). Chesapeake, VA: Association for the Advancement of Computing in Education.

Denton, J., Davis, T., Smith, B., Strader, A., Clark, F.., & Wang, L. \* (2005). Net generation college students as technology mentors for teacher educators. *Proceedings of the Society for Information Technology and Teacher Education.2005, 16th International Conference*, 3150-3154.

Denton, J., Davis, T., Strader, A., Durbin, B., & Wang, L. \* (2004). Has state and federal support changed technology infrastructure and professional development in Texas public schools. *Proceedings of ED-MEDIA 2004,* 5242-5249.

Cifuentes, L., Davis, T., Jolly, D., Klingelhoffer, P., Metcalf, T. (1999). The model classroom: Helping educators envision the future. *Proceedings of the 6Th Annual Distance Education Conference* (pp. 43-44). College Station: Texas A&M University, Center for Distance Learning Research. San Antonio, TX.

Jolly, D., & Davis, T. (1998). A look at current practice and needs in teacher preparation. *Proceedings of the Telecommunications and Multimedia in Education Conference.*

Cifuentes, L., Murphy, K. L., & Davis, T. (1998). Promoting self-esteem, achievement, and multicultural understanding through distance learning. *Proceedings of the Association of Educational Communications and Technology Conference.*

Cifuentes, L., Murphy, K. L., & Davis, T. (1998). Cultural connections: Crossing international borders. *Proceedings for Global Learning in the 21st Century,* Copenhagen, Denmark.

Cifuentes, L., Metcalf, T., Davis, T. & Gonzales, E. (1997). Cultural Connections: A multimedia distance learning project. *Proceedings of the Annual Distance Education Conferences* (pp. 33-35). Corpus Christi, TX.

Cifuentes, L., Murphy, K. L., & Davis, T., Gonzales, E., & Edmundson, C. (1997). Cultural Connections: A model for K-12 videoconferencing. *Proceedings of the Conference on Distance Teaching and Learning* (pp. 33-35). Madison, WI.

**OTHER ARTICLES AND TECHNICAL REPORTS**

Davis, T. (2008). Dream BIG! *Learning & Leading with Technology 36*(2), 48.

Davis, T. (2007). A national consideration of digital equity. *Learning & Leading with Technology 35*(2), 48.

Davis, T. (2007). Making a difference: Three critical challenges. *Learning & Leading with Technology NECC Leader 2*, 2.

Denton, J.J., Davis, T.J. ,Smith, B.L., Beason, L., Graham, B.D., & Strader, R.A. (2006). Success ratios for Accelerate Online/OPTIONS an online alternative certification program. Paper available at http://eeducation.tamu.edu/tech\_studies

Denton, J.J., Davis, T.J., Capraro, R.M., Smith, B.L., Beason, L., Graham, B.D., & Strader, R.A. (2006). Examination of applicant profiles for admission into and completion of an online secondary teacher certification program. Paper available at http://eeducation.tamu.edu/tech\_studies

Roberts, K., Denton, J., Davis, T., Smith, B., Beason, L., & Graham, D. (2006). Comparison of factor structure and conceptual structure of intern classroom assessment instrument. Paper available at http://eeducation.tamu.edu/tech\_studies

Denton, J., Davis, T., Strader, A., & Durbin, B. (Winter 2003). 2002 Texas public school technology survey. *Insight*. *17*(3), 13-28.

Denton, J., Davis, T. & Strader, A. (Summer, 2001). 2000 public school technology survey. *Insight*. *15*(2), 13-23.

Denton, J., Davis, T., Strader, A., Jessup, G., & Jolly, D. (Summer, 1999). The changing technology infrastructure in Texas public schools. *Insight*.*13*(2), 34-38.

**ERIC DOCUMENTS**

Denton, J., Davis, T., Smith, B., Beason, L., Graham, D., & Strader, A. (2008). Implementation Benchmarks for Assessing an Alternative Certification Program. College Station, TX: Texas A&M University, (ERIC Reproduction Number ED-500-523).

Denton, J., Davis, T. & Strader, A., & Durbin, B. (2002). Report of the 2002 Texas Public School Technology Survey Prepared for the Telecommunications Infrastructure Fund Board and Texas Public Schools. College Station, TX: Texas A&M University, 1998 (ERIC Reproduction Number ED-477-712).

Denton, J., Davis, T. & Strader, A., & Clark, F, & Jolly, D (2002). Technology Professional Development of Teacher Education Faculty by Net Generation Mentors College Station, TX: Texas A&M University, (ERIC Reproduction Number ED-477-711).

Denton, J., Smith, B., Davis, T., Strader, A. & Clark, F. (2002). Technology Professional Development Enabled by an Electronic Management System. College Station, TX: Texas A&M University, (ERIC Reproduction Number ED-464-617).

Denton, J., Davis, T. & Strader, A. (2001). Report of the 2000 Texas Public School Technology Survey Prepared for the Telecommunications Infrastructure Fund Board and Texas Public Schools. College Station, TX: Texas A&M University, 1998 (ERIC Reproduction Number ED-454-811).

Denton, J., Davis, T., Strader, A., & Jessup, G. (1999). Final Report of the 1998 Texas Public School Technology Survey. College Station, TX: Texas A&M University, 1998 (ERIC Reproduction Number ED-429-751).

*\* Graduate student co-author or co-presenter.*

**PRESENTATIONS**

**International Presentations (Refereed)**

\*Rangel-Chavez, A. F., Kulm, G., Davis, T. J., & Brown, I. A. (2011, October). Exploring Mathematical Discourse in Virtual Classrooms. 33rd Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME –NA 2011). Reno, NV.

Kulm, G., Brown, I. A., Lewis, C. W., Davis, T. J., \*An, S., & \*Anderson, L. (2011, October). Knowledge foundations for teaching algebra for equity. 33rd Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME –NA 2011). Reno, NV.

Larke, P., \*Kidd, T., & Davis, T. (2011, May). *Exploring lived experiences of public health faculty who develop and teach online courses*. Seventh International Congress of Qualitative Inquiry. University of Illinois at Urbana-Champaign.

Stillisano, J., Waxman, H., Kandel-Cisco, B., \*Hostrup, J., & Davis, T. (2010, January). *Case studies for six Texas school districts’ capacity for online testing.* Paper presented at 2010 Hawaii International Conference on Education.

Denton, J., Davis, T., Smith, B., Beason, L., Graham, D., & Strader, R. A. (2006, October). *Third year evaluation of Accelerate Online/Options: A transition to teach program at Texas A&M University*.  Paper presented at E-Learn 2006: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education. Honolulu, HI.

Denton, J., Davis, T., Smith, B., Beason, L., Strader, A (2005, October). *An online professional development model for pre-service teacher education.* Paper presented at the E-Learn 2005 10th Annual World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education. Vancouver BC, Canada.

Denton, J. Davis, T., Strader, A., Durbin, B. & \*Wang, L. (2004, June). *Has state and federal support changed technology infrastructure and professional development in Texas public schools.*  Paper presented at the ED-MEDIA 2004 Conference. Lugano, Switzerland.

**National Presentations (Refereed)**

Davis, T., Brown, I., Kulm, G., Chien, C.F., & Phillips, G. (2012, June). *Virtual simulation teacher preparation approaches: Address equity in algebra learning*. Paper accepted at the International Society for Technology in Education (ISTE) Conference, San Diego, CA.

Davis, T. Brown, I., Kulm, G., & Chien, C.F. (2012, March). *Knowledge for teaching algebra for equity: Preservice teachers’ perceptions of classroom simulations and experiences in Second Life*. Paper presented at the Society for Information Technology and Teacher Education (SITE) Conference, Austin, TX.

Kulm, G., Brown, I., Davis, T., \*Ma, T., & \*An, S. (2012, April). *Preservice teachers' knowledge for teaching algebra: A preliminary report*. Accepted for presentation at the annual meeting of the National Council of Teachers of Mathematics, Philadelphia, PA.

Davis, T., Waxman, H., Kandel-Cisco, B., & \*Hostrup, J. (2011, April). *Statewide evaluation of districts readiness for large-scale online testing: Unique perceptions and challenges from various school district lenses.* Poster session presented at annual meeting of the American Educational Research Association Conference, New Orleans, LA.

Padgett, H., Jobe, H., Davis, T., Knezek, D., Schrum, L., Norris, C., & Resta, P. (2011, June). *Strategic ed tech thinking with ISTE presidents and business leaders.* Presented on panel at the International Society for Technology in Education (ISTE) Conference, Denver, CO.

Davis, T., Knezek, D., Padgett, H., & Schrum, L., Norris, C., & Resta, P. (2010, June). *Strategic ed tech thinking with ISTE presidents and business leaders.* Presented on panel at the International Society for Technology in Education (ISTE) Conference, Denver, CO.

Stillisano, J., Davis, T., Waxman, H., Kandel-Cisco, B., & \*Hostrup, J. (2009, November). *Using a mixed-methods design to conduct a statewide evaluation of districts readiness for large-scale online testing*. Paper presented at the American Evaluation Association Conference, Orlando, FL.

Davis, T., Padgett, H., Knezek, D., & Norris, C. (2009, June). *Strategic ed tech thinking with ISTE presidents and business leaders.* Presented on panel at the National Educational Computing Conference, Washington, DC.

Davis, T., Padgett, H., & Imbriale, R. (2008, June). *The ABCs of advocacy: Make your voice heard.* Presented at the National Educational Computing Conference, San Antonio, TX.

Harper, D., Davis, T. Garza, S., & Peet, M. (2008, June). *Bridging the digital divide in Texas.* Presented at the National Educational Computing Conference, San Antonio, TX.

Steinhaus, K., Davis, T., Knezek, D., Norris, C., Resta, P., Rogers, H., Williams, C., & Van Dam, J. (2008, June). *Strategic ed tech thinking with ISTE presidents and business leaders.* Presented on panel at the National Educational Computing Conference, San Antonio, TX.

Denton, J., Davis, T., Smith, B., Beason, L., Graham, D., & Capraro, R. (2007, April). *Candidate profiles into and completion of an online secondary teacher certification program.* Paper presented at annual meeting of the American Educational Research Association, Chicago, IL.

Denton, J., Smith, B., Davis, T., Beason, L., & Graham, D. (2007, March). *In search of a successful marketing strategy for an online teacher certification program.* Poster presented at SITE 2007 – Society for Information Technology & Teacher Education, San Antonio, TX.

Denton, J., Davis, T., Smith, B., Strader, R., & Clark, F. (2005, March). *Net generation college students as technology mentors for teacher educators.* Paper presented at the Society for Information Technology & Teacher Education, 16th International Conference. Phoenix, AZ.

Cifuentes, L., Murphy, K. L., & Davis, T. (1998, February). *Promoting self-esteem, achievement, and multicultural understanding through distance learning.* Paper presented at the Association of Educational Communications and Technology Conference, St. Louis, MO.

Cifuentes, L., Murphy, K. L., & Davis, T., Gonzales, E., & Edmundson, C. (1997, August). *Cultural connections: A model for K-12 videoconferencing.* Paper presented at the Conference on Distance Teaching and Learning, Madison, WI.

Cifuentes, L., Clark, S., & Davis, T. (1996, April). *From sages to guides: Using technology to promote professional development.* Paper presented at the Annual Conference of the American Educational Research Association, New York, NY.

**Multi-State Regional Presentations (Refereed)**

Denton, J., Davis, T., Smith, B., Beason, L., Graham, D., & Roberts, K. (2007, February). *Candidate profiles for admission into and completion of an online secondary teacher certification program.*  Paper presented at annual meeting of the Southwest Educational Research Association. San Antonio, Texas.

Denton, J., Davis, T., Smith, B., Beason, L.,  Strader, A. (2005, September). *An online professional development model for pre-service teacher education.* Paper presented at the 1st Annual Conference of CREATE, San Antonio, TX.

Denton, J. Davis, T., Smith, B., Beason, L., & Strader, A. (2005, February). *The development and implementation of a professional development model for pre-service teacher education.* Paper presented at the Southwest Educational Research Association Meeting. New Orleans, LA.

Denton, J. Davis, T., Strader, A., Durbin, B., & Wang, L. (2004, February). *Technology infrastructure and professional development in Texas public schools.* Paper presented at the Southwest Educational Research Association Meeting. Dallas, TX.

Denton, J. Davis, T., Smith, B., Beason, L., & Wang, L. (2004, February). *Does an on-line alternative certification program attract candidates with strong academic credentials?*  Paper presented Paper presented at the Southwest Educational Research Association Meeting. Dallas, TX.

Denton, J., Davis, T., Strader, A., Clark, F. & Jolly, D. (2003). *Technology professional development of teacher education faculty by net generation mentors*. Paper presented at the Southwest Educational Research Association Meeting. San Antonio, TX.

Denton, J., Smith, B., Davis, T., Strader, A., Clark, F.& Jolly, D. (2002, February). *The technology mentor fellowship program [TMFP].*Paper presented at the annual meeting of the Southwest Educational Research Association, Austin, TX.

Denton, J., Davis, T., Strader, A., Jolly, D., & Jessup, G. (2000, January). *Instructional technology infrastructure and staff development in Texas schools and in teacher education programs of institutions of higher education*. Southwest Educational Research Association Meeting. Dallas, TX.

Davis, T. (1999). *Evaluating the use of technology to improve teaching and learning.* Presented on expert panel at the U.S. Department of Education, Improving America’s Schools Regional Conference, Education Reform Institute, St. Louis, MO.

Davis, T. (1996). *Technology integration at H.T. Jones Intermediate School.* Presented at the U. S. Department of Education, Improving America’s Schools Conference, St Louis, MO.

**State Presentations (Refereed)**

Davis, T. J., Brown, I. A., Lewis, C. W., & Kulm, G. (2011). *Knowledge for algebra teaching for equity (KATE) project: Virtual simulation teacher preparation strategies to address equity in algebra learning.* Texas National Association for Multicultural Education Conference, Mesquite, TX.

Davis, T., Cifuentes, L., Denton, J., Beason, L., & Columbus, Y.\* (2007, February). *Online and field-based teacher preparation, mentoring and supervision: Effects and impacts on teaching candidate’s professional readiness*. Paper presented at the Research Symposium of the Texas Computer Education Association Conference. Austin, Texas.

Cifuentes, L., Metcalf, T., Clark, J., Davis, T., & Clark, S. (1996, January). *Personal growth through multimedia development.* Paper presented at the Third Annual Distance Education Conference, Dallas, TX.

Cifuentes, L., Metcalf, T., Murphy, K. L., Gonzales, E., & Davis, T. (1996, November). *Connecting adolescents via telecommunications.* Paper presented at the 45th Annual Texas Educational Technology Conference, Austin, TX.

**Invited Addresses/Keynotes/Presentations – National Conferences**

Davis T. (2009, June). *Shattering expectations and inspiring adventure in the classroom****.*** Invited address at Verizon Foundation Corporate Spotlight Session, National Educational Computing Conference, Washington DC.

Davis T. (2009, June). ***Successes against all odds.*** Invited address at the Digital Equity Summit, National Educational Computing Conference, Washington DC.

Davis T. (2008, June) *Convene, connect, transform: Dream BIG!* Invited president’s address at the National Educational Computing Conference, San Antonio, TX.

Davis T. (2008, June). ***Facing national and international challenges: Bridging the gap.*** Invited speaker at the Digital Equity Summit, National Educational Computing Conference, San Antonio, TX.

Davis T. (2008, June). *Learning and leading.* Invited speaker at the ISTE Leadership Symposium, National Educational Computing Conference, San Antonio, TX.

Davis T. (2007, June). *Making a difference: Three critical challenges in educational technology.* Invited president’s address at the National Educational Computing Conference,. Atlanta, GA.

Davis T. (2007, June). *Web 2.0.* Invited speaker at the ISTE Leadership Symposium, National Educational Computing Conference, Atlanta, GA.

Davis T. (2007, March). *A need for online resources that support 21st century learners.* Invited keynote at Verizon Foundation, National Thinkfinity.org Launch. Washington DC.

Davis T. (2005, June). *Sustaining digital parity for economic inclusion.* Invited presentation at the Mayor of Philadelphia’s Digital Leadership Caucus held in conjunction with the National Education Computing Conference. Philadelphia, PA.

**National Presentations (Non Refereed)**

Davis T. (2007, June). *Engaging and empowering 21st century learners.* Presented at the Digital Equity Summit held at the National Educational Computing Conference, Atlanta, GA.

Davis T. (2006, June). *The digital divide critical dimensions and solutions*. Presented on panel at the Digital Equity Summit held at the National Educational Computing Conference, San Diego, CA.

Davis, T., & Denton, J. (2004, December). *Supervision, authentic assessment, and support: Online learning communities that work.* Presented at the U.S. Department of Education, Transition to Teaching Project Directors’ Meeting, Crystal City, VA.

Davis, T. (2004, June). *Making the case for making the case for educational technology.* Presented at the International Society for Technology in Education (ISTE) Leadership Symposium, National Educational Computing Conference, New Orleans, LA.

Davis, T., & Denton, J. (2004, December). *Supervision, authentic assessment, and support: Online learning communities that work.* Presented at the U.S. Department of Education, Transition to Teaching Project Directors’ Meeting, Crystal City, VA.

Davis, T. (2004, June). *Making the case for making the case for educational technology.* Presented at the International Society for Technology in Education (ISTE) Leadership Symposium, National Educational Computing Conference, New Orleans, LA.

Denton, J., Davis, T., Smith, B., & Clark, F. (2002, July). *On-Line alternative certification program for secondary science teachers.* Paper presented at the U.S. Department of Education, Preparing Tomorrow’s Teachers to Use Technology (PT3) Annual Meeting, Washington, D.C.

Davis, T., Strader, A., Clark, F., & Denton, J. (2002, July). *The eEmpowerment zone portal: Resources and strategies that support field-based education.* Electronic presentation at the U.S. Department of Education, Preparing Tomorrow’s Teachers to Use Technology (PT3) Annual Meeting, Washington, D.C.

Davis, T. (2002, June). *Increasing digital literacy skills in communities of color through strong leadership.* Presented at the International Society for Technology in Education (ISTE) Minority Leadership Symposium. National Educational Computing Conference, San Antonio, TX.

Davis, T. & Denton, J. (2001, August*). eEmpowerment zone: On-line learning system.* Preparing Tomorrow’s Teachers to Use Technology (PT3) Annual Meeting, Washington DC.

Davis, T. (2001, June). *Mapping the digital divide.* International Society for Technology in Education (ISTE) Minority Leadership Symposium, Planning Committee. National Educational Computing Conference, Chicago, IL.

**Invited Keynotes/Presentations – State Conferences**

Davis, T. (2011, September). *Encouraging African American and Hispanic Girls to Seek STEM Careers*. Invited Keynote, Cultivating Hispanics and African Americans’ Reading, Math, and Science (CHARMS) Conference. Texas A&M University.

Davis T. (2009, February). Invited Presentation, Texas Computer Educator’s Association Conference, Past Presidents Luncheon. Austin, TX.

Davis T. (2008, February). *Learning and leading in a digital world: NETS-S, NETS-T and more*. Invited keynote at the Alaska Society for Technology in Education (ASTE) Conference, Anchorage, AL.

Davis T. (2007, February). Invited Presentation, Texas Computer Educator’s Association Research Symposium. Austin, TX.

**State Presentations (Non Refereed)**

Davis, T. & Shepperson, J. (2003, February). *Texas STaR Chart, tool for assessing school technology and readiness.* Presented at the Texas Computer Education Association (TCEA) State Conference, Austin, TX.

Denton, J., Davis, T., & Strader, A. (2001). *Preliminary report of the 2000 Texas public school technology survey.* Presented at Telecommunications and Infrastructure Fund Board (TIFB), Austin, TX, March, 2001.

Davis, T. (1999, February). *SCR\*TEC says Y2K (yes 2 kids) and SCR\*TEC presents: Creating web enhanced instruction.* Presented at the Nineteenth Annual Texas Computer Education Association State Conference, Austin, TX.

Davis, T. (1999, February). *SCR\*TEC Intensive ’98 projects and Intensive ’99 opportunities.* Presented at the Nineteenth Annual Texas Computer Education Association State Conference, Austin, TX.

Davis, T.& Jolly, D., (1998, February). *SCR\*TEC resources, tools and professional development model.* Presented at the Texas Center for Educational Technology Conference, Austin, TX.

**University Presentations (Non Refereed)**

Carpenter, B. S., & Davis, T., Merchant, Z., &Mohammed, M.\* (2009). *Exploring educational possibilities in virtual worlds: Teaching digital humanities and visual culture in Second Life.* Presented at Teaching with Technology Conference, Texas A&M University.

**Invited Lectures/Presentations – University**

Davis, T. (2010, December). *Curriculum and instruction, mathematics and equity: Highlighting research and instructional projects in Second Life.* Invited Presentation at African American Professional Organization Lecture Series, Texas A&M University.

Davis, T. (2010, November). *Highlighting research and instructional projects in Second Life.* Invited Presentation at the College of Education and Human Development, Advisory Council Meeting.

Carpenter, B. S., & Davis, T. (2009, November). *Digital humanities in the Metaverse: A report on the design, implementation, and the future of Glasscock Island.* Presented at Evans-Glasscock Fellow Lecture, Texas A&M University.

Davis, T. (2009, June). *ISTE’s National educational technology standards.* Invited Speaker at Online Executive EdD Program Summer Experience 2009, Texas A&M University.

Davis, T. (2009, May). *A statewide evaluation of districts’ readiness for online testing.* Invited Speaker at TLAC Graduate Student Organization Meeting, Texas A&M University.

Davis, T. (2008, November). *Refreshing the focus: National educational technology standards (NETS) 2.0 & more.* Invited Speaker at the State Of Texas Education Research Center Seminar Series, Texas A&M University.

Davis, T. (2009).Invited Speaker at the Disciplinary Knowledge and Research in Curriculum and Instruction Course with Dr. Patricia Larke, Texas A&M University.

Davis, T. (2007, March). *Relationship of educator preparation and development technology level of progress to two school district demographic variables.* Invited Speaker at Department of Communication Colloquium, Texas A&M University.

Davis, T. (2006). *Relationship of educator preparation and development technology level of progress to two school district demographic variables.* Presented at Seminar in Science Education, Department of Teaching, Learning, and Culture, Texas A&M University.

Davis T. (2005). *Promising online resources for technology rich instruction*. Invited Speaker at Phi Delta Kappa, Fall Meeting. Texas A&M University. College Station, TX.

Davis T. (2005). *Online resources for bilingual educators*. Invited Speaker at Bilingual Education Student Organization Meeting. Texas A&M University. College Station, TX.

Davis, T. (2000). *Developing web-based science lessons using TrackStar.* Presented at Partnership for Environmental Education and Rural Health (PEER) Intensive 2000, Texas A&M University.

**Select Invited Lectures/Presentations – Public School**

Davis, T. (2010, August). *Unpacking the national educational technology standards (NETS).*Invited Presentation to Sitka School District E2T2 Wave Grant Leadership Team, Alaska Second Life Island.

Davis, T. (2010, January). *Exploring instructional possibilities in Second Life: Opportunities for increased professional engagement in an immersive learning community.* Invited Presentation to Anchorage School District Grant Leadership Team, Anchorage Alaska Second Life Island.

Davis, T. (1997). *Best practices in distance learning at a Texas middle school.* Invited Speaker

at the Kentucky Educational Technology Conference. Scott County, KY.

**SPECIAL PROJECTS AND INSTRUCTIONAL DEVELOPMENT**

(2009) Developed *Institute for Digital Humanities and Media White Paper*. Proposal selected as one of the Texas A&M University landmark areas; created by a university-wide interdisciplinary team of scholars.

Carpenter, B.S., & Davis, T.J. (2008).*Glasscock Island*. Developed island in virtual environment of *Second Life* for research and instruction in digital humanities, visual culture, and teaching/learning strategies (http://slurl.com/secondlife/Glasscock/109/97/30).

Davis, T. (2007-2008). Designed prototype for online instructional modules for the Verizon Early Literacy Program along with design team, Texas A&M University.

Erwin, B., & Davis, T., McTigue, E. (2007-2008). Designed and co-developed four online reading modules for the Verizon Early Literacy Program, Texas A&M University.

Davis, T. (2006). Designed prototype for online instructional modules for the Verizon ESL Literacy Program, Understanding Culture through Folk Tales. Texas A&M University.

Erwin, B., & Davis, T. (2006). Designed and co-developed four online instructional modules for the Verizon ESL Literacy Program, Texas A&M University.

Davis, T. (2003). Designed prototype for online instructional modules for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T. (2003). Designed prototype for online instructional modules for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T. (2003). Designed and developed the *Online Resource Applications* module for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T. (2003). Designed and developed the *eCommunication Tools and Applications* module for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T., & Spencer, K. (2003). Designed and developed the *TrackStar 1: Finding Online Lessons* module for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T., & Spencer, K. (2003). Designed and developed the *TrackStar II: Preplanning an Online Lesson* module for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T., & Spencer, K. (2003). Designed and developed the *TrackStar III: Developing an Online Lesson* module for the Accelerate Online secondary teacher certification program, Texas A&M University.

Davis, T., Jessup, G. & Spencer, K. (2000). Designed and developed *Choosing Science eClips* video library and *Developments in Science Resource* for middle school learners. National Space Biomedical Research Institute, Texas A&M University.

Davis, T., & Spencer, K. (2000). Designed and developed the *Web Design I: Developing an Online Portfolio* module for the Technology Mentor Fellowship Program, Texas A&M University.

Davis, T., & Spencer, K. (2000). Designed and developed the *Web Graphics I* online module for the Technology Mentor Fellowship Program, Texas A&M University.

Davis, T., & Spencer, K. (2000). Designed and developed the *Web Graphics II online* module for the Technology Mentor Fellowship Program, Texas A&M University.

Davis, T. (2000). Designed and developed the *Web Graphics III* online module for the Technology Mentor Fellowship Program, Texas A&M University.

Denton, J., Davis, T. & Georgis, G. (2000). Designed prototype and developed space-related science online modules, *Energy: It's Everywhere*, *EM Radiation in Everyday Life*, and *Radiation: Where Does It Come From?,* for middle school learners. National Space Biomedical Research Institute, Texas A&M University.

Davis, T. & Spencer, K. (1999-2000). Designed prototype for earth science online modules for middle school learners. Ocean Drilling Distance Learning Program Development, Texas A&M University.

Hunter, J., Davis, T., Spencer, K., & PEER Development Team (1999-2002). Designed prototype and co-developed environmental health science (Water Quality) online modules for middle school learners. Partnership for Environmental Education and Rural Health, Texas A&M University.

Klemm, W., Davis, T., Spencer, K., & PEER Development Team. (1999-2002). Designed prototype and co-developed environmental health science (Cell Biology) online modules for middle school learners. Partnership for Environmental Education and Rural Health, Texas A&M University.

**NON-PRINT MEDIA (Significant Educational Design Product)**

*Software Tool for eLearning Environment*

Davis, T.J., & Strader, R.A. eEmpowerment Zone and Integrated ePortfolio System (Learning Management System). Primary delivery system for the Accelerate Online teacher certification program. Available from http://empowermentzone.tamu.edu http://empowermentzone.tamu.edu/portfolios/center

Courses Developed/Taught

EDCI 676 [formerly 689] Evaluation and Implementation of Electronic Learning Materials

EDCI 675 Teaching Strategies: Patterns of Learning

EDCI 619 Teaching and Learning Number and Quantity Concepts

EDCI 603 [formerly 689] Professional Development Strategies for Teachers

EDCI 644 Curriculum Development

EDCI 602 Cultural Foundations in Education

Note EDCI 676 [Evaluation and Implementation of Electronic Learning Materials] was formerly EDCI 689 [Online Development Strategies for Instructional Materials].

**SCHOLARLY AND PROFESSIONAL ACTIVITIES**

**National/International**

Program Committee, Society for Technology in Teacher Education (SITE) Conference, 2011-2012

Past President, International Society for Technology in Education (ISTE), 2009-2010.

President, International Society for Technology in Education (ISTE), 2007-2009.

Associate Editor, School Science and Mathematics Journal 2007-2011.

President-Elect, International Society for Technology in Education (ISTE), 2006-2007.

Treasurer, International Society for Technology in Education (ISTE), 2005-2006.

Online Learning Advisory Committee, U.S. Department of Education, 2006.

Proposal Reviewer, National Science Foundation, Advanced Technological Education Grant Competition, 2005.

Treasurer, International Society for Technology in Education (ISTE), 2004-2005.

Chair or Co-Chair, ISTE Board Committees (President’s Council 2007-2009, Finance Committee 2004-2006, Nominations and Appointments Committee 2006 and 2009, Policy and Procedures Committee 2003 and 2004).

Co-Chair, National Education Computing Conference, ISTE Digital Equity Summit, 2007.

Steering Committee, National Education Computing Conference, ISTE Digital Equity Summit, 2006.

Co-Chair, National Education Computing Conference, ISTE Leadership Symposium, 2004.

Co-Chair, National Education Computing Conference, Minority Leadership Symposium, 2002.

Steering Committee, National Education Computing Conference, Minority Leadership Symposium, 2001.

United States Department of Education – Challenge Grant Evaluation Team 1995.

**State**

Appointment to the Texas Education Agency, Educational Technology Advisory Committee, 2005-2008.

Appointed Co-Chair to the Texas Education Agency, Educational Technology Advisory Committee, 2001-2003.

Master Technology Teacher Standards Development Committee, State Board of Educator Certification (SBEC), 2001.

**Texas A&M University - Service**

University

Honors Program Executive Director, Search Committee, 2010.

Center for Teaching Excellence, Portal Committee, 2009-Present.

Panel Presentation, New Faculty Orientation, Fall, 2007.

Panel Discussion, *Mathematics Teaching Options*. Mathematics Career Fair, Fall 2005.

College of Education and Human Development/Department

CEHD Committee on Diversity, 2012

Search Committee Member, Associate Professor of Urban Education, 2011-2012

Executive EdD Program, Steering Committee, 2008-2009.

Committee for Online Learning and Evaluation (COLE), 2008-2009.

Department of Teaching, Learning, and Culture Evaluation Committee, 2008.

Educational Research Exchange, Faculty and Student Poster Judge, 2007.

Search Committee Member, Assistant Professor of Mathematics Education, 2007.

Executive EdD Program – Course Framework Planning Committee, 2007-2008.

Executive EdD Program, Program Development – Completed course revisions for EDCI 689/676 Evaluation and Implementation of Electronic Learning Materials; and EDCI 689/603 Professional Development Strategies for Teachers, August 2007.

Educational Research Exchange, Proposal Reviewer. December 2006.

Education Research Exchange, Faculty and Student Poster Judge, January 2006.

## Professional Membership (*Past and Current*)

International Society for Technology in Education (ISTE)

American Educational Research Association (AERA)

National Council for Teachers of Mathematics (NCTM)

Association of Educational Communications and Technology (AECT)

Texas Computer Educators Association (TCEA)

**FORMER STUDENTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student** | **Dept.** | **Graduation Yr.** | **Degree** | **Role** |
| Terry Kidd | TLAC | 2011 | Ph.D. | Co-Chair/Advisor (Larke) |
| Zahra Moghadsian Rad | TLAC | 2011 | Ph.D | Member |
| Ayana Allen | TLAC | 2011 | Ph.D. | Member |
| Su-yeon Kim | TLAC | 2011 | Ph.D. | Member |
| Muhammad Iqbal | TLAC | 2011 | M.Ed. | Co-Chair (Larke) |
| Marsha Rohe | TLAC | 2011 | M.Ed. | Member |
| Lowell Kane | TLAC | 2011 | M.Ed. | Member |
| Kevin Richard | EDTC | 2011 | M.Ed. | Mmeber |
| Nina Jo Saint | TLAC | 2011 | M.S. | Member |
| Stacey Kuehn | TLAC | 2010 | M.Ed. | Co-Chair/Advisor (Kelly) |
| Kathleen Everling | TLAC | 2009 | Ph.D. | Member |
| Kimberly Murawski | TLAC | 2009 | M.Ed. | Member |
| Tashia Terry | TLAC | 2009 | M.Ed. | Member |
| Helen Sullivan | TLAC | 2008 | Ph.D. | Member |
| Stephanie Bean | TLAC | 2008 | M.Ed. | Co-Chair |
| Erin Foster | TLAC | 2008 | M.Ed. | Member |
| Christina Gray | TLAC | 2008 | M.Ed. | Member |
| Lindsey Schoppe | TLAC | 2008 | M.Ed. | Member |
| Michael Twigg | TLAC | 2008 | M.Ed. | Member |
| Veronica Vallejo | TLAC | 2008 | M.Ed. | Member |
| Stacey Brown | TLAC | 2007 | M.Ed. | Member |
| Allison Schulz | TLAC | 2007 | M.Ed. | Member |
| Susan Skidmore | TLAC | 2007 | M.Ed. | Member |
| Tiffany Hamlin-Lipsett | TLAC | 2006 | M.Ed. | Member |
| Harold Skidmore | TLAC | 2006 | M.Ed. | Member |
| Valerie Stark | TLAC | 2006 | M.Ed. | Member |

**CURRENT STUDENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Student** | **Dept.** | **Degree** | **Role** |
| Chih-Feng Chien | TLAC | Ph.D. | Co-Chair/Advisor (Slattery) |
| Gloria Tachia | TLAC | Ph.D. | Co-Chair/Advisor (Larke) |
| Lizzy Newsome | TLAC | Ph.D. | Co-Chair (Helfeldt) |
| Zahira Merchant | EPSY | Ph.D. | Member |
| Diane Peterson | TLAC | Ph.D. | Member |
| Siwei Qi | TLAC | Ph.D. | Member |
| Melanie Woods | TLAC | Ph.D. | Member |
| Anna Pat Alpert | TLAC | Ph.D. | Member |
| Sarah Jane Anderson | TLAC | Ed.D. | Member |
| Melanie Boon | TLAC | M.Ed. | Co-Chair (Kelly) |
| Deanna Greene | TLAC | M.Ed. | Co-Chair (Kelly) |
| April Lynn St. John | TLAC | M.Ed. | Member |
| *Marlene Burns* | TLAC | M.Ed. | Member |
| *Jane Duke* | TLAC | M.Ed. | Member |
| Mary Hlozek | TLAC | M.Ed. | Member |
| *Judy Hudek* | TLAC | M.Ed. | Member |
| Virginia Huff | TLAC | M.Ed. | Member |
| *Katie Phelan* | TLAC | M.Ed. | Member |
| Molly McCarty | TLAC | M.Ed. | Member |

**COURSES TAUGHT AT TEXAS A&M UNIVERSITY: TEACHING ADDENDUM**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE  I.D.** | **TERM** | | **COURSE**  **TITLE** | **NO. ENROLL** | **FORMAT** | **STUDENT EVALUATION** |
| EDCI 676 –  699/700 | Fall 2011 | Evaluating and Implementing Electronic Learning Materials | | 22 | Web-based  Bb Vista & Second Life | 4.58/5.0, 4.91/5.0  Avg. = 4.75 |
| EDCI 675 –  600/700 | Spring 2011 | Teaching Strategies: Patterns of Learning | | 28 *(Overload)* | Web-based  Bb Vista & Second Life | 5.0/5.0, 4.72/5.0  Avg. = 4.86 |
| EDCI 676 – | Spring 2011 | Evaluating and Implementing Electronic Learning Materials | | 19 | Web-based  Bb Vista & Second Life | 2.55/5.0 (n=2), 4.96/5.0 (n=7) Wt. Avg. = 4.42 |
| EDCI 675 – 700 | Spring 2010 | Teaching Strategies: Patterns of Learning | | 14 | Web-based  Bb Vista & Second Life | 4.96 |
| EDCI 675 –  600/700/720 | Fall 2009 | Teaching Strategies: Patterns of Learning | | 22  *(Overload)* | Web-based  Bb Vista& Second Life | 4.56 |
| EDCI 603 - 600/700/720 | Fall  2009 | Professional Development Strategies for Teachers | | 25  *(Overload)* | Web-based  Bb Vista& Second Life | 4.30 |
| EDCI 675 –  600/700/720 | Spring  2009 | Teaching Strategies: Patterns of Learning | | 11 | Web-based  Bb Vista | 4.45 |
| EDCI 675 –  600/700/720 | Fall  2008 | Teaching Strategies: Patterns of Learning | | 14 | Web-based  Bb Vista | 4.45 |
| EDCI 619 –  600/700 | Fall  2008 | Teaching and Learning Number and Quantity Concepts | | 9 | Web-based  Bb Vista | 3.98 |
| EDCI 644 – 700 | Spring  2008 | Curriculum Development | | 23  *(Overload)* | Web-based  Bb Vista | 4.32 |
| EDCI 689 – 700 | Spring  2008 | Professional Development Strategies for Teachers | | 14 | Web-based  Bb Vista | 4.05 |
| EDCI 689 – 700 | Fall  2007 | Online Development Strategies for Instructional Materials | | 10 | Web-based  Bb Vista | 5.0 |
| EDCI 644 – 700 | Spring  2007 | Curriculum Development | | 24 *(Overload)* | Web-based Bb Vista | 3.91 |
| EDCI 602 – 602 | Spring  2007 | Cultural Foundations in Education | | 12 | On-site  *Web-Supported* | 5.0 |
| EDCI 689 – 701 | Fall  2006 | Online Development Strategies for Instructional Materials | | 7 | Web-based  Bb Vista | 4.45 |
| EDCI 619 – 600 | Fall  2005 | Teaching and Learning Number and Quantity Concepts | | 9 | On-site  *Web-Supported* | 4.51 |

**PARTICIPATION IN PROFESSIONAL DEVELOPMENT**

2011- AERA Conference, Mixed Data Analysis Techniques Workshop

2010 –ISTE Conference, Teacher Education SIG Seminar on Technology Pedagogical Content Knowledge

2010 –Texas A&M University, Second Life Users Group

2010 - Promethean Professional Development Session

2009 - National Education Computing Conference, Teacher Education SIG Seminar/Luncheon

2009 - EDUsummIT (Invited working group), Discussed implications of findings from International Handbook of Information Technology in Primary and Secondary Education

2009 - Writing Workshop for Assistant Professors, Dr. Patricia Goodson, CEHD

2009 - The Academic Portfolio: A New and More Effective Way to Document Teaching, Research, and Service, Dean of Faculties and Associate Provost Office, TAMU

2008 - Quantitative Statistics Bi-Weekly Seminars with Dr. Bruce Thompson, TAMU

2008 - Qualitative Research Methods Bi-Weekly Seminars with Dr. Yvonna Lincoln, TAMU

2008 - Using Qualtrics (for data collection and for building online surveys), Ben Smith, CEHD

2007 - Podcasting Workshop (developing and integrating podcasts in instruction), Instructional Technology Services, TAMU

2007 - Seminar for Online Executive Ed.D. Course Developers (resources and best practices for course designers), Francis Hunter, CEHD

2006 - Teaching Portfolio Workshop, Center for Teaching Excellence, TAMU