

**Mia Kim Williams, PhD**

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**BACKGROUND INFORMATION**

**Education**

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|--|------|
| Arizona State University, Ph.D. in Curriculum and Instruction,<br>Interdisciplinary Curriculum Studies   | 2008 |
| Defense: May 2008. Dissertation Title: Imagining the Future<br>of Public School Classrooms: Preservice Teachers' Pedagogical<br>Perspectives about Using Information and Communication<br>Technologies in their Future Classrooms<br>Chair: Gustavo Fischman,<br>Members: Eric Margolis, Alfredo Artilles, Maria Cardelle-Elawar |      |
| Arizona State University West, M.Ed. Secondary Education,<br>Educational Media & Computers   | 1999 |
| Northern Arizona University, B.S. Secondary Education<br>Major: English                      Minor: Geology  | 1995 |

**Professional Credentials**

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|---|------|
| Arizona Standard Secondary Teacher Certificate (7-12)<br>Areas of Certification: English, Earth Science, Technology | 1995 |
| Intel Teach to the Future Preservice Teacher Certified Instructor   | 2002 |

**Professional Experience**

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|---|--------------|
| Assistant Professor of Educational Technology and Social Foundations<br>College of Education and Behavioral Sciences,<br>School of Teacher Education<br>University of Northern Colorado | 2009-present |
| Clinical Assistant Professor and Coordinator MAC/InMAC programs<br>College of Teacher Education and Leadership,<br>Arizona State University, Education Downtown                         | 2008-2009    |
| Lecturer of Educational Technology,<br>College of Teacher Education and Leadership,<br>Arizona State University at the West campus  | 2002-2008    |
| Educational Technology Specialist, College of Education,<br>Arizona State University at the West campus   | 2000-02      |
| Science & English Teacher, Agua Fria Union High School District, Arizona  | 1996-00      |
| English Teacher, Flagstaff Unified School District, Arizona   | 1995-96      |

**Honors and Awards**

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|---|-----------|
| SIGTE Research Paper Award, International Society of Technology<br>in Education, Teacher Education Special Interest Group<br>Paper title: Innovative Technologies, Small Groups, and a Wiki:<br>A 21st-Century Preservice Experience Founded on Collaboration | 2008      |
| Preparing Future Faculty, Arizona State University  | 2007-2008 |

Graduate Student Fellowship, Arizona State University	2006
Wakonse-Arizona Fellowship, Arizona, USA	2006
SUN Award (Serving University Needs), Arizona State University	2005
Exemplary Use of Technology in an Introductory Technology Course, Contemporary Issues in Technology and Teacher Education	2003
International Society for Technology in Education National Educational Technology Standards Distinguished Achievement Award	2002
Gama Beta Phi Society, Arizona State University (VP of West campus)	1999
Teacher Recognition Award, from Class of 2001, Agua Fria High School	1998
Kappa Delta Phi Society, Arizona State University at the West campus	1998
“Super Owl” Award for Outstanding Work, AFUHSD	1997
Teacher Recognition Award, Flagstaff, AZ, USA	1995

## SCHOLARSHIP AND RESEARCH

### Publications

#### REFEREED JOURNAL ARTICLES

- Williams, M., Foulger, T. & Wetzel, K. (2009). *Preparing Preservice Teachers for 21st Century Classrooms: Transforming Attitudes and Behaviors About Innovative Technology*. Journal of Technology and Teacher Education. 17 (3), pp. 393-418. Chesapeake, VA: AACE.
- Wetzel, K., Foulger, T., & Williams, M.K. (Winter 2008-2009). The evolution of the required educational technology course. *Journal of Computing in Teacher Education*. 25(2) 67-71.
- Foulger, T. S., Williams, M. K., & Wetzel, K. (2008). We innovate: The role of collaboration in exploring new technologies. *International Journal of Teaching and Learning in Higher Education*, [online serial], 20(1), 28-38. Available: <http://www.isetl.org/ijtlhe/current.cfm>
- Foulger, T. S. & Williams, M.K. (2007). Filling the gap with technology innovations: Standards, curriculum, collaboration, success! *Journal of Computing in Teacher Education*, 23 (3), 91-98.
- Beckett, C., Wetzel, K., Chisholm, I., Zambo, R., Buss, R., Padgett, H., Williams, M. K., & Odom, M. (2006). Staff development to provide intentional language teaching Technology-rich K-8 multicultural classrooms. *Computers in the Schools*, 25(3/4), 23 -30.
- Wetzel, K., Wilhelm, L., & Williams, M. K. (2004). The introductory technology course: A tool for technology integration. *Contemporary Issues in Technology and Teacher Education* [Online serial], 3(4). Available: <http://www.citejournal.org/vol3/iss4/general/article4.cfm>
- Wetzel, K., Williams, M. K. (2004). Changing teacher education: Mission possible. *Journal of Computing in Teacher Education*. 21 (2) 45-49.
- Kelley, M., Wetzel, K., Padgett, H, Williams, M. K., & Odom, M. (2003). Early childhood teacher preparation and technology integration: The Arizona State University West experience. *Contemporary Issues in Technology and Teacher Education* [Online serial], 3(1) (16 pages printed). Available: <http://www.citejournal.org/vol3/iss1/general/article5.cfm>

Beckett, E., Wetzel, K., Chisholm, I., Zambo, R., Buss, R., Padgett, H., Williams, M. K., & Odem, M. (2003). Supporting technology integration in k-8 multicultural classrooms through professional development. *TechTrends*, 47(5) 14-17.

#### PUBLISHED CONFERENCE PROCEEDINGS

Arcambault, L., Foulger, T.S., Wetzel, K., Williams, M.K. (2009) Professional development 2.0: Transforming university pedagogy with 21<sup>st</sup> century tools. *Proceedings of the National Educational Computing Conference*. Washington, DC: International Society for Technology in Education.

Foulger, T. S., Williams, M.K., Wetzel, K. (2008) Innovative Technologies, Small Groups, and a Wiki: A 21st-Century Preservice Experience Founded on Collaboration. *Proceedings of the National Educational Computing Conference*. San Antonio, TX: International Society for Technology in Education.

Williams, M.K., Foulger, T.S., Wetzel, K. (2008). Creating 21<sup>st</sup> century teachers: Preservice experience for shifting attitudes and long-term behaviors with technology. *Annual Convention of the American Educational Research Association*, New York, NY: March 24-28.

Williams, M. K. (2008). Preservice Teachers' Pedagogical Perspectives about Incorporating Information and Communication Technologies into their Future Classrooms. In K. McFerrin et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 4015-4022). Chesapeake, VA: AACE

Grove, K., Foulger, T., Wetzel, K., Archambault, L., Williams, M. & Strudler, N. (2008). Diffusing Innovations: Sharing University Assignments. In K. McFerrin et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 3763-3768). Chesapeake, VA: AACE.

Williams, M.K., Foulger, T. & Wetzel, K. (2007). Creating Innovators: Can the Exploration of New Technologies in Teacher Education Programs Develop Early Adopters?. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2007* (pp. 1733-1738). Chesapeake, VA: AACE.

Williams, M.K. & Foulger, T. (2006) Filling the Gap with Technology Innovations: Standards, Curriculum, Collaboration, Success! *Proceedings of the National Educational Computing Conference*. San Diego, CA: International Society for Technology in Education.  
[http://web.uoregon.edu/ISTE/uploads/NECC2006/KEY\\_13698760/Williams\\_fillingthegapfinalnecc\\_RP.pdf](http://web.uoregon.edu/ISTE/uploads/NECC2006/KEY_13698760/Williams_fillingthegapfinalnecc_RP.pdf)

Williams, M.K. & Kelley, M. (2005). Moving Forward: Using eFolios for Program Assessment and Accreditation in an Elementary Education Teacher Preparation Program. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (p. 247). Chesapeake, VA: AACE.

Williams, M.K. & Carter, H. (2005). Using Technology to Engage Preservice Teachers in Developing Perceptions of Teacher Identity. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 1089-1090). Chesapeake, VA: AACE.

Williams, M.K., Wetzel, K. & Wilhelm, L. (2004). Trials and Tribulations of Reflective Practices in Preservice Teacher Electronic Portfolios. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2004* (pp. 301-306). Chesapeake, VA: AACE.

- Stirling, D., Williams, M. & Padgett, H. (2004). Investigating the Effectiveness of Video Case Use in Teacher Education. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2004* (pp. 2663-2668). Chesapeake, VA: AACE.
- Clark, P., Topp, N., Wetig, S., Williams, M. K., Wetzel, K., & Wilhelm, L. (2004) Two paths to enlightenment: Total integration vs. the required educational technology course as a means to teach technology integration. In R. Ferdig & C. Crawford (Eds.), *Technology and teacher education annual, 2004: Proceedings of the fifteenth international conference of the Society of Informational Technology and Teacher Education*. (pp. 4287-4289). Charlottesville, VA: Association for the Advancement of Computing in Education.
- Wetzel, K. & Williams, M. K. (2003). Evaluating preservice student progress toward the NETS-T. In C. Crawford, N. Davis, J. Price, & D. Willis. (Eds.) *Technology and Teacher Education Annual* (pp. 210 - 213) Norfolk, VA: Association for the Advancement of Computing in Education.
- Wetzel, K. & Williams, M. K. (2003). Changing teacher education faculty: Mission possible. *Proceedings of the National Educational Computing Conference*. Eugene, OR: International Society for Technology in Education.
- Beckett, E., Wetzel, K., Chisholm, I., Padgett, H., Williams, M. K., & Zambo, R. (2002) Preservice and inservice teachers collaborating with technology in K-8 multicultural classrooms: Year 2. In D. Willis, J. Price, J. Willis (Eds.) *Technology and Teacher Education Annual* (pp. 1501-1507) Charlottesville, VA: Association for the Advancement of Computing in Education.

### Conference Presentations

- Williams, M. K., Carter, H., Wise, C. (2009) Engaging Urban K-12 students in Natural Sciences: A Community Partnership. *Session presented at What Works in Educational Partnerships Conference*. Phoenix, AZ: Arizona State University, Office of the Vice President for Education Partnerships.
- Foulger, T.S., Williams, M.K., Wetzel, K. (2008) SIGTE Research Paper Award: Innovative Technologies, Small Groups, and a Wiki: A 21st-Century Preservice Experience Founded on Collaboration. *Award spotlight session presented at National Educational Computing Conference*. San Antonio, TX: International Society for Technology in Education
- Wetzel, K., Foulger, T., Williams, M.K. (2007) Preservice students of tomorrow: Bridges to the use of new technologies. *Poster presented at National Educational Computing Conference*. Atlanta, GA: International Society for Technology in Education.
- Williams, M.K. (2006) Using images and video for teacher development, Part 1: Identity. *Concurrent Session presented at the National Educational Computing Conference*. San Diego, CA: International Society for Technology in Education.
- Williams, M.K. (2006) Using preservice teacher eFolios for program review and accreditation. *Poster presented at the National Educational Computing Conference*. San Diego, CA: International Society for Technology in Education.
- Foulger, T.S., Williams, M., Lewallen, G., & Wetzel, K. (2006) Visioning. *Presented at the Teaching and Learning Fair*. Glendale, AZ: Arizona State University at the West campus.
- Williams, M.K. (2004) Electronic portfolio project using TaskStream. *Concurrent session presented at the Assessment and Technology Forum: Promising Practices that Support*

*Student Learning Workshop of the National Educational Computer Conference.* New Orleans, LA: International Society for Technology in Education.

Crockett, K., Williams, M.K., Barfoot, H., & Prescott, D. (2004) Assessment tools, digital portfolios, and accreditation. *Session Presented at the ISTE Assessment and Technology Forum: Promising Practices that Support Student Learning at the National Educational Computer Conference.* New Orleans, LA: International Society for Technology in Education.

Williams, M. K., & Wetzel, K. (2003) Electrified! Using standards based ePortfolios for preservice teacher assessment. *Concurrent session presented at the National Educational Computing Conference.* Seattle, WA: International Society for Technology in Education.

Wetzel, K. & Williams, M. K. (2003). A model for course development through student evaluation. *Poster presented at the ASU West Faculty Research Poster Session.* Glendale, AZ: Arizona State University

Wetzel, K., Williams, M. K., Padgett, H. & Odom, M. (2002) It takes a village to create fearless users of technology. *Session presented at the National Educational Computing Conference.* San Antonio, TX: International Society for Technology in Education.

### **Funded Grants**

Williams, M.K. (2009). Building Collaborative Teacher Knowledge through Web 2.0 Tools. \$3,035 funded through the FRPB Travel Award. Provost Office, University of Northern Colorado.

Wetzel, K., Foulger, T.S., Williams, M.K., Archambault, L. (2007). Preparing 21<sup>st</sup> Century Elementary Education Teacher Educators to Teach and Learn with Social Networking Tools. \$8700 funded through the Excellence in Research Award. College of Teacher Education and leadership, Arizona State University.

Foulger, T. & Williams, M.K. (2005) Filling the Gap with Innovations. \$12,000 funded through the College of Teacher Education and Leadership, Arizona State University at the West campus.

Hansen, C. C., Hinde, E., Zambo, R., William, M.K. (2005). Arizona Classrooms of Tomorrow Today: Integrating Technology in the Content Areas. \$60,000 requested through the Arizona Board of Regents Improving Teacher Quality Grant Program.

Hansen, C., Painter, S., Wilhelm, L., Williams, M.K., Zambo, R. Arizona Classrooms of Tomorrow Today. Arizona Board of Regents (ABOR). \$60,000, February 2004- February 2005.

Wetzel, K., Zambo, R., Wilhelm, L., Williams, M. K., and Painter, S. Arizona Classroom of Tomorrow Today: Integrating Technology Across the Curriculum. Arizona Board of Regents (ABOR) Improving Teacher Quality Competition. \$50,000, Feb. 15 2003- Feb. 14, 2004.

Wetzel, K., Wilhelm, L., Williams, M.K. Re-designing COE 313 to Include Online Support. Instructional Development and Support Grant. ASU West. \$13,000. May 5, 2003-May 4, 2004.

### **Non-Funded Grants**

Research: Arizona Classrooms of Tomorrow Today (AZCOTT) Integrating Technology into the Content Areas (proposal prepared for submission to 2006 ABOR Improving Teacher Quality Grant Program ~\$200,000).

## TEACHING

### Courses Taught at University of Northern Colorado

Applications of Educational Technology (ET 501)  
Technology in Education- Elementary/Secondary (ET 247/249)  
Educational Technology Applications for Elementary/Secondary Teaching (ET 347/349)

### Courses Taught at Arizona State University

#### Teacher Education

American Education System (TEL/EDA 505)  
Educational Technology in the K-12 Curriculum (TEL 313-hybrid)  
Instruction and Management in the Inclusive Classroom (TEL 311)  
Working with Diverse Student Populations (EDA 598)  
Case Studies in Educational Problems (EDT 549-online)  
Science Methods (EED 411)  
Technology in Math & Science/Language Arts & Social Studies (EDT 548/547)

#### Lower Division

Computer Literacy (CSE 180)  
Understanding the Culturally Diverse Child (TEL 212)

### Courses Taught in K-12

Earth Science (physical, geology, astronomy)  
Scientific Discovery (inquiry/research methods)  
Space Exploration  
American Literature  
Freshman English (composition and short stories)

## SERVICE

### Professional

Chair, Graduate Student Scholarship Award Committee, SIGTE, ISTE	2009-10
Reviewer, Research Papers for American Education Research Association (AERA) Annual Meeting.	2006, 2008, 2009,
Reviewer, Research Papers for National Educational Computing Conference (NECC), International Society of Technology in Education (ISTE)	2005-09

### Community

Consultant, Shadow Rock Preschool	2007
Technology support, Madison #1 Middle School SUCCESS Project (SUCCESS = Support, Understanding, and Community Commitment Ensure Student Success)	2004-05
Web designer/consultant, Shadow Rock Preschool	2005-05
Curriculum expert & technology support, Arizona Classrooms	2002-06

of Tomorrow Today Project

Volunteer and event coordinator, Arizona Science Olympiad 2001-03

**Campus**

Arizona State University

Course coordinator, curriculum and instruction, CTCL 2009  
Member, CTCL Data Steering Committee 2007-2009  
Member, CTCL Innovative Curriculum Committee 2007-2009  
Member, CTCL Distance Education Summit Committee 2007-2008  
Program Coordinator, CTCL Student Achievement/Electronic Portfolio Project 2007-2008  
Coordinator, Elementary Education Electronic Portfolio Project 2004-2008  
Member, CTCL Elementary Education Accreditation Team 2006-2007  
Member, CTCL Educational Technology (TEL 313) Course Planning Committee 2002-2008  
Member, CoE Technology Committee 2001-2002

Agua Fria Union High School District

Teacher-leader, Teaching Strategies w/ Technology 1999-2000  
Sponsor, National Honor Society 1999-2000  
Spirit Line Head Coach 1997-2000  
Committee Member, District Technology Committee 1997-2000  
Sponsor, Freshman Class 1996-2000  
Assistant Track Coach 1997

Flagstaff Unified School District

Assistant Track Coach 1996  
Speech & Debate Team Sponsor 1995-96

**Professional Memberships**

American Association for the Advancement of Curriculum Studies (AAACS)  
American Education Research Association (AERA)  
    SIG- Educational Change  
    SIG- Critical Issues in Curriculum  
    SIG- TACTL  
Association for the Advancement of Computing in Education (AACE)  
International Society for Technology in Education (ISTE)

SIG-Teacher Education  
SIG- Digital Equity

International Visual Sociology Association (IVSA)

Society of Information Technology and Teaching Education (SITE)