

CURRICULUM VITAE

Tariq T. Akmal

Department of Teaching & Learning
College of Education
Washington State University
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(509) 335-4703

Education

Ph.D. Washington State University
Pullman, WA 1997

M.A. Washington State University
Pullman, WA 1996

B.A. Washington State University
Pullman, WA 1988

Specialization

Curriculum & Instruction
Middle School Education
Social Studies Education

Curriculum & Instruction
Middle School Education
Social Studies Education

English

Teacher Certification, 1988

English/Social Studies Education

Experience in Higher Education

2016 July 1- present Chair, Department of Teaching & Learning

2015 July 1- June 30, 2016 Interim Chair, Department of Teaching & Learning

2013 August 1- present Assistant Chair, Department of Teaching & Learning

2012 (June 15- June 30, 2013) Interim Co-Chair, Department of Teaching & Learning

2010-Present Director of Teacher Education (all campuses)

2009-2010 Interim Coordinator, Secondary Education Program (Undergraduate and MIT).

2005-Present Associate Professor, Department of Teaching & Learning, Washington State University, Pullman, WA.

2008-2009 Interim Co-Director of Engineering Education Research Center, and Liaison to College of Engineering & Architecture.

1997-2005	Assistant Professor, Department of Teaching & Learning.
2000-2006	Program Coordinator for Secondary Education (Graduate program with teacher certification).
1998-2006	Program Coordinator for Secondary Education (Undergraduate program).
1998-2000	Faculty Coordinator for Elementary/Secondary Education Practicum Programs.
1994-1997	Graduate Student/Teaching Assistant, Washington State University. Responsibilities included teaching elementary/secondary classroom management and elementary social studies methods.

Additional Assignments

2015-Present 2012-2014; 2008-2010	Coordinator, Curriculum & Instruction Graduate Program
2009-2010	Lead Member, Middle Level Science Endorsement Development Committee
2008	Lead Member, Middle Level Math Endorsement Development Committee
2007-2011	Co-Counselor, Kappa Delta Pi Educational Honorary Society (2007-2011).
1997-2005	Advisor, 30+ (annually) undergraduate education students (elementary and secondary).
1998	Coordinator, College of Education Summer Doctoral Fellows Program
1995-1996	Coordinator, Literacy and Service Learning Project Partnership, Department of Teaching & Learning and Lincoln Middle School, Pullman School District
1994-1999	Coordinator, Middle School Class Partnership, Department of Teaching & Learning and Lincoln Middle School, Pullman School District
1994-1995	Graduate Student Member, Secondary Education Program Revision Committee

Other Educational Experience

1993-1994	Vice President and President <i>Pro Tempore</i> , Pullman Education Association.
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- 1988-1994 English/Social Studies Teacher (also grade level chair and coach) Lincoln Middle School, Pullman School District, Pullman, WA.
- 1986 (Spr.) Long Term Substitute Teacher, Lahore American School, Lahore, Pakistan.

Publications

Refereed Journals

- Lamb, R., Firestone, J., Schmitter-Edgecombe, M., & Akmal, T., & Vallett, D. (Under review, 2017). A computational modeling of student cognitive process while solving critical thinking problems in science. *Trends in Neuroscience Education*.
- Lamb, R., Annetta, L., Firestone, J. B., Vallett, D.B., Shapiro, M., Matthews, B., Akmal, T. & McManus, C. (In press). Psychosocial factors impacting STEM career selection in Computer Science and Engineering. *Social Science Research* (2016).
- Lamb, R., Akmal, T., & Petrie, K. (2015). Development of a cognition-priming model of STEM learning, *Journal of Research in Science Teaching*, 52 (3) 410-437.
- Lamb, R., & Cavagnetto, A., & Akmal, T. (2014). Examination of the nonlinear dynamic systems of science student cognition while engaging in science information processing. *International Journal of Science and Mathematics Education*, 1-19.
- Lamb, R., Vallett, D., Akmal, T., & Baldwin, K. (2014). Computational modeling of student cognitive process in science education. *Computers & Education*, 79, 116-125
- Frost, J. H., Akmal, T. T., & Kingrey, J. (2010). Goals, roles, and process: Implications of inter-organizational mathematics professional development planning groups as communities of practice. *Professional Development in Education*, 36 (4), 581-595.
- Akmal, T.T. & Larsen, D.E. (2008, Fall). Moving good teaching to great teaching: Student-focused approaches to the middle grades. *Washington State Kappan*, 2(2), 10-13.
- Larsen, D.E. & Akmal, T.T. (2007, March). Making decisions in the dark: Disconnects between retention research and middle level practice. *NASSP Bulletin*, 91, 33-56.
- Akmal, T., Oaks, M.M., & Barker, R. (2006, Fall). The state of technology education: A national report on the state of the profession. *Journal of Educational Administration* (Thailand), 2 (1), 126-140. [Reprinted from *Journal of Industrial Teacher Education*, 39(4), 1-20.]
- Akmal T.T. & Larsen, D.E. (2004). Keeping history from repeating itself: Involving parents about retention decisions to support student achievement. *Research in Middle Level Education Online*, 27(2), 1-14. <http://nmsa.org>
- Akmal, T. T. & Maring, G.H. (2004, Autumn). Bridging the gap: Using cyber partnerships to connect with distant schools. *The Teacher Educator*, 40(2), 69-87.

Akmal, T. & Miller, D. (2003, May). Overcoming resistance to change: A case study of revision and renewal in a secondary education teacher preparation program. *Teaching and Teacher Education*, 19, 409-420.

Akmal, T.T. & Ayre-Svingen, B. (2002, November/December). Integrated biographical inquiry: A student centered approach to learning. *The Social Studies*, 93, 272-277.

Akmal, T., Oaks, M.M., & Barker, R. (2002, Summer). The state of technology education: A national report on the state of the profession. *Journal of Industrial Teacher Education*, 39(4), 1-20.

Akmal, T.T. (2002, Spring). Who knows it all when it comes to middle school social studies? The almanac! *Social Studies Journal*, 3, 14-24.

Akmal, T.T. (2002, January/February). Ecological approaches to sustained silent reading: Conferencing, contracting, and relating to middle school students. *The Clearinghouse*, 75, 154-157.

Refereed Conference Proceedings

Himmer, P., Anderson, R. & Akmal, T. (2017, June) *Fluidic channels in the classroom: Fabrication and Integration in Fluid Mechanics*. Proceedings of the American Society for Engineering Education (ASEE) Annual Conference June 25-28, Columbus, OH.

Invited Journal Publications (Editor Reviewed)

Larsen, D.E. & Akmal, T.T. (2010, March/April). Help wanted: Enthusiastic middle-level teachers. *Principal*, 89 (4), pp.62-63.

Akmal, T., Frost, J. H., & Larsen, D. (2009, Spring). School-university partnerships: Varying roles, contexts, and outcomes. *Curriculum in Context*, 36(1), 9-12.

Akmal, T. T., & Larsen, D. E. (2005). Neither social promotion nor retention: Finding a middle path. *Middle Matters, On-line* 13(5).

Akmal, T. (1997, Fall). Multicultural children's literature and K-8 social studies: A perfect partnership. *Curriculum in Context* 24(1), 8-10.

Ruff, T.P. & Akmal, T. (1995, Spring). Experimenting in pre-service middle level education. *Curriculum in Context*, 22(3), 23-24.

Book Chapters

Slavit, D., deVincenzi, A., Akmal, T., & Lesseig, K. (in press). Promoting community and core practices in a multi-site middle level mathematics program. In P. B. Howell, S. A. Faulkner, J. P. Jones, & J. Carpenter (Eds.) *Preparing Middle Level Educators for 21st Century Schools: Enduring Beliefs, Changing Times, Evolving Practices*. Charlotte, NC: Information Age Publishing.

Akmal, T. & Husain, R. (2017). Teaching Pakistani children in American schools. In Egbert, J. & Ernst-Slavit, G. *Understanding our ELLS: Integrating language and culture into every classroom*.

Larsen, D.E. & Akmal, T.T. (2005, reprinted 2013). Intentional planning in the age of accountability: Explorer Middle School's approach. In Parkay, F.W. Anctil, E., & Hass (Eds.), *Curriculum planning: A contemporary approach*, (8th Ed.). (pp. 403-409). Boston: Allyn & Bacon.

Akmal, T.T. (2000). Teach middle school and all this too? Teachers' concerns about standards based curricula. In Parkay, F.W. and Hass G. (Eds.), *Curriculum planning: A contemporary approach*, (7th Ed.). (pp. 394-397). Boston: Allyn & Bacon.

Works in Progress

Lamb, R., Annetta, L., Firestone, J., Akmal, T., & Antonenko, P. (Rejected-now in revision) Classroom A meta-analysis. *International Journal of Gaming and Computer Mediated Simulations*, (2016).

Lamb, R., Annetta, L., Firestone, J., Akmal, T., & Adesope, O. (Rejected-now in revision). A meta-analysis with examination of moderators of student cognition, affect, and learning outcomes while using Serious Educational Games, Serious Games, and Simulations in the science classroom. *Educational Research Review*, (2016).

Akmal, T.T., Larsen, D.E., & Kowalkowski, J. *To be or not to be? This We Believe and a tale of two schools*. Manuscript in preparation.

Akmal, T. and Lamb, R.L. *Testing beliefs about teacher admissions*. Manuscript in preparation.

Akmal, T. & Miller, D. *Pre-Service Teachers Perspectives on Characteristics of Effective Teachers and Successful students*. Manuscript in preparation.

National/International Curriculum Guides

Miller, A., Oaks, M., & Akmal, T. (1999, Spring). *Rock falls: Preventing rock fall injuries in underground mines*. An award-winning, nationally distributed mine safety training video and trainer's manual developed on consultation contract with the Spokane Research Laboratory, Office for Mine Safety and Health Research, National Institute for Occupational Safety and Health.

Akmal, T. (1992, Fall). New world meets old... and nothing will ever be the same. In Ruff, Thomas P. (Ed.), *The Christopher Columbus quincentennial, 1492-1992: An information resource and activity guide for teachers*. (pp.122-135). Association for School Curriculum Development, Permanent Collection.

Coles, S. & Akmal, T. (1992, Fall) Europe in 1492: A time of change. In Ruff, Thomas P. (Ed.), *The Christopher Columbus quincentennial, 1492-1992: An information resource and*

activity guide for teachers. (pp. 1-9). Association for School Curriculum Development, Permanent Collection.

Ruff, T.P., Akmal, T. et al. (1992). *Voyages of Columbus, 1492-1503: A teacher's curriculum guide.* Nationally/internationally distributed by the Christopher Columbus Quincentenary Jubilee Commission, Washington, DC.

National Conference Presentations (Refereed)

Akmal, T. & Larsen, D.E. (2017). *Rural Middle Grades Principals: Unique Students, Unique Settings, Unique Skills.* Presentation at the annual meeting of the Association for Middle Level Education Conference, Philadelphia, PA.

Himmer, P., Anderson, R. & Akmal, T. (2017, June) *Fluidic channels in the classroom: Fabrication and Integration in Fluid Mechanics.* Presentation at the American Society for Engineering Education (ASEE) Annual Conference, Columbus, OH.

Akmal, T.T. (2012, November). *A middle school in the wheat fields: What matters are the kids.* Presentation at the annual meeting of the Association for Middle Level Education Conference, Portland, OR.

Akmal, T.T., Larsen, D.E., and Lotz-Drlik, J. (2009, November). *What keeps us teaching middle school? Understanding who stays, who goes, and why.* Paper presentation at the annual meeting of the National Middle School Association Conference, Indianapolis, IN.

McDuffie, A.R., Raphael, J., Akmal, T.T. (2008, January). *Benefits and challenges in implementing a professional learning community in an elementary school.* Presentation at the annual meeting of the American Mathematics Teacher Educators Conference, Tulsa, OK.

Akmal, T.T. & Larsen, D.E. (2005, November). *Slower and louder doesn't cut it: Student and parent perceptions of being retained.* Paper presented at the annual meeting of the National Middle School Association Conference, Philadelphia, PA.

Larsen, D.E. & Akmal, T.T. (2004, November). *Making decisions in the dark: The disconnect between retention research and practice.* Paper presented at the annual meeting of the National Middle School Association Conference, Minneapolis, MN.

Akmal, T.T. & Larsen, D.E. (2004, April). *Aligning state reform with middle school needs: Contextualizing accountability pressure for school renewal.* Paper presented at the annual meeting of the American Educational Research Association Conference, San Diego, California.

Akmal, T.T. & Larsen, D.E. (2003, November). *Keeping history from repeating itself: involving parents about retention decisions to support student achievement.* Paper and poster presented at the annual meeting of the National Middle School Association Conference, Atlanta, GA.

Akmal, T. T. & Maring, G.H. (2003, March). Beyond PDS models: Using traditional and cyber practices to construct distant university/K-12 partnerships. In J. Zenger (Chair) *National innovations that enhance teacher quality: Successful partnership models that make the grade*. Symposium paper presented at the annual meeting of the National Professional Development Conference, Orlando, FL.

Akmal, T.T. & Hagstrom, K. (2002, November). *Improving teacher effectiveness through understanding young adolescent needs*. Paper presented at the annual meeting of the National Middle School Association Conference, Portland, OR.

Parkay, F.W., Akmal, T. T., & Oaks, M.M. (2001, April). *Strategic planning by education, arts, sciences, & humanities faculty: A case study of a collaborative approach to restructuring a teacher education program*. Paper presented at the annual meeting of the American Educational Research Association Conference, Seattle, WA.

Akmal, T.T., Banks, S.R., Maring, G.M., & Shinew, D. M. (2001, January). *Distance, diversity and systemic change in a flagship partnership*. Presentation at the annual meeting of the Holmes Partnership Conference, Albuquerque, NM.

Akmal, T.T. (2000, May). *Contract and conference-based silent sustained reading: more than just reading*. Paper presented at the annual meeting of the International Reading Association Conference, Indianapolis, IN.

Akmal, T. T. (1998, April). *Second language learners and the middle school philosophy: A conflict between theory and practice*. Poster presented at the annual meeting of the American Educational Research Association Conference, San Diego, CA.

Peer Reviewed Poster Presentations

Lamb, R., Vallett, D., Akmal, T., Schmitter-Edgecomb, M., & Cunningham, R. (2016). *A computational modeling of student cognitive processes while solving critical thinking problems in science*. Poster presented at the International Conference of National Association for Research in Science Teaching (JRST). Baltimore MD.

Invited National Conference Presentation

McDuffie, A.R. & Akmal, T.T. (2008, March). *Constructivism as a guiding perspective for school-based professional development*. Invited presentation for the Constructivism in Math SIG at the annual meeting of the American Educational Research Association Conference, New York.

Regional, State, & Local Conference Presentations

Refereed

Baldwin, K.A., Lamb, R., and Akmal, T.T. (2014, March). *Does content matter? The science teaching self-efficacy and content knowledge of pre-service elementary teachers in a*

revised elementary education program. Washington State University Academic Showcase, Pullman, WA

Lamb, R., Annetta, L., Baldwin, K., & Akmal, T. (2014), *Computational modeling in education: An examination of student critical reasoning*, Poster presented at Washington State University Academic Showcase. Pullman, WA.

Lamb, R., Vallett, D., Baldwin, K., & Akmal, T. (2014, March). *Application of a computational model in Science Education: Analysis of critical reasoning in science learning*. Washington State University Academic Showcase, Pullman, WA.

Akmal, T.T. & Miller, D. (2010, March). *Changes in Pre-service Teachers Beliefs About Teaching As They Progress through the Teacher Education Program*. Washington State University Academic Showcase, Pullman, WA.

Ruff, T.P. and Akmal T.T. (1996, January). *The town-gown partnership: Experimenting with pre-service middle level education: An update*. Paper presented at the annual Washington Association for School Curriculum Development Conference (Refereed Conference), Spokane, WA.

Ruff, T.P. and Akmal T.T. (1995, February). *The town-gown partnership: Experimenting with pre-service middle level education*. Paper presented at the annual Northwest Association of Teachers & Educators Conference (Refereed Conference), Coeur D'Alene, ID.

Invited or Non-Refereed

Akmal, T.T. (2014, March). *Curriculum that Works: Developmental, Relevant, and Guided by Students*. Invited presentation at Idaho Middle Level Association annual conference, Nampa, ID

Akmal, T.T. (2014, March). *Why Smarter Balanced Assessments Should Matter to You*. Invited presentation at Idaho Middle Level Association annual conference, Nampa, ID. (2 sessions)

Akmal, T.T. (2013, March). *The Smarter Balanced Assessment Consortium (SBAC) and You: An Update*. Invited presentation at Idaho Middle Level Association annual conference, Lewiston, ID.

Akmal, T.T. (2012, March). *Middle School 101/202: Understanding Developmentally Responsive Approaches*. Invited presentation at Idaho Middle Level Association annual conference, Idaho Falls, ID.

Akmal, T.T. & Oaks, M. M. (September, 2001). *Implementing contextual teaching & learning in the secondary teacher preparation program restructuring process at Washington State University*. Presentation at the annual Northwest Regional Lab Menucha Conference, Portland, OR.

Akmal, T.T. (2000, October). *Contract and conference-based silent sustained reading: Moving middle school students beyond just reading*. Paper presented at the annual Washington Organization for Reading Development Conference, Richland, WA.

Akmal, T.T. (1998, November). *Successful classroom management: A proactive or reactive process?* Paper presented at the annual Nishinomiya School Partnership Conference, Pullman, WA.

Grants

Funded

Highfill, M. (Principal Investigator), Akmal, T. (Co-Principal Investigator), Ehrlinger, J. (Co-Principal Investigator) *Teacher Preparation Student Support Services proposal to US Department of Education*. Submitted January 2015, funded August 2015. **(\$1,100,000)**.

Lamb, R. (Principal Investigator) & Akmal, T. (Co-Principal Investigator), Department of Teaching & Learning-Pullman/Spokane Faculty support grant (competitive internal funding grant, \$3000 maximum) for Interactive Electronic Rubric for Admissions (IERA). Submitted September 2013, funded October 2013. **(\$2250)**

Baldwin, K. (Principal Investigator) & Akmal, T. (Co-Principal Investigator) College of Education Faculty Funding Award (competitive internal funding grant, \$9000 maximum) for *The Science Teaching Self-efficacy and Content Knowledge of Preservice Elementary Teachers in a Revised Elementary Education Program*. Submitted April 2012, funded June, 2012. **(\$5970)**

Prabu, D. (Principal Investigator), Hindman, D., Pinkleton, B., Austin, E., & Akmal, T., *Fighting Obesity with Student Generated Videos and Community Participation*. Empire Health Foundation, Spokane, WA. Submitted summer of 2011 for \$25,000 and funded September 2011 **(\$10,000)**.

Prabu, D. (Principal Investigator), Hindman, D., Akmal, T., & Peterson, J. *User-Generated Content to Promote Wellness in Schools*. Empire Health Foundation, Spokane, WA. Submitted summer of 2011 for \$20,000 and funded in August 2011 **(\$10,000)**.

Olsen, R. (Principal Investigator) & Akmal, T. (Co-Principal Investigator) for Supplemental monies request (20%) for *Underrepresented Engineers as Mathematics Teachers in their Home Communities* project. NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted spring 2010 and funded July 2010 **(\$47,059)**.

Olsen, R. (Principal Investigator) & Akmal, T. (Co-Principal Investigator) for Supplemental monies request (20%) for *Underrepresented Engineers as Mathematics Teachers in their Home Communities* project. NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted spring 2009 and funded July 2009 **(\$47,059)**.

Akmal, T. & Miller, D. College of Education Faculty Funding Award (competitive internal funding grant, \$5000 maximum) for *Changes in Pre-service Teachers Beliefs about Teaching as they Progress through the Teacher Education Program*. Submitted October 2008, funded December 2008 (**\$5000**).

Akmal, T. & Westhoff, G. The Ken & Marleen Alhadeff Teachers of Teachers Faculty Awards (competitive internal funding grant, \$1500 maximum award) for *Using Video for Reflective Teaching*. Submitted November 2007, funded January 2008 (**\$1488.19**).

Olsen, R. (Principal Investigator) & Akmal, T. (Co-Principal Investigator) for *Underrepresented Engineers as Mathematics Teachers in their Home Communities*, NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted in March 2006, funded August, 2006 (**\$282,352**).

Akmal, T., Helmstetter, E., Maring, G., Oaks, M., Pavel, M., Shinew, D. Co-Principal Investigators for *Collaboration for Teacher Education Accountable for Children with High-Needs (CO-TEACH)* Title II Teacher Quality Enhancement Grant. Washington, D.C.: U.S. Department of Education, 1999-2004. Submitted June, 1999, funded September 1999 (**\$9.67 million**).

Maring, G.H., Akmal, T., & Shinew, D. (November 16, 1998-August 31, 1999). *National Service Learning in Teacher Education* Partnership Grant [Regional Office coordinator Dr. Jeffrey Anderson (Seattle University)]. Washington, D.C.: learn and Serve America/Corporation for National Service. Funded: **\$4000**

Grants (Not Funded)

Akmal, T. (Principal Investigator) & Olsen, R. (Co-Principal Investigator) for *Monitoring, Evaluating, and Retaining Effective Teacher-Engineers in Secondary Schools*. NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted spring 2012 for \$200,000.

Sanchez-Lanier, M. (Principal Investigator), Akmal, T., McCubbin, A., & Wherland, S. Olson, J.C. (Co-Principal Investigators). *Noyce Scholarships: Meeting the demand for Science and Math Teachers in Rural Washington*. NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted March 2011 for \$1,198,740.

Sanchez-Lanier, M. (Principal Investigator), Akmal, T., Mantle-Bromley, C., McCubbin, A., & Wherland, S. C (Co-Principal Investigators). *Noyce Scholarships: Meeting the demand for Science and Math Teachers in Rural Washington*. NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted March 2010 for \$1,200,000.

Akmal, T., Holapa, K., & Miller, D. *Increasing Competent Stem Teachers*. Boeing Cybergrant Funding competition. Submitted February 2010 for \$100,000.

Norton, G. (Principal Investigator), Bahr, D., Akmal, T. & Beller, J. (Co-Principal Investigators) for *Partnering STEM Faculty, Doctoral Students and High Schools in Creating a Sustainable Energy Future*. NSF Graduate K-12 Partnership grant project. Washington DC: National Science Foundation. Submitted July 2008 for \$2,895,539.

Olsen, R. (Principal Investigator) & Akmal, T. (Co-Principal Investigator) for *Underrepresented Engineers as Mathematics Teachers in their Home Communities*, NSF Science, Technology, Engineering, & Mathematics grant project. Washington, DC: National Science Foundation. Submitted March 2005, requested \$250,000

Grant Project Work

Project Evaluator, *Building Capacity for College Readiness Standards (CRS) in Mathematics through 11-16 Teacher/Faculty Professional Learning Communities* (Janet Frost, Principal Investigator). Grant from Higher Education Coordinating Board (Title IIA Federal Block Grant to State of Washington), Office of the Superintendent of Public Instruction, Olympia, WA. August 2008-September 2009; **\$160,241.33**

Project Steering Committee Member, *Building Capacity for College Readiness Standards (CRS) in Mathematics through 11-16 Teacher/Faculty Professional Learning Communities* (Joan Kingrey, Principal Investigator). Grant from Higher Education Coordinating Board (Title IIA Federal Block Grant to State of Washington), Office of the Superintendent of Public Instruction, Olympia, WA. August 2007-September 2008; **\$210,669.67**

Principal Investigator, Project Director, and Evaluator, *Partnerships in Inquiry* Grant from Higher Education Coordinating Board (Title IIA Federal Block Grant to State of Washington), Office of the Superintendent of Public Instruction, Olympia, WA. I took over in Year 2 and “earned” Year 3 funding, which then resulted in my involvement in J. Kingrey’s grant (above). June 2006-September 2007; **\$215,087**

College representative and member in partnership with Wenatchee and Moses Lake School Districts as part of the North Central ESD Consortium of Schools for Technology. Project purpose: through K-12 partnerships, to prepare pre-service and in-service rural teachers to effectively use technology in the classroom. Funded by the US Department of Education grant to the National Institute for Community Innovations. June 1999-2002.

School/University Partnership through the Contextual Teaching & Learning Academy with three Pullman School District Teachers. Facilitated by the University of Washington Center for the Study of At-Risk Learners. Project Purpose: to integrate contextual teaching and learning practices into the secondary teacher education program and classroom practice. 1998-1999.

Technical Reports

Teacher Education Program Review Report for Department of Teaching and Learning, Washington State University. Report submitted to Professional Education Standards Board of Washington (Written in July-August 2014; addendum written in January 2015; Program Review Approved in May 2015).

Annual Evaluation Report for *Building Capacity for College Readiness Standards (CRS) in Mathematics through 11-16 Teacher/Faculty Professional Learning Communities* (Reports submitted in 2008, 2009 to Mark Bergeson, Higher Education Coordination Board, Olympia, WA

Partnerships in Inquiry Final Evaluation Report submitted in September 2007 to Mark Bergeson at the Higher Education Coordination Board, Olympia, WA .

Service to the Profession

- President Elect, Washington Association of Colleges for Teacher Education, 2019-2020.
- Member, Executive Committee, Washington Association of Colleges for Teacher Education, 2017-present
- Member, Association for Middle Level Education (AMLE) Finance and Audit Committee (Board of Trustees standing committee), 2015-2017
- Chair, Association for Middle Level Education (AMLE) Finance and Audit Committee (Board of Trustees standing committee) 2013-2015.
- Member, AMLE Elections Committee, 2013-2015.
- Leader, AMLE Board Book Study, *Race for Relevance: Five Radical Changes for Associations* (2012-2103).
- Institutional Co-Leader, College Board Affinity Network Common Core Standards Alignment project (in collaboration with Eastern Washington University, Spokane School District, and Spokane Community College. Spring 2012-Spring 2013.
- Judge for AMLE Teams that Make a Difference Award. Spring, 2012.
- Member, AMLE Advocacy Committee for policy advocacy (Board of Trustees' subcommittee), 2010-2013.
- Review Board Member, *Chronicle of Middle Level Research* (2010-2012) as part of Middle Level Education Research Council duties.
- Executive Council Member, Middle Level Education Research Council of the American Educational Research Association. (2010-2012)
- West Region Trustee, Association for Middle Level Education (formerly NMSA) Board of Trustees. (2010-2012; 2012-2015.)
- Consulting Editor, *The Clearing House*, Heldref Publications, Washington, DC. (2001-present).
- *Ad hoc* Article Editor for SAGE Open's Editorial Board (2015).
- Consulting Editor/Editorial Board Member, *Research in Middle Level Education (RMLE) Online*, National Middle School Association, Westerville, OH (2007-present)
- Consulting Editor, *Northwest Passage: Journal of Educational Practices* (2007-2011)
- American Educational Research Association, Middle Level SIG Proposal Reviewer. (2001-2003; 2008)

Honors & Awards

- Department of Teaching & Learning, “Service to the Profession Award,” May 2012.
- Outstanding Faculty Award, Agricultural Education Club 2005, 2010, 2012.
- Marian E. Smith Teaching Award Nominee (WSU teaching award, nominated by Department Chair, E. Helmstetter), Fall 2004.
- Outstanding Manuscript Award (2003), Research Category, for “The state of technology education: A national report on the state of the profession.” *Journal of Industrial Teacher Education*, Volume 39, 2001-2002.
- AcademicKeys *Who's Who in Education*, May 2003, 2004, 2005
- Graduate Faculty Status, Washington State University, 2002
- College of Education Faculty Excellence Award for Service, May 2001.
- Lightspan Study Web Academic Excellence Award for web page used for T&L 303 course, Spring 2001
- College of Education Collaborative Teacher Preparation Excellence Award Nominee, April 2000
- Contextual Teaching & Learning Academy Fellow, University of Washington, Seattle, WA, May 1999
- *Who's Who Among America's Teachers*, 1998, 2003, 2005, 2006, 2007, 2010 (by student nomination)
- Honorary Membership in Washington State University Agricultural Education Club, February 1998
- Commencement Speaker, Graduate Student Representative, College of Education, Washington State University, May 1997
- Outstanding University Teaching Assistant Nominee, Washington State University, Spring 1997
- Senior Class Teaching Excellence Award, Pullman High School, Pullman School District, Spring 1997
- Phi Kappa Phi National Honorary, Washington State University, Spring 1995
- Outstanding Teacher Award, Lincoln Middle School, Pullman School District, 1991

Courses* Taught at Washington State University

T&L 136	Those Who Can, Teach! (University Discovery Course for freshman and sophomore undeclared majors)
TCH LRN 301	Learning and Development
T&L 302	Middle and Secondary Curriculum and Content Literacy Methods
T&L 303	Middle and Secondary Instructional and Content Literacy Methods
TCH LRN 304	Introduction to Middle School
T&L 330	Diversity in Schools and Society
T&L 315/316	Elementary Practicum
T&L 316/317	Secondary Practicum
T&L 404	Social Foundations of Education
T&L 464	Curriculum Planning, Instruction, and Content Literacy Methods
TCH LRN 513	Seminar in Middle Level Education
T&L 521	Topics in Education: Secondary School Curriculum and Instruction
T&L 522	Topics in Education: Secondary School Curriculum and Instruction
T&L 523	Topics in Education: Secondary School Curriculum and Instruction

T&L 540	Elementary School Social Studies Methods (at Tri-Cities Campus)
T&L 593	Ed.M. + Certification, Secondary Field Experience
Ed Ad 510	Improvement of Instruction
CH LRN 527	Seminar in Teacher Education Instruction

*Note: (Beginning in 2013, all T&L courses were designated TCH LRN.)

Committee Memberships

National

- Member, Association for Middle Level Education, Finance and Audit Committee (2015-Present)
- Trustee, Association for Middle Level Education, Board of Trustees (2010-2015)
- Executive Council Member, Middle Level Education Research Council of the American Educational Research Association. (2010-2012)

State

- Professional Education Standards Board *Ad Hoc* Working Group on Indicator-Based Program Site Review Committee (2015-Present)
- Washington Association of College Teacher Educators (WACTE; 2012-Present)
- Professional Education Advisory Board [P.E.A.B.] (1999-2002; 2003-2009; 2010-Present)
- Elementary Education Degree Transfer Agreement/Major Ready Pathway (DTA/MRP) Work Group for community college and 4-year institution teacher preparation alignment. (2012-2013)
- Washington State Gender Equity Project (1999-2000)
- Office of the Superintendent of Public Instruction Middle Level Standards/Endorsement Development Committee (2001)

Community

- Pullman School District Graduation Requirements Committee (2000-2001)
- Pullman School District Hiring Committee (elementary level). (2009)
- ECLIPSE Alternative Program (Pullman High School) Advisory Board (1999—2002)
- Pullman High School Senior Project Reading Group (2002-2006)

University

- Conduct Board Chair (2016)
- Conduct Board Member (2014-2016)
- Provost's ad hoc committee on Bellevue College (winter 2015-2016)
- Teacher Education Committee (1998-2002, 2009-Present)
- Faculty Senate Teaching Assistant Training Committee (2008-2011)
- Faculty Senate Graduate Studies Committee (2007-2008)
- Faculty Senate Committee on Committees (2005-2013)
- Regents Scholarship Review Committee (2003-2010)
- Faculty Senate Teaching Assistant Training Committee (1998-1999)

- Collaboration for Teacher Education Accountable for Children with High-Needs (CO-TEACH) Grant Project Steering Committee (1999--2005)

College

- Director of Graduate Studies Search Committee (2015)
- College Leadership Team (2012-Present)
- College Program Review Committee (2013-Present)
- Vancouver Academic Director Search Committee, 2012-2013.
- College Grant Proposal Review Committee (2010-2014)
- College Direct Admit Committee (2011-2012)
- College/University Retention Committee (2011-2012)
- Assessment Coordinator Search Committee member (Summer 2011)
- Middle Level Science Endorsement Committee (2010-2011)
- Middle Level Mathematics Endorsement Committee (2008-2010)
- Imagine Tomorrow Competition Steering Committee member (2008-2010)
- Engineering Education Research Center Interim Co-Director, (2008-2009)
- Assistant Director of Development Search Committee Member (2008)
- Scholarship Committee (2005-2008; 2016)
- Dean's Faculty Advisory Committee [DFAC] (2005-2006)
- College of Education Faculty Advisory Committee [CEFAC] (2005-2006)
- Faculty Excellence Award Selection Committee (2005-2006)
- Recruitment & Retention Officer Search Committee (2005-2006)
- Recruitment & Retention Officer Position Development Committee (2005)
- Multicultural Faculty Cluster Hiring Committee (2002-2003)
- CO-TEACH Mini-Grant Review Committee (2002-2004)
- Diversity Committee (2001--present)
- Collaboration for Teacher Education Accountable for Children with High-Needs (CO-TEACH) Grant Project Steering Committee (1999--present)
- Pullman School District Diversity Committee (1998-2000)
- Staff Excellence Award (1998-2000)

Department

- Agricultural Education Search Committee Member (through CAHNRS; spring 2014-December 2014)
- Mathematics Education Assistant Professor Search Committee, 2013-2014.
- Tri-Cities Mathematics/Science/Social Studies Education Assistant Professor Search Committee, 2013-2014.
- Special Education Assistant Professor Search Committee, 2012-2013.
- Principal Assistant Search Committee Member (Summer/Fall 2011)
- Agricultural Education Search Committee Member (through CAHNRS; Fall 2010-Summer 2011)
- Coordinator of Secondary Teacher Education Program (2009-2010)
- Departmental Leadership "Council" (2009-2012)
- Secondary Master's in Teaching Program Interim Coordinator (2009-2010)
- Graduate Studies Committee member (2008-present)

- Leadership in Curriculum & Instruction Committee Chair (2008-2010)
- Leadership in Curriculum & Instruction Committee member (2007-2008)
- Ed.D. Reconfiguration Committee (2007-2008)
- Accreditation *Ad Hoc* Committee on Engaged Learning (fall 2007)
- Secondary Education Program Committee member (2007-2009)
- Supplementary Search Committee Chair (Spring 2006)
- Chair's Search Committee (2004-2005)
- Elementary/Secondary Pre-Service Teacher Candidate Interview Protocol Development Committee (2002-2003)
- Elementary Education Search Committee (2001)
- Elementary/Secondary Program Assessment Committee (2001--present)
- Collaboration for Teacher Education Accountable for Children with High-Needs (CO-TEACH) Grant Project Principal Investigators Committee (1999--2005)
- State Accreditation Committees (1999-2000)
- Advanced Practicum Committee
- Assessment Matrix Committee
- Syllabi Review Committee
- Advanced Practicum Committee Chair (1998-1999)
- Pullman School District Practicum Committee (1998-2000)
- Secondary Education Search Committee Chair (1999-2001)
- Secondary Education Search Committee, WSU-Vancouver (1999)
- Secondary Education Program Committee Chair (1998--2006)
- Secondary Program Revision Committee Co-Chair (1998-2000)
- Student Affairs Committee (1997-2006)
- Teacher Preparation Program Assessment Committee (2004-2006)

Professional and Academic Association Memberships

American Educational Research Association

Middle Level SIG

Strategic Planning SIG

Association for Supervision & Curriculum Development

California Council on the Education of Teachers

International Reading Association

Phi Delta Kappa

Phi Kappa Phi

Kappa Delta Pi Education Honor Society

National Council for the Social Studies

National Education Association

Association for Middle Level Education (formerly National Middle School Association)

Washington Education Association

National Council for Teachers of English

Consulting Work

Consultant to Davenport School District, Davenport, WA. "Developing a New Middle School." Summer 2010-2014.

Contract with Lincoln Middle School, Pullman, WA. "Understanding and Using Teaming within the Middle School Philosophy." (Workshop). August 1999.

Contract with National Institute for Occupational Safety and Health Consultant (Spokane, WA. Developed trainers' curriculum guide and video for training miners on safe practice in underground mines. Produced in conjunction with Merrill Oaks and Arthur Miller. Spring 1999.

Contract with Pullman School District, Pullman, WA. "Screening Curricular Materials for Bias using a Bias Screening Form." (Workshop). August/September 1998.

Invited Speaker

Does Content Matter? The Science Teaching Self-Efficacy and Content Knowledge of Pre-Service Elementary Teachers in a Revised Elementary Program. Co-Presentation with Kathy Baldwin at College of Education Brown Bag Research Series, 2014.

American Secondary Education: Myths and Challenges. Rotary Club Luncheon Speaker Series. April 10, 2013, Pullman, WA.

Academic Success at Washington State University. WSU Summer Alive! Program presentation to parents. July 2003, 2004, Pullman, WA.

Relating and Responding to Middle Level Summer Camp Participants: Responsibilities and Expectations for Counselors. WSU Summer Cougar Quest Program, July 2003, 2004, 2005, 2007, Pullman, WA.

Career Pathways in Education. Pullman High School Career Opportunities Workshop, Pullman School District. December, 2001, Pullman, WA.

Supporting Your Student's Success at WSU. WSU Summer Alive! Program presentation to parents. June 2000, 2003 Pullman, WA.

Family Support for Middle School Success: Understanding and Relating to Your Middle Graders. Presentation to parents, grandparents, and children at the Pullman Baptist Church "Way to Care!" Program, June 2000.

Classroom Management for First Year Teachers. Presentation to elementary and secondary teachers at University of Idaho, December 1998, Moscow, ID.

Strategies for Successfully Interviewing for Your First Job. Agricultural Education Club, Washington State University, Spring 1998.

Tutoring K-12 Students in the Social Studies. Washington State University Literacy Corps, Washington State University, Fall 1997.

Interviewing for a Teaching Position. Student Teaching Seminar, Washington State University, Fall 1996, Spring 1997.

Teacher and School Influence on International Student Acculturation at the Middle Level—Implications for the Mainstream Classroom Teacher. Student Teacher Seminar, Washington State University, Fall 1996, 1997, Spring 1998.

The Role of the President and the Executive Branch. Intensive American Language Center, Washington State University, Fall 1996.

Methods of Teaching Social Studies (K-8)--Course Report, Reported to Washington State Professional Educational Advisory Board, Pullman, Spring 1996.

Managing School Students When You Are A Tutor. Washington State University Literacy Corps, Washington State University, Fall 1995.

Teaching Social Studies at the Middle Level. Social Studies Teaching Methods for Secondary School Teachers course, Washington State University, Spring 1995.

Teaching Middle School. Introduction to Elementary/Secondary Education course, panel member, Washington State University, Fall 1994, Fall/Spring 1993, Spring 1992.

Teaching Social Studies at the Middle Level. Presentation to Social Studies Teaching Methods for Elementary and Middle School Teachers course, Washington State University, Spring 1994, Fall 1993.

Using Literacy Strategies at the Middle Level. Reading Across the Content Area course, Washington State University, Fall 1993.

Stimulating Students to Think Critically. Writing Across the Curriculum course, Washington State University, Fall 1992.

Faculty Mentoring Committees

Janet Frost, Teaching & Learning (Chaired)

Jonah Firestone, Teaching & Learning (Member)

Donald McMahan, Teaching & Learning (Member)

Barbara Ward, Teaching & Learning (Member)

Susie Skavdahl, Teaching & Learning (Member)

Candis Carraway, Crop and Soil Science (Member)

JD Baser, Crop and Soil Science (Member)

Doctoral Students Chaired

Elizabeth Merino (ABD, will not complete)

Gail Gleason (ABD, will not complete)
Al Tayb Al Khaiyali (Co-Chair with B. Ward; Ph.D. completed 2014)

Doctoral Committee Member

Nancy Nelson (Ed.D. completed 2002)
Julie Peck (Ed.D. left program)
Kyla Ficek (Ph.D. left Program)
Linda Takami (Ed.D. completed 2009)
Samson Lyman (Ed.D. completed 2009)
Janine Darragh (Ph.D. completed 2010)
Chad Gotch (Ph.D. completed 2012)
Matthew Coulter (Ed.D. completed 2013)
Noah Schroeder (Ph.D. completed 2013)
Suda Shaman (Ph.D., completed in 2015)
Adam Attwood (Ph.D., completed 2015)
Aaron Dahlgren (Ed.D. completed 2015)
Josh Lloyd (Ph.D. completed summer 2015)
Caitlyn Scales (Ph.D. in progress)
Debra Pastore (Ph.D. completed summer 2016)
Jessica Beaver (Ph.D. in progress)
Hatim Abulhjeb (Ph.D. in progress)

Master's Students Chaired

Patrick Lovely (completed 2000)
Johanna Skoropinski (completed 2000)
Shana Ball (completed 2001)
Jennifer Larramore (completed 2002)
Brian Bolam (completed 2002)
Eric Smith (completed 2002)
Sarah Gonzales (completed 2003)
Tracy Womack (completed 2003)
Nola Albee (completed 2004)
Luke Hall (completed 2004)
Camarin Davidson (left unfinished)
Waylon Duncan (completed 2004)
Jennifer Hammer (completed 2004)
Heather Jones (completed 2004)
Drew Piper (completed 2004)
Julie Pollastro (completed 2004)
Drew Pritchard (completed 2004)
Kai Seshiki (completed 2005)
Danelle Skorupski (completed 2006)
Chris Staton (completed 2006)
Becky Swihart (completed 2007)
Laura Rarig (completed 2008)
Hayley Beckman (completed 2010)

Samantha Taylor (completed 2010)
Anthony Bates (completed 2010)
Suda Shaman (completed 2011)
Rebecca Burk (completed 2011)
Robyn Willow (completed 2012)
Krystin Linney (completed 2012)
Jamie Wiggins, (co-chaired; completed 2012)
Brittany Boe (co-chaired; completed 2013)
Layla Alhurishi (completed 2015)
Kara Winchell (completed 2015)
Renee Allison (completed 2015)
Thad Wheatley (co-chaired, completed 2015)
Claudia Pacioni (completed 2015)
Dalal Altheeb (completed 2015)
Kenneth Stull (completed 2016)
Ashley Tolley (completed 2016)
Allison Bowden (completed 2016)
Richard Farnsworth (completed 2016)
Israel Martinez (in progress)
Jonathan Schuh (in progress)
Elias Whitefoot (in progress)
Hannah Donaldson (in progress)
Joshuan Torrell (in progress)

Robert Frey (in progress)

Master's Student Committee Member

Seth Garrison (completed 1998)
Damon Higgins (completed 1998)
Paul Minckler (completed 1998)
Aleta Rice (completed 1999)
Niki Wolf (completed 1999)
LeaAnn Wood (completed 1999)
Kristi Kerns (completed 2000)
Catherine Kelly (completed 2000)
Pam Krepel (completed 2000)
Mary Merritt (completed 2000)
Carol Maloney (completed 2001)
Scott Stratton (completed 2001)
Bill Denzel (terminated from program)
Bess Hjartarson (completed 2002)
Michelle Iannitto (completed 2002)
Kristi Margeson (completed 2002)
Sarah Beck (completed 2003)
Jason Schmid (completed 2003)
Jona Bringhurst (completed 2004)
Samson Lyman (completed 2004)
Mari Stair (completed 2004)
Jeff Fankhauser (completed 2005)
Edward Eckles (unfinished)
Sumi Kim (unfinished)
David Rehburger (completed 2007)
Scott Koppa (completed 2007)
Miguel Saldana (completed 2008)
Kristen Maring (completed 2008)
Ryan Holmstrom (completed 2008)
Schurie Harrison (completed 2008)
Marnie Meacham Patton (completed 2008)
Daniel Albery (completed 2008)
Jennifer Gorder (completed 2009)
Colin McGrane (completed 2009)
Debra Webster (completed 2010)
Angela Witter (completed 2010)

David Ramsey (completed 2010)
Rachel Halvorsen (completed 2010)
Sara Strachila (completed 2010)
Maren Delaney (completed 2010)
Bert Benally (completed 2011)
Chelsea Vandebrake (completed 2011)
Peter Klosterman (completed 2011)
Cheryl Nance (completed 2011)
Josh Lloyd (completed 2012)
Lukas Anderson (completed 2013)
Kevin Freitag (Completed, 2014)
Josh Emery (completed, 2014)
Ryan Burtchett (completed, 2014)
Wendy Espinosa (completed 2014)
Marie (Mimi) Nemechek (completed 2015)
Jake McKissick (completed 2015)
Roy Escobar (completed 2015)
Cameron Schmidt (completed 2015)
Michelle Aakre (completed 2015)
William Autrey (completed 2015)
Betsy Scarborough (completed 2015)
Todd Hargrave (completed 2015)
Kyle Wade (completed 2015)
Michelle Lambert (completed 2015)
Ryan Smith (completed 2015)
Samantha Nettles (completed 2015)
Jessica Bydalek (completed 2015)
Steven Hayter (completed 2015)
Lateasha Lewis (completed 2015)
Adrienne Atzmilller (completed 2015)
Michael McClenathen (completed 2016)
Lori Sanderson (in progress)
Corinne Gaddis (in progress)
Erin Dunn (in progress)

Honors College Senior Theses Advised

Kerrin Molton (with distinction, December 2000)
Kimberly Ledgerwood (January 2001)
Victoria Harrod (May 2001)
April Schaneman (May 2001)

Christopher Johnson (May 2001)
Lindsay Tonkin (December 2003)
Chris Paulson (June 2004)
Mark Hanson (left WSU)
Kelsey Sprague (March 2005)
Diana Conley (March 2005)
Amanda Holroyd (February 2008)
Katie Corder (served as evaluator; December 2008)
Elizabeth Arment (served as evaluator; November 2009)