

Mark W. Olofson

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Education

- Ph.D.** Educational Leadership and Policy Studies, University of Vermont, May 2017
Dissertation: The Influence of Adverse Childhood Experiences, Families, Neighborhoods, and School Environments on Cognitive Outcomes among Schoolchildren
- M.A.** Curriculum and Instruction, University of Colorado Boulder, May 2009
- B.A.** Chemistry, Iowa State University, May 2004

Professional Experience

- 2017 –** **Postdoctoral Research Associate**, Center for Educational Research and Policy Studies, The University of Texas at El Paso.
PI: Dr. David S. Knight
- 2015 – 2017** **Teaching Assistant**, College of Education and Social Services, The University of Vermont.
Courses: Leading Learning Organizations, Education and Culture in New Zealand.
- 2015 – 2017** **Research Assistant**, Department of Leadership and Developmental Sciences, The University of Vermont.
PI: Dr. Kieran Killeen, Ph.D.
- 2013 – 2017** **Research Fellow**, Tarrant Institute for Innovative Education, The University of Vermont.
PI: Dr. Penny Bishop, Ed.D.

Scholarly Activity

Peer Reviewed Publications

- Netcoh, S., **Olofson**, M. W., Downes, J. M., & Bishop, P. A. (2017). Professional learning with action research in innovative middle schools. *Middle School Journal*, 48(3), 25–33. DOI: 10.1080/00940771.2017.1297665

Olofson, M. W. (2017). A new measurement of adverse childhood experiences drawn from the Panel Study of Income Dynamics Child Development Supplement. *Child Indicators Research*. In Press. DOI: 10.1007/s12187-017-9455-x

Olofson, M. W., & Garnett, B. (2017). Measuring the impact of professional development for student-centered pedagogies: A mixed methods study. *Professional Development in Education*. In Press. DOI: 10.1080/19415257.2017.1347805

Olofson, M. W. (2017). Public/private partnership schools in New Zealand: Justifications and context. *The William and Mary Educational Review*, 5(1).

Swallow, M. J. C., & **Olofson, M. W.** (2017). Contextual understandings in the TPACK framework. *Journal of Research on Technology in Education*. In Press. DOI:10.1080/15391523.2017.1347537

Olofson, M. W., Swallow, M. J. C., & Neumann, M. D. (2016). TPACKing: A constructivist framing of TPACK to analyze teachers' construction of knowledge. *Computers & Education*, 95, 188-201. DOI: 10.1016/j.compedu.2015.12.010

Downes, J. M., Bishop, P. A., Swallow, M., **Olofson, M. W., & Hennessey, S.** (2015). Collaborative action research for middle grades improvement. *Educational Action Research*, 24(2), 1–22. DOI: 10.1080/09650792.2015.1058169

Book Chapters

Hennessey, S., **Olofson, M. W., Swallow, M. J., & Downes, J. M.** (2015). Evolving pedagogy and practice: The 1:1 mathematics classroom through a TPACK lens. In M. Niess & H. Gillow-Wiles (Eds.), *Handbook of research on teacher education in the digital age* (pp. 2005–2033). Hershey, PA: IGI Global.

Manuscripts Under Review

DeMink-Carthew, J., **Olofson, M. W., Legeros, L., Netcoh, S., Hennessey, S. T.** (2017). Approaches of goal setting: An analysis of goal setting approaches within personalized learning environments. Manuscript submitted for publication

Olofson, M. W., (2017). Childhood adversity, families, neighborhoods, and cognitive outcomes: Testing structural models of the bioecological framework. Manuscript submitted for publication.

Olofson, M. W., Downes, J. M., Petrick Smith, C., LeGeros, L., & Bishop, P. A. (2017). Measuring teacher practices to support personalized learning in the middle grades.

Books Under Review

Killeen, K. M., & **Olofson**, M. W. (2017). Build surveys that work for you: An annotated guide of reliable and valid measures for PK-12 leaders. Prospectus submitted for review to Jossey-Bass Publishers.

Manuscripts in Progress

Killeen, K. M., & **Olofson**, M. W. (2017). Do moves matter as much as early adverse childhood experiences? New insights on the effects of school and residential mobility using the Panel Study for Income Dynamics.

Olofson, M. W., (2017). The role of school environmental factors supporting young adolescents with adverse backgrounds.

Peer Reviewed Presentations

DeMink-Carthew, J., **Olofson**, M. W., Legeros, L., Netcoh, S., Legeros, L., Hennessey, S. (April 2017). *An Analysis of Approaches to Goal Setting within Middle School Personalized Learning Environments*. Paper accepted for presentation at the 2017 Annual Meeting of the American Educational Research Association, San Antonio, TX.

Olofson, M. W. (April 2017). *The Relationship between Adversity and Cognitive Outcomes in Young Adolescents: The Role of School Climate*. Paper accepted for presentation at the 2017 Annual Meeting of the American Educational Research Association, San Antonio, TX.

Olofson, M. W., Downes, J. M., Bishop, P. A., Legeros, L., Netcoh, S., Legeros, L., Petrick Smith, C. (April 2017). *Measuring Teacher Practices to Support Personalized Learning in the Middle Grades*. Paper accepted for presentation at the 2017 Annual Meeting of the American Educational Research Association, San Antonio, TX.

Killeen, K., **Olofson**, M. W. (February 2017). *Do Moves Matter as Much as Early Adverse Childhood Experiences?* Sociology of Education Association 2017 Annual Conference, Pacific Grove, CA.

Olofson, M. W. (November 2016). *Adverse Childhood Experiences and Achievement in Young Adolescence: Moderation of Effects by Gender*. The 42nd Annual Research on Women and Education Fall Conference, Burlington, VT.

Olofson, M. W. (October 2016). *The Role of Middle Schools in Supporting Students with Early Adverse Experiences*. AMLE 2016 Annual Conference for Middle Level Education, Austin, TX.

DeMink-Carthew, J., **Olofson**, M. W., Legeros, L., Netcoh, S., Hennessey, S., Mark, R., ...Bishop, P. A. (October 2016). *Approaches of Goal Setting: An Analysis of Goal Setting Approaches within Personalized Learning Environments*. AMLE 2016 Annual Conference for Middle Level Education, Austin, TX.

- Downes, J. M., **Olofson**, M. W., Bishop, P. A., Farber, K., Hennessey, S., Legeros, L., ...Thompson, S. (October 2016). *Personalized and Ubiquitous Learning: Opportunities and Challenges in the Research of Emergent Phenomena in the Middle Grades*. AMLE 2016 Annual Conference for Middle Level Education, Austin, TX.
- Olofson**, M. W. (September 2016). *Leveraging the Panel Study for Income Dynamics to Measure Adverse Childhood Experiences*. Panel Study of Income Dynamics Annual User Conference, Ann Arbor, MI.
- Olofson**, M. W. (April 2016). *Shifting Teachers toward Student-Centered Practices: Struggles and Successes with Technology-Rich Professional Development*. Paper presented as part of research roundtable at the 2016 Annual Meeting of the American Educational Research Association, Washington, DC.
- Petrick Smith, C., **Olofson**, M. W., Swallow, M. J., Downes, J.M., & Bishop, P.A. (April 2016). *The Impact of Technology-Rich Teacher Professional Development in the Middle Grades*. Paper presented at the 2016 Annual Meeting of the American Educational Research Association, Washington, DC.
- Olofson**, M. W., Downes, J. M., Bishop, P. A., Hennessey, S., LeGeros, L., Mark, R., & Thompson, S. (October 2015). *Middle-Grades Focused Intensive Professional Development: The View from Teachers and School Leaders*. AMLE 2015 Annual Conference for Middle Level Education, Columbus, OH.
- Olofson**, M. W., Petrick Smith, C., Swallow, M. J., Downes, J.M., & Bishop, P.A. (October 2015). *Teacher Growth Through Professional Development: A Quantitative Analysis of Technological and Pedagogical Shifts*. AMLE 2015 Annual Conference for Middle Level Education, Columbus, OH.
- Olofson**, M. W. (April 2015). *Public/Private Partnership Schools in New Zealand: Justifications and Context*. 47th Annual Meeting of the New England Educational Research Organization, Portsmouth, NH.
- Olofson**, M. W., Swallow, M. J., Neumann, M. D. (April 2015). *TPACKing: A Constructivist Framing of the TPACK Framework*. Paper presented as part of research roundtable at the 2015 Annual Meeting of the American Educational Research Association, Chicago, IL.
- Swallow, M. J., **Olofson**, M. W. (April 2015). *Contextual Understandings in the TPACK Framework*. Paper presented as part of research roundtable at the 2015 Annual Meeting of the American Educational Research Association, Chicago, IL.
- Olofson**, M. W. (November, 2014). *Augmented Reality in the Classroom: Deeper Meaning through Technology*. AMLE 2014 Annual Conference for Middle Level Education, Nashville, TN.

Olofson, M. W., Swallow, M. J., Petrick Smith, C., Hennessey, S., Downes, J. M., & Bishop, P. A. (November 2014). *A Methodological Approach in Evaluating Digital-Age Instruction in Middle Grades Classrooms*. AMLE 2014 Annual Conference for Middle Level Education, Nashville, TN.

Invited Presentations

Olofson, M. W. (April, 2016). *Implications of Personalized and Ubiquitous Learning for Middle Grades Education*. Symposium at the 48th Annual Meeting of the New England Educational Research Organization, Portsmouth, NH.

Olofson, M. W. (May, 2015). *Partnering for Middle School Change Across Vermont*. University of Vermont College of Education and Social Services Research and Scholarship Symposium. Burlington, VT.

Olofson, M. W. (May, 2015). *Learning from High-Tech Middle Schools*. University of Vermont College of Education and Social Services Research and Scholarship Symposium, Burlington, VT.

Olofson, M. W. (September, 2014). *It Takes a Village (to Teach Kids to Code)*. Vermont Code Camp, Burlington, VT.

Jones, G., Brady, E., Toolin, R., & **Olofson, M. W.** (June 2014). *Helping New Teachers Survive and Thrive: Florida's Online STEM TIPS Initiative*. NSF Robert Noyce Teacher Scholarship Program Conference, Washington, D.C.

Olofson, M. W. (May 2014). *Decentralization Reforms in the East Asian context: Histories, Challenges, and Ways Forward*. University of Vermont College of Education and Social Services Scholarship Symposium, Burlington, VT.

Olofson, M. W. (November, 2013). *Virtual Pictures at an Exhibition: Augmented Reality in the Classroom*. VermontFest, Killington, VT.

K-12 Teaching Experience

2012 – 2013 Centro Escolar Picacho, Los Cabos, BCS, Mexico, 7th -12th Science and Technology.

2009 – 2012 New Vista High School, Boulder, CO, 9th – 12th Science and Mathematics, Science Departmental Co-Chair, Robotics Team Coach.

Awards and Grants

2017 Herman B. Meyers Excellence in Doctoral Policy Research Award, College of Education and Social Services, The University of Vermont.

- 2016** Graduate Student Professional Development Grant, College of Education and Social Services, The University of Vermont, \$1150.
- 2015** Travel Grant, College of Education and Social Services, The University of Vermont, \$300.
- 2015** Travel Grant, Graduate College, The University of Vermont, \$500.

Service

National

- 2015 –** Ad Hoc Reviewer
Middle Grades Review
The Asia Pacific Education Researcher
- 2015 –** Conference Proposal Reviewer
American Education Research Association Annual Conference
 Division K: Teaching and Teacher Education
 SIG: Middle Level Education Research
 SIG: Technology as an Agent of Change in Teaching and Learning

Regional

- 2016** Contributing Participant, *ESSA Public Input Retreat*, Vermont Agency of Education.
- 2016** Contributing Participant, *Building the Agenda: A Student-Centered Research Collaborative for New England*, Jobs for the Future.

University

- 2015 – 2016** Founding Editor, *Crosscutting Conversations in Education: Research, Reflections, & Practice* [Education Leadership and Policy Studies Doctorate Program Blog], The University of Vermont.
- 2015 – 2016** Member, Hiring Committee for College of Education and Social Services Dean, The University of Vermont.
- 2015** Member, Hiring Committee for Professional Development Coordinator, Tarrant Institute for Innovative Education, The University of Vermont
- 2011** Moderator, Conference on World Affairs, University of Colorado Boulder
- 2007 – 2009** Student Editor, Science Committee, Conference on World Affairs, University of Colorado Boulder

Additional Professional Development / Training

- 2017** American Educational Research Association workshop: Analyzing NAEP Data Using R. Instructors: Emmanuel Sikali, Paul Dean Bailey, Lauren Harrell, & Ting Zhang
- 2016** Consortium for the Advancement of Research Methods and Analysis workshop: Advanced Structural Equation Modeling. Instructor: Robert Vandenberg
- 2014** American Educational Research Association workshop: Propensity Score Matching Using R. Instructors: Haiyan Bai, Wei Pan, & Christopher Swoboda

Statistical Software Skills

- Proficient** MPlus, R, SPSS, Stata
- Familiar** SAS

Professional Affiliations

- 2013 –** American Educational Research Association
Division D: Measurement and Research Methodology
Division L: Educational Policy and Politics
SIGs: Advanced Studies of National Databases; Constructivist Theory, Research, and Practice; Ivan Illich; Middle Level Education Research; Technology as an Agent of Change in Teaching and Learning
- 2013 –** Association for Middle Level Education
- 2009 – 2012** National Science Teachers Association