

# JULIE M. KALLIO

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## EDUCATION

- Ph.D. Department of Educational Leadership & Policy Analysis, University of Wisconsin, Madison, WI. 2020.  
Dissertation: Solving Problems Together: Findings from the early stages of a Networked Improvement Community.  
Committee: Richard Halverson (Chair), Carolyn Kelley, Peter Wardrip, Peter Miller.
- M.S. Science Education, Montana State University, Bozeman, MT. 2009.
- B.S. University of Wisconsin, Madison, WI. 2005.

## CURRENT EMPLOYMENT

*Innovation Specialist*, The Breck School, Minneapolis, MN (July 2020-present)  
Lead systems design teams and coach educators in teaching for deeper learning.  
Conduct institutional research to support comprehensive diversity, equity, and inclusion initiatives, including survey development.

## FELLOWSHIPS AND AWARDS

- 2021 K-12 Dissertation of the Year, Department of Educational Leadership and Policy Analysis, University of Wisconsin-Madison
- 2021 AERA Division A Outstanding Dissertation Award - Honorable Mention
- 2018-2019 Dissertation Scholar Award, P.E.O. Foundation. \$15,000.
- 2017 Clark Seminar, American Educational Research Association and University Council for Educational Administration.
- 2014-2015 Barbara S. and Glenn T. Thompson Graduate Fellowship, University of Wisconsin, Madison, WI.
- 2011 Klingenstein Summer Institute for New Teachers, Columbia University, New York City, NY.

## PUBLICATIONS

### Refereed Journal Articles

- 2020 **Kallio, J.**, Halverson, R. Distributed leadership for personalized learning. *Journal of Research on Technology in Education*, 52(3), 371-390.

- 2020 **Kallio, J.**, Halverson, R. Designing for Trust-building Interactions in the Initiation of a Networked Improvement Community. *Frontiers in Education*, 4(154), 1-15. doi: 10.3389/educ.2019.00154
- 2018 **Kallio, J.** Participatory Design of Classrooms: Infrastructuring Education Reform in K-12 Personalized Learning Programs. *Journal of Learning Spaces*, 7(2): 35-49.
- 2017 Halverson, R., **Kallio, J.**, Hackett, S., Halverson, E. Participatory culture as a model for how new media technologies can change public schools. *Journal of Emerging Learning Design*, 3: 1-6.
- 2009 Harris, M; Peck, R; Colton, S; Morris, J; Neto, E; **Kallio, J.** A Combination of Hand-held Models and Computer Imaging Program Helps Students Answer Oral Questions about Molecular Structure and Function: A controlled investigation of student learning. *CBE-Life Science Education*, 8: 29-43.

### Manuscripts under Review

**Kallio, J.** The Problem-Identification Process in the Initiation of a Networked Improvement Community. *Designs for Learning*.

### Manuscripts in Preparation

**Kallio, J.** Accessing Educators' Problem-based Expertise: An analysis of the improvement infrastructure in the early stages of a Networked Improvement Community. Intention to submit to *Journal of the Learning Sciences*.

**Kallio, J.**, Dryer, G. Instructional Practices in Personalized Learning that Promote Equitable Learning Pathways.

### Working Papers and Conference Proceedings

- 2020 **Kallio, J.** A Video Club in a Networked Improvement Community: Coupling C- and B-level Activities to Access A-Level Expertise. In Gresalfi, M. and Horn, I. S. (Eds.), *The Interdisciplinarity of the Learning Sciences, 14th International Conference of the Learning Sciences (ICLS) 2020*, Volume 5 (pp. 2589-2592). Nashville, Tennessee: International Society of the Learning Sciences.
- 2017 **Kallio, J.** The Built Pedagogy of K-12 Personalized Learning Programs as Designed Opportunities for Student Voice and Choice. *Proceedings for Transitions North America 2017*.
- 2016 **Kallio, J.**, Mathews, J., Gagnon, D. *Using ARIS in Middle School Social Studies*.

### Practitioner-focused

- 2021 **Kallio, J.**, Bennett, J. *Eat the Frog, and Other Strategies for Task Initiation*, Independent Teacher.
- 2018 **Kallio, J.** *The Built Pedagogy of Personalized Learning*, Institute for Personalized Learning. <http://institute4pl.org/index.php/2018/05/15/the-built-pedagogy-of-personalized-learning/>

## **RESEARCH EXPERIENCE**

- 2019-2020 Project Manager, The Wisconsin Collaborative Education Research Network, University of Wisconsin, Madison, WI.
- 2014-2019 Lead Researcher, Personalization in Practice - Research Alliance with the Institute for Personalized Learning, University of Wisconsin, Madison, WI.
- 2016-2018 Project Director, Personalization in Practice - Networked Improvement Community, University of Wisconsin, Madison, WI.
- 2015-2016 Educational Research Coordinator, Field Day Lab, University of Wisconsin, Madison, WI.

### *Training*

- 2017 LINKS Center Summer Workshop for Social Network Analysis, University of Kentucky, Lexington, KY.

## **TEACHING**

### **University of Wisconsin-Madison, Educational Leadership and Policy Analysis,**

Instructor, Theory and Practice in Educational Planning (Spring 2019)  
Teaching Assistant, School-level Leadership (Fall 2018)  
Instructor, Organizational Theory (Summer 2017)

### **K-12 Teaching and Leadership**

Oregon Episcopal School, Portland, OR (2009-2014)  
Educational Technology Coordinator, 7th Grade Science Teacher

The Bement School, Deerfield, MA (2006-2009)  
6-9th Grade Science and Math Teacher

AstroCamp, Idyllwild, CA (2006)  
Outdoor Education Instructor.

### **Dissertation Committee**

Emily Bascelli, 2022, How elementary educators envision culturally responsive classroom spaces, Doctorate in Educational Leadership, Molloy College (Committee Member)

## **CONSULTING**

*Improvement Coach*, Early Intel Quality Improvement Network (July 2021-present)  
Coach two Head Start teams through Continuous Quality Improvement cycles.  
Member of the Improvement Coaching & Research Consortium.

*Learning Coach*, Center for Next Generation Leadership, University of Kentucky School of Education (July 2021-present)

Coach 8 K12 educators through the Continuing Education Option, a yearlong rank change program of deeper learning modules and an action research study.

## CONFERENCE PARTICIPATION (Selected Presentations)

### Panels Organized

- 2020 *Improvement Science in University-based Education Courses: Where are we and what do we need?* American Educational Research Association Annual Meeting, San Francisco, CA. (April 17-21).
- 2018 *Personalized Learning: Perspectives from the Field and an Agenda for Research.* University Council of Educational Administration Conference, Houston, TX. (November 14-17).

### Papers

- 2020 **Kallio, J.** *Design Principles for Problem-identification.* American Educational Research Association Annual Meeting, San Francisco, CA. (April 17-21).
- 2020 Halverson, R., Barnicle, A., **Kallio, J.** *Distributed Leadership for Personalized Learning: Reframing Data-Driven Improvement in Schools.* American Educational Research Association Annual Meeting, San Francisco, CA. (April 17-21).
- 2019 **Kallio, J.** *Identifying a Common Problem of Practice.* University Council of Educational Administration Conference and the Graduate Student Summit, New Orleans, LA. (November 19-23).
- 2019 **Kallio, J.** *Leadership for Personalized Learning.* University Council of Educational Administration, Graduate Student Summit, New Orleans, LA. (November 19-23).
- 2019 **Kallio, J.** *Designing for Trust-building Interactions in the Initiation of a Networked Improvement Community.* International Society for Design and Development in Education, Pittsburgh, PA. (September 17-19).
- 2018 **Kallio, J.** *Leadership as Design: A case study of how a district changed student learning pathways.* University Council of Educational Administration Conference and the Graduate Student Summit, Houston, TX. (November 14-17).
- 2018 **Kallio, J.,** Halverson, R. *Social Network Analysis as Formative Assessment of the Social Interaction of an Emerging Design-based Research-Practice Partnership.* American Educational Research Association Annual Meeting, New York, NY. (April 13-16).
- 2018 **Kallio, J.** *Social Network Analysis in Phases of Networked Improvement.* Carnegie Summit on Improvement, San Francisco, CA. (April 3-5).
- 2017 **Kallio, J.** *A Networked Improvement Community around Emerging Practices in K-12 Schools.* University Council of Educational Administration Conference and the Graduate Student Summit, Denver, CO. (November 14-18).

- 2017 **Kallio, J.** *The Built Pedagogy of K-12 Personalized Learning Programs as Designed Opportunities for Student Voice and Choice*. Transitions North America hosted by Steelcase and the Learning Environments Applied Research Network, Grand Rapids, MI. (September 13-14).
- 2015 Anderson, C., Dalsen, J., Stenerson, M., **Kallio Robison, J.** Binzack, J., Wielgus, L., Ebert, S., Azari, D., Meschke, V., Bloker, L., Bohanen, R., Scaico, P., Squire, K., Steinkuehler, C. *Game-A-Palooza: Games, Fun, Learning*. Games, Learning, Society Conference, Madison, WI. (July 8-10).

### Posters

- 2020 **Kallio, J.** *Participatory Design as a Strategy for Networked Improvement Community Initiation*. Carnegie Summit on Improvement, San Francisco, CA. (March 28-30).
- 2019 Halverson, R., **Kallio, J.** *Building Interest-Based Personalized Learning into Public Schools*. American Educational Research Association Annual Meeting, Toronto, Canada. (April 5-9).
- 2017 **Kallio, J.** *Before the Network: A Statewide Listening Strategy to Define a Common Problem of Practice*. Carnegie Summit on Improvement, San Francisco, CA. (March 28-30).
- 2016 **Kallio, J.** *A Cross-Case Analysis of Three Networked Approaches to Educational Change*. Carnegie Summit on Improvement, San Francisco, CA. (March 22-24).

### Practitioner-focused Presentations

- Accepted **Kallio, J.**, Garrison, M. Friesen, B., Colianni, A.J., Flotten, S. *A Design Team Approach: Facilitating systems change from within our schools*, National Association of Independent Schools. 3-hour Workshop. (March, 2022).
- Accepted **Kallio, J.**, Friesen, B., *Starting an Academic Innovation Coaching Program at Your School*. National Association of Independent Schools. (March, 2022).
- 2020 Archibald, S. **Kallio, J.** *Social Network Analysis for Research Development*. National Organization of Research Development Professionals. (June 2020).
- 2018 Beck, E., Coblenz, A., **Kallio, J.** *Many Paths to Personalization*. National Convening on Personalized Learning, Milwaukee, WI. (November 14).\*
- 2018 Wilfrid, B., Hulbert, B., Beck, E., Coblenz, A., **Kallio, J.** *Interest-based Clubs at Sandburg Elementary*. Play Make Learn, Madison, WI. (August 13-14).\*
- 2018 **Kallio, J.**, Redmon, F., Leudtke, N., Froehlke, M. *Conferring in Personalized Learning*. School Leaders Advocating for Technology in Education Conference, Wisconsin Dells, WI. (December 6).\*
- 2017 **Kallio, J.** *Physical Spaces as Designed Opportunities for Student Voice and Choice in K-12 Personalized Learning Schools*. Milwaukee Maker Faire Teacher Meet-Up, Milwaukee, WI. (September 23).

- 2017 **Kallio, J.**, Nixon, J., Beck, E., Coblenz, A., Gurtner, J., Messer, H., Ott, E., Neil, C. *Conferring in Personalizing Learning*. Play Make Learn, Madison, WI. (August 14-15).\*
- 2016 **Kallio, J.**, Stofflet, E. *Using ARIS in Middle School Social Studies*. International ARIS Summit, Madison, WI. (August 16).\*
- 2013 **Kallio, J.** *Playing to Learn: SimCity in the 7th Grade Classroom*. International Society for Technology in Education Conference, San Diego, CA. (June 23-26).
- \*Indicates co-presentation with educators from a research-practice partnership.

## MEDIA

- 2017-2020 Podcast Host, New Books Network: Education Channel, <http://newbooksnetwork.com/category/politics-society/education/>.
- 2011-present Professional Blog, [juliekallio.com/blog](http://juliekallio.com/blog), 181 posts.
- Aug 2013 Playing SimCity in the Classroom, [Playtime Online](#) hosted by GlassLab at the Institute of Play.

## Invited Talks

- 2020 *Leadership and Physical Spaces for Personalized Learning*, University of Virginia Leadership Cohort, Course on the Design of Learning Environments (via Zoom).
- 2018 *Using Social Network Analysis in a NIC*, Carnegie Foundation for the Advancement of Teaching (via Zoom).
- 2018 *Personalized Learning in K-12: Insights for Higher Education*. Education Innovation Initiative brown bag talk, Office of the Provost, University of Wisconsin, Madison, WI.
- 2017 *Personalization in Practice: Perspectives for Monday Morning* (keynote), Big Foot Area Schools Association, Walworth, WI.

## PROFESSIONAL SERVICE

### Peer Review

Manuscript Review for *Journal of Research on Technology in Education*, 2019, 2020.

Proposal Reviewer, American Educational Research Association Annual Meeting, 2016, 2017, 2019, 2020, 2021.

Proposal Reviewer, Learning Sciences Graduate Student Conference, 2019.

Proposal Reviewer, Play Make Learn conference, 2019.

Proposal Reviewer, University Council of Educational Administration, 2017, 2018, 2019.

Proposal Reviewer, Games, Learning, Society Conference, 2015.

Proposal Reviewer, International Society for Technology in Education Conference, 2013, 2014.

### **Service to the Profession**

Advisory board and Research Affiliate for the Center for the Advanced Study of Technology Leadership in Education (CASTLE), a National Program Center for the University Council for Educational Administration (UCEA).

<https://schooltechleadership.org/advisory-board/>

Charter School Proposal Review Committee, Office of Educational Opportunity, University of Wisconsin System. 2019.

Communications Co-Chair, AERA Graduate Student Council Division A. 2017-2018.

Volunteer Coordinator, Playful Learning Summit. 2015.

### **K-12 Service**

Independent Schools Education Network SIG, International Society for Technology in Education. 2012-2014.

Re-accreditation Committee, Oregon Episcopal School. 2011-2013.

Instructional Visioning Committee, Oregon Episcopal School. 2011-2012.

Master Planning Committee, Oregon Episcopal School. 2010-2012.

New Faculty Mentor, Oregon Episcopal School. 2010.

International Collaboration on Sustainability with partners in Los Angeles and Australia, Oregon Episcopal School. 2009-2012.

Mini-term Planning Committee, The Bement School. 2007.

### **Service to the Community**

TEEM High School Student volunteer. 2018.

New Student Buddy, Educational Leadership and Policy Analysis. 2015-2019.

Advisory Council Member, Childcare Tuition Assistance Program. 2014-2018.

Website developer for the Wisconsin Public Education Network, Network Fellows, <http://www.wisconsinnetwork.org/>. 2016.

Liaison to the Innovative Schools Network, Network Fellows. 2014-2015.

### **PROFESSIONAL AFFILIATIONS**

2016-present University Council for Educational Administration

2015-present American Educational Research Association, Improvement SIG

2010-2015 International Society for Technology in Education

2007-2010 National Science Teachers Association

## **LANGUAGES**

French Working proficiency

Finnish Beginner