

Richard R. Halverson

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- 2012- Professor
*Department of Educational Leadership and Policy Analysis,
University of Wisconsin-Madison. Madison, WI*
- Faculty Affiliations
University of Wisconsin-Madison. Madison, WI
Researcher, Wisconsin Center for Educational Research (2002-2013)
Member, UW-Madison Curriculum and Instruction Department (2006-)
Member, UW-Madison Educational Psychology Department (2001-)
- 2018-2021 Associate Dean for Innovation, Outreach and Partnerships
*University of Wisconsin-Madison
School of Education*
- 2014- Co-Director
Comprehensive Assessment of Leadership for Learning
- 2014- Co-Owner
Leadership for Learning, LLC.
- 2013-2021 Director
Wisconsin Collaborative Education Research Network
- 2009-2011 Co-Director
*Wisconsin Institutes for Discovery
Games + Learning +Society/Education Research Integration Area*
- 2008-2012 Associate Professor
*Department of Educational Leadership and Policy Analysis,
University of Wisconsin-Madison. Madison, WI*
- 2001-2008 Assistant Professor
*Department of Educational Leadership and Policy Analysis,
University of Wisconsin-Madison. Madison, WI*
- 1997-2001 Research Assistant
School of Education and Social Policy, Northwestern University. Evanston, IL
- 1990-1996 Administrator
Seton Academy High School, South Holland Illinois.
- 1987-1996 Teacher
Seton Academy High School, South Holland, Illinois.

Education

- 2002 Ph.D., in School of Education and Social Policy, Northwestern University.
Dissertation title: *Representing Phronesis: Documenting instructional leadership practice in schools.*
- 1987 MA in Philosophy, Northwestern University 1987.
- 1984 BA in Philosophy and History, Marquette University 1984.

Books

- Steinkuehler, C., Squire K., & Halverson, R. The Best of the Games, Learning and Society Conference. (under contract with ITC Press).
- Halverson, R. & Kelley, C. E. (2017) *Mapping leadership: The tasks that matter in school improvement.* Jossey-Bass.
- Collins, A. & Halverson, R (2009). *Rethinking education in the age of technology: The digital revolution and schooling in America.* New York: Teachers College Press.
(Japanese version published March 2011; Second Edition published April 2018)

Publications

- Halverson, R. (2022). Data Driven Instructional Systems: 2030. In A. Bowers (ed.) *Data visualization, dashboards and evidence use in schools: Data Collaborative Workshop Perspectives of Educators, Researchers, and Data Scientists.* Teachers College. 149-160.
- McHugh, D., Shaw, S., Moore, T. R., Ye, L. Z. Romero-Masters, P & Halverson, R. (2020). Uncovering themes in personalized learning: Using natural language processing to analyze school interviews, *Journal of Research on Technology in Education*, 52:3, 391-402, DOI: [10.1080/15391523.2020.1752337](https://doi.org/10.1080/15391523.2020.1752337)
- Kallio, J. M & Halverson, R. (2020) Distributed leadership for personalized learning. *Journal of Research on Technology in Education*, 52:3, 371- 390, DOI: [10.1080/15391523.2020.1734508](https://doi.org/10.1080/15391523.2020.1734508)
- Kallio J.M. & Halverson R.R. (2020) Designing for Trust-Building Interactions in the Initiation of a Networked Improvement Community. *Frontiers in Education* 4:154. doi: 10.3389/feduc.2019.00154
- Halverson, R. & Halverson, E. (2020). Education as design for learning: A model for integrating education inquiry across research traditions. In Popkewitz, T. & Fan, G. (Eds.). *International Handbook on Education Policy Studies.* 201-221.
- Soosai Raj, A. G., Ketsuriyonk, K., Patel, J. M., & Halverson, R. (2018). Does Native Language Play a Role in Learning a Programming Language?. In *Proceedings of the 49th ACM Technical Symposium on Computer Science Education* (pp. 417-422). ACM.
- Soosai Raj, A., Patel, J., Halverson, R., & Halverson, E. (2018). Role of live-coding in learning introductory programming. In *Proceedings of Koli Calling International Conference on Computing Education Research*, Koli, Finland, 2018. New York: ACM.

- Halverson, R. (2018). A distributed leadership perspective on technologies for teaching and learning. In S. Dexter (Ed.). *International Handbook of Information Technology in Primary and Secondary Education* (2 Ed). Springer: New York. 1-17.
- Halverson, E. R & Halverson, R (2017). Designimprovisation i skolor som en källa till organisatorisk innovation. In E. Insulader, S. Kjällander, F. Lindstran and A. Åkerfeldt (Eds.) *Didaktik i omvandlingens tid: Text, representation, design*. Liber: Stockholm. 158-168.
- Halverson, R. (2017). Technologies, au coeur du nouveau leadership enseignant. *France Forum* 65, April 2017. <http://www.institutjeanlecanuet.org/content/technologies-au-coeur-du-nouveau-leadership-enseignant>.
- Halverson, R., Kallio, J. & Hackett, S. (2017). Participatory culture as a model for how new media technologies can change public schools. *Journal of Emerging Learning Design* 3(1). May 2017. http://eldj.montclair.edu/wp-content/uploads/2017/05/ELDJV3I1_Participatory_Culture_as_a_Model_Halverson.pdf
- Bowers, A. J., Blitz, M., Modeste, M., Salisbury, J. & Halverson, R. (2017). How Leaders Agree with Teachers in Schools on Measures of Leadership Practice: A Two-Level Latent Class Analysis of the Comprehensive Assessment of Leadership for Learning. *Teachers College Record* 119(4) [http:// www.tcrecord.org/Content.asp?ContentId=21677](http://www.tcrecord.org/Content.asp?ContentId=21677).
- Halverson, R. & Steinkuehler, C. (2015). Games and learning. In C. Haythornthwaite, R. Andrews, J. Fransman & E.M. Meyers (Eds.) *The SAGE Handbook of E-learning Research* 2nd Ed. Sage Reference Press: Los Angeles. Ch. 19: 376-394.
- Liou, Y., Grigg, J., & Halverson, R. (2014). Leadership and the Design of Data-Driven Professional Networks in Schools. *Journal of Educational Leadership and Management*, 2(1), 29-73 doi: 10.4471/ijelm.2014.08.
- Halverson, R. Kelley, C. & Shaw, J. (2014). A CALL for improved school leadership. *Phi Delta Kappan* 2014 95:17.
- Collins, A. & Halverson, R. (2014). La seconda rivoluzione educativa: Come la tecnologia sta trasformando l'educazione. *Tecnologie Didattiche*, 22(1), 4-10.
- Halverson, R., Owen, V. E. (2014). Game-based assessment: An integrated model for capturing evidence of learning in play. *International Journal of Learning Technologies*.
- Halverson, R., Berland, M., Owen, V.E. (2014) Game-based assessment. *Encyclopedia of Education Technologies*. Sage Press: Los Angeles
- Halverson, R. & Clifford, M. (2013). Distributed instructional leadership: How distributed leadership can help us better understand high schools. *Journal of School Leadership* 23(2) 389-419.
- Halverson, R & Shapiro, B. (2013) Technologies for education and technologies for learning. In D. Anagnostopolous, S. Rutledge & R. Jacobsen (Eds.). *The infrastructure of accountability*. Harvard Press: Cambridge. 163-180.
- Owen, V. E., & Halverson, R. (2013). *ADAGE: Assessment Data Aggregator for Game Environments*. In Williams, C., Ochsner, A., Dietmeier, J., & Steinkuehler, C. (Eds.) *Proceedings of the Games, Learning, and Society Conference*. Pittsburgh, PA: ETC Press.

- Kelley, C., Halverson, R., Blitz, M., Salisbury, J., Modeste, M., Dikkers, S. & Camburn, E. (2012) The comprehensive assessment of leadership for learning: A next generation formative evaluation and feedback system. *Journal of Applied Research for Children* 3(2).
- Halverson, R. (2012). Games and the future of education research. In C. Steinkuehler, K. Squire & S. Barab (Eds). *Games, Learning and Society*. Cambridge Press: London.
- Halverson, R & Halverson, E. (2011) Education as design for learning: A model for integrating education inquiry across research traditions. In C. F. Conrad & R. C. Serlin (Eds). *Sage Handbook for Research in Education: Engaging Ideas and Enriching Inquiry* (2nd Ed.). Sage: Thousand Oaks, CA.
- Halverson, R., Feinstein, N. & Meshoulam, D. (2011) School leadership for science education. In G. DeBoer (Ed.) *The Role of Public Policy in K-12 Science Education*. Information Age Press: Charlotte, NC. 397-430.
- Halverson, R. Blakesley, C & Figuerido-Brown, R. (2011). Video-game design as a model for professional learning. In M. S. Khine (Ed.) *Learning to Play: Exploring the Future of Education with Video Games*. Peter Lang: New York. 9-28.
- Halverson, R. (2010). School formative feedback systems. *Peabody Journal of Education* 85(2) 130-155.
- Halverson, R. & Smith, A. (2010). How new technologies have (and have not) changed teaching and learning in schools. *Journal of Computing in Teacher Education* 26(2) 49-54.
- Collins, A. & Halverson, R. (2010). The second educational revolution: Rethinking education in the age of technology. *Journal of Computer Assisted Learning* 26(1) 18-27.
- Halverson, R., Wolfenstein, M., Williams, C. & Rockman, C. Remembering math: The design of digital learning objects to spark professional learning. (2009). *E-Learning* 6(1) 97-118.
- Collins, A. & Halverson, R. Technology supports for lifelong learning. (2009). E. Baker, B. McGaw and P. Peterson, (Eds.). *International Encyclopedia of Education*. Elsevier Press: Oxford.
- Hamilton, L., Halverson, R., Jackson, S., Mandinach, E., Supovitz, J., and Wayman, J. Using student achievement data to support instructional decision making. (2009) (NCEE 2009-4067). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education. <http://ies.ed.gov/ncee/wwc/publications/practiceguides/>
- Halverson, E., & Halverson, R. (2008) Fantasy sports: the case for competitive fandom” *Games and Culture* 3(3-4) 286-307.
- Spillane, J. P., Halverson, R. & Diamond, J. B. (2008). Théorisation du leadership en éducation: une analyse en termes de cognition située. *Education et Sociétés*, 21(1), 121-149.
- Halverson, R. & Thomas, C. (2007). The roles and practices of student services staff as data-driven instructional leaders. In M. Mangin and S. Stoelinga (Eds.) *Instructional teachers leadership roles: Using research to inform and reform*. Teachers College Press: New York. 163-200.
- Halverson, R. (2007). A distributed leadership perspective on how leaders use artifacts to create professional community in schools. In L. Stoll and K. S. Louis (Eds.)

Professional learning communities: Divergence, detail and difficulties.
Maidenhead: Open University Press. 93-105.

- Halverson, R. (2007). Systems of practice and professional community: The Adams case. In J. Spillane & J. Diamond (Eds.) *Distributed leadership in practice*. Teachers College Press. 35-62.
- Halverson, R., Grigg, J., Prichett, R., & Thomas, C. (2007). The new instructional leadership: Creating data-driven instructional systems in schools. *Journal of School Leadership* 17(2). 159-193.
- Madda, K., Halverson, R., and Gomez, L. (2007). Exploring coherence as an organizational resource for carrying out reform initiatives. *Teachers College Record* 109(8). 1957-1979.
- Halverson, R., and Clifford, M. (2006). Evaluation in the wild: A distributed cognition perspective on teacher assessment. *Education Administration Quarterly* 42(4). 578-619.
- Halverson, R., & Collins, A. (2006). How information technologies weaken the identification of learning with schooling. *Research and Practice in Technology Enhanced Learning* 1(2) 145-155.
- Shaffer, D., Gee, J., Halverson, R., & Squire, K. (2005). Video-games and the future of learning. *Phi Delta Kappan*. 87, 2. 104-111.
- Halverson, R. (2005) What can K-12 school leaders learn from video games and gaming? *Innovate* 1(6).
- Halverson, R., and Rah, Y. (2005). Representing leadership for social justice: The case of Franklin School. *Journal of Cases in Educational Leadership* 8(3).
- Halverson, R., Kelley, C. & Kimball, S. (2004). Implementing teacher evaluation systems: How principals make sense of complex artifacts to shape local instructional practice. In C. Miskel (Ed.) *Theory and Research in Educational Administration, Volume 3*. 153-188.
- Halverson, R. (2004). Accessing, documenting and communicating the *phronesis* of school leadership practice. *American Journal of Education*, 111(1), 90-122.
- Spillane, J. P., Halverson, R., & Diamond, J. B. (2004). Towards a theory of leadership practice: A distributed perspective. *Journal of Curriculum Studies*, 36(1), 3-34.
- Halverson, R., Linnekin, B. Spillane, J. & Gomez, L. (2004). Multimedia cases of practice: On-line learning opportunities for school leaders. *Journal of Cases in Educational Leadership* 7(1). Available at <http://www.ucea.org/cases/V7-Iss1/index7-1.htm>
- Halverson, R. (2003). Systems of practice: How leaders use artifacts to create professional community in schools. *Educational Policy and Analysis Archives* 11(37). Accessible on-line at <http://epaa.asu.edu/epaa/v11n37/>
- Spillane, J. P., Halverson, R. & Diamond, J.B. (2001). Investigating school leadership practice: Distributed perspectives. *Educational Researcher* 30(3): 23-27.
- Spillane, J.P., Diamond, J., Walker, L. J., Halverson, R., Jita, L. (2001). Urban school leadership and elementary science instruction: Identifying, mobilizing and activating resources in a devalued subject area. *Journal of Research in Science Teaching*

Working Papers

- Halverson, R & Halverson, E. (2019). Education as design for learning: A model for integrating education inquiry across research traditions. WCER Working Paper No. 2019-4. March 2019. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research.
- Halverson, R., Kallio, J., Hackett, S. & Halverson, E. (2016). *Participatory Culture as a Model for How New Media Technologies Can Change Public Schools*. WCER Working Paper No. 2016-7. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research. October 2016.
- Halverson, R., Barnicle, A., Hackett, S., Rawat, T., Rutledge, J., Kallio, J., Mould, C., & Mertes, J. (2015). *Personalization in Practice: Observations from the Field*. WCER Working Paper No. 2015-08 Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research. December 2015.
- Halverson, R & Shapiro, B. (2012). *Technologies for learning and learners: How data are (and are not) changing schools*. WCER Working Paper 2012-6. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research. May 2012.
- Patterson, N., Wolfenstein, M., Millar, S., Halverson, R., & Squire, K. (2011). *Games and simulations for diabetes education*. WCER Working Paper No. 2011-1. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research. February 2011.
- Halverson, R., Prichett, R.B., & Watson, J. G. (2007) *Formative Feedback Systems and the New Instructional Leadership*. WCER Working Paper No. 2007-3. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research.
- Halverson, R. (2006). *A distributed leadership perspective on how leaders use artifacts □ to create professional community in schools*. WCER Working Paper No. 2006-4. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research.
- Halverson, R., Grigg, J., Prichett, R., & Thomas, C. (2005). *The new instructional leadership: Creating data-driven instructional systems in schools*. WCER Working Paper No. 2005-9. Madison: University of Wisconsin–Madison, Wisconsin Center for Education Research.
- Halverson, R., & Gomez, L. “Technology and schools” *Digital Infrastructures Think Papers*: Metropolitan Chicago Group.

Current Support

- 2021-2028 Halverson, R, Diamond, J & Clifford, M. *Comprehensive Assessment of Leadership for Learning – Equity Centered Leadership*. Wallace Foundation Equity Centered Principal Pipeline Development Project. \$8.1 million.
- 2021-2022 UW-Madison Fall Research Competition. *Measuring and Supporting Effective Technology-based Pedagogy in K-12 Virtual Classrooms*. \$45,000.

Past Support

- 2015-2019 Kiefer, K. *Wisconsin Statewide Longitudinal Data System Project*. US Department of Education Institute of Education Science. \$6.5 Million (My research team participates in a \$2.1 million subcontract to the Wisconsin Center for Education Research)
- 2015-2020 Halverson, R & Jorgensen, J. *Wisconsin Collaborative Education Research Network*. Wisconsin Department of Public Instruction. \$80,000/year.
- 2015-2017 Rickabaugh, J. *Research in Personalized Learning*. Joyce Foundation Awarded \$125,000 over 18 months (subcontract).
- 2013-2015 Berland, M., Krakauer, D., Halverson, R. & Squire, K. (Co-PIs). *Learning Games Playdata Consortium (PDC): A Consortium for Digital Analytics and Techniques for Assessment with Learning Games* (Award # 1338508) National Science Foundation. Awarded \$497,426 over 3 years.
- 2012-2015 Halverson, R. Hora, M. T. & Bouwma-Gerhart, J. (Co-PIs). *Tracking the Process of Data-Driven Decision Making: Exploring the Use of the Instructional Systems of Practice (ISOP) Framework to Transform Undergraduate STEM Education*. (Award # DUE-1224624) National Science Foundation. Awarded \$593,844 over 3 years.
- 2011-2014 Halverson, R. & Squire, K. (Co-PIs). *CyberSTEM: Making Discovery Visible through Digital Games*. (Award # 1119383) National Science Foundation. Awarded \$2.7 mil over 3 years.
- 2009-2013 Halverson, R. & Kelley, C. (Co-PIs). *Developing and Validating the Next Generation of Leadership Evaluation Tools: Formative Assessment for High-Stakes Accountability*. (Award # R305A090265). US Department of Education: Institute of Educational Sciences. Awarded \$1.6 mil over 4 years.
- 2004-2009 Halverson, R. (PI). *CAREER: Data-Driven Instructional Systems—How School Leaders Develop Local Capacity to Use Data to Influence Instruction* (Award #0347030). National Science Foundation Early Career Grant. Awarded \$798,000 over 5 years.
- 2006-2009 Gee, J. (PI). *Digital Media and Learning: A productive approach to learning and media literacy through video games and simulations*. MacArthur Foundation. Awarded \$1.8 million. Sub-Award \$200,000 over 3 years.
- 2004-2006 Shaffer, D.W., Gee, J.P., Squire, K., Halverson, R. (Co-PIs). Games and Professional Practice Simulations (GAPPS) Collaborative. *Academic Advanced Distributed Learning CoLaboratory*. Awarded \$60,000 over 3 years.

- 2003-2007 Millar, T & Resnick, L. (PIs). *SCALE: System-wide change for all learners and educators*. National Science Foundation. \$35 million. Consultant for \$40,000 over three years.
- 2003-2004 Halverson, R. (PI). *VAAS: A video annotation and assessment system to help school leaders evaluate teaching practice*. University of Wisconsin Teaching and Learning with Technology Grant. Awarded \$20,305 over two years.
- 2001-2003 Capper, C & Halverson, R. (Co-PIs). *Documenting successful leadership practice for students who traditionally struggle*. Wallace Dewitt Foundation Grant. Awarded \$40,000 over two years.

Conference Papers

- Halverson, R., Lee, C.H., Vadas, J. & Dryer, J. (2021). The Impact of Personalized Learning on Student Achievement and Behavior. Accepted for the 2021 American Educational Research Association Annual Meeting, San Francisco, CA.
- Halverson, R., Moussavi, M., McGinn, N & Blitz, M. (2021). Linking Instructional Improvement With Effective Discipline Policies: A Bayesian Analysis of the Relation Between Key Leadership Practices. Accepted for the 2021 American Educational Research Association Annual Meeting, San Francisco, CA.
- Halverson, R. (2020). *Lessons Learned from Ten Years of the Comprehensive Assessment of Leadership for Learning (CALL) Project*. Accepted for the 2020 University Council of Educational Administration Annual Meeting.
- Lee, C.H. & Halverson, R. (2020). *The Impact of Personalized Learning on Student Achievement and Behavior*. Accepted for the 2020 American Educational Research Association Annual Meeting, San Francisco, CA.
- Kallio, J. & Halverson, R. (2020). Distributed Leadership for Personalized Learning: Reframing Data-Driven Improvement in Schools. Accepted for the 2020 American Educational Research Association Annual Meeting, San Francisco, CA.
- Halverson, R. (2019). *Game Based Assessment for Learning*. The 2nd IEEE Data Science Workshop. June, 2019. Minneapolis.
- Halverson, R. & Kallio, J. (2019). *Building Interest-Based Personalized Learning Into Public Schools*. Presented at the 2019 American Educational Research Association Annual Meeting, Toronto, ON.
- Halverson, R. (2019). *Taking a Learning Sciences Perspective to Understand Personalized Learning in Schools*. Presented at the 2019 American Educational Research Association Annual Meeting, Toronto, ON.
- Kallio, J. & Halverson, R. (2018). *Designing Networked Improvement Communities for Innovation in K12 Teaching*. Presented at the 2018 International Conference of the Learning Sciences. London.
- Rawat, T, Strikwerda, A. & Halverson, R. (2018). *How Participation in a Networked Improvement Community Refined Teachers' Understanding of Student Interest-Based Projects*. Presented at the 2018 American Educational Research Association Annual Meeting, New York, NY.

- Kallio, J. & Halverson, R. (2018) *A Social Network Analysis of the Initiation and Implementation of a Networked Improvement Community*. Presented at the 2018 American Educational Research Association Annual Meeting, New York, NY.
- Kimball, S., Arrigoni, J., Hackett, S. & Halverson, R. (2018) *Leveraging a Networked Improvement Community to Strengthen Program Coherence: Case Studies of Two Innovative Schools*. Presented at the 2018 American Educational Research Association Annual Meeting, New York, NY.
- Stevens, R., Ramey, K. E., Meyerhoff, P., Hilppö, J., Kumpulainen, K., Kajamaa, A., Rajala, A., & Halverson, R. (2018). Exploring the Adoption, Spread, and Sustainability of an Informal STEAM Learning Innovation In Schools. In Kay, J. and Luckin, R. (Eds.) *Rethinking Learning in the Digital Age: Making the Learning Sciences Count*, 13th International Conference of the Learning Sciences (ICLS) 2018, Volume 2. London, UK: International Society of the Learning Sciences.
- Halverson, R., Barnicle, A., Hackett, S., Rawat, T., Kallio, J. & Strikwerda, A. (2017) *Leadership for Personalized Learning*. Presented at the 2017 Midwest Educational Research Association Annual Meeting, Evanston, IL.
- Owen, V.E., Ramirez, D., Salmon, A. & Halverson, R. (2014, April). *Capturing Learner Trajectories in Educational Games through ADAGE (Assessment Data Aggregator for Game Environments): A Click-Stream Data Framework for Assessment of Learning in Play*. Presented at the 2014 American Educational Research Association Annual Meeting, Philadelphia, PA.
- Owen, V.E., Ramirez, D., Salmon, A. & Halverson, R. (2013, June). *Gameplay As Assessment: Exploring In-Game Failure, Success and Learning Using ADAGE (Assessment Data Aggregator for Game Environments)*. Presented at the 9th Annual Games+Learning+Society Conference, Madison, WI.
- Owen, V. E, Halverson, R. & Shapiro, R. B. (2013). *CyberSTEM: A game-based assessment model*. Paper presented at the Annual Conference of the American Education Research Association. April 2013, San Francisco, CA.
- Owen, V. E. & Halverson, R. (2013). *ADAGE (Assessment Data Aggregator for Game Environments)*. Proceedings of the 9th Annual Games, Learning, and Society Conference.
- Halverson, R. (2013). *Game-based data ecologies*. Paper presented at the Games + Learning + Society Research Conference, June 2013, Madison, WI.
- Owen, V. E., Halverson, R., Shapiro, R. B. & Harris, S. (2013). *ADAGE: Assessing learning in video games*. Paper presented at the Computer Supported Collaborative Learning Conference, June 2013. Madison, WI.
- Kelley, C., Halverson, R., Blitz, M., Modeste, M., Camburn, E., Salisbury, J., Dikkers, S. (2012). *Development and testing of CALL Survey*. Paper presented at the Annual Conference of the American Education Research Association. April 2012, Vancouver, CA
- Halverson, R. (2012). *Uses of formative assessment in school leadership*. Paper presented at the Annual Conference of the American Education Research Association. April 2012, Vancouver, CA
- Halverson, R., Owen, V. E. & Wills, N. (2012). *CyberSTEM: Game-based learning telemetry*

- model for assessment. Games, Learning and Society 8.0, Madison. WI.*
- Halverson, R. & Dikkers, S. (2011). *Comprehensive Assessment of Leadership for Learning (CALL): An On-Line, Formative Assessment and Feedback System for Middle and High School Leadership*. Paper presented at the Annual Conference of the American Education Research Association. April 2011, New Orleans.
- Rhodes, S. & Halverson, R. (2011). *Mapping Structural and Functional Technology Features onto Real-World Classroom Assessment Systems: The Design of KidGrid 1.0*. Games, Learning and Society Annual Conference, Madison.
- Halverson, R & Collins, A. (2011). *Rethinking Education in the Age of Technology: The Digital Revolution and Schooling in America*. Invited Keynote for the Games, Learning and Society SIG. Annual Conference for the American Educational Research Association. Denver CO, March 2010.
- Halverson, R. (2010). *Methods for Accessing and Assessing How School Leaders Improve Teaching and Learning*. Paper prepared for the 2010 American Educational Research Association Annual Convention, Denver, CO.
- Halverson, R. (2010). *Advancing the Development and Adoption of Games for Learning*. Games, Learning and Society Annual Conference, Madison.
- Halverson, R & Rosenfeld Halverson, E. (2010). *Education as Design for Learning*. Annual conference of the International Association for the Learning Sciences. June 2010, Chicago.
- Dikkers, S & Halverson, R. (2010). *Formative Leadership for Learning: Leveraging Empirical Studies of Educational Leadership for Formative Tools*. Annual conference of the University Council for Educational Administration. October 2010, New Orleans, LA
- Halverson, R. & Rhodes, S. (2009). *Lessons from the Design of Formative Feedback Tools for Teachers*. Paper presented at the Annual Human Factors and Ergonomics Conference. October 23, 2009. San Antonio, TX.
- Halverson, R. & Wolfenstein, M. (2009). *Remembering Math: The Design of Digital Learning Objects to Spark Professional Learning*. Paper presented at the Annual meeting of the American Educational Research Association, April 10. San Diego, CA.
- Halverson, R. (2009). *Game Design as Research on Practice*. Paper presented at the Annual Meeting of the American Educational Research Association, April 10. San Diego, CA; and at the Chinese American Educational Research and Development Association, April 9, San Diego.
- Halverson, R. (2009). *Rethinking education in the age of technology*. Presented at the Games, Learning and Society Annual Conference, June 10, 2009 Madison WI.
- Halverson, R. & Sorenson, K. (2008). *How public displays of student achievement and demographic data are transforming districts, schools and communities*. Paper presented at the Annual Meeting of the American Educational Research Association, March 27, 2008, New York; and at the University Council of Educational Administration, October 31, 2008. Orlando, FL.
- Halverson, R., Grigg, J., Thomas, C., Sorenson, K., Liou, Y. (2008). *Distributed leadership and power: A new lens for how school leaders create the capacity to use data in schools*. Paper presented at the Annual Meeting of the American Educational

- Research Association, March 28, 2008, New York; and at the at the University Council of Educational Administration, October 30, 2008. Orlando, FL
- Collins, A. & Halverson, R. (2008). *The second educational revolution: How technology is transforming education again*. Paper presented at the Annual Meeting of the American Educational Research Association, March 24, 2008, New York.
- Halverson, E. & Halverson, R. (2008). *Competitive fandom in action: How fantasy baseball is really played*. Paper presented at the Games, Learning and Society Annual Conference, July 11, 2008 Madison WI.
- Halverson, R. (2008). *Games for school leadership*. Paper presented at the Games, Learning and Society Annual Conference, July 11, 2008 Madison WI.
- Halverson E. & Halverson, R. (2008). *The case for competitive fandom*. Paper presented at the Annual Meeting of the American Educational Research Association, April 10. San Diego, CA; and at the Chinese American Educational Research and Development Association, March 26, 2008, New York.
- Halverson, E. & Halverson, R. (2007). *The Wider World of Sports: Competitive Fandom as Participatory Culture*. Games, Learning and Society 3.0. July 12: Madison, WI.
- Halverson, R. (2007). *Video game development as a research agenda for professional knowledge and learning*. Paper presented at the Annual meeting of the American Educational Research Association, April 9. Chicago, IL.
- Halverson, R. (2006). *The New Instructional Leadership: Repurposing Student Services*. Paper presented at the University Council of Educational Administration, November 10, 2006. San Antonio, TX.
- Halverson, R., (2006). *A Distributed Leadership Perspective on Creating Professional Community in Schools*. Paper presented at the American Educational Research Association Conference, April 7, 2006. San Francisco.
- Halverson, R. (2006). *Games as Social Systems Theory Testing: Games for Instructional Leadership*. Games, Learning and Society Annual Conference. June 16, 2006. Madison, WI.
- Halverson, R. (2006). *Theorizing games in education*. International Conference of the Learning Sciences, June 30, 2006. Bloomington, IN.
- Halverson, R., Grigg, J., Prichett, R., & Thomas, C. (2005). *Constructing data-driven instructional systems in schools*. Paper presented at the University Council of Educational Administration, November 12, 2005. Washington, D.C.
- Halverson, R., Grigg, J., Prichett, R., & Thomas, C. (2005). *The new instructional leadership: Constructing data-driven instructional systems in schools*. Paper presented at the National Conference of Professors of Educational Administration, July 27, 2005. Washington, D.C.
- Halverson, R. (2005). *Games for leadership; Leadership for games*. Paper presented at the Spencer Foundation conference on Video Games and Gaming, June 23, 2005. Madison, WI.
- Halverson, R. (2005). *Data-driven instructional systems: A new approach to K-12 instructional leadership*. Paper presented at the 2005 National Council of Professors of Educational Administration conference, Washington DC.

- Halverson, R., & Clifford, M. (2005). *A distributed cognition perspective on teacher assessment*. Paper presented at the 2005 American Educational Research Association Conference, Montreal, Que.
- Halverson, R and Christopherson, T. (2005). *Games for educational leaders: A prototype of a virtual learning environment for instructional leadership*. Paper presented at the 2004 American Educational Research Association Annual Meeting, San Diego, CA.
- Halverson, R., and Clifford, M. (2004). *Evaluation in the wild: A distributed cognition perspective on teacher assessment*. Paper presented at the 2004 University Council of Educational Administration Annual Meeting, Kansas City, Mo.
- Halverson, R., Madda, K. and Gomez, L. (2004). *Exploring coherence as an organizational resource for carrying out reform initiatives*. Paper presented at the 2004 American Educational Research Association Annual Meeting, San Diego, CA.
- Halverson, R. and Clifford, M. (2004). *How the situation of practice shapes the implementation of new policies in schools?* Paper presented at the 2004 American Educational Research Association Annual Meeting, San Diego, CA.
- Halverson, R. (2003). *A distributed leadership perspective on the SCALE theory of action*. Paper presented at the 2003 SCALE Research Group Think-Tank. Madison, WI.
- Halverson, R. (2003). *Representing leadership for social justice: The case of Franklin School*. Paper presented at the 2003 University Council of Educational Administration Annual Meeting, Portland, OR.
- Halverson, R, Kelley, C. & Kimball, S. (2003). *Implementing teacher evaluation systems: How principals make sense of complex artifacts to shape local instructional practice*. Paper presented at the 2003 American Educational Research Association Annual Meeting, Chicago, IL.
- Halverson, R. (2003). *Multimedia narratives of practice: On-line learning opportunities for school leaders*. Paper presented at the 2003 American Educational Research Association Annual Meeting, Chicago, IL.
- Gomez, L. & Halverson, R. (2003). *The tensions in committing to principled research for practice*. Paper presented at the 2003 American Educational Research Association Annual Meeting, Chicago, IL.
- Capper, C. & Halverson, R. (2003). *Representing leadership for social justice: Multimedia cases of integrated service delivery*. Paper presented at the 2003 American Educational Research Association Annual Meeting, Chicago, IL.
- Halverson, R. (2002). *Phronesis, artifacts and leadership practice*. Paper presented at the 2002 University Council of Educational Administration Annual Conference, Pittsburgh PA.
- Halverson, R. (2002). *Building professional community: An artifact-based perspective on school leadership*. Paper presented at the 2002 University Council of Educational Administration Annual Conference, Pittsburgh PA.
- Halverson, R. & Gomez, L. (2001). *Phronesis and design: How practical wisdom is disclosed through collaborative design*. Paper presented at the 2001 American Educational Research Association Annual Meeting, Seattle WA.

Halverson, R. & Zoltners, J. (2001). *Distribution across artifacts: How designed artifacts illustrate school leadership practice*. Paper presented at the 2001 American Educational Research Association Annual Meeting, Seattle WA.

Spillane, J. & Halverson, R. (1999). *Examining the role of local instructional leaders in the implementation of state and national standards: Lessons learned and a research agenda*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, April, 1998.

Service and Invited Presentations

National Service

Wallace Foundation Education Leadership Network. 2021-

National Policy Board of Educational Leaders Equity-Centered Leadership Standards Committee. 2021-

Computer Supported Collaborative Learning (CSCL) Annual Conference Organizing Committee. 2012-2016

American Education Research Association Communications Committee 2011-2013.

National Academy of Education. Project to Explore Uses of Data Captured from Adaptive Educational Technologies (AET). 2011.

Spencer Foundation Panel on The Aims of Higher Education: Problems of Morality and Justice. 2011.

Spencer Foundation Panel on Data-Driven Instructional Research. 2010-2011.

Invited Speaker, National Academy of Education Panel on Simulations and Videogames for STEM Learning. 2010.

Standing Review Panel Member. US Department of Education Institute of Education Sciences. 2008-2011.

Review panel, US Department of Education School Leadership Grant Competition, May 2005; National Science Foundation 2002; 2003; 2006; 2008; 2011; 2012, 2015.

University of Wisconsin representative for the University Council of Educational Administration. 2004-2009.

Program Review Committees: Utah State (2021); Texas Women's College (2021); Madison Metropolitan School District RockIT program (2021).

Editorial Board Member, *Educational Administration Quarterly*, *Journal of School Leadership*, *Journal of Learning Sciences*, *Innovate: Journal of Online Education*.

Manuscript Reviewer, *Educational Administration Quarterly*; *Journal of the Learning Sciences*, *Science Education*, *Education Researcher*; *Review of Education Research*; *Education Policy*; *Education Evaluation and Policy Analysis*; *Designs for Learning*; *Teachers College Record*; *Journal of Education Change*; *IEEE Access*, *African Education Review*, *Children Youth Environments*; *Asian Policy Review*, *Journal of Jewish Education*; *Education Policy*; *Journal of School Leadership*; *What Works Clearing House*, *PLOS-One*, *Innovate*, *American Education Research Journal*, *AERA Open*, *Designs for Learning*.

Conference proposal reviewer, American Educational Research Conference; University Council of Educational Administration; International Conference for the Learning Sciences; International Conference on Advanced Learning Technologies; Games, Learning and Society Conference; Computer-Supported Collaborative Learning Conference.

Proposal Reviewer, National Science Foundation; Institute for Education Sciences (US Department of Education); Spencer Foundation; Social Sciences and Humanities Research Council of Canada; National Endowment for the Arts, Economic and Social Research Council, Israeli Ministry of Science and Technology, Swiss National Science Foundation

University Service

UW-Madison Information Technology Committee, 2021-

WCER Directors Advisory Council, 2021-

Named Professorship Review Committee, 2019-

Supervisor, UW-Madison School of Education Professional Learning and Community Education, 2018-2021

Supervisor, UW-Madison School of Education Grand Challenges Initiative, 2016-2021

Supervisor, UW-Madison School of Education Network Fellows Program, 2015- 2021

UW-Madison School of Education Senior Staff, 2017-2021

Reviewer, UW-Madison Institute for Clinical and Translational Research, 2018

Director, Wisconsin Collaborative Education Research Network, 2016-

Member, Social Studies Divisional Committee. 2013-14; 2016

Chair, UW-Madison School of Education Doctoral Research Program 2012-2016

Chair, UW-Madison Learning Management System and Tools Committee 2015-2018

Fellow, Wisconsin Institutes for Discovery, 2011-2020

Review Panel Member, Ira and Ineva Reilly Baldwin Wisconsin Idea Endowment. 2013-

Fellow, Morgridge Institute of Research. 2011-2013

UW-Madison Campus Blended Learning Committee 2014-15.

Facilitator, UW-Madison Games, Learning and Society Philosophy Discussion Group. 2009-2015

Faculty Appointment, University of Wisconsin-Madison School of Education Educational Psychology Department. 2001-

Faculty Appointment, University of Wisconsin-Madison School of Education Department of Curriculum and Instruction, 2007-

University of Wisconsin-Madison Information Technology Committee. 2005-2008

Faculty Committee Member, University of Wisconsin-Madison Department of Information Technology ENGAGE Advisory Group. 2004-06

Faculty research associate, System-Wide Change for All Learners and Educators (SCALE). 2003-2006.

Faculty Affiliate, Wisconsin Center for Educational Research. 2001-current.

Faculty Affiliate, Games and Professional Practice Simulations (GAPPS) research team. Advanced Academic Co-Lab, University of Wisconsin System. 2003-2007.

Faculty Affiliate, Learning Sciences Interdisciplinary Program, University of Wisconsin-Madison. 2002-2008.

Other Professional Services

Madison Education Partnership Advisory Committee, 2017-2021

State of Wisconsin Technology Advisory Board 2013-2017

Madison Metropolitan School District Technology Advisory Board 2014-2017

Smarter Balanced Assessment Consortium Architecture Review Board 2014-15.

Innovative Schools Network Advisory Board,. 2014-2019

Breathe for Change LLC, Advisory Board. 2015-2018

Visiting Scholar, Stockholm University Pedagogic Institute; Department of Computer and Systems Sciences. 2013-14.

Visiting Scholar, University of Sydney School of Education. 2013.

Advisory Board, TORSH LLC. 2012-2014.

Design Consultant, UW-System and CESA 1 Collaborative Design of Learning Technologies for Practicing Teachers. 2008.

Consultant, Institute for Learning, University of Pittsburgh. 2004-2008.

Consultant, New Leaders for New Schools. March 2002.

On-line Instructor, DePaul Continuing Studies Program. Fall 1999.

Teacher, Apogee Summer Program, Northwestern Center for Talent Development. Summer 1995 & 1996.

Invited presentations

US Department of Education Institute of Educational Science Annual Conference Invited Panelist. January 2022. (Virtual).

Deans of Veterinary Schools Annual Conference, Tampa FL. January 2022.

Stockholm City Council, May 2021 (Virtual).

Utah State University, April 2021. (Virtual).

Teachers College, Columbia. National Science Foundation Data Analytics Workshop. December 2019.

American Education Research Association and University Council of Educational Administration Summit on Education Leadership Programs, November 2019

Games and Assessment Conference, University of Minnesota, August 2019

Children and Technology Conference, Long Island NY. November 2018.

Designs for Learning Conference, Bergen Norway. May 2018.

Wisconsin Digital Governance Committee, Madison. December 2017.

Grand Challenges Research Conference, UCLA. October 2017.

Clemson University, September 2017.

University of Mississippi, September 2017

University of Memphis, September 2017

LEAP Learning, Chicago. June 2017

Personalization in Practice Research Group, May 2017.

Innovative Schools Network, Wisconsin Dells. April 2017

Madison Civics Club, April 2017. (Keynote).

FabLearn 2016, Stanford. October 2016. (Keynote).

University College-Copenhagen, May 2016.

Designs for Learning 2016 Annual Conference. Copenhagen. (Keynote).

UW-Madison Founders Day Alumni Lecture. Austin TX. April 2016. (Keynote).

Madison Metropolitan School District EdCAMP. February 2016. (Keynote).

School Leaders Advancing Technology in Education Annual Conference. December 2015.

National Taiwan University of Education, November 2015. (Keynote)

University of Taipei, November 2015.

Ming Chuan University, Taipei. November 2015. (Keynote)

Institute for Personalized Learning Annual Convening. Milwaukee. November 2015. (Keynote).

Gordon Commission on the Future of Assessment in Education. Princeton, NJ. October 2015.

UW-Madison Partner School Network Annual Gathering. October 2015. (Keynote).

UW-Madison School of Education Media, Education Resources and Information Technology. September 2015.

US Department of Education Technical Working Group on Researching the Influence of School Leaders on Student Outcomes. Washington DC. August 2015.

University of Illinois Champaign-Urbana Pathways Resource Center Annual Conference. August 2015.

Stockholm University Department of Computer and Systems Sciences. Kista, Sweden. June 2015.

Swedish Ministry of Education Summit on Developing Research-Practice Partnerships. Stockholm, Sweden. June 2015.

Emerging Learning Design Annual Conference. Montclair NJ. May 2015. (Keynote)

US Department of Homeland Security National Consortium for the Study of Terrorism and Responses to Terrorism. April 2015.

Dane County Superintendents Association. April 2015.

Scaling-UP Annual Conference. Bloomington, IL. March 2015. (Keynote).

Georgia State University, November 2014 (Keynote).

Universidade Federal Do Rio Grande Do Sul. Porto Alegre, Brazil. February 2014. (Keynote)

University of Wisconsin Interdisciplinary Training Program Seminar, February 2014.

University of Wisconsin Student Personnel Association Annual Conference, February 2014. (Keynote)

University of Illinois-Chicago Learning Sciences Seminar. February 2014.

Wisconsin Association of School District Administrators Annual Conference, January 2013. (Keynote)

Association of Wisconsin School Administrators Annual Conference, January 2014.

Educational Testing Service Data Analytics Discussion. Princeton, NJ. November 2013

Stockholm University School of Pedagogics. Stockholm, Sweden. October 2013.

Columbia University Teachers College. New York. October 2013.

Wisconsin Center for Education Research CESA Conference, February, 2013.

University of Wisconsin Center for Biology Teaching, March 2013.

School of Education and School of Computer Sciences. Stockholm University, Sweden. March 2013.

Northern Illinois University Graduate Student Invited Scholar, March 2013. (Keynote).

School Leaders Advancing Technology in Education, Association of Wisconsin School Administrators. Wisconsin Dells. December 2012.

University of Sydney Center for Research on Computer Supported Learning and Cognition. Sydney, AU. July 2012

University of British Columbia School of Communication and Information Sciences. Vancouver, CA. April 2012 (Keynote).

Washington D.C. Public Schools Leadership Council. March 2012.

Wisconsin Center for Education Products and Services Board. February 2012

Florida State University. Conference on the Institutionalization of Accountability. February 2012. (Keynote).

University of the Philippines. International Conference on the Redesign of the K-12 Education System. January 2012. (Keynote).

Southern Regional Education Board. *Electronic Campus* and Educational Technology Cooperative Annual Meeting. September 2011.

Los Angeles Public Schools SubDistrict 5 Leadership Council. Los Angeles, August 2011.

Minority Students Achievement Network Leadership Conference. Chicago, IL. July 2011. (Keynote).

University of California-San Diego. June 2011.

University of California-Berkeley. Cyberlearning Tools for STEM Education Conference. March 2011.

Google. Mountain View, CA. March 2011.

Sanford Health Systems. Madison, WI. February 2011.

Madison Chaos and Complexity Seminar. Madison, WI. February 2011.

Oconomowoc School District, Oconomowoc, WI. February 2011.

Wisconsin Department of Public Instruction's Every Child's a Graduate Conference. Madison WI. January 2011.

Whitewater School District, Whitewater WI. November 2010.

Association of American Schools in Mexico Annual Conference. Guadalajara, MX. September 2010.

University of Pittsburgh Learning Research and Development Center. September 2010.

Grand Rapids Public Schools, August 2010.

State Education Technology Directors Annual Meeting. (Virtual Presentation). July 2010.

Edgewood College. Madison, WI. July 2010.

Wisconsin Association of School Boards. July 2010.

Wisconsin Center for Education Research. Discussion of National Technology Plan. May 2010.

Wisconsin Center for Education Research. Annual WCER Conference for Wisconsin CESAs. February 2010.

Social Studies for the 21st Century Conference. Madison, WI. February 2010. (Keynote).

Spencer Foundation Conference on Data Use in Schools. Chicago. February 2010.

Vanderbilt University Medical School. Conference on the use of Information Systems in Medicine and Education. Nashville, TN. January 2010.

Wisconsin Academy of Arts and Sciences. Madison, WI. November 2009.

Carnegie Mellon University, November 2009.

University of Texas-San Antonio, October 2009.

Stanford University, Palo Alto, CA. October 2009.

University of San Francisco. October 2009.

National Academy of Education. Washington, DC. September 2009.

Educational Testing Services, Princeton, NJ. September 2009.

Dallas Public Schools. June 2009.

UW-Madison Teaching Academy. June 2009

Chinese American Educational Research and Development Association. San Diego, CA. April 2009. (Keynote).

Wisconsin Institutes for Discovery. Madison. February 2009.

Chicago Public Schools. February 2009

Archdiocese of Chicago Annual Teacher Conference. November 2008. (Keynote)

UW-Madison School of Education American Education Week Conference. November 2008.

UW-Madison Division of Information Technology ENGAGE Conference. October 2008.

Foundations, Inc. Moorestown, NJ. October 2008.

Minority Student Achievement Network. Madison, WI. July 2008.

Institute for Learning Annual Conference, Ft Lauderdale. May 2008.

Apple Computers. Cupertino, CA. April 2008.

Re-imagining Public Education: The 5th annual Three Deans Conference. University of Melbourne, AU. August 2007.

University of Pittsburgh, Institute for Learning Summer Conference July 2007.

McFarland (WI) School District. June 2007.

Joint Forces Command, E-Learning Conference. George Mason University. June 2007.

Austin (TX) Public Schools. May 2007.

Wisconsin Department of Public Instruction. April 2007.

Games, Learning and Society Research Group, UW-Madison. March 2007.

Wisconsin Center for Educational Research - Value-Added Research Coalition (VARC) UW-Madison. November 2006.

UW-Madison ENGAGE Conference Keynote. November 2006.

SRI, Palo Alto CA. September 2006.

Festschrift for Allan Collins, Evanston, IL. March 2006.

Wisconsin Educational Media Conference. March 2006.

WCER Visiting Advisory Committee. February 2006.

Dane County Middle School Principals. Jan 2006.

Nicolet Technical College (WI) (October 2005)

Macarthur Foundation, IL. September 2005.

Innovate Author Virtual Discussion. September 2005.

Kansas Department of Public Instruction. September 2005.

University of Illinois-Chicago. September 2005.
University of Wisconsin Technical Colleges. April 2005.
Institute for Learning (Pittsburgh). March 2005.
Department of Educational Psychology (UW). February 2005.
University of Wisconsin School of Education. January 2005.
Educational Leadership and Policy Analysis Conference. November 2004.
UW-Madison Learning Sciences Program. October 2004.
Wisconsin Department of Public Instruction. June 2004.
CESA 2 (WI). April 2004.
UW-Madison Technology Coordinator Certification Program. July 2003.
UW Social Capital Discussion. March 2003.
Spencer Doctoral Research Program Talk (UW). February 2003.
Educational Psychology Colloquium. January 2003.
Wisconsin Idea Seminar. June 2002.
Wisconsin School Leadership Academy selection committee, February 2002.
Wisconsin Association of School District Administrators Superintendent search committee. March 2002.
Evaluator, Mother McAuley High School North Central Committee, February 2002;
Queen of Peace High School North Central Committee, May 2002.

Advising Record

Major Advisor for 42 PhD Students, including: Jon Aleckson (C&I), Kim Amidzich, Jeff Biessman, Becky Blink, Mark Blitz, Virginia Carlson (C&I), Matt Clifford, Jennifer Dalsen (C&I), Seann Dikkers, Shirley Droese, Regina Figuereido-Brown (EPS), Meg Filkins, John Fischer, Kristen Gurtner, Sarah Hackett (C&I), Emilie Hofacker, Matthew Hora (EdPsyc), Julie Kallio, Yi-Hwa Liou, Justin Lonsbury, Mike Mades, Charles McNulty, Curt Mould, Mike Murphy, Kendra Parks-Lowery, Reid Prichett, Yeonjai Rah, Adalbert Gerald Soosai Raj (CS), Tanushree Rawat, Francis Redmon, Julia Rutledge (EdPsyc), Jason Salisbury, Lonie Salkowski (C&I), Angela Samosorn (C&I), Lael Simmons, Karin Spader (C&I), Chris Thomas, David Vitale, Laura Wartman Bloker, Jeff Watson (Engineering), Nate Wills, Moses Wolfenstein,

Committee Member for 278 PhD students in Education Leadership and Policy Analysis, Educational Psychology, Curriculum and Instruction, Industrial Engineering, Media Studies, and Computer Science.