

Steven Lonn

Curriculum Vitae

Office of Enrollment Management
University of Michigan
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EDUCATION

- 2009 **Ph.D. in Education (Learning Technologies)**
School of Education, University of Michigan
Emphasis in Higher Education
Dissertation Title: Student Use of a Learning Management System for Group Projects:
A Case Study Investigating Interaction, Collaboration, and
Knowledge Construction
Committee: Chris Quintana (Chair), Eric Dey, Addison Stone, Stephanie D. Teasley
- 2004 **M.A. in Educational Technology**
School of Education, University of Michigan
- 2000 **B.A. in Psychology (Distinction in the Major) and Religious Studies**
High Honors
University of California, Santa Barbara

RESEARCH INTERESTS

Enrollment Management, Student Affordability, College Access, Transition to Higher Education, Student Success, Learning Analytics, Learning Sciences and Technology, Higher Education

TEACHING INTERESTS

Enrollment Management, Learning Technologies, Learning Sciences, Survey-Based Research, Mixed Research Methods, Internet Use in Education

PROFESSIONAL EXPERIENCE

- July 2016-
Current **Director of Enrollment Research and Data Management**
Office of Enrollment Management, University of Michigan
I am responsible for the high-level management and communication of enrollment data. As an executive member of the Office of Enrollment Management (OEM) management team, I effectively oversee the data functions of the units reporting to the Vice Provost for Enrollment Management including Registrar's Office, Office of Undergraduate Admissions, Office of Financial Aid, and Office of New Student Programs. In my role, I lead the coordination of research projects, data collection and reporting efforts of the senior staff members responsible for data in the OEM units. I also develop research agendas and conduct policy analysis, assessment, and program evaluation for the OEM as well as collaborate with other university units to create a common understanding of enrollment data analysis and reporting.
Supervisor: Kedra Ishop.

Sept 2015-
June 2016

Assistant Director for Assessment & Evaluation

Digital Education and Innovation (DEI), University of Michigan

I provided planning, direction, and coordination for assessment and evaluation activities across initiatives within the DEI portfolio. My role within DEI's consultative model was ensuring appropriate evaluation plans across initiatives while also identifying key outcomes and interpretations of findings in service of overall DEI strategic planning. I also served as the primary connection point between DEI and the Learning, Education and Design (LED) Lab on topics related to technology and learning analytics research within higher education. *Supervisor: Mike Daniel.*

June 2013-
August 2015

Assistant Director, Learning, Education, and Design (LED) Lab and Learning Analytics Specialist

Digital Education and Innovation (DEI), University of Michigan

I supported DEI initiatives and collaborators by working with partners to identify key research questions and analyzing how to incorporate emerging technologies and learning analytics into teaching, learning, and research. In my role as Assistant Director of the LED Lab, I lead and coordinated several research projects and grants aimed at providing a significant contribution to scholarship about learning and teaching in the emerging field of learning analytics by building an empirical evidentiary base of technology rich learning environments. *Lab Director: Stephanie D. Teasley.*

May 2011-
June 2013

Research Specialist, USE Lab

Digital Media Commons, University of Michigan

As a research staff member in the USE Lab, I conducted, participated in, advised, and assisted in the coordination of research focused on understanding how instructors, students, and others in higher education contexts use enterprise-level technologies and how to improve their design for teaching, learning, and collaboration. *Lab Director: Stephanie D. Teasley.*

Sept. 2009-
April 2011

Postdoctoral Research Fellow: USE Lab

Digital Media Commons, University of Michigan

As part of the USE Lab, I conducted research focused on understanding how instructors, students, and others in higher education contexts used enterprise-level technologies and how to improve their design for teaching, learning, and collaboration.

My main responsibilities included conducting the annual campus-wide online survey for instructors and students at the University of Michigan (Ann Arbor & Dearborn campuses). This work also included coordinating, organizing, and analyzing a multi-institutional survey initiative with other institutions using Sakai. In early 2009, this initiative included 15 institutions in North America and Europe.

My other responsibilities included supervising and working with graduate students on their research related to technology use, analyzing and writing research summaries, conducting log file analyses, and other research-related activities. *Lab Director: Stephanie D. Teasley.*

Feb. 2005-

Graduate Student Research Asst.: USE Lab

- Aug. 2009 **Digital Media Commons, University of Michigan**
 I began working with the CTools / Sakai team at the University of Michigan as a member of the User Support team. I soon thereafter began involvement in the development, collection, and analysis of the annual user survey.
- My dissertation research about how undergraduate students used CTools for their course projects emerged from my work in the USE Lab. I have also investigated podcast integration with CTools and several other data analysis activities within the Sakai community. Additionally, I have led training sessions about CTools and other campus technologies. *Lab Director: Stephanie D. Teasley.*
- July 2003-
 Dec. 2004 **Using Handheld Technologies in High School Economics Project**
 School of Education, University of Michigan
 This research was a collaborative design project in which four high school economics teachers used Texas Instruments technologies as part of their instruction. As part of this project, I managed all of the technology training and distribution. I also collected qualitative and quantitative data including videotaping instructors' teaching and also analyzed this data, and co-wrote research summaries and related research articles. *Project Director: C. Rodney Williams.*
- Jan. 2003-
 Nov. 2003 **Project IDEAL (Improving Distance Education for Adult Learners)**
 Institute of Social Research, University of Michigan
 Project IDEAL is a multi-state initiative coordinating training, technology assistance, and research analysis for online and distance adult education. I designed Excel spreadsheets for complex data entry, assisted with data collection, and maintained the project website. I also assisted in a wide variety of technology-oriented research tasks throughout my tenure with the project. *Project Director: Jerome Johnston.*
- Sept. 2002-
 June 2003 **Technology Integration in Teacher Education Project**
 School of Education, University of Michigan
 This was a small research project stemming from a course about how pre-service teachers integrate technology into their curriculum and daily instruction. I designed and conducted interviews with the pre-service instructors and also participated in the analysis and writing of the research summaries. *Project Director: C. Rodney Williams.*
- Sept. 2001-
 Dec 2001 **Highly Interactive Classrooms, Curricula, & Computing in Education (Hi-Ce)**
 School of Education, University of Michigan
 As a research assistant in a large project oriented towards urban science curriculum and supporting educational technologies, I worked closely with middle school teachers from the Detroit Public Schools. I helped provide technology support, curriculum training, and in-service training sessions. *Supervising Faculty: Barry Fishman.*
- Sept. 1999-
 June 2000 **Video as Seductive Details Research**
 Department of Psychology, University of California, Santa Barbara
 This was my senior-year research project in which video was used as a factor in exploring cognitive constraints on multimedia learning. As this was an individually designed research project, I was responsible for all facets of the study design, data collection, analysis, and writing of results. *Supervising Faculty: Richard E. Mayer.*

- Sept. 1998-
June 2000 **Social Distance and Tolerance Research**
Department of Psychology, University of California, Santa Barbara
This survey-based research investigated undergraduate students' attitudes about race, religion, and other social issues. I helped design, collect, and analyze the survey questions using Excel and SPSS. In my senior year, I supervised and managed a project team of twenty undergraduate student researchers and also wrote research summaries for public presentation. *Project Director: Deborah Levine-Donnerstein.*

TEACHING EXPERIENCE

- Summer 2011 & 2012 **EDT 501: Research, Trends, and Issues in Educational Technology**
School of Education, University of Michigan-Dearborn
This online masters course was designed to acquaint the students with research, trends, and issues facing education in the digital era. The course looked at the wide range of developments in technology and investigated the trends that are impacting the field of educational technology. Students also explored and analyzed key issues related to technology in the classroom of the twenty-first century.
- Fall 2011 **EDT 211/511: Educational Technology in the Secondary Classroom**
School of Education, University of Michigan-Dearborn
This online masters course was designed to acquaint the students with research, trends, and issues facing education in the digital era. The course looked at the wide range of developments in technology and investigated the trends that are impacting the field of educational technology. Students also explored and analyzed key issues related to technology in the classroom of the twenty-first century.
- Winter 2010 **Education 222: Videogames & Learning**
School of Education, University of Michigan
This course, open to all undergraduates, was designed to develop students' critical perspectives on learning, interactive media, and games through empirical research and evaluation. As part of the teaching team for this course, I reviewed weekly reading reactions, grade papers, facilitate class discussion, and guide student group project development.
- Summer 2005 - Winter 2010 **CTools / Sakai Workshops (Ongoing)**
USE Lab, Digital Media Commons, University of Michigan
Directed mainly to faculty and staff, I have led a wide variety of workshops about how to use the campus learning management system and other instructional technologies for teaching, learning, and project-based uses. Workshop topics have included basic functionality, advanced features, podcasting, and specific uses for doctoral students and committees.
- Summer & Fall 2002 **Education 504: Teaching with Technology, Graduate Student Instructor**
School of Education, University of Michigan
This course covered different ways secondary teachers can embed technology into their curriculum and daily teaching. I led a variety of technology-centered workshops focusing on different subject areas, mentored the pre-service teachers on the issues and readings for the course, and assisted with grading (enrollment: 35 students).
- Winter 2002 **Psychology 380: Introduction to Social Psychology, Graduate Student Instructor**

Department of Psychology, University of Michigan

This course was an introduction to social psychology topics and issues for upper-level undergraduate students. I prepared and delivered content for two discussion sections and led students in activities related to the weekly lecture topics. I also graded papers, helped students develop small research projects, and met with students individually (enrollment: 60 students).

REFEREED PAPERS, BOOK CHAPTERS, AND PUBLICATIONS

- 2018 Glasener, K., Slay, K., Lonn, S., & Ishop, K. **Beyond Access: Examining Low-Income Students' Academic and Social Transition to a Highly Selective Public University.** Paper presented at the *Annual Meeting of the American Educational Research Association*, New York, NY, April 23.
- 2017 Lonn, S., McKay, T. A., & Teasley, S. D. **Cultivating Institutional Capacities for Learning Analytics.** In (J. Zilvinskis & V. Borden, Eds.) *New Directions for Higher Education*, no. 179 (pp 53-63). San Francisco: Jossey-Bass. doi: 10.1002/he.20243
- 2017 Zhang, C., Lonn, S., & Teasley, S. D. **Understanding the Impact of Lottery Incentives on Web Survey Participation and Response Quality: A Leverage-salience Theory Perspective.** *Field Methods*, 29(1), 42-60. doi: 10.1177/1525822X16647932
- 2016 Waddington, R. J., Nam, S., Lonn, S., & Teasley, S. D. **Improving Early Warning Systems with Categorized Course Resource Usage.** *Journal of Learning Analytics*, 3(3), 263-290. doi: 10.18608/jla.2016.33.13
- 2016 Oster, M., Lonn, S., Pistilli, M. D., & Brown, M. G. **The Learning Analytics Readiness Instrument.** *Proceedings of the Sixth International Conference on Learning Analytics and Knowledge* (173-182). New York: ACM. doi: 10.1145/2883851.2883925
- 2016 Brown, M. G., DeMonbrun, R. M., Lonn, S., Aguilar, S. J., & Teasley, S. D. **What and When: The Role of Course Type and Timing in Students' Academic Performance.** *Proceedings of the Sixth International Conference on Learning Analytics and Knowledge* (459-468). New York: ACM. doi: 10.1145/2883851.2883907
- 2015 Lonn, S., Aguilar, S. J., & Teasley, S. D. **Investigating Student Motivation in the Context of a Learning Analytics Intervention During a Summer Bridge Program.** *Computers in Human Behavior*, 47 (90-97). doi: 10.1016/j.chb.2014.07.013
- 2015 Winschel, G.A., Everett, R.K., Coppola, B.P., Shulz, G.V., & Lonn, S. **Using jigsaw-style spectroscopy problem-solving to elucidate molecular structure through online cooperative learning.** *Journal of Chemical Education*. doi: 10.1021/acs.jchemed.5b00114
- 2015 Price, D. M., Strodtman, L., Brough, E., Lonn, S., & Luo, A. **Digital Storytelling: An Innovative Technological Approach to Nursing Education.** *Nurse Educator*, 40(2), 66-70. doi: 10.1097/NNE.0000000000000094
- 2015 Aguilar, S., Karabenick, S.A., Gehring, W., & Lonn, S. **Better than predicted? Modeling college math students' predictions of future exam performance.** Paper presented at the *Annual Meeting of the American Educational Research Association*, Chicago, IL.

- 2014 Krumm, A. E., Waddington, R. J., Lonn, S., & Teasley, S. D. **A learning management system-based early warning system for academic advising in undergraduate engineering.** In (J. A. Larusson & B. White, Eds.) *Learning Analytics: From Research to Practice* (pp 103-119). New York: Springer. doi: 10.1007/978-1-4614-3305-7_6
- 2014 Leeder, C. & Lonn, S. **Faculty usage of library tools in a learning management system.** *College & Research Libraries*, 75(5), 641-663. doi: 10.5860/crl.75.5.641
- 2014 Nam, S., Lonn, S., Brown, T., Davis, C. S., & Koch, D. **Customized Course Advising: Investigating Engineering Student Success with Incoming Profiles and Patterns of Concurrent Course Enrollment.** *Proceedings of the Fourth International Conference on Learning Analytics and Knowledge* (pp. 16-25). Indianapolis, IN: ACM.
- 2014 Aguilar, S., Lonn, S., & Teasley, S. D. **Perceptions and Use of an Early Warning System During a Higher Education Transition Program.** *Proceedings of the Fourth International Conference on Learning Analytics and Knowledge* (pp. 113-117). Indianapolis, IN: ACM.
- 2014 Arnold, K., Lonn, S., & Pistilli, M. D. (equal authorship). **An Exercise in Institutional Reflection: The Learning Analytics Readiness Instrument (LARI).** *Proceedings of the Fourth International Conference on Learning Analytics and Knowledge* (pp. 163-167). Indianapolis, IN: ACM.
- 2013 Leeder, C., Lonn, S., & Knox, L. (2013, September). **GROCS: Longitudinal Impacts of Student-Initiated, Interdisciplinary, Collaborative Projects.** *EDUCAUSE Review Online*. Available: <http://www.educause.edu/ero/article/grocs-longitudinal-impacts-student-initiated-interdisciplinary-collaborative-projects>
- 2013 Lonn, S., Aguilar, S., & Teasley, S.D. **Issues, challenges, and lessons learned when scaling up a learning analytics intervention.** Paper presented at the 3rd *Learning Analytics and Knowledge Conference*. Leuven, Belgium.
- 2013 Lonn, S. **Scaling up the lessons learned while analyzing learning objects usage on the ground.** Paper presented at the *Workshop on Learning Object Analytics for Collections, Repositories & Federations*, part of the 3rd *Learning Analytics and Knowledge Conference*. Leuven, Belgium.
- 2013 Makara, K. A., Lonn, S., Ritsema, S., & Teasley, S. D. **How does university instructors' use of learning management systems impact students' self-regulation?** Paper presented at the *Annual Meeting of the American Educational Research Association*, San Francisco, CA.
- 2013 Quinones, P., Lonn, S., & Teasley, S.D. **Appropriation by unanticipated users: looking beyond design intent and expected use.** Paper presented at the *2013 Conference on Computer-Supported Cooperative Work*, San Antonio, TX. Available in the Proceedings (1515-1526).
- 2012 Lonn, S., Krumm, A.E., Waddington, R.J., & Teasley, S.D. **Bridging the gap from knowledge to action: Putting analytics in the hands of academic advisors.** Paper presented at the 2nd *Learning Analytics and Knowledge Conference*. Vancouver, BC, Canada. Available in the Proceedings (184-187). doi: 10.1145/2330601.2330647

- 2012 Krumm, A.E., Waddington, R.J., Lonn, S., & Teasley, S.D. **Increasing Academic Success in Undergraduate Engineering Education using Learning Analytics: A Design-Based Research Project.** Paper presented at the Annual Meeting of the American Educational Research Association. Vancouver, BC, Canada.
- 2011 Peet, M., Lonn, S., Gurin, P., Boyer, K.P., Matney, M., Marra, T., Taylor, S.H., & Daley, A. **Fostering Integrative Knowledge Through ePortfolios.** *International Journal of ePortfolio*, 1(1), 11-31.
- 2011 Lonn, S., Teasley, S.D. & Krumm, A.E. **Who Needs to Do What Where?: Using Learning Management Systems on Residential vs. Commuter Campuses.** *Computers and Education*, 56(3), 642-649. doi: [10.1016/j.compedu.2010.10.006](https://doi.org/10.1016/j.compedu.2010.10.006).
- 2011 Zhang, C., Lonn, S. & Teasley, S.D. **Impact on Data Quality of Making Incentives Salient in Web Survey Invitations.** Paper presented at the 66th Annual Conference of the American Association for Public Opinion Research. Phoenix, AZ.
- 2010 Lonn, S. & Krumm, A.E. **Commuter vs. Residential: LMS Perceptions & Use on Two Campuses.** Paper presented at the *International Conference of the Learning Sciences* as part of a Symposium entitled **Are We Managing Learning with Learning Management Systems?** Chicago, IL, July 1. Available in the proceedings (Vol. 2), 133-140.
- 2010 Krumm, A.E. & Lonn, S. **A Multi-Institutional Analysis of Interactions Supported by a LMS.** Paper presented at the *International Conference of the Learning Sciences* as part of a Symposium entitled **Are We Managing Learning with Learning Management Systems?** Chicago, IL, July 1. Available in the proceedings (Vol. 2), 133-140.
- 2009 Lonn, S. & Teasley, S.D. **Podcasting in Higher Education: What are the Implications for Teaching and Learning?** *The Internet and Higher Education*, 12(2), 88-92. doi:[10.1016/j.iheduc.2009.06.002](https://doi.org/10.1016/j.iheduc.2009.06.002)
- 2009 Lonn, S. & Teasley, S.D. **Saving Time or Innovating Practice: Investigating Perceptions and Uses of Learning Management Systems.** *Computers and Education*, 53(3), 686-694. doi:[10.1016/j.compedu.2009.04.008](https://doi.org/10.1016/j.compedu.2009.04.008)
- 2009 Lonn, S., Teasley, S.D., & Krumm, A.E. **Investigating Undergraduates' Perceptions and Use of a Learning Management System: A Tale of Two Campuses.** Paper presented at the Annual Meeting of the American Educational Research Association. San Diego, CA, April 16.
- 2009 Lonn, S. **Using Learning Management Systems for Course Projects: A Case Study of Student Collaboration.** Paper presented at the Annual Meeting of the American Educational Research Association. San Diego, CA, April 14.
- 2008 Lonn, S. & Teasley, S.D. **Downloading the Current State of Podcasting on Campus: What Are the Implications for Teaching and Learning?** Paper presented at the Annual Meeting of the American Educational Research Association. New York, NY, March 27.
- 2008 Lonn, S. & Teasley, S.D. **Investigating Perceptions and Uses of Learning Management Systems: Saving Time or Innovating Practice?** Paper presented at the Annual Meeting of the American Educational Research Association. New York, NY, March 26.

- 2007 Lonn, S., Teasley, S.D. & Hemphill, L. **What Happens to the Scores? The Effects of Learning Management Systems Use on Students' Course Evaluations.** Paper presented at the Annual Meeting of the American Educational Research Association. Chicago, IL, April 10.
- 2006 Lonn, S. **Characteristics of "Communities of Practice" in a Lesson Study Group: Examples from the High School Economics Project.** Paper presented at the Annual Meeting of the American Educational Research Association. San Francisco, CA, April 9.
- 2004 Williams, C.R. & Lonn, S. **Issues Centered Social Studies, Lesson Study and New Technologies: A Design Experiment in High School Economics.** Paper presented at the 2004 Annual College and University Faculty Association of the NCSS Conference. Baltimore, MD, November 18.
- 2001 Mayer, R.E., Heiser, J. & Lonn, S. **Cognitive Constraints on Multimedia Learning: When Presenting More Material Results in Less Understanding.** *Journal of Educational Psychology*, 93(1), 187-198. doi:10.1037/0022-0663.93.1.187

PRESENTATIONS AND INVITED TALKS

- 2018 Bausch, E., Glasener, K., & Lonn, S. **Culturally Engaging Campus Environments: A Model of Understanding Low-Income Students' Sense of Belonging in their First Year.** Presentation at the *Michigan Association for Institutional Research Annual Conference*, Midland, MI, November 8.
- 2018 Bauer, N. & Lonn, S. **The effects of the Federal Work-Study Program: A Single-Institution Study.** Presentation at the *Michigan Association for Institutional Research Annual Conference*, Midland, MI, November 8.
- 2018 Lonn, S., Michelmore, K., Brown, B., Thornburg, K., & Ishop, K. **Flipping Financial Aid: Recruitment and Transition for Low-Income Students.** Panel Presentation at the *College Board Forum*, Dallas, TX, October 24.
- 2018 Lonn, S. **Assessing Low-Income Student Transition at a Highly Selective Institution.** Presentation at the *Association for Institutional Research Forum*, Orlando, FL, May 30.
- 2018 Lonn, S. & Auerbach, G. **The Data is Flat: Enabling Learning Analytics Research using Institutional Student Data.** Presentation at the *Higher Education Data Warehousing Forum*, Corvallis, OR, April 10.
- 2017 Glasener, K. & Lonn, S. **An Enrollment Management Approach to Investigating Low-Income Students' Transition to Higher Education.** Presentation at the *Michigan Association for Institutional Research Annual Conference*, Ann Arbor, MI, November 2.
- 2017 Lonn, S. **The LARC Project: Normalizing Student Data for IR and Learning Analytics.** Presentation at the *Association for Institutional Research Forum*, Washington, DC, June 1. Materials: <http://airforum2017.azurewebsites.net/SessionDetail.aspx?id=89100> Video: <https://player.vimeo.com/video/221611236>
- 2016 Lonn, S. **Actionable Learning Analytics: Practical Lessons for Teaching and Learning.** Keynote talk at University of Missouri, Kansas City. Accelerating the Shift: UMKC Online

Conference. Slides: <http://www.slideshare.net/stevelonn/actionable-learning-analytics-practical-lessons-for-teaching-and-learning>

- 2015 Van den Blink, C., Nixon, A., Morgan, G., Lonn, S., & Dahlstrom, E. **Moving the Red Queen Forward: Maturing Learning Analytics Practices.** Panel Presentation at the *EDUCAUSE Annual Meeting*, Indianapolis, IN, October 29. Available: <https://events.educause.edu/annual-conference/2015/proceedings/moving-the-red-queen-forward-maturing-learning-analytics-practices>
- 2015 Lonn, S. & Auerbach, G. **Using Canvas APIs to Serve a Campus Early Warning System.** Presentation at *InstructureCon 2015*, Park City, UT, June 18.
- 2015 Arnold, K. & Lonn, S. (*equal presentation*). **Differences among Institutional Faculty and Staff in Learning Analytics Readiness Levels.** Presentation at the *EDUCAUSE Learning Initiative Annual Meeting*, Anaheim, CA, February 10. Available: <http://www.educause.edu/eli/events/eli-annual-meeting/2015/learning-analytics-and-student-success>
- 2015 Hickey, D., Gamrat, C., & Lonn, S. (*equal presentation*). **Digital Badges in Higher Ed: An Emergent and Transformative Technology for Engaged Learning.** Presentation at the *EDUCAUSE Learning Initiative Annual Meeting*, Anaheim, CA, February 10. Available: <http://www.educause.edu/eli/events/eli-annual-meeting/2015/digital-badges-higher-ed-emergent-and-transformative-technology-engaged-learning>
- 2014 Lonn, S. **How Digital Badges Can Answer Research Questions Across Domains.** Presentation at *Mozilla Festival 2014*, London, England, October 25.
- 2014 Lonn, S., Brooks, C., Pardos, Z. A., Peddycord III, B., Schneider, E., Roll, I., & Shaw, A. **MOOCShop 2014.** Workshop presentation at *International Conference of the Learning Sciences*, Boulder, CO, June 23. Available in the Proceedings (Vol. 3), 1961.
- 2014 Lonn, S., Thomas, B., & Stubbs, C. **Digital Badges: Perspectives from Multiple Institutions.** Panel Presentation at the *AAEEBL Midwest Regional Conference*, Ann Arbor, MI, May 19.
- 2014 Arnold, K., Lonn, S., & Pistilli, M. D. (*equal presentation*). **Institutional Reflection on Readiness: The Learning Analytics Readiness Instrument.** *EDUCAUSE Learning Initiative Online Seminar*, May 19.
- 2014 Lonn, S., Holman, C., & Leasia, J. **Using Digital Badges to Recognize Co-Curricular Learning.** Presentation at University of Michigan's *Enriching Scholarship*, Ann Arbor, MI, May 6.
- 2014 Lonn, S. & Fontenot, D. **Student Explorer: An Early Warning System for Supporting Academic Advising at the University of Michigan.** Presentation at the 24th Annual Equity in the Classroom Conference, Ann Arbor, MI, March 31.
- 2014 Lonn, S. & Goldberg, D. **Working With Learning Analytics Data: Basics that can Inform Your STEP Project.** Workshop presentation at 2014 NSF STEP Grantees Meeting, Washington D.C., March 6.
- 2014 Arnold, K., Lonn, S., & Pistilli, M. D. (*equal presentation*). **Prime Your Institution for Success: An Introduction to the Learning Analytics Readiness Instrument.** Presentation at the *EDUCAUSE Learning Initiative Annual Meeting*, New Orleans, LA, February 4. Available:

<http://www.educause.edu/events/educause-learning-initiative-annual-meeting/2014/prime-your-institution-success-introduction-learning-analytics-readin>

- 2014 Barritt, M., Knox, L., & Lonn, S. **How to Investigate Connected Learning Environments on Campus.** Pre-conference workshop for the *EDUCAUSE Learning Initiative Annual Meeting*, New Orleans, LA, February 3.
- 2013 Arnold, K., Lonn, S., & Pistilli, M. D. (*equal presentation*). **Is Your Institution Ready to Innovate with Learning Analytics?** Presentation for EDUCAUSE Learning Initiative Fall Focus Session (Online), November 6. Available: <http://www.educause.edu/events/eli-online-fall-focus-session-2013-2/2013/your-institution-ready-innovate-learning-analytics>
- 2013 Teasley, S. D., Lonn, S., & Koo, E. (2013). **Massive Michigan: A First Look at the Analytics of UM's 2012-2013 MOOC Courses.** Presentation at the UM Student Learning and Analytics at Michigan (SLAM) Series, October 11. Available: <http://crlt.umich.edu/slam>
- 2013 Arnold, K., Lonn, S., & Pistilli, M. (2013) (*equal presentation*). **Analytics Readiness - Is Your Institution Primed for Success?** Presentation for *Educause Learning Initiative (ELI) 2013 Annual Meeting* (Face to Face and Online), Denver, CO, February 4.
- 2013 Lonn, S., Gunderson, B., Kerner, N., & Rodgers, E. (2013). **Leveraging Open Technologies and Cross-Disciplinary Pollination to Transform Introductory Courses.** Presentation for *Educause Learning Initiative (ELI) 2013 Annual Meeting* (Face to Face and Online), Denver, CO, February 4.
- 2012 Rodgers, E.P., Lonn, S., Kelderman, F. **Online Learning Objects: Affecting Change Through Cross-Disciplinary Practices and Open Technologies.** Panel presentation at the *5th Annual International Symposium for Emerging Technologies for Online Learning*, Las Vegas, NV, July 26.
- 2012 Lonn, S. & Baron, M. **Learning Analytics 101.** Presentation at the *Jasig Sakai Conference 2012*, Atlanta, GA, June 11.
- 2012 Lonn, S., Baron, M., Campbell, W.G., Hedrick, C., & Thanos, K. **Learning Analytics: A Panel Debate on the Merits, Methodologies, and Related Issues.** Panel presentation at the *Jasig Sakai Conference 2012*, Atlanta, GA, June 13.
- 2012 Lonn, S. & Kiskis, D. **Learning Analytics at Michigan: Designing Displays for Advisors, Instructors, and Students.** Presentation at the *Jasig Sakai Conference 2012*, Atlanta, GA, June 13.
- 2011 Lonn, S., Dorairaj, M., Baron, J., & McDaniel, M. **Analytics: Extended Collaboration Session.** Panel presentation at the *Sakai Conference*, Los Angeles, CA, June 16.
- 2011 Lonn, S. **Just Clicking Through: How Instructors Use Sakai as a Web Portal.** Presentation at the *Sakai Conference*, Los Angeles, CA, June 16.
- 2011 Lonn, S. **Investigating Changes in Integrative and Lifelong Learning: Students' Use of ePortfolios.** Presentation at the *Sakai Conference*, Los Angeles, CA, June 15.

- 2011 Lonn, S., Plourde, M., & Teasley, S.D. **From Community Source to Open Data: Leveraging the Sakai Community to Make Better Decisions.** Presentation at the *Educause Learning Initiative Conference*. Washington, DC, February 15.
- 2010 Lonn, S., Teasley, S.D., Krumm, A.E., Conley, S., & Mengod, R. **Quoth the User: The Multi-Institutional Survey Initiative.** Panel presentation at the *11th Sakai Conference*, Denver, CO, June 16.
- 2010 Lonn, S., Aditya, A., Leasia, J., & Martinez, D.R. **Under the Hood: Using the Data Generated by Sakai.** Panel presentation at the *11th Sakai Conference*, Denver, CO, June 16.
- 2009 Lonn, S. **Let's Collaborate! – How Biology Students Use Sakai Project Sites.** Presentation at the *10th Sakai Conference*, Boston, MA, July 10.
- 2009 Lonn, S., Teasley, S.D., Conley, S., Firfyiwew, Y., Glackin, M., Amann, K., López, R. M., & Dashew, B. **What Do Users Say? Findings from the Multi-Institutional Survey Initiative.** Panel presentation at the *10th Sakai Conference*, Boston, MA, July 8.
- 2008 Lonn, S. & Teasley, S.D. **Comparing Sakai Users at a Residential and Commuter Campus.** Presentation at the *Sakai Regional Conference*. Blacksburg, VA, Nov. 11.
- 2007 Lonn, S. & Wagner, M. **Using Google Analytics and User Logs to Improve Help Documentation.** Presentation at the *8th Sakai Conference*. Newport Beach, CA, Dec. 6.
- 2007 Lonn, S., Angell, N., Hancock, M. & Teasley, S.D. **How Are Project Sites Used in Sakai?** Panel presentation at the *8th Sakai Conference*. Newport Beach, CA, Dec. 4.
- 2006 Lonn, S. **What Do Users Say? Looking at Survey Results from Different Populations.** Presentation at the *6th Sakai Conference*. Atlanta, GA, Dec. 7.
- 2006 Ziegler, J. & Lonn, S. **Black Belt Support.** Presentation at the *6th Sakai Conference*. Atlanta, GA, Dec. 6.
- 2006 Lonn, S. & Leasia, J. **Podcasting Introduction, Creation, and Integration with Sakai.** Workshop presentation at the *5th Sakai Conference*. Vancouver, BC, May 31.
- 2006 Teasley, S., Lonn, S., Khan, S., Narvid, J. & Riskey, A. **Using Surveys to Evaluate Sakai: Goals and Results.** Panel presentation at *5th Sakai Conference*. Vancouver, BC, May 31.
- 2004 Lonn, S., Williams, C.R., Gaddis, I., Gustafson, K., Schwartz, M. & Wandless, C. **Using Handheld Technologies in High School Economics.** Panel session at the *84th National Council of the Social Studies Annual Conference*. Baltimore, MD, November 20.
- 2004 Williams, C.R. & Lonn, S. **Using Handheld Technologies in the High School Social Studies Classroom.** Workshop at the *Michigan Association for Computer Users in Learning*, Grand Rapids, MI, March 10.
- 2003 Williams, C. R., Lonn, S., Kenney, P., Peters, C., et al. **ePortfolios in teacher education: New ideas about learning to teach in the digital age.** Panel presentation at *2003 Invisible College Meeting (AERA)*. Chicago, IL, April 20.

- 2003 Williams, C. R., Lonn, S., Kenney, P., Peters, C., et al. **New approaches to technology integration in teacher education: Where are we and where are we going?** Panel presentation at *2003 Invisible College Meeting (AERA)*. Chicago, IL, April 19.
- 2003 Williams, C.R., Brunvand, S., Cleveland, Lonn, S., Toth-Chernin, J. & White, A. A **Collaborative Design Process Among Student Designers, Teachers and Students.** Panel presentation at the *Michigan Association for Computer Users in Learning*, Detroit, MI, March 13.

CONFERENCE POSTERS

- 2016 Lonn, S., Arnold, K., & Gunkel, M. **Accelerating Learning Analytics: Consortium Driven Learning Analytics.** *EDUCAUSE Learning Initiative Annual Meeting*, San Antonio, TX, February 3. Available: <https://events.educause.edu/eli/annual-meeting/2016/proceedings/accelerating-learning-analytics-consortium-driven-learning-analytics>
- 2015 Lonn, S. & Gamrat, C. **Using Digital Badges for Co-Curricular Learning Engagement.** *EDUCAUSE Annual Conference*. Indianapolis, IN, October 28. Available: <http://www.educause.edu/annual-conference/2015/using-digital-badges-curricular-and-cocurricular-learning-engagement>
- 2015 Walker, A.M., Lee, F., & Lonn, S. **Scaffolds: Experimenting With Student-Driven Open Badging in an iSchool Context.** *iConference 2015*. Newport Beach, CA, March 26.
- 2014 Lonn, S., Aguilar, S., & Teasley, S. D. **Demystifying Success in a Summer Bridge Program: Investigating Students' Intrinsic Motivation and Mastery Goals in the Context of a Learning Analytics Intervention.** *Proceedings of the International Conference of the Learning Sciences* (Vol 3, pp. 1665-1666). Boulder, CO.
- 2014 Lonn, S. & Teasley, S. D. **Student Explorer: A Tool for Supporting Academic Advising at Scale.** *Proceedings of the First ACM Conference on Learning @ Scale* (pp. 175-176). Atlanta, GA: ACM.
- 2012 Leeder, C., Lonn S., & Hollar, S. **Use of library tools in a Learning Management System.** *iConference 2012*. Toronto, Canada, February 10.
- 2011 Krumm, A.E., Waddington, R.J, Lonn, S. & Teasley, S.D. **Collaboration at Scale: How and Why are Instructors Using Collaborative Learning Management System Tools?** *9th International Conference on Computer-Supported Collaborative Learning*. Hong Kong, China.
- 2011 Krumm, A.E., Vath, R., Waddington, R.J., Lonn, S. & Teasley, S.D. **Using System Log Data to Measure Opportunities for Learning.** *Annual Meeting of the American Educational Research Association*. New Orleans, LA, April 9.
- 2010 Lonn, S. **Finding the "Learning" in Biology Students' Use of Learning Management Systems.** *International Conference of the Learning Sciences*. Chicago, IL, June 29.
- 2007 Teasley, S.D. & Lonn, S. **Using Learning Management Systems to Support Students' Collaborative Learning in Higher Education.** *Computer-Supported Collaborative Learning Conference*. New Brunswick, NJ, July 10.

- 2005 Lonn, S., Lotia, M.B. **Selected Findings from the 2005 CTools Faculty and Student Survey.** *4th Sakai Conference.* Austin, TX, December 6.
- 2004 Lonn, S. & Williams, C.R. **Using Handheld Technologies in High School Economics: A School-University Collaborative Design Project.** *6th International Conference of the Learning Sciences.* Santa Monica, CA, June 24.
- 2003 Williams, C.R. & Lonn, S., Grey, D. **Design Experiments: Innovative Approaches to Technology Integration in Teacher Education.** *14th Annual International Conference of the Society for Information Technology in Teacher Education.* Albuquerque, NM, March 27.
- 2000 Lonn, S. & Levine-Donnerstein, D. **Religious and Racial/Ethnic Differences in Social Distance and Tolerance.** *108th Annual American Psychological Association Convention.* Washington, D.C., August 7.

FUNDED RESEARCH

- 2015 **Transforming Learning for a Third Century (TLTC) Transformation Grant**
Project Title: Changing the Way We Teach the Ancient World: Engaged Learning Tools for Ancient World Classrooms
Award Amount: \$816,491
Competition and Review: The TLTC grant programs aim to fund the most exciting and innovative ideas from across the University of Michigan campus to enhance engaged, action-based learning for U-M students. The Transformation fund is aimed at large-scale changes to instruction and/or infrastructure, enabling faculty and staff to implement new learning approaches for sustainable and replicable adoption.
- 2014 **Transforming Learning for a Third Century (TLTC) Transformation Grant**
Project Title: Personalizing at Scale: Engaging Every Student as an Individual
Award Amount: \$1,400,000
Competition and Review: The TLTC grant programs aim to fund the most exciting and innovative ideas from across the University of Michigan campus to enhance engaged, action-based learning for U-M students. The Transformation fund is aimed at large-scale changes to instruction and/or infrastructure, enabling faculty and staff to implement new learning approaches for sustainable and replicable adoption.
- 2014 **Bill and Melinda Gates Foundation**
Project Title: Investigating Learning Analytics Readiness
Award Amount: \$26,500
Competition and Review: A sub-grant of the Learning Analytics Crosswalk to Learner Relationship Management project, this grant supported further development and launch of the Learning Analytics Readiness Instrument, including the development of feedback for items and factors, the establishment of the psychometric properties of the instrument, and the creation of the live version of the instrument for general use.
- 2014 **Transforming Learning for a Third Century (TLTC) Discovery Grant**
Project Title: Changing the Way We Teach the Ancient World: Developing Statistical Tools for Assessment
Award Amount: \$26,214

Competition and Review: The TLTC grant programs aim to fund the most exciting and innovative ideas from across the University of Michigan campus to enhance engaged, action-based learning for U-M students. Quick Wins and Discovery fund relatively small-scale, “shovel ready” projects that have transformative potential for curriculum, pedagogy, and student learning and/or projects that embrace risk, discovery, and experimentation, empowering faculty members and staff to explore opportunities beyond the traditional.

2013 Pennsylvania State University Center for Online Innovation in Learning (COIL)

Project Title: Exploring Scholarly Discourse in MOOC Discussion Forums

Award Amount: \$30,383

Competition and Review: The purpose of the COIL's Research Initiation Grant Program is to provide “seed funding” during the development and “proof of concept” stages of research projects that have the potential to enhance teaching and learning through online innovation. It is expected that most of the project teams funded by COIL will use the preliminary evidence generated to pursue external funding for larger-scale and subsequent studies.

2013 Transforming Learning for a Third Century (TLTC) Quick Wins Grant

Project Title: Recognizing Co-Curricular Learning Using Digital Badges

Award Amount: \$24,543

Competition and Review: The TLTC grant programs aim to fund the most exciting and innovative ideas from across the University of Michigan campus to enhance engaged, action-based learning for U-M students. Quick Wins and Discovery fund relatively small-scale, “shovel ready” projects that have transformative potential for curriculum, pedagogy, and student learning and/or projects that embrace risk, discovery, and experimentation, empowering faculty members and staff to explore opportunities beyond the traditional.

2013 Exploring Learning Analytics Grant

Project Title: Library Analytics for Student Success (LASS)

Award Amount: \$46,000

Competition and Review: The Learning Analytics Task Force at the University of Michigan provides support for projects that will analyze data generated in academic activities at Michigan with the goal of better understanding teaching and learning on campus. Recipients of ELA grants receive both technical and financial support, and are expected to contribute intellectually to the learning analytics community at Michigan.

2013 Exploring Learning Analytics Grant

Project Title: Customized Course Advising

Award Amount: \$43,389

Partnership with Women in Science & Engineering and College of Engineering

Competition and Review: The Learning Analytics Task Force at the University of Michigan provides support for projects that will analyze data generated in academic activities at Michigan with the goal of better understanding teaching and learning on campus. Recipients of ELA grants receive both technical and financial support, and are expected to contribute intellectually to the learning analytics community at Michigan.

2013 Exploring Learning Analytics Grant

Project Title: Engaged Advising

Award Amount: \$90,750

Partnership with Comprehensive Studies Program and Letters, Sciences, and the Arts

Competition and Review: The Learning Analytics Task Force at the University of Michigan provides support for projects that will analyze data generated in academic activities at Michigan with the goal of better understanding teaching and learning on campus. Recipients of ELA grants

receive both technical and financial support, and are expected to contribute intellectually to the learning analytics community at Michigan.

2009 School of Education Dissertation Finishing Grant

Project Title: Student Use of Learning Management System Tools for Course Projects:
Investigating Interaction, Collaboration, and Knowledge Construction.

Award Amount: \$5,497

Competition and Review: This grant is intended to provide need based tuition support for students in the term in which they defend a dissertation. Requests are reviewed by the School of Education Graduate Affairs Committee (GAC). Financial need, progress towards dissertation completion, and advisor's recommendation are all taken into account in the decision process.

2008 Rackham Graduate Student Research Grant

Project Title: Student Use of Learning Management System Tools for Course Projects:
Investigating Interaction, Collaboration, and Knowledge Construction.

Award Amount: \$2,400

Competition and Review: This grant is designed to support Rackham graduate students who need assistance to carry out research that advances their progress toward their degree. The grant is intended to defray costs of conducting clearly defined research projects. Criteria for funding includes the clarity and coherence of the rationale for the project, the significance of the research question being addressed, the value of the project for the student's graduate school and career goals, the qualifications of the student to carry out the proposed research, and the relevance and reasonableness of the budget request for the activities proposed.

2004- Collaboratory for Advanced Research and Academic Technologies (CARAT) /

2005 Rackham Information Technology Fellowship

Project Title: The Integration of Wireless Technology into Teaching and Learning in Social Studies Award Amount: \$22,722

Competition and Review: Fellowship is open to all departments in the Rackham Graduate School at the University of Michigan. An interdisciplinary panel of faculty reviews applications and makes recommendations to CARAT and Rackham staff.

PROFESSIONAL DEVELOPMENT ACTIVITIES

2018 **NCES Data Institute.** Intensive 8-week introduction to the National Center for Education Statistics (NCES) datasets and research methodologies. Competitive application process. Developed and operated by the Association for Institutional Research.

2015- **IT Leadership Training.** Intense 9-month leadership training course, moderated by MOR
2016 Associates.

2012 **Social Network Analysis.** Course "Statement of Accomplishment" earned via Coursera.org (Instructor: Lada Adamic). Course completed on December 6.

2009 **Career Roadmaps for Postdocs: Regional Meeting of the National Postdoctoral Association.** Ann Arbor, MI. October 10.

2008 **Michigan Virtual University Symposium: Online Solutions to Everyday Challenges.** Ypsilanti, MI. February 6.

2008 **Mixed Methods Research – Lecture & Graduate Workshop with Dr. John Creswell.** Ann Arbor, MI. February 4.

2007 **Implementing Online Surveys Workshop.** Facilitators: Fred Conrad and Mick Couper. Part of the *e-Social Science Conference*, Ann Arbor, MI. October 7.