

# Stephanie Danell Teasley

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## **Education & Experience**

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### **Degrees Awarded**

Ph.D.: 1992, Learning, Development, and Cognition; Department of Psychology, University of Pittsburgh, Pittsburgh, PA.

Dissertation title: *Communication and collaboration: The role of talk in children's peer collaborations.*

Committee: Lauren B. Resnick (Chair), Michelene Chi, David Klahr, & Leona Schauble

B.A.: 1981, Psychology, Kalamazoo College, Kalamazoo, MI.

### **Academic Positions.**

- 09/11 – present *Research Professor.* School of Information  
University of Michigan, Ann Arbor, MI.
- 12/02 – present *Director.* Learning, Education and Design (LED) Lab (formerly USE Lab)  
University of Michigan, Ann Arbor, MI.
- 08/06 – 09/12 *Director.* Doctoral Program, School of Information  
University of Michigan, Ann Arbor, MI.
- 06/11 – 01/12 *Visiting Scholar.* Department of Human Centered Design & Engineering  
College of Engineering, University of Washington, Seattle, WA
- 11/03 – 08/11 *Research Associate Professor.* School of Information  
University of Michigan, Ann Arbor, MI.
- 09/01 – 11/03 *Senior Associate Research Scientist.* School of Information  
University of Michigan, Ann Arbor, MI.
- 03/96 - 09/01 *Senior Assistant Research Scientist.* Collaboratory for Research on Electronic Work  
School of Information, University of Michigan, Ann Arbor, MI.
- 09/94 - 09/96 *Visiting Scholar.* Psychology Department  
University of Michigan, Ann Arbor, MI.
- 06/92 - 09/94 *Postdoctoral Research Fellow.* Psychology Department  
University of Michigan, Ann Arbor, MI.

## **Scholarship**

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Citation metrics: <http://scholar.google.com/citations?user=2b3mJYcAAAAJ&hl=en>

Note. *Early publications includes those under former name, S. D. Behrend*

### **Refereed Journals**

- Teasley, S. D. (in press). Learning Analytics: Where Information and Learning Sciences Meet. In *Information and Learning Science*, inaugural issue.
- Brown, M. R., DeMonbrun, M., & Teasley, S. D. (in press). Taken Together: Conceptualizing students' concurrent course enrollment across the post-secondary curriculum using temporal analytics. *Journal of Learning Analytics*
- Teasley, S. D. (2017). Student Facing Dashboards: One Size Fits All? *Technology, Knowledge and Learning*, 22 (3), 377-384.  
doi: 10.1007/s10758-017-9314-3.
- Lonn, S., McKay, T. A., & Teasley, S. D. (2017). Cultivating institutional capacities for learning analytics. *New Directions in Higher Education*, 176, 53-63.  
doi: 10.1002/he.20243
- Lee, H. J., Lee, H., Makara, K. A., Fishman, B. J., & Teasley, S. D. (2017). A cross-cultural comparison of college students' learning strategies for academic achievement between South Korea and the US. *Studies in Higher Education*, 42 (1), 169-183.  
doi: 10.1080/03075079.2015.1045473 (available online in 2015)
- Waddington, R. J., Nam, S. J., Lonn, S., & Teasley, S. D. (2016). Improving early warning systems with categorized course resource usage. *Journal of Learning Analytics*, 3 (3), 263-290.  
doi.org/10.18608/jla.2016.33.13
- Zhang, C., Lonn, S., & Teasley, S. D. (2016). Understanding the impact of lottery incentives on web survey participation and response quality –A Leverage-Saliency Theory Perspective. *Field Methods*, 29 (1), 1-19.  
doi: 10.1177/1525822X16647932
- Pardo, A., & Teasley, S. D. (2015). Learning analytics research, theory and practice: Widening the discipline. *Journal of Learning Analytics*, 1 (3), 4-6.
- Dillahunt, T., Wang, Z., & Teasley, S. D. (2014). Democratizing higher education: Exploring MOOC use among those who cannot afford a formal education. *International Review of Research on Open and Distance Learning*, 15 (5).  
doi: doi.org/10.19173/irrodl.v15i5.1841
- Auer, J. C., Kao, C-Y., Hemphill, L., Johnston, E. W., Teasley, S. D. (2014). The uncertainty challenge of contingent collaboration. *Human Resource Management Journal*, 25 (4), 531-547.  
doi: 10.1111/1748-8583.12045

- Lonn, S., Aguilar, S., & **Teasley**, S. D. (2014). 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
- Popov, V., Noroozi, O., Barrett, J. B., Biemans, H. J. B., **Teasley**, S. D., Slof, B., & Mulder, M. (2014). Perceptions and experiences of, and outcomes for, university students in culturally diversified dyads in a computer-supported collaborative learning environment. *Computers in Human Behavior*, 32, 186-200.  
doi: 10.1016/j.chb.2013.12.008
- Giannakos, M. N., Chorianopoulos, K., Ronchetti, M., Szegedi, P., & Teasley, S. D. (2014). Video-Based Learning and Open Online Courses. *International Journal of Emerging Technologies in Learning*, 9 (1), 4-7.  
doi: 10.3991/ijet.v9i1.3354
- Noroozi, O., **Teasley**, S. D., Biemans, H. J. A., Weinberger, A., & Mulder, M. (2013). Facilitating Learning in Multidisciplinary Groups with Transactive CSCL Scripts. *International Journal of Computer Supported Collaborative Learning*, 8 (2), 189-223.  
<http://link.springer.com/article/10.1007/s11412-012-9162-z>
- Lonn, S., & **Teasley**, S. D., Krumm, A. E. (2011). Who needs to do what where?: Using learning management systems on residential vs. commuter campuses. *Computers & Education*, 56, 642-649.  
doi: 10.1016/j.compedu.2010.10.006
- Lonn, S., & **Teasley**, S. D. (2009a). 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
- Lonn, S., & **Teasley**, S. D. (2009b). Saving time or innovating practice: Investigating perceptions and uses of learning management systems. *Computers & Education*, 53 (3), 686-694.  
doi.org/10.1016/j.compedu.2009.04.008
- Yew, J., Gibson, F. P., & **Teasley**, S. D. (2006). Learning by tagging: The role of social networking in group knowledge formation. *The MERLOT Journal of Online Learning and Teaching*, 2 (4), 275-285.
- Schleyer, T., **Teasley**, S. D., & Bhatnagar, R. (2005). Comparative case study of two biomedical research collaboratories. *Journal of Medical Internet Research*, 7 (5), e53.
- Teasley**, S. D., Covi, L. A., Olson, J., & Krishnan, M. S. (2002). Rapid software development through team collocation. *IEEE Transactions on Software Engineering*, 28 (6), 671-683.
- Teasley**, S. & Wolinsky, S. (2001). Scientific collaborations at a distance. *Science*, 292, 2254-2255.
- Finholt, T., & **Teasley**, S. D. (1998). The need for psychology in CSCW research. *Social Science Computer Review*, 16 (1), 40-52.
- Teasley**, S. D. (1995). Communication and collaboration: The role of talk in children's peer interactions. *Developmental Psychology*, 31 (2), 207-220.
- Perlmutter, M., **Behrend**, S. D., Kuo, F., & Muller, A. (1989). Social influences on children's problem solving. *Developmental Psychology*, 25 (5), 744-754.

### **Refereed Proceedings**

- Brown, M. R., DeMonbrun, M., & **Teasley**, S. D. (2018). Conceptualizing Co-enrollment: Accounting for student experiences across the curriculum. *Proceedings of the 8<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 305-309). Sydney, Australia: ACM. **Awarded Best Short Paper.**
- Haynes, C. C., **Teasley**, S. D., Haley, S. & Whitmer, J. (2018). How am I Doing?: Student-Facing Performance Dashboards in Higher Education. *Companion Proceedings of the 8<sup>th</sup> International Conference on Learning Analytics & Knowledge*. Sydney, Australia: ACM.
- Brooks, C., **Teasley**, S. D., & Siemens, G. (2017). Challenges and Opportunities Facing Educational Discourse Researchers. *Proceedings of the 7<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 600-601). Vancouver, Canada: ACM.
- Brown, M. R., DeMonbrun, M., & **Teasley**, S. D. (2017). Don't Call it a Comeback: Academic Recovery and the Timing of Educational Technology Adoption. *Proceedings of the 7<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 489-493). Vancouver, Canada: ACM. **Best Short Paper Nominee.**
- Brown, M. R., DeMonbrun, M., Lonn, S., Aguilar, S., & **Teasley**, S. D. (2016). What and When: The Role of Course Type and Timing in Students' Academic Performance. *Proceedings of the 6<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 459-468). Edinburgh, Scotland: ACM.
- Brooks, C., Thompson, C., & **Teasley**, S. D. (2015a). A Time Series Interaction Analysis Method for Building Predictive Models of Learners using Log Data. *Proceedings of the 5<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 126-135). Poughkeepsie, NY: ACM.
- Brooks, C., Chavez, O., Tritz, J., & **Teasley**, S. D. (2015). Reducing Selection Bias in Quasi-Experimental Educational Studies. *Proceedings of the 5<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 295-299). Poughkeepsie, NY: ACM.
- Brooks, C., Thompson, C., & **Teasley**, S. D. (2015b). Who You Are or What You Do: Comparing the Predictive Power of Demographics versus Activity Patterns in Massive Open Online Courses (MOOCs). *Proceedings of the Learning @ Scale Conference* (pp. 245-248). Atlanta, GO: ACM.
- Aguilar, S., Lonn, S., & **Teasley**, S. D. (2014). Demystifying Success in a Summer Bridge Program: Investigating Students' Intrinsic Motivation and Mastery Goals in a Design-Based Research and Learning Analytics Intervention. *Proceedings of the International Conference of the Learning Sciences* (pp. 1665-1666). Boulder, CO: ACM
- Aguilar, S., Lonn, S., & **Teasley**, S. D. (2014). Perceptions and Use of an Early Warning System during a Higher Education Transition Program. *Proceedings of the 4<sup>th</sup> International Conference on Learning Analytics & Knowledge* (pp. 113-117). Indianapolis, IN: ACM.
- Dillahunt, T., Chen, B., & **Teasley**, S. D. (2014). Model Thinking: Demographics and Performance of Students Unable to Afford a Formal Education. *Proceedings of the Learning @ Scale Conference* (pp. 145-146). Atlanta, GO: ACM.
- Lonn, S. & **Teasley**, S. D. (2014). Student Explorer: A Tool for Supporting Academic Advising at Scale. *Proceedings of the Learning @ Scale Conference* (pp. 175-176). Atlanta, GO: ACM.

- Lonn, S., Aguilar, S. & **Teasley, S. D.** (2013). Issues, Challenges, and Lessons Learned When Scaling up a Learning Analytics Intervention. *Proceedings of the 3<sup>rd</sup> International Conference on Learning Analytics & Knowledge* (pp. 234-239). Leuven, Belgium: ACM.
- Quinones, P., **Teasley, S. D.**, & Lonn, S. (2013). Appropriation by Unanticipated Users: Looking Beyond Design Intent and Expected Use. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (pp. 1515-1526). San Antonio, TX: ACM.
- Noroozi, O., Biemans, J. A., **Teasley, S. D.** & Mulder, M. (2012). Fostering Multidisciplinary Learning through Computer-Supported Collaboration Script: The Role of a Transactive Memory Script. *Proceedings of the EC-TEL 2012: Seventh European Conference on Technology Enhanced Learning* (pp. 413-418). Saarbrücken, Germany: Springer.
- Lonn, S., Krumm, A. E., Waddington, R. J., & **Teasley, S. D.** (2012). Bridging the gap from knowledge to action: Putting analytics in the hands of academic advisors. *Proceedings of the 2<sup>nd</sup> International Conference on Learning Analytics & Knowledge* (pp. 184-187). Vancouver, BC: ACM.
- Krumm, A. E., Waddington, J., & Teasley, S. D. (2011). Collaboration at scale: How and why are instructors using collaborative learning management system tools? *Proceedings of the Conference on Computer Supported Collaborative Learning* (pp. 868-869). Hong Kong: LEA.
- Cook, E., & **Teasley, S. D.** (2011). Beyond promotion and protection: Creators, audiences and common ground in user-generated media. *Proceedings of iConference 2011* (pp. 41-47). Seattle, WA: ACM.
- Solomon, J., Newman, M. W., & **Teasley, S. D.** (2010). Speaking through text: The influence of real-time text on discourse and usability in IM. *Proceedings of the 2010 International ACM Conference on Supporting Group Work* (pp. 197-200). Sanibel Island, FL: ACM.
- Severance, C., & **Teasley, S. D.** (2010). Preparing for the long tail of teaching and learning tools. *Proceedings of the International Conference of the Learning Sciences* (pp. 758-764). Chicago, IL: LEA.
- Teasley, S. D.** (2010). Are we managing learning with Learning Management Systems? *Proceedings of the International Conference of the Learning Sciences* (pp. 133-140). Chicago, IL: LEA.
- Hanss, T., & **Teasley, S. D.** (2010). "Oh god, please don't let me hurt them!": Assessing self-regulated learning in medical school education. *Proceedings of the International Conference of the Learning Sciences* (pp. 298-299). Chicago, IL: LEA.
- Hemphill, L., & **Teasley, S. D.** (2010). Overherd: Designing information visualizations to make sense of students' online discussions. *Proceedings of the International Conference of the Learning Sciences* (pp. 302-303). Chicago, IL: LEA.
- Cook, E., **Teasley, S. D.**, Ackerman, M. (2009). Contribution, Commercialization & Audience: Understanding Participation in an Online Creative Community. *Proceedings of the 2009 International ACM Conference on Supporting Group Work* (pp. 41-50). Sanibel Island, FL: ACM.
- Teasley, S. D.**, Fisher, F., Weinberger, A., Stegmann, K., Dillenbourg, P., Kapur, M., & Chi. M. (2008). Cognitive convergence in collaborative learning. *Proceedings of the International Conference of the Learning Sciences* (pp. 360-367). Utrecht, Netherlands: LEA.

- Teasley, S. D., & Lonn, S.,** (2007). Using learning management systems to support collaborative learning in higher education. *Proceedings of the Conference on Computer Supported Collaborative Learning* (pp. 717-719). Bloomington, IN: LEA.
- Sampson, P. J., **Teasley, S. D.,** van der Pluijm, B., & Knoop, P. (2006). Using handheld PCs and Peer Instruction to improve science teaching and learning in higher education. *Proceedings of the International Conference of the Learning Sciences* (pp. 980-981). Bloomington, IN: LEA.
- Cook, E., **Teasley, S. D.,** Ackerman, M. (2006). Socio-technical factors of practice transmission in an online creative tool community. *Proceedings of the International Conference of the Learning Sciences* (pp. 908-909). Bloomington, IN: LEA.
- Yew, J., Gibson, F., & **Teasley, S. D.** (2006). Learning by tagging: Group knowledge formation in a self-organizing learning community. *Proceedings of the International Conference of the Learning Sciences* (pp. 1010-1011). Bloomington, IN: LEA.
- Bejian Lotia, M. & **Teasley, S. D.** (2005). Supporting the dissertation process with Grad Tools. *Proceedings of the 2005 International ACM Conference on Supporting Group Work* (pp. 144-147). Sanibel Island, FL: ACM.
- Cook, E., **Teasley, S. D.,** Olson, J. (2005). Heterogeneity in harmony: Diverse practice in a multimedia arts collective. *Proceedings of the 2005 International ACM Conference on Supporting Group Work* (pp. 334-335). Sanibel Island, FL: ACM.
- Teasley, S. D.,** Covi, L., Krishnan, M. S., & Olson, J. S. (2000). How does radical collocation help a team succeed? *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (pp. 339-346). Philadelphia, PA: ACM.
- Teasley, S. D.,** Finholt, T. A., Potter, C. S., Snow, G. R., Myers, J. D. (2000). Participatory science via the Internet. *Proceedings of the International Conference of the Learning Sciences* (pp. 376-383). Ann Arbor, MI:LEA.
- Olson, J. S., & **Teasley, S. D.** (1996). Groupware in the wild: Lessons learned from a year of virtual collocation. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (pp. 419-427). Boston, MA: ACM.
- Behrend, S. D.,** Singer, J., & Roschelle, J. (1988). A methodology for the analysis of collaborative learning in a physics microworld. *Proceedings of the International Conference on Intelligent Tutoring Systems* (pp. 48-53), Montreal, Canada.
- Singer, J., **Behrend, S. D.,** & Roschelle, J. (1988). Children's collaborative use of a computer microworld. *Proceedings of the Second Conference on Computer-Supported Cooperative Work* (pp. 271-281), Portland, Oregon.

### Edited Books

- Resnick, L. B., Levine, J., & **Teasley, S. D.** (Eds.). (1991). *Perspectives on Socially Shared Cognition*. Washington, DC: APA.

### **Book Chapters**

- Krumm, A. E., Waddington, R. J., **Teasley, S. D.**, & Lonn, S. (2014). Using Data from a Learning Management System to Support Academic Advising in Undergraduate Engineering Education. In J. A. Larusson & B. White. (Eds.), *Learning Analytics from Research to Practice: Methods, Tools, and Approaches* (pp. 103-119). Berlin: Springer-Verlag.
- Teasley, S. D.** (2010). Methods for capturing collaboration. In S. Puntambeker, C. Hmelo-Silver, & G. Erkens (Eds.), *Interactions in CSCL: Methodology, Approaches and Issues* (pp. 131-142). Berlin: Springer-Verlag.
- Teasley, S. D.**, Schleyer, T., Hemphill, L., & Cook, E. (2008). Three distributed biomedical research centers. In G. M. Olson, A. Zimmerman, & N. Bos (Eds.), *Scientific Collaboration on the Internet* (pp. 233-250). Boston, MA: MIT Press.
- Olson, J. S., **Teasley, S. D.**, Covi, L. M., & Olson, G. M. (2002). The (currently) unique advantages of collocated work. In P. Hinds & S. Keisler (Eds.), *Distributed Work: New Research on Working across Distance Using Technology* (pp. 113-135). Boston, MA: MIT Press.
- Olson, G. M., Finholt, T. A., & **Teasley, S. D.** (2000). Behavioral aspects of collaboratories. In S. H. Koslow & M. F. Huerta (Eds.), *Electronic Collaboration in Science* (pp. 1-14). Mahwah, NJ: Erlbaum.
- Teasley, S. D.** (1997). Talking about reasoning: How important is the peer in peer collaborations? In L. B. Resnick, R. Saljo, C. Pontecorvo, & B. Burge (Eds.), *Discourse, Tools, and Reasoning: Situated Cognition and Technologically Supported Environments* (pp. 361-384). Berlin: Springer-Verlag.
- Roschelle, J., & **Teasley, S. D.** (1995). The construction of shared knowledge in collaborative problem solving. In C. O'Malley (Ed.), *Computer Supported Collaborative Learning* (pp. 69-97). Berlin: Springer-Verlag.
- Teasley, S. D.**, & Roschelle, J. (1993). Constructing a joint problem space: The computer as a tool for sharing knowledge. In S. P. Lajoie & S. D. Derry (Eds.), *Computers as Cognitive Tools* (pp. 229-258). Hillsdale, NJ: Erlbaum.

### **Other Publications**

- Noroozi, O., Weinberger, A., Biemans, H. J. A., **Teasley, S. D.**, Mulder, M. (2012). Fostering Multidisciplinary Learning through Computer-Supported Collaboration Script: The role of a Transactive Memory Script. *21<sup>st</sup> Century Learning for 21<sup>st</sup> Century Skills, Lecture Notes in Computer Science* (7563), 413-418.
- Teasley, S. D.** (2002). Collaboratories, the Internet and human communication in a post September-11 world. *International Communications Newsletter*, 30 (1), 11.
- Fay, A. L., **Teasley, S. D.**, Cheng, B. H., Bachman, K. M., & Schnakenberg, J. H. (1995). *Children's interest in and understanding of science and technology: A study of the effects of CRO*. Children's Television Workshop: New York, NY.

**Papers Presented at Professional Meetings (refereed, non-archival proceedings)**

- DeMonbrun, R. M., Brown, M., & **Teasley, S. D.** (June, 2018). *The Snowball Effect: Exploring the Influence of Changes in Academic Performance on Student Success in Co-enrolled Courses*. Presentation at the American Society for Engineering Education (ASEE) Annual Conference & Exposition. Salt Lake City, UT.
- Fishman, B. & **Teasley, S. D.** (June, 2017). *Using micro-credentials in higher education admissions: Badges as evidence for college success*. Presentation at the 2017 Badge Summit. San Antonio, TX.
- Teasley, S. D.** & Whitmer, J. (February, 2017). *Analytics research: Effective tool use patterns and student responses to data-driven interventions*. Presentation at the ELI Annual Meeting (Educause). Houston, TX.
- Makara, K. A., Fishman, B., Karabenick, S., & **Teasley, S. D.** (June, 2015). *Students' interpersonal connections with peers and staff at the start of higher education*. Paper presented at the QAA International Conference on Enhancement and Innovation in Higher Education, Glasgow, UK.
- Dillahunt, T., & **Teasley, S. D.** (December, 2013). *Understanding Massively Open Online Courses (MOOCs) as a Pathway to Employment for Low-Income Populations*. Paper presented at the MOOC Research Conference. Arlington, TX.
- Brooks, C., & **Teasley, S. D.** (December, 2013). *Understanding the Relationship MOOC Students have with Traditional Institutions of Higher Education*. Paper presented at the MOOC Research Conference. Arlington, TX.
- Cook, E., Zhang, C., & **Teasley, S. D.** (November, 2013). *Context Effects in Surveys of Social Media Users*. Paper presented at the annual meeting of the Midwest Association for Public Opinion Research (MAPOR). Chicago, IL.
- Noroozi, N., Stephanie D. **Teasley, S. D.**, Biemans, H., Weinberger, A., Mulder, M., & Chiza, M. (April, 2013). *Fostering Multidisciplinary Learning with Computer-Supported Collaboration Scripts*. Paper presented at the Annual Meeting of the American Educational Research Association. San Francisco, CA.
- Makara, M., Lonn, S., Ritsema, S., & **Teasley, S. D.** (April, 2013). *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.
- Teasley, S. D.** (February, 2013). *Using Analytics to Support Academic Advising for At-Risk STEM Students*. Paper presented at the annual meeting of the EDUCAUSE Learning Initiative (ELI). Denver, CO.
- Noroozi, O., Biemans, H.J.A., Mulder, M. & **Teasley, S. D.** (September, 2012). *Effects of the discussion script on argumentation-based computer supported collaborative learning*. Paper presented at the European Conference on Educational Research. Cadiz, Spain.
- Popov, V., Willumsen, J., Biemans, H.J.A., **Teasley, S. D.**, & Noroozi, O. (September, 2012). *Collaborative learning in culturally heterogeneous student pairs through a CSCL environment*. Paper presented at the European Conference on Educational Research. Cadiz, Spain.



- Krumm, A. E., Waddington, R. J., Lonn, S., & **Teasley**, S. D. (April, 2012). *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, Canada.
- Krumm, A. E., & **Teasley**, S. D. (April, 2012). *A Longitudinal Analysis of Instructors' Use of a Learning Management System*. Paper presented at the Annual Meeting of the American Educational Research Association. Vancouver, Canada.
- Cook, E. C., Teasley, S. D., Wong, P., Kolasinski, M., Waterman, B. M. (October, 2011). Who's There? Supporting Audience Awareness in Creative Content Systems. Paper presented at the Annual Meeting of the American Society of Information Science and Technology. New Orleans, LA.
- Zhang, C., Lonn, S., & **Teasley**, S. D. (2011, May). *Impact on Data Quality of Making Incentives Salient in Web Survey Invitations*. Paper presented at the Annual Meeting of the American Association for Public Opinion Research, Phoenix, AZ.
- Krumm, A. E., Waddington, R. J., & **Teasley**, S. D. (2011, April). *Using System Log Data to Measure Opportunities for Learning*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Lonn, S., Plourde, M. & **Teasley**, S. D. (2011, February). *From Community-Source to Open Data: Leveraging the Sakai Community to Make Better Decisions*. Innovations Showcase presentation at the Educause Learning Initiative Annual Meeting. Washington, DC.
- Lonn, S. & **Teasley**, S. D., Conley, S., Leveque, J., Pavolka, R. (2010, June). *Quoth the User: The Multi-Institutional Survey Initiative*. Panel presentation at the Annual Sakai Conference, Denver, CO.
- Lonn, S., **Teasley**, S.D., Conley, S., Firfyiwiek, Y., Glackin, M., Amann, K., López, R. M., & Dashew, B. (2009, July). *What Do Users Say?: Findings from the Multi-Institutional Survey Initiative*. Panel presentation at the Annual Sakai Conference, Boston, MA.
- Lonn, S. & **Teasley**, S. D., & Krumm, A. E. (2009, April). *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.
- Lonn, S. & **Teasley**, S. D. (2008, November). *Comparing Sakai Users at a Residential and Commuter Campus*. Paper presented at the Sakai Regional Conference, Blacksburg, VA.
- Ringenberg, J., & **Teasley**, S. D. (2008, June). *American Idol Comes to the Classroom: Using a Multi-Tiered Class Competition to Increase Student Collaboration and Comprehension*. Paper presented at the Annual Meeting of the American Society for Engineering Education, Pittsburgh, PA.
- Lonn, S. & **Teasley**, S. D. (2008, March). *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.
- Lonn, S. & **Teasley**, S. D. (2008, March). *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.

- Lonn, S., Angell, N., Hancoak, M., & **Teasley**, S. D. (2007, December). *How are Project Sites Used in Sakai?* Panel presentation at the Annual Sakai Conference, Newport Beach, CA.
- Yew, J., Gibson, F. P., & **Teasley**, S. D. (2007, June). *Learning by tagging: The Role of Social Tagging in Group Knowledge Formation*. Proceedings of the Workshop, " Between Ontologies and Folksonomies" held in conjunction with the International Conference Communities and Technologies 2007, Lansing, MI.
- Lonn, S., **Teasley**, S. D., & Hemphill, L. (2007, April). *What Happens to the Scores? The Effects of Learning Management Systems Use on Students' Course Evaluations*. Presentation at the annual meeting of the American Education Research Association, Chicago, Illinois.
- Sampson, P. J., van der Pluijm, B., & **Teasley**, S. D. (2006, October). *ImageQuiz: A Web-Based Responder System*. Presentation at the mLearn Conference, Banff, Canada.
- van der Pluijm, B., Sampson, P. J., & **Teasley**, S. D. (2006, October). *Active Learning in Class: Teaching with Wireless Technologies in Large Survey Courses*. Presentation at the Geological Society of America, Philadelphia, PA.
- Teasley**, S. D., & Rader, E. (2006, May). *Sakai project sites: Who uses them and why*. Presentation at the Annual Sakai Conference, Vancouver, Canada.
- Teasley**, S., Lonn, S., Khan, S., Narvid, J. & Risquez, A. (2006, May). *Using Surveys to Evaluate Sakai: Goals and Results*. Panel presentation at the Annual Sakai Conference. Vancouver, BC.
- Teasley** S. D., Perpich, D., & Kassoji, S. (2005, December). *Chat 101: Using Sakai chat to affect teaching and learning*. Presentation at the Sakai Educational Partners Program Meeting, Austin, TX.
- Teasley**, S. (2005, December). *User Support Panel*. Presentation at the Annual Sakai Conference, Austin, TX.
- Zembower, T. R., Stosor, V., Poland, G. A., Foldy, S. L., **Teasley**, S., Hemphill, L., Anderson, D., Cusick, S. A., Schneewind, O., & Murphy, R. L. (2005, December). *Great Lakes RCE Emergency Response to Katrina*. Paper presented at the third annual meeting of the Great Lakes Regional Center of Excellence for Biodefense and Emerging Infectious Diseases, Hilton Head, SC.
- Teasley**, S. (2005, December). *User Support Panel*. Presentation at the Annual Sakai Conference, Baltimore, MD.
- Hemphill, L., Cook, E., & **Teasley**, S. D. (2005, March). *Support and Research: The Work of the Great Lakes RCE Communications Core*. Paper presented at the second annual national meeting of the Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research, Galveston, TX
- Zembower, T. R., Foldy, S. L., Poland, G. A., **Teasley**, S., Hemphill, L., Anderson, D., Cusick, S. A., Schneewind, O., & Murphy, R. L. (2005, March). *Great Lakes RCE Emergency Preparedness and Response*. Paper presented at the second annual national meeting of the Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research, Galveston, TX.
- Hemphill, L., Cook, E., & **Teasley**, S. D. (2004, December). *Relationships among Centrality, Reputation and Funding: A Network Analysis of Category A Agent Publications*. Paper presented at the second

- annual meeting of the Great Lakes Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Chicago, IL.
- Zembower, T. R., Foldy, S. L., Poland, G. A., **Teasley**, S., Anderson, D., Hemphill, L., Farmer, C., Cusick, S. A., Schneewind, O., Murphy, R. L. (2004, December). *Emergency Mobilization of GLRCE Resources*. Paper presented at the second annual meeting of the Great Lakes Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Chicago, IL.
- Olson, G. M., Bietz, M. J., Naidoo, M., Cogburn, D. L., & **Teasley**, S. D. (2003, October). *Collaboratories for HIV/AIDS Research in Southern Africa*. Paper presented at the Conference on Health Informatics in Africa (HELINA), Sandton, South Africa.
- Olson, G. M., **Teasley**, S. D., Bietz, M., & Cogburn, D. (2002, September). *Collaboratories to support distributed science: The example of international HIV/AIDS research*. Paper presented at the Annual Conference of the South African Institute of Computer Scientists and Information Technologists, Port Elizabeth, South Africa.
- Yerkie, J., **Teasley**, S. D., Rybicki, S., & Schacker, T. (2002, April). *Rapid response collaboratories: building bridges to quickly disseminate information*. Paper presented at the conference on Computer Supported Social Interaction, Oxford, Ohio.
- Fay, A. L., **Teasley**, S. D., Cheng, B. H., Bachman, K. M., & Schnakenberg, J. H. (1995, August). *Children's interest in and understanding of science and technology: A study of the effects of CRO*. S. Fisch (Chair), Symposium on Children's Television Workshop-- Teaching Science through the Media on Saturday Mornings. Symposium conducted at the annual meeting of the American Psychological Association, New York, NY.
- Teasley**, S. D. (1995, March). *The effects of gender, friendship, and popularity on preadolescents' gossip*. Paper presented at the biennial meeting of the Society for Research in Child Development, Indianapolis, IN.
- Parker, J. A., **Teasley**, S. D., Meissner, R., & McClellan, T. (1994, June). *The social construction of preadolescents' gossip: Content, gender, and interpersonal constraints*. Paper presented at the annual symposium of the Jean Piaget Society, Chicago, IL.
- Teasley**, S. D., & Perlmutter, M. A. (1994, April). *The cognitive consequences of social networks in middle and later adulthood*. Paper presented at the Thirteenth Biennial Conference on Human Development, Pittsburgh, PA.
- Teasley**, S. D. (1993, March). *The role of talk in children's peer collaborations*. Paper presented at the biennial meeting of the Society for Research in Child Development, New Orleans, LA.
- Teasley**, S. D. (1992, April). *Children's collaborations and talk*. E. Forman (Chair), Learning through peer collaboration: Conceptual and methodological issues. Symposium conducted at the annual meeting of the American Education Research Association, San Francisco, California.
- Behrend**, S. D., & Resnick, L. B. (1989, April). *Peer scaffolding of cognitive change in a multiple variable experiment*. Paper presented at the biennial meeting of the Society for Research in Child Development, Kansas City, Missouri.

- Behrend, S. D., & Roschelle, J.** (1989, March). *Collaborative learning of qualitative physics: A social analysis*. Paper presented at the annual meeting of the American Education Research Association, San Francisco, California.
- Roschelle, J., & **Behrend, S. D.** (1989, March). *Collaborative learning of qualitative physics: A cognitive analysis*. Paper presented at the annual meeting of the American Education Research Association, San Francisco, California.
- Behrend, S. D., Kuo, F., & Perlmutter, M.** (1987, April). *Age, task difficulty, and task familiarity as moderators of social influence on children's cognition*. M. Perlmutter (Chair), Moderators of social influence on children's cognition. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- Perlmutter, M., **Behrend, S. D., & Muller, A.** (1985, August). *Preschool children's alone vs. dyadic work with computers*. Paper presented at the meeting of the American Psychological Association, Anaheim, CA.

#### **Refereed Workshops Led at Professional Meetings**

- Lynch, G., & **Teasley, S. D.** (June, 2018). Developing and implementing an institutional data governance policies for educational data. Workshop conducted at the *Learning Analytics Summer Institute*. New York City, NY.
- Lang, C., **Teasley, S. D., & Stamper, J.** (March, 2018). Building the learning analytics curriculum. *Workshop conducted at the 8<sup>th</sup> International Conference on Learning Analytics & Knowledge*. Sydney, Australia: ACM.
- Lynch, G., & **Teasley, S. D.** (June, 2017). Developing and implementing an institutional data governance policy. Workshop conducted at the *Learning Analytics Summer Institute*. Ann Arbor, MI.
- Lang, C., **Teasley, S. D., & Stamper, J.** (March, 2017). Building the learning analytics curriculum. *Workshop conducted at the 7<sup>th</sup> International Conference on Learning Analytics & Knowledge*. Vancouver, Canada: ACM.
- Teasley, S. D., & Bedersen, B. B.** (March, 2015). Learning Analytics and iSchools: What, why & worries. *Sessions for Interaction and Engagement conducted at the iConference*. Newport Beach, CA.
- Giannakos, M., Chorianopoulos, K., Ronchetti, M., **Teasley, S. D., & Szegedi, P.** (2013, April). Workshop on analytics on video-based learning. *Workshop conducted at the 3<sup>rd</sup> International Conference on Learning Analytics & Knowledge*. Leuven, Belgium: ACM.
- Teasley, S. D., Wulf, V., Cook, E., Hemphill, L., & Yew, J.** (2008, June). The missing chapters: Learning Sciences beyond the classroom. *Workshop conducted at the International Conference of the Learning Sciences*. Utrecht, Netherlands.

#### **Invited Talks**

- Rose, C., Baker, R., Kay, J., Jeong, H., McNamara, D., Pammer-Schindler, V., **Teasley, S., & Woolf, B.** (June, 2018). A Look into the Future: Contributions from our Societies. Invited Panel at the London Festival of Learning, London, England.

- Teasley, S. D.** (June, 2018). *Actionable Research through Learning Analytics*. Keynote address at the National Institute of Informatics (NII) Open Forum 2018. Tokyo, Japan.
- Teasley, S. D.** (June, 2018). *Delivering on the Promise of Learning Analytics through Actionable Research*. Presentation at the Graduate School of Informatics, Kyoto University. Kyoto, Japan.
- Cejnar, M., Essa, A., Kennedy, G., Ridden, J., & **Teasley, S. D.** (March, 2018). *Establishing Successful Partnerships between Academics & Private Industry: Pro Tips & Lessons Learned*. Invited Panel at the Learning Analytics and Knowledge Conference, Sydney, Australia.
- Teasley, S. D.** (February, 2018). *Leveraging Learning Analytics in Higher Education: The Campus as a Laboratory for Learning*. Presentation at the Royal Melbourne Institute of Technology. Melbourne, Australia.
- Teasley, S. D.** (March, 2018). *The Role of Senior Leadership in Enabling Learning Analytics*. Panel Chair (Invited) at the Learning Analytics and Knowledge Conference, Sydney, Australia.
- Teasley, S. D.** (November, 2017). *Improving Results for Actionable Insights*. Panel Moderator (Invited) at the Learning Analytics Summit, held at the IMS Global Learning Consortium Quarterly Meeting, Redmond, WA.
- Krumm, A. & **Teasley, S. D.** (November, 2017). *Using Analytics to Improve Schools and Learning Environments*. Presentation at the EdSurge Fusion Conference on Personalized Learning. San Francisco, CA.
- Teasley, S. D.** (October, 2017). *Focusing on Learning in Learning Analytics for Research and Practice*. Keynote address at the Summit for Learning Analytics in Medical Education, International Conference on Residency Education. Quebec City, Canada.
- Teasley, S. D.** (September, 2017). *Creating the Institutional Capacity to Leverage Learning Analytics in Higher Education*. Keynote address at the Twelfth European Conference on Technology Enabled Learning. Tallinn, Estonia.
- Haythornthwaite, C., **Teasley, S. D.**, Stromer-Galley, J., Erickson, I., Hemphill, L., & Wise, A. F. (July, 2017). *Women in Social Media: Safe and Unsafe Spaces*. Invited panel held at the International Conference on Social Media & Society. Toronto, Canada.
- Teasley, S. D.** (May, 2017). *Universities and Smart Learning in the 21<sup>st</sup> Century*. Invited panelist and 2 presentations, *Current Trends and the Future of Smart Learning* and *Smart Learning Technology*, at the Fourth Annual International Conference on Education and Global Cities: Smart Learning for World Universities. St. Petersburg, Russia.
- Teasley, S. D.** (February, 2017). *Learning Analytics: Data Science for Education*. Presentation at the Women in Data Science Conference, Ann Arbor, MI.
- Teasley, S. D.** (November, 2016). *Institutional Use Cases for Analytics*. Panel Moderator at the Creating an Educational Analytics Ecosystem Summit, held at the IMS Global Learning Consortium Quarterly Meeting, Phoenix, AZ.
- Teasley, S. D.** (October, 2016). *Internet-Scale Experimentation in Education*. Panel presentation at the White House Symposium on the Future of Education R&D and Digital Learning, Washington, D.C.

- Teasley, S. D.** (September, 2016). *Cyber-Social Learning Systems: Higher Education*. Presentation at the CCC Workshop on Cyber-Social Learning Systems, Seattle, WA.
- Teasley, S. D.** (March, 2016). *Using Learning Analytics to Design Data-Driven Pathways to Academic Success in Higher Education*. Presentation at the ReSTEM Institute Research Symposium, University of Missouri, Columbia. MO.
- Haythornthwaite, C., Gasevic, D., Buckingham Shum, S., & **Teasley, S. D.** (March, 2015). *State of the Field*. Invited panel at the Learning Analytics and Knowledge Conference, Poughkeepsie, NY.
- Teasley, S. D.** (June, 2014). *What Can We Learn from Learning Analytics?* Presentation for the Donald Bren School of Information and Computer Science at the University of California-Irvine, Irvine, CA.
- Teasley, S. D., Means, B., Porcello, D., & Fishman, B.** (June, 2014). *Reflectors Panel*. Invited panel at the Cyberlearning Summit 2014, Madison, WI.
- Teasley, S. D. & Means, B.** (December, 2013). *Beyond Description and Prediction*. Invited panel at the MOOC Research Initiative Research Conference, University of Texas at Arlington, Arlington, TX.
- Teasley, S. D.** (November, 2013). *Massive Michigan: Applying Learning Analytics to UM MOOCs*. Presentation for the Combined Program in Psychology and Education (CPEP) Colloquium, University of Michigan, Ann Arbor, MI.
- Teasley, S. D., Lonn, S. & Koo, E.** (October, 2013). *Massive Michigan: Applying Learning Analytics to UM MOOCs*. Presentation for the Student Learning and Analytics and Michigan (SLAM), University of Michigan, Ann Arbor, MI.
- Teasley, S. D.** (March, 2013). *Using Learning Analytics to Support Academic Advising for At-Risk Undergraduates*. Talk presented for the LAK13 Open Online Course.
- Teasley, S. D.** (May, 2013). *Reflections on the Field of Learning Analytics*. Invited panel at the Learning Analytics and Knowledge Conference, Leuven, Belgium.
- Teasley, S. D.** (2011, November). *Leveraging Learning Analytics for Undergraduate Engineering Education*. Presentation for the Human Centered Design and Engineering department in the College of Engineering at the University of Washington, Seattle, WA.
- Teasley, S. D. & Fontichiaro, K.** (2011, May). *Amping Up Student Learning with Learning Management Systems*. Presentation for the Teachers Teaching Teachers with Technology (4T) Conference, Ann Arbor, MI.
- Teasley, S. D.** (2010, May). *Learning Management Systems in Higher Education: Efficiency or Innovation?* Presentation for the School of Information and Library Studies at the University College Dublin, Dublin, Ireland.
- Teasley, S. D.** (2009, November). *Efficiency or Innovation: Can Learning Management Systems Be Part of Classrooms in the Future?* Presentation for the Future Learning Spaces Workshop organized by the STELLAR Network of Excellence for the Alpine Rendez-Vous 2009, Garmisch, Germany.
- Dillenbourg, P., O'Malley, C., Roschelle, J., & **Teasley, S. D.** (2009, June). *From Maratea to Rhodes: 20 years of CSCL*. Plenary Panel at the 8th International Conference on Computer Supported Collaborative Learning, Rhodes, Greece. (Invited, could not attend)

- Teasley, S. D.** (2009, March). *Courseware in the Wild: Using LMS to Support Student Collaboration in Higher Education*. Presentation for the red-ink Doctoral School organized by the Ecole Polytechnique Fédérale de Lausanne, Schwarzee, Switzerland.
- Teasley, S. D.** (2009, March). *Using Learning Management Systems to Support University Students' Collaborative Learning*. Presentation for the Psychology Department at the Ludwig Maximilians Universität, Munich, Germany.
- Teasley, S. D.** (2009, March). *Using Learning Management Systems to Support University Students' Collaborative Learning*. Presentation at the Fraunhofer Institute for Applied Information Technology, Bonn, Germany.
- Hardin, J., Severence, C., & **Teasley, S.** (2005, December). *eScience*. Presentation at the Sakai Educational Partners Program Meeting, Austin, TX.
- Teasley, S.D.** (June, 2005). *Research Applications*. Presentation at the Sakai Educational Partners Program Meeting, Baltimore, MD.
- Teasley, S.D.** & Reeves, H. (December, 2004). *User Support Strategies*. Presentation at the Sakai Educational Partners Program Meeting, New Orleans, LA.
- Teasley, S. D.** (June, 2003). *Organizational Models of Team Science*. M. Lidstrom and G. Cassell (Chairs), Models of Team Science. Session at the annual symposium of the Bioengineering Consortium, entitled Catalyzing Team Science, NIH, Bethesda, Maryland.
- Teasley, S. D.** (April, 2002). *Radical Collocation at Ford Motor Company*. Presentation at the CoreNet Global Meeting, Southfield, MI.
- Teasley, S. D.** (February, 2001). *Yours, Mine and Ours: Sharing Data in Geographically Distributed Collaborations*. P. Hines & B. Jasny (Chairs), Staying Afloat in a Sea of Data. Symposium conducted at the annual meeting of the American Association for the Advancement of Science Annual Meeting and Science Innovation Exposition, San Francisco, CA.
- Olson, G., Finholt, T., Olson, J., & **Teasley, S.** (January, 2001). *Collaboratories: An emerging form for organizing research*. Interdisciplinary Committee on Organizational Studies (ICOS), Ann Arbor, MI.
- Teasley, S. D.** (June, 2000). *Contexts for Assessment*. Presentation at the National Learning Infrastructure Initiative: Focus Session on Transformative Assessment, Ann Arbor, MI.
- Teasley, S. D.** (October, 1999). *Enhancing Communication for AIDS Research: The Great Lakes Regional CFAR*. Presentation at the annual meeting of the CFAR Directors, San Francisco, CA.
- Finholt, T. A., & **Teasley, S. D.** (June, 1999). *How to Succeed at Doing Geographically Distributed Work*. Presentation at the DOW Executive Education Symposium for Information Technologists, Ann Arbor, MI.
- Teasley, S. D.**, Finholt, T. A., & Jain, N. (May, 1999). *AIDS Collaboratory Technology Demonstration*. Presentation at the University of Michigan conference on The Promise and the Perils of Tomorrow's Internet, Ann Arbor, MI.
- Finholt, T. A. & **Teasley, S. D.** (February, 1999). *Collaboratory Life: Psychological, Social and Technological Challenges*. Presentation for the Psychology Department Colloquium, Carleton College, Northfield, MN.

**Teasley, S. D.** (February, 1999) *Scientists Apart Working Together: The CFAR Collaboratory*.

Presentation at the annual Northwestern University Center for AIDS Research Symposium, Chicago, IL.

Snyder, M., Olson, G. M., **Teasley, S. D.**, Finholt, T. A., & Jain, N. (July, 1998). *Tools for Collaborative Research*. Presentation at the annual meeting of the Japan/US Cooperative Medical Science Program, Tokyo, Japan.

**Teasley, S. D.** & Snyder, M. (June, 1998). *Technology for Collaborative AIDS Vaccine Trials*.

Presentation for the Center for AIDS Research Meeting at the University of Alabama at Birmingham, Birmingham, AL.

### **Invited Workshops**

- 09/16 Innovating Pedagogy, Lyon, France.
- 06/16 Asilomar II: Student Data and Records in the Digital Era. Asilomar Conference Grounds, Pacific Grove, CA. See [http:// sites.stanford.edu/asilomar/](http://sites.stanford.edu/asilomar/)
- 05/15 Student Privacy Initiative Working Meeting: Emerging & Future Privacy Issues in K-12 Learning Environments. Harvard, Cambridge, MA.
- 12/14 Symposium on Student Privacy in Higher Education, Washington DC.
- 06/14 Asilomar Conference on Online Learning Data. Asilomar Conference Grounds, Pacific Grove, CA. See <http://asilomar-highered.info/>
- 12/13 MOOC Workshop: Defining and Advancing Change. University of Texas at Arlington, Arlington, TX.
- 07/13 Learning Analytics Summer Institute. Stanford University, Palo Alto, CA.
- 04/12 NSF Workshop on Emerging Results, Critical Research Directions, and Grand Challenges for Understanding Virtual Organizations as Socio-Technical Systems (VOSS), Newport Beach, CA.
- 02/12 Enhancing iSchools' Doctoral Education: What's Next? Workshop at the iSchool Conference 2012, Toronto, Canada.
- 09/11 U.S. Department of Education Working Group on Educational Data Mining, SRI, Menlo Park, CA. For final report see <http://www.ed.gov/edblogs/technology/research/>
- 11/09 Workshop on the Future Learning Spaces at the STELLAR Alpine Rendez-Vous 2009, Garmisch, Germany.
- 05/09 NSF Workshop on the Future of iSchool Doctoral Education. College Park, Maryland.
- 03/09 Red-Ink Doctoral School Workshop on Computer Supported Collaborative Learning, Schwarzee, Switzerland.
- 03/08 Open Learning Interplay Symposium, Hewlett Foundation and Carnegie Mellon University, Pittsburgh, PA.
- 09/06 Carnegie Foundation Workshop on eLearning. Palo Alto, CA.
- 12/05 NSF Cyberlearning Workshop on Cognitive Implications of Virtual or Web-Enabled Environments. Washington, D.C.
- 11/05 National Academies Forum on IT and Research Universities. Ann Arbor, MI.
- 10/00 NIH NCRR Workshop on Biomedical Collaboratories. Pittsburgh, PA.



- 06/98 NSF Workshop on New Technologies for the Study of Teaching. Ann Arbor, MI.  
2/97 & 98 Human Computer Interaction Consortium. Winter Park, CO.  
11/96 National Institute of Science Education Symposium on Interdisciplinary Teamwork. Madison, WI.  
11/93 NATO Advanced Workshop on Discourse, Tools, and Reasoning: Situated Cognition and Technologically Supported Environments. Lucca, Italy.  
8/93 Summer Institute on Aging, National Institute on Aging and Brookdale Foundation. Virginia.  
9/90 Early Career Workshop, Social Science Research Council and National Science Foundation. Washington, DC.  
9/89 NATO Advanced Workshop on Computer Supported Collaborative Learning. Maratea, Italy.

### **Press**

*When a Nudge Feels Like a Shove* by Jeffrey R. Young, March 8, 2018.

[www.edsurge.com/news/2018-03-08-when-student-success-efforts-backfire](http://www.edsurge.com/news/2018-03-08-when-student-success-efforts-backfire)

*Micro-Credentials and College Admissions: Enhancing Access and Supporting Learning* by James DeVaney. May 24, 2017.

<https://www.insidehighered.com/blogs/technology-and-learning/micro-credentials-and-college-admissions-enhancing-access-and>

*Direct to Student Data* by Carl Straumsheim. February 2, 2017.

<https://www.insidehighered.com/news/2017/02/02/study-explores-effect-data-dashboards-student-performance>

*How can Learning Analytics Improve the Educational Experience?* by James DeVaney. August 31, 2016.

<https://www.edsurge.com/news/2016-08-31-how-can-learning-analytics-improve-the-student-experience>

### **University of Michigan Service (since 2006)**

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ITS Teaching & Learning Advisory Group, 2018-present

MIDAS Executive Committee, 2016-present

Digital Initiatives Advisory Group, 2014-2017

Michael D. Cohen Service Award, School of Information, 2014

Information Technology Council, 2013-2017

Provost's Online-Education Policy & Strategy Committee, 2013-2014

Learning Analytics Task Force, 2012- 2016

Provost's Coursera Advisory Group, 2012-2013

Teaching and Learning Advisory Committee, 2010-2011

Security Oversight Committee, 2006-2011

SACUA Continuous Enrollment Task Force, 2010-2011

Unit IT Steering Committee (prepared a special report), 2010-2011

CTools Priorities and Direction Committee, 2008-2010

Privacy Committee, 2008-2010

CTools Advisory Board, 2006-2008

CTools Faculty Advisory Board, 2006-2008  
ePortfolio Advisory Committee, 2006-2007

## **Professional Service**

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### **Elected Service**

Society for Learning Analytics Research (SoLAR)

President, 2016 - present

Executive Committee, 2012-2016

International Alliance to Advance Learning in the Digital Era (IAALDE)

Chair, 2018- present

Board Member, 2017-2018

### **Advisory Boards**

FLECKS: Fostering Collaborative Computer Science Learning with Intelligent Virtual Companions for Upper Elementary Students. PI: Kristy Boyer, University of Florida, 2017-2020. NSF grant DRK-12.

Scientific Advisory Committee for the Centre for Research on Learning and Innovation (CRLI), University of Sydney. 2016-2020.

Improving collaborative learning in engineering classes through integrated tools for instructors and students. PI: Emma Mercier, University of Illinois- Champagne Urbana, 2016-2020. NSF Cyberlearning DIP-1628976.

Mission HydroSci: A Virtual Environment for Next Generation Science Learning. PI: Troy Sadler, University of Missouri, 2015-2018. IES grant R305A150364.

The Center for Innovative Research in Cyberlearning (CIRCL). PI: Jeremy Roschelle, SRI International, 2013-2018. NSF grant IIS-1233722.

Developing Community & Capacity to Measure Noncognitive Factors in Digital Learning Environments. PI: Andrew Krumm, SRI International, 2013-2018. NSF grant BCC-SBE/EHR-1338487

### **Planning Committees**

Cyber-Social Learning Systems: Visioning Workshop Series. Computing Community Consortium (CCC), 2016-2017.

### **Grant Reviews**

National Science Foundation – CISE, EHR, REESE, Cyberlearning

National Institutes of Health – NIAID

### **Site Reviews**

National Science Foundation – STC Program

### **Journal Reviews**

*American Behavioral Scientist*

*Applied Cognitive Psychology*  
*British Journal of Developmental Psychology*  
*British Journal of Educational Technology*  
*Cognition and Instruction*  
*Cognitive Science*  
*Computers in Human Behavior*  
*The Computer Supported Cooperative Work Journal*  
*Drug Discovery Today*  
*Educational Sciences*  
*Evaluation and Program Planning*  
*Human Computer Interaction*  
*IBM Systems Journal*  
*Information and Learning Sciences* (Editorial Advisory Board)  
*Journal of Computer Mediated Communication*  
*Journal of Learning Analytics*  
*Journal of the Learning Sciences*  
*Learning and Instruction (EARLI)*  
*Small Group Research*  
*Swiss Journal of Psychology*  
*Technology, Knowledge and Learning*  
*Transactions on Computer Human Interaction*

### **Books & Chapter Reviewing**

Means, B., Krumm, A., & Bienkowski, M. (2018). *Learning Analytics for Educational Improvement*. NY, NY: Routledge.

Singer, J. A. & El Emam, K. (Eds.). (2000). *Empirical Studies in Software Engineering: Advanced Topics in Field Research*. Boston, MA: MIT Press.

Baltes, P. B. & Staudinger, U. M. (Eds.). (1996). *Interactive Minds*. Cambridge, England: Cambridge University Press.

### **Conference Reviewing and Program Committees**

American Education Research Association (AERA)  
Cognitive Science  
Computer Supported Cooperative Learning (CSCL)  
Program Committee, 2013, 2015  
Computer Supported Cooperative Work (CSCW)  
Program Committee, 2012  
Conference on Empirical Methods in Natural Language Processing (EMNLP)  
Program Committee, 2014

Conference on Human Factors in Computing Systems (CHI)  
CHI Best Paper Award Committee, 2007

Cyberlearning Summit  
Program Committee, 2016  
Program Co-Chair, 2017

Empirical Methods in Natural Language Processing (ENLP)  
Program Committee, 2014

European Conference on Computer Supported Cooperative Work (eCSCW)  
Program Committee, 2011

Group (ACM SIGGROUP)  
Conference Co-Chair, 2009  
Locations Chair, 2010, 2012, 2013, 2014  
Program Committee, 2010, 2012, 2013, 2014, 2016  
Best Paper Committee, 2012

IFIP TC13 Conference on Human-Computer Interaction (INTERACT)

International Conference of the Learning Sciences (ICLS)

Knowledge Management in Action (KMIA)  
Program Committee, 2008

Learning Analytics and Knowledge (LAK)  
Program Co-Chair, 2014  
Doctoral Consortium Co-Chair, 2014, 2015, 2016  
Program Committee, 2013, 2015, 2016, 2017, 2018

Learning Analytics Summer Institute (LASI)  
Program Committee, 2013, 2018  
Program Co-Chair, 2016, 2017

RED-Conference: Rethinking Education in the Knowledge Society, 2011

### **Professional Memberships**

Association for Computing Machinery (ACM)  
American Education Research Association (AERA)  
International Society of the Learning Sciences (ICLS)  
Society for Learning Analytics Research (SoLAR)

### **Consulting**

NYU Oral Cancer Research for Adolescent & Adult Health Promotion (RAAHP) Center  
Froehlich High Technology, Inc., Columbia, Maryland  
Steelcase Corporation, Grand Rapids, Michigan  
Ford Motor Company, Dearborn, Michigan  
School of Public Health, University of Michigan, Ann Arbor, Michigan

Children's Television Workshop, Learning Research and Development Center, Pittsburgh, PA.

## **Grants**

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### **Active**

- Teasley, S. D. & Mihalcea, R. F.** Synthesis and design workshop: Research Priorities in Learning Analytics. National Science Foundation, 1-Year Project, Total Award: \$100,000. The goal of this project is to conduct a workshop that brings together individuals with key expertise in the wide range of disciplines to propose research priorities in learning analytics for the coming decade.
- Kabo, F., Teasley, S. D., Alexander, L., Bradley, D., Skibb, B., & York, M.** The Impact of the Academic Library on Learning in the University. Institute of Museum and Library Services (IMLS), 3-Year Project, Total Award: \$494,164. The goal of this grant is to study how university libraries impact learning in two types of communities – the local campus community, and other university libraries by demonstrating how to empirically assess and predict their own impact on learning outcomes.
- Fishman, B., & Teasley, S. D.** Micro-Credentials as Evidence of Preparation for Future Learning: An Ideation and Design Workshop. National Science Foundation, 1-Year Project, Total Award: \$99,500. The goal of this grant is to convene a workshop focused on digital micro-credentials and the role they might play in the high-stakes process of college admission.
- Teasley, S. D., Brooks, C., Collins-Thompson, K., Evrard, A., McKay, T., Samson, P., & Gere, A.** Holistic Modeling of Education (HOME). Michigan Institute for Data Science, University of Michigan, 3-Year Project, Total Award: \$1,205,700. The major goal of this grant is to use data drawn from the university's learning technologies and related information available in the student data warehouse to improve teaching and learning processes in higher education.
- Brooks, C., Teasley, S. D., & Siemens, G.** BCC: Community and Capacity for Educational Discourse Research. National Science Foundation, 2-Year Project, Total Award: \$253,429. The goal of this study is to conduct two targeted workshops designed to engage educational discourse researchers across a range of disciplines, including learning scientists, computer scientists, and others.

### **Completed Projects**

- Brooks, C. and Teasley, S. D.** Predicting the Academic Success of Students (PASS). Teaching & Learning in the Twenty-First Century Grant, University of Michigan, 16-Month Project, Total Award: \$49,990. The major goal of this grant is to improve students' self-regulated learning skills by using predictive learning analytics to encourage students to reflect on their own behavior.
- Teasley, S. D.** Digital Learning Analytics (dLRN). Gates Foundation, sub-contract through the University of Texas at Arlington, 2-Year Project, Total Award: \$100,000. The major goal of this network was to create and support research partnerships across R1 research institutions to help address the needs and challenges of state systems with large populations of at-risk students.

- Teasley, S. D. & Chen, B.** Cyberlearning: Doctoral Consortium for the 2016 Learning Analytics and Knowledge Conference. National Science Foundation, 1-Year Project, Total Award: \$18,280. The goal of this grant was to support the convening of the doctoral consortium for the Learning Analytics annual conference.
- Teasley, S.D.** Evaluating Student Dashboards. Blackboard. 16- Month Project, Total Award: \$18,000. The major goal of this grant was to evaluate how students in higher education understand performance feedback generated by Learning Management Systems.
- Teasley, S. D.** Cyberlearning: Doctoral Consortium for the 2015 Learning Analytics and Knowledge Conference. National Science Foundation, 1-Year Project, Total Award: \$18,280. The goal of this grant was to support the convening of the doctoral consortium for the Learning Analytics annual conference.
- Teasley, S. D.** Advancing Synergies for Cyberlearning Funding: A Follow-Up to the Cyberlearning Funders' Summit. MacArthur Foundation, 2-Year Project, Total Award: \$275,000. The goal of this grant was to develop a framework for cyberlearning research and use that framework to identify productive synergies between non-profit funding initiatives.
- Fishman, B. J., Teasley, S. D., LaVaque-Manty, M.** Playful Analytics: Infusing a Learning Management System with Analytics that Motivate Learning and Support Teaching. Exploring Learning Analytics Grant, University of Michigan, 2-Year Project, Total Award: \$174,000. The goal of this grant was to support the development and implementation of design of a tool called GradeCraft that employs learning analytics data to improve student learning by employing game-inspired pedagogy.
- Dillahunt, T., & Teasley, S. D.** Understanding Massively Open Online Courses (MOOCs) as a Pathway to Employment for Low-Income Populations. Bill and Melinda Gates Foundation, 1-Year Project, Total Award: \$20,000. The goal of this grant was to investigate if MOOCs can help economically disadvantaged populations build the skills necessary to find employment and to achieve upward mobility.
- Brooks, C., Teasley, S. D., & Lonn, S.** Understanding the Relationship MOOC Students Have with Traditional Institutions of Higher Education. Bill and Melinda Gates Foundation, 1-Year Project, Total Award: \$15,000. The goal of this grant was to understand how MOOCs influence the experience of traditional university students.
- Karabenick, S., Fishman, B., & Teasley, S. D.** An Examination of Curricular and Extra-Curricular Social Networks and their Relationship to Student Engagement and Learning. M-Cubed Program, University of Michigan, 1-Year Project, Total Award: \$60,000. The goal of this project was to understand how students use their social networks over the first year of college and to reveal what types of networks lead to student engagement and learning.
- Teasley, S. D.,** CreativeIT: Creativity in the Wild: Implications of Audience Models in User-Generated Content systems. National Science Foundation, 2-Year Project, Total Award: \$274,008. The major goal of this study was to understand how amateurs and professionals participate in user-generated content systems to design more effective systems to support creative activities and to provide richer models of IT-enabled creativity.

- Teasley, S. (sub-award) on Clauw, D. (PD). University of Michigan- Clinical and Translational Science Award. National Institutes of Health, 5-Year project, Total Award: \$55,000,000.
- Teasley, S. D., & Johnston, E. VOSS: Joining a Virtual Organization: A Multi-Method Study of Newcomers to Established Collaborations. National Science Foundation, 2-Year Project, Total Award: \$193,917. The major goal was to study the onboarding and socialization processes newcomers face when joining existing virtual research organizations.
- Finholt, T. A., Teasley, S. D., & Olson, G.M. CI-TEAM Implementation Project: Using cyberinfrastructure to develop next generation civil infrastructure. National Science Foundation, 3-Year Project, Total Award: \$780,843. The major goal was to create and support a collaboratory for the emerging global research community designing and testing engineered cementitious composites (ECC).
- Teasley, S. D., & Finholt, T. A. Nanoemulsions as Adjuvants for Nasal-Spray Vaccines (Communications Core). Global Challenges in Global Health Initiatives (NIH Foundation). 5-Year Project, Total Award: \$408,298. The major goal of this grant was to provide a collaboratory supporting the functioning of this geographically distributed research project.
- Sampson, P. J., van der Pluijm, B., & Teasley, S. D. Evaluating Use of Wireless Pockets in Geoscience Survey Course. National Science Foundation, 1-Year Project, Total Award: \$19,578. The goal of this project was to provide assistance with an assessment of the impact of the Pockets use on student learning.
- Sampson, P. J., van der Pluijm, B., & Teasley, S. D. Using wireless technologies in survey courses to expand student discourse. LSA Educational Improvements Program, 1.5-Year Project, Total Award: \$80,000. The goal of this project was to provide assistance with an assessment of the impact of wireless technology use in the lecture classroom on student learning.
- Teasley, S. D. Regional Center for Excellence in Bioterrorism and Emerging Infectious Disease (GLRCE): Communication Core. National Institutes of Health (subcontracted through the University of Chicago, PI: O. Schneewind). 3-Year Project, 9/1/03 – 2/28/06, Total Award Requested: \$637,505. The major goal of this project was to provide a collaboratory supporting the functioning of this geographically distributed research center.
- Olson, G. M., Atkins, D. E., Finholt, T. A., Olson, J. A., & Teasley, S. D. ITR/SOC+IM: Sustainable and Generalizable Technologies to Support Collaboration in Science. National Science Foundation, 5-Year project, 9/1/00-8/31/05, Total Award: \$2,400,000. This project had three major goals: (a) study of collaboratory design and usage, (b) creation and maintenance of a collaboratory knowledge base, and (c) developing principles, heuristics, and frameworks for successful collaboratories.
- Teasley, S. D., Finholt, T. A., & Olson, G. M. Center for AIDS Research (CFAR) Computer Core: Collaboration Technology. National Institutes of Health (subcontracted through Northwestern University, PI: S. Wolinsky), 4-Year project, 9/1/98-12/31/03, Total Award: \$814,088. The major goal of this project was to design and implement a collaboratory allowing AIDS researchers at four Midwestern universities to interact as a virtual center.

- Olson, G. M., Teasley, S. D., & Cogburn, D. The Waterford Project. John D. Evans Foundation, 1/01/01-12/31/02, Total Award: \$182,950. This project created video conferencing capability at the key sites of the Waterford Project (AIDS research).
- Olson, J. S., Teasley, S. D., & Finholt, T. A. Organizational effectiveness: The value of collaboration tools for complex group work. Steelcase, Inc., 2-year project, 3/1/98-3/1/00, Total Award: \$173,983. The major goal of this project was to investigate how various display devices can support effective collaboration and learning.
- Teasley, S. D., Olson, J. S. Using virtual collocation to improve effectiveness and reduce the cost of distributed program teams. Ford Motor Company (URP program), 3-year project, 2/20/97-2/20/00, Total Award: \$150,000. The major goal of this project was to identify effective work processes and groupware support for distributed design teams.
- Teasley, S. D., Olson, J. S., Covi, L. Ford Accelerated Solutions Center evaluation. Ford Motor Company, 2/15/98-8/31/98. Total Award: \$94,903. The goal of this project was to evaluate the pilot program for Ford's accelerated development center.
- Teasley, S. D., Finholt, T. A., & Olson, G. M. ICARE Net demonstration at the Annual Meeting of the U.S.-Japan AIDS Panel. John D. Evans Foundation, 2/15/98-8/31/98, Total Award: \$34,500. The goal of this project was to extend the vision of an AIDS collaboratory into the worldwide community of AIDS researchers.
- Olson, J. S., Teasley, S. D., & Covi, L. JAVA Factory training evaluation. SUN Corporation, 3/15/97-3/14/98, \$99,000. The major goal of this project was to evaluate the process and methodology of SUN's JAVA training program.
- Olson, J. S., Teasley, S. D. How to analyze group work situations to determine the kinds of technology that will help: A special study of the design and evaluation of Team Room. International Business Machines Corporation, 8/12/96-6/15/97, \$100,000. The major goal of this project was to analyze the work process and groupware support for distributed finance teams.
- Olson, G. M., Teasley, S. D., & Finholt, T. A. A proposal for an ICARE (International Cancer & AIDS Research and Education) Net demonstration project at the University of Michigan. John D. Evans Foundation, 9/26/96-12/31/97, \$107,130. The major goal of this project was to provide and evaluate groupware tools for Primary Investigators conducting a clinical trial comparing AIDS treatments.
- Olson, J. S., Olson, G. M., Teasley, S.D. Organizational effectiveness: The value of dedicated group space. Steelcase, Inc., 10/1/96-9/30/97, \$66,830. The goal of this project was to conduct both field research and empirical research evaluating the effectiveness of dedicated space for project teams.

## **Student Supervision**

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### **Thesis Advisor, School of Information**

Libby Hemphill, 2009. Dissertation title: *Building Bridges: A Study of Coordination in Projects*. Current Position: Associate Professor, University of Michigan



- Emilee Rader, 2009. Dissertation title: *Just Email it to Me! Why Things Get Lost in Shared File Repositories*. Current Position: Associate Professor, Michigan State University
- Eric Cook, 2011. Dissertation title: *Biography, Well-Being and Personal Media: A Qualitative Study of Everyday Digital Photography*. Current Position: Digital Anthropologist: Menlo Innovations, Ann Arbor, MI
- Jude Yew, 2011. Dissertation title: *Social Performance: A Socio-Technical Framework for Understanding Collective Prosocial Behavior in Online Communities*. Current Position: Assistant Professor, National University of Singapore
- Pablo Quinones, 2013. Dissertation title: *Design, Appropriation, and Unanticipated Users: A Series of Studies to Address the Design, Implementation, and Use of Collaboration Technologies in Workplace Settings*. Current Position: Chase Bank, New York City.
- Theodore Hanss, 2017 (ABD). Medical School Chief Information Officer, University of Michigan.
- Caitlin Holman, 2018 (co-advised with Barry Fishman)
- Carl Haynes, in progress

### **Thesis Committees**

- Ryoko Yamaguchi, 2001 (School of Education)
- Stein Brunvand, 2005 (School of Education)
- Ann Marie Stanley, 2008 (School of Music)
- Mirweis Sangin, 2009 (Ecole Polytechnique Fédérale de Lausanne, Switzerland)
- Beth Crane, 2009 (School of Kinesiology)
- Steven Lonn, 2009 (School of Education)
- Magia Krause, 2009 (School of Information)
- Amy Bracevich, 2010 (School of Education)
- Jina Huh, 2011 (School of Information)
- Andrew Krumm, 2012 (School of Education)
- Kara Makara, 2013 (School of Education)
- Florencia Gomez Zaccarelli, 2015 (School of Education)
- Scott Harrison, 2016 (University of New England, New South Wales, Australia)
- Stephen Aguilar, 2016 (Combined Program in Psychology & Education)
- Andrew Gibson, 2017 (Queensland University of Technology, Australia)
- Molly Kleinman, 2018 (School of Education)

### **Post Doctoral Fellows (first position after post doc)**

- Libby Hemphill, 2009-2010 (Assistant Professor: Illinois Institute of Technology)
- Steven Lonn, 2009-2011 (Senior Research Lead: University of Michigan)
- Eric Cook, 2011- 2012 (Digital Anthropologist: Menlo Innovations)
- Kara Makara, 2013-2014 (Assistant Professor: University of Scotland, Glasgow)
- Christopher Brooks, 2013-2015 (Assistant Research Professor: University of Michigan)

