

REED STEVENS

School of Education & Social Policy
Learning Sciences
Evanston, IL
reed-stevens@northwestern.edu

WORK HISTORY

2009-present	Professor, Learning Sciences, School of Education and Social Policy, Northwestern University
2005-2009	Associate Professor, Learning Sciences Program (Co-Creator and co-Director), College of Education, University of Washington, Seattle
1998-2005	Assistant Professor, Educational Psychology, College of Education, University of Washington, Seattle
1992-1997	Research Assistant at University of California, Berkeley, with Rogers Hall, Alan Schoenfeld, and Andy diSessa
1992-1995	Research Intern and Assistant, Institute for Research on Learning, Palo Alto, CA
1990-1991	Mathematics Instructor (Precalculus, Calculus), Arizona State University, Tempe, AZ
1990	Director and Lead Instructor, Dysart High School After-school program for At-Risk Youth, Dysart, AZ
1989-1990	Teacher and Curriculum Director, The Larson Institute for Adult Education, Phoenix, AZ
1987-1988	Mathematics Teacher (Algebra, Geometry, Precalculus), Phillips Academy, Andover, MA
1985-1987	Student Aide, Mary B. Eyre Children's School, Claremont, CA

EDUCATION

University of California/Berkeley Ph.D. Cognition & Development	1999
University of California/Berkeley M.A. Education in Mathematics, Science & Technology	1994
Pomona College B.A. Mathematics	1987

GRANTS

- \$1,199,404. FUSE: A new model of industry participation in STEM education. (Co-PI, with Kemi Jona). NSF. Awarded. (2014-2017).
- \$385,000. FUSE: Creating a Space for Interest-Driven STEM Exploration by High School Youth. Macarthur Foundation. (Co-PI, with Kemi Jona). Awarded. (2014).
- \$1,499,494. FUSE Studios: An Alternative Infrastructure for STEM Learning and Interest Development. NSF. Awarded. (PI). 2013-2016
- \$1,497,365. Learning Ethnographies of New Engineers: A New Approach to the School-Work Transition. (PI). NSF. Awarded. 2013-2016.
- \$350,000. FUSE: Creating a Space for Interest-Driven STEM Exploration by High School Youth. Macarthur Foundation. (Co-PI, with Kemi Jona). Awarded. (2013).
- \$49,999. Collaborative Research: Building a Network to Advance Collaborative Research on Young Children's Learning through Public Media Assets. (PI). NSF. Awarded. (2013).
- \$539,799. Augmenting Household Technologies for Learning and Whole Family Participation: Heating and Cooling Control as an Exploratory Case. NSF. 2011-2014. (Co-PI, with Mike Horn).
- \$125,232. YouSTEM: Creating a Space for Interest-Driven STEM Exploration by High School Youth. Macarthur Foundation. 2011-2012. (Co-PI, with Kemi Jona).
- \$15,000. Workshop for "The New Co-Viewing: Promoting children's learning through joint media engagement. Macarthur Foundation. 2010. (Co-PI).
- \$18,000,000. "Learning in Informal and Formal Environments: NSF Science of Learning Center Renewal (LIFE). National Science Foundation. (Co-Lead). 2009-2014.
- \$559,561. "New Directions: Research, Service and Training in Visitor Studies." Institute of Museum and Library Services. (Co-PI). Awarded, 2009.
- \$1,000,000. Supplement to Center for the Advancement of Engineering Education Center grant. National Science Foundation. (Co-PI). 2006-2007.
- \$1,000,000. Supplement to Center for the Advancement of Engineering Education Center grant. National Science Foundation. (Co-PI). 2005-2006.
- \$25,000,000. "Learning in Informal and Formal Environments: NSF Science of Learning Center (LIFE). National Science Foundation. (Co-Lead). 2004-2009.

- \$1,000,000. “Ackerley Project for Teacher Development”. Barry and Ginger Ackerley Foundation (Co-PI). 2004-2007.
- \$75,000. Role of multiple contexts in TEP students’ development of teaching identity, interest and commitment to learning to teach. Teachers for a New Era, UW. (Co-PI). 2004-2005.
- \$10,000,000. Center for the Advancement for the Engineering Education. NSF Center for Learning and Teaching Grant. National Science Foundation. (Co-PI). 2003-2008.
- \$967,300. A Comparative Psychology of School Subjects: Promoting Epistemological Sophistication in Elementary Science through the Study of History. National Science Foundation. (Co-PI). 2000-2004.
- \$1,500,000. Partnerships for Research In Math and Science Education (PRIME): Graduate Teaching Fellows in K-12, National Science Foundation. (Co-PI). 1999-2003.
- \$1,274,000 per biennium. Program for Educational Transformation Through Technology. University Initiatives Fund Grant, University of Washington. (Co-PI). 1999-2004.
- \$15,895. In support of The International Conference for the Learning Sciences. Gates Foundation. (PI). 2002.
- \$10,000. Media Rich Annotations for Learning, NSF Center for Innovative Learning Technology seed grant. National Science Foundation. (PI). 2001.

AWARDS & HONORS

Jan Hawkins Award for Early Career Contributions to
 Humanistic Research on Learning & Technology, 2003 (AERA)
 CILT/NSF Young Scholar Award, 1999
 Spencer Dissertation Fellowship, 1997
 NSF Travel Grant, Science and Technology Studies Program, 1996
 NSF Spatial Cognition Traineeship, 1994
 University of California Regents Fellowship, 1992,1993
 Non-resident Tuition Scholarship, UCB, 1991
 Phillips Academy Teaching Fellowship, 1987

PUBLICATIONS

Journal Articles

- Taylor, K., Stevens, R. & Takeuchi, L. (under review). Mapping the daily media round: Methodological innovations for understanding families' mobile technology use.
- Horn, M.S., Leong, Z.A., Greenberg, M.D., & Stevens, R. (under review). Kids and Thermostats: Understanding Children's Interaction with Household Energy Infrastructures.

- Stevens, R. (2012). The Missing bodies of mathematical thinking and learning have been found. *Journal of the Learning Sciences*, 21(2), 337-346.
- Bier, M., Horn, I., Campbell, S., Kazemi, E., Hintz, A., Kelley-Petersen, M., Stevens, R., Saxena, A., & Peck, C. (2012). Designs for Simultaneous Renewal in University-Public School Partnerships: Hitting the “Sweet Spots”, *Teacher Education Quarterly*, 39(3), 127-141.
- O’Mahony, T. K., Vye, N. J., Bransford, J. D., Stevens, R., Sanders, E., Stephens, & Soleiman, M. K. (2012). A comparison of lecture-based and challenge-based learning in a workplace setting: Course designs, patterns of interactivity, and learning outcomes. *Journal of Learning Sciences*, 21: 182-206.
- Stevens, R. (2011). “Toward a Socio-Technical Engineering Education”, as part of “Multiple Perspectives on Engaging Future Engineers”. *Journal of Engineering Education: Centennial Special Issue*. 100 (1): 48-88.
- Stevens, R. (2010). Learning as a members’ phenomenon: Toward an ethnographically adequate science of learning. *NSSE 2010 Yearbook: A Human Sciences Approach to Research on Learning*. 109(1). 82-97.
- Stevens, R., O’Connor, K., Garrison, L., Jocuns, A. & Amos, D. (2008). Becoming an Engineer: Toward a three-dimensional view of engineering learning. *Journal of Engineering Education*, 97(3), 355-368.
- Stevens, R., Wineburg, S., Herrenkohl, L., & Bell, P. (2005). The Comparative understanding of school subjects: Past, present and future. *Review of Educational Research*, 75(2), 125-157.
- Postner, L. & Stevens, R. (2005). What resources do CS 1 students use and how do they use them? *Computer Science Education*, 15(3), 165-182.
- Stevens, R. & Toro-Martell, S. (2003). Leaving a trace: Supporting museum visitor interpretation and interaction with digital media annotation systems. *Journal of Museum Education*, 28(2), 25-31.
- Hall, R. Stevens, R. & Torralba, A. (2003). Disrupting representational infrastructure in conversations across disciplines. *Mind, Culture, & Activity*, 9(3), 179-210.
- Cherry, G., Fournier, J. & Stevens, R. (2003). Using a digital video annotation tool to teach dance composition. *Interactive Multimedia Journal of Computer-Enhanced Learning*, 5(1).
- Chambers, E. & Stevens, R. (2003) Stuck in Nacirema: How students think through ethnographic film. *General Anthropology*. Spring.
- Stevens, R. (2000). Divisions of labor in school and in the workplace: Comparing computer and paper-supported activities across settings. *Journal of the Learning Sciences*, 9(4), 373-401.
- Stevens, R. & Hall, R. (1997). Seeing Tornado: How *Video Traces* mediate visitor understandings of (natural?) spectacles in a science museum, *Science Education*, 18(6), 735-748.

Book Chapters

- Hall, R. & Stevens, R. (in press). Interaction Analysis. Knowledge and Interaction: A Synthetic Agenda for the Learning Sciences. diSessa, A., Levin, M., & Brown, N.
- Stevens, R. (in press). Commentary on “Seeing” as Complex, Coordinated Performance: A Coordination Class Theory Lens on Disciplined Perception. Knowledge and Interaction: A Synthetic Agenda for the Learning Sciences. diSessa, A., Levin, M., & Brown, N.
- Stevens, R. (in preparation). The social lives of children: What a micro-ethnographic focus on children’s interests and concerns can tell us about early STEM learning. *New perspectives on STEM learning and development*. Lehrer, R. & Schauble, L. (Eds).
- Stevens, R., Johri, A., O’Connor, K. (2014). Professional Engineering Work. Johri, A., & Olds, B., (Eds). *Cambridge Handbook of Engineering Education Research*.
- Enyedy, N. & Stevens, R. (2014). Collaboration and learning. *Cambridge Handbook of the Learning Sciences*. 2nd Edition. Cambridge University Press: Cambridge.
- Stevens, R. (2012). What counts as math and science? Bevan, B., Stevens, R., & Bell, P. (Eds). *Learning in Out of School Time: LOST learning opportunities*. Springer. New York.
- Stevens, R. (2012). What counts too much, and too little, as math. Bevan, B., Stevens, R., & Bell, P. (Eds). *Learning in Out of School Time: LOST learning opportunities*. Springer. New York.
- Bevan, B., Stevens, R. & Bell, P. (2012). Introduction: Learning about Out-of-School (LOST) Learning Opportunities. Bevan, B., Stevens, R., & Bell, P. (Eds). *Learning in Out of School Time: LOST learning opportunities*. Springer. New York.
- Mehus, S., Stevens, R. & Grigholm, L. (2012). Doing science with others at preschool and at home: A Comparison of contextually situated interactional configurations and their implications for learning. Bevan, B., Stevens, R., & Bell, P. (Eds). *Learning in Out of School Time: LOST learning opportunities*. Springer. New York.
- Stevens, R., Satwicz, T., & McCarthy, L. (2008). In game, In room, In world: Reconnecting video game play to the rest of kids’ lives. *The Ecology of Games*. Salen, K. (Ed.), Cambridge: MIT Press.
- Stevens, R. (2007). Capturing ideas in digital things: The Traces digital annotation medium. *Video Research in the Learning Sciences*. Goldman, R., Barron, B., Pea, R., & (Eds.). Cambridge: Cambridge University Press.
- Satwicz, T., & Stevens, R. (2008). People, technology, and learning: A distributed perspective on collaborative activity. In J. M. Spector, M. D. Merrill, J. J. G. v. Merriënboer & M. P. Driscoll (Eds.), *Handbook of research on educational communications and technology*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Bransford, J., Stevens, R., Vye, N., Kuhl, P., Schwartz, D., Bell, P., Meltzoff, A., Barron, B., Pea, R., Reeves, B., Roschelle, R. & Sabelli, N. (2006). Learning Theories and Education: Toward a Decade of Synergy. P. Alexander & P. Winne (Eds.), *Handbook of Educational Psychology* (Second Edition). Mahwah, NJ: Erlbaum.
- Bransford, J.D., Barron, B., Pea, R., Meltzoff, A., Kuhl, P. Bell, P., Stevens, R., Schwartz, D., Vye, N., Reeves, B., Roschelle, J. & Sabelli, N. (2006). *Foundations*

- and opportunities for an interdisciplinary science of learning.* In K. Sawyer (Ed) *The Cambridge Handbook of the Learning Sciences.*
- Hall, R., Stevens, R., & Torralba, T. (in press). Disrupting representational infrastructure in conversations across disciplines. *Problems and Promises of Interdisciplinary Collaboration: A Cognitive Science Perspective.* Derry, S. & Schunn, C. (Eds.). Lawrence Erlbaum & Associates, Mahwah, NJ.
- Stevens, R. (2002). Using the division of labor concept to compare computer-supported collaborative work and learning across settings. *Computer Supported Collaborative Learning II: Continuing the conversation.* T. Koschmann, Miyake, N. & Hall, R. (Eds.). Lawrence Erlbaum & Associates, Mahwah, NJ.
- Stevens, R. (2002). Keeping it complex in an era of big education. *Computer Supported Collaborative Learning II: Continuing the conversation.* T. Koschmann, Miyake, N. & Hall, R. (Eds.). Lawrence Erlbaum & Associates, Mahwah, NJ.
- Stevens, R. (2000). Who counts what as math: Emergent and assigned mathematical problems in a project-based classroom. *Multiple perspectives on Mathematics Teaching and Learning.* J. Boaler (Ed.), Elsevier: New York.
- Stevens, R. & Hall, R. (1998). Disciplined perception: Learning to see in technoscience, *Talking mathematics in school: Studies of teaching and learning*, pp. 107-149. M. Lampert & M. L. Blunk, (Eds.), Cambridge University Press: Cambridge.
- Hall, R. & Stevens, R. (1995). Making space: A Comparison of mathematical work at school and in professional design practice, *Cultures of Computing*, Susan Leigh Star (Ed.) London: Basil Blackwell.

Peer Reviewed Conference Proceedings

- Jona, K., Penney, L., & Stevens, R. (accepted). 'Re-mediating' Learning. Full paper. Proceedings of the 11th Annual Conference on Computer Supported Collaborative Learning (CSCL), Gothenburg, Sweden.
- Horn, M.S., Banerjee, A., D'Angelo, S., Kuo, P-Y, Pollock, D.H., Stevens, R. (2014). Turn Up the Heat! Board games, environmental sustainability, and cultural forms. *Proceedings of the Games, Learning, and Society Conference (GLS 2014).* **2nd Place Conference Showcase Award.**
- Stevens, R., Mehus, S., Davis, P., Kiefert, D., Penney, L. (2012). Everyday Interactions and Activities: Field Studies of Early Learning Across Settings . Proceedings of the 10th *International Conference of the Learning Sciences (ICLS 2010) - Volume 1, Full Papers.* International Society of the Learning Sciences: Sydney, Australia.
- Mehus, S., Stevens, R., & Grigholm, L. (2010). Interactional Arrangements for Learning about Science in Early Childhood: A Case Study Across Preschool and Home Contexts. In Gomez, K., Lyons, L., & Radinsky, J. (Eds.), *Learning in the Disciplines: Proceedings of the 9th International Conference of the Learning Sciences (ICLS 2010) - Volume 1, Full Papers.* International Society of the Learning Sciences: Chicago IL.
- Scopelitis, S., Mehus, S., & Stevens, R. (2010). Made by Hand: Gestural Practices for the Building of Complex Concepts in Face-to-Face, One-on-One Learning Arrangements. In Gomez, K., Lyons, L., & Radinsky, J. (Eds.), *Learning in the Disciplines: Proceedings of the 9th International Conference of the Learning Sciences (ICLS*

2010) - Volume 1, Full Papers. International Society of the Learning Sciences: Chicago IL.

- Dugan, T., Stevens, R., & Mehus, S. (2010). From Show, To Room, To World: A Cross-Context Investigation of How Children Learn from Media Programming. In Gomez, K., Lyons, L., & Radinsky, J. (Eds.), *Learning in the Disciplines: Proceedings of the 9th International Conference of the Learning Sciences (ICLS 2010) - Volume 1, Full Papers*. International Society of the Learning Sciences: Chicago IL.
- Garrison, L., Stevens, R., and Jocuns, A. (2008). Gender, institutional structure and learning in an engineering college. In *Proceedings of the International Conference of the Learning Sciences, June 24-28*.
- Garrison, L., Stevens, R., Sabin, P., & Jocuns, A. (2007). Cultural models of the admission process in engineering: Views on the role of gender. In *Proceedings of American Society for Engineering Education Annual Conference*, Honolulu, HI.
- O'Connor, K., Bailey, T., Garrison, L., Jones, M., Lichtenstein, G., Loshbaugh, H., Perhamus, L., Seward, D., Stevens, R. (2007). Sponsorship: Engineering's tacit gatekeeper. *Proceedings of the 2007 ASEE Annual Conference and Exposition*, Honolulu, Hawaii, June 24-27.
- Satwicz, T., & Stevens, R. (2007). Tools of play: Coordinating games, characters, and actions while learning to play video games. In C. Chinn, G. Erkens & S. Puntambekar (Eds.), *The proceedings of CSCL 2007: Of Mice, Minds, and Society* (pp. 629-638): International Society of the Learning Sciences.
- Saxena, A. & Stevens, R. (2007). Video Traces: Creating Common Space between University and Public Schools for Preparing New Teachers. In C. Chinn, G. Erkens, & S. Puntambekar (Eds.), *The proceedings of CSCL 2007: Of Mice, Minds, and Society* (pp. 639-641): International Society of the Learning Sciences.
- Stevens, R., Mertl, V., Levias, S., McCarthy, L., Goldman, S., Martin, L., Pea, R., Booker, A., Blair, K. P., Nasir, N. S., Heimlich, M., Atukpawu, G. & O'Connor, K. (2006). At home with mathematics: Meanings and uses among families. In S. Barab, K. Hay & D. Hickey (Eds.), *Proceedings of the Seventh International Conference of the Learning Sciences (ICLS)*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Stevens, R., O'Connor, K. & Garrison, L. (2005). Engineering student identities in the navigation of the undergraduate curriculum. *Proceedings of the Association of the Society of Engineering Education*.
- Chambers, E., & Stevens, R. (2004). Seeing Nacirema: How students and professors interpret ethnographic film. *Proceedings of the 6th International Conference of the Learning Sciences*. In Y. Kafai, W. Sandoval, N. Enyedy, A. Nixon & F. Herrera (Eds.). Lawrence Erlbaum & Associates, Mahweh, NJ.
- Satwicz, T. & Stevens R. (2004). From Text to tool: Unpacking the diffusion of a learning technology in higher education. *Proceedings of the 6th International Conference of the Learning Sciences*. In Y. Kafai, W. Sandoval, N. Enyedy, A. Nixon & F. Herrera (Eds.). Lawrence Erlbaum & Associates, Mahweh, NJ.
- Shelton, B. & Stevens, R. (2004). Using coordination classes to interpret conceptual change in astronomical thinking. *Proceedings of the 6th International*

- Conference for the Learning Sciences. *Proceedings of the 6th International Conference of the Learning Sciences*. In Y. Kafai, W. Sandoval, N. Enyedy, A. Nixon & F. Herrera (Eds.). Lawrence Erlbaum & Associates, Mahwah, NJ.
- Sheppard, S., Atman, C., Stevens, R., Fleming, L., Streveler, R., Adams, R., and Barker, T. (2004). Studying the engineering student experience: Design of a longitudinal study. *Proceedings of the American Society for Engineering Education (ASEE)*.
- Stevens, R., Cherry, G. & Fournier, J. (2001). Video Traces: Rich Media Annotations for Teaching and Learning. In G. Stahl (Ed). *Proceedings of the Computer Supported Collaborative Learning Conference*. Lawrence Erlbaum & Associates, Mahwah, NJ.
- Stevens, R. (1997). Divisions of labor in computer-assisted design: A Comparison of cases from work and school. In N. Miyake, R. Hall, & N. Enyedy (Ed). *Proceedings of The Second International Conference on Computer Support for Collaborative Learning*. Toronto, Ontario, Canada. University of Toronto Press.
- Hall, R. & Stevens, R. (1996) Teaching/learning events in the workplace: A Comparative analysis of their organizational and interactional structure. In G. W. Cottrell (Ed.), *Proceedings of the Eighteenth Annual Conference of the Cognitive Science Society*. Hillsdale, NJ: Lawrence Erlbaum Associates.

Books and Reports

- Stevens, R., Headrick-Taylor, K. & Takeuchi, L. (in preparation). *The Contemporary Landscape of Children's Media Use*.
- Stevens, R. (in preparation). *Field studies of learning and cognition*.
- Stevens, R. (in preparation). *Joint Media Engagement*.
- Stevens, R. & Becker, H. (in preparation). *Learning together: The Collected Works of Howard Becker on Learning and Education*. Cambridge University Press.
- Bevan, B., Bell, P., Stevens, R. & Razfar, A. (2012). *LOST opportunities: Learning in Out of School Time*. Springer. New York.
- Takeuchi, L. & Stevens, R. (2011). *The New Coviewing: Designing for Learning through Joint Media Engagement*. New York: The Joan Ganz Cooney Center.
- Bell, P., Stevens, R. & Satwicz, T. (2002). *Proceedings of the 5th International Conference of the Learning Sciences*. Lawrence Erlbaum & Associates, Mahwah, NJ.

Book Reviews

- Stevens, R. (2006). What part of practice is thinking? Review of "Scientific and Technological Thinking" *Science Education*, 574-577.
- Stevens, R. & Chambers, E. (2004). Model behavior. Review of "The Role of Communication in Learning to Model." *Contemporary Psychology: APA Review of Books*.

Refereed presentations

- Stevens, R. (2013). Toward a Cognitive Ecology that works for Education. Paper presented at the American Education Research Association Conference. San Francisco, CA.
- Stevens, R. (2013). Field Studies of Joint Media Engagement. Paper presented at the American Education Research Association Conference. San Francisco, CA.
- Keifert, D., & Stevens R. (May, 2013). *"Yeah! I'm an an-phanian. Cause I'm a frog!" Associating science with everyday inquiry.* Paper presented at the American Educational Research Association Conference, San Francisco, CA.
- Keifert, D., & Stevens, R. (April, 2013). *Affording inquiry practices: Tracing the practices of one young girl across contexts.* Paper presented at the American Educational Research Association Conference, San Francisco, CA.
- Keifert, D., & Stevens, R. (February, 2013). *Young children's everyday inquiry: An analytical framework for tracing practices across contexts.* Poster presented at the National Science Foundation's 6th inter-Science of Learning Center Student and Post-Doc Conference, Philadelphia, PA.
- Penney, L., Stevens, R., Jona, K. (2013). *Amps or Pipettes? Gender Differentiated Choice of STEM Challenges in an After-School Program.* Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Umphress, J. & Stevens, R. (2013). Families' re-orienting moves as a way to highlight moments of learning while gardening. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Keifert, D., & Stevens, R. (2012). Block building at home and preschool. *Proceedings of the 10th International Conference of the Learning Sciences, Sydney AU, 2, 91-98.*
- Penney, L., & Stevens, R. (2012). Questioning among preschool children. *Proceedings of the 10th International Conference of the Learning Sciences, Sydney AU, 2, 91-98.*
- Mehus, S., Stevens, R., & Penney, L. (2012). Children's imitation in its natural environments. *Proceedings of the 10th International Conference of the Learning Sciences, Sydney AU, 2, 91-98.*
- Keifert, D., & Stevens, R. (June, 2011). *Driving co-constructed activity during family play: How are children participating in shared STEM-focused activity?* Paper presented at the Jean Piaget Society Conference, Berkeley, CA.
- Penney, L., & Stevens, R. (2011). *Lines of question-based inquiry: Exploring children's questioning.* Paper presented at the Jean Piaget Society Conference, Berkeley, CA.
- Penney, L., Keifert, K., Mehus, S., & Stevens, R. (March, 2011). *Lines of Question-Based Inquiry: Children's Questioning Within a Conversation.* Poster presented at the National Science Foundation's 4th inter-Science of Learning Centers Conference, Washington DC.
- Stevens, R. (June, 2010). Early Chapters in the Biography of the "Learning Sciences". International Conference for the Learning Sciences. Chicago, IL. Paper presentation.
- Stevens, R. (June, 2010). Identifications in and with video game play. Games, Learning, & Society. Madison, WI. Paper presentation.
- Dugan, R., Stevens, R., & Mehus, S. (2010). Watch and learn: Tuning into young children's social interactions with and around television. Poster presented at American Educational Research Association conference. Denver, Colorado.

- Mehus, S., Scopelitis, S., & Stevens, R. (2010). Highlighting gesture in explanation. Paper presented at the International Conference for Conversation Analysis, Mannheim, Germany.
- Scopelitis, S., Mehus, S., & Stevens, R. (2010). The hands as builders: The construction of complex concepts in face-to-face learning arrangements. Paper presented at American Educational Research Association conference. Denver, Colorado.
- Mehus, S., Stevens, R. & Dugan, T. (2010). Talking back to Dora: Young children's responses to "interactive" television when watching alone and watching with others. Poster presented at the National Science Foundation Science of Learning Centers Annual Meeting, Arlington, VA.
- Mehus, S., Stevens, R., & Mertl, V. (November, 2008). Interactional arrangements for learning in a laboratory experiment. Top Scholar-to-Scholar Presentation, National Communication Association 94th Convention, San Diego, California.
- Jocuns, A. & Stevens R. (April, 2008). Trajectories of discourse and action in becoming an engineer. Sociolinguistics Symposium 17, Amsterdam, The Netherlands, April 3-5, 2008.
- Stevens, R. (March, 2008). Wind tunnels, turtle songs, and car cannibalizations: Remarks on learning & heterogeneity. Paper presented at the 2008 Annual Meeting of the American Educational Research Association, New York, NY.
- Stevens, R. (March, 2008). The Multiple identities of students—and of “math” itself—in a classroom. Paper presented at the 2008 Annual Meeting of the American Educational Research Association, New York, NY.
- Levias, S., Mertl, V., McCarthy, L. & Stevens, R. (March, 2008). Family financial decision making-analysis using a quantitative practices framework. In J. Baker (Chair), LOST learning opportunities: Studies of science and mathematics learning in out-of-school time. Poster presented at the American Educational Research Association, New York, NY.
- Jocuns, A & Stevens, R. (March, 2008). “I’ve always been interested in things that go fast”: Shifting storylines in engineering students’ narratives of their interest in engineering. Georgetown University Round Table (GURT), Washington, DC, March 14-16, 2008.
- Levias, S., McCarthy, L., Mertl, V., & Stevens, R. (February, 2007). Learning opportunities and instances in everyday family financial practices. Paper presented at the 28th Annual Ethnography in Education Research Forum: Ethnography and Education in Trying Times, University of Pennsylvania, Philadelphia.
- Mertl, V., McCarthy, L., Levias, S. & Stevens, R. (August, 2007). “The way *she* does? No.”: Intergenerational influences in everyday family financial matters. Paper presented at the 12th Biennial European Association for Learning and Instruction (EARLI) 2007 Conference, Budapest, Hungary.
- Levias, S., McCarthy, L., Mertl, V., & Stevens, R. (April, 2007). At the family table?: Methodological and practical issues of in-home ethnographic research on family finance. Paper presented at the 2007 Annual Meeting of the American Educational Research Association, Chicago, IL.
- Satwicz, T., McCarthy, L., & Stevens, R. (April, 2007). Methodological issues pertaining to the observation of young people’s video gaming practices. Paper presented at

- the 2007 Annual Meeting of the American Educational Research Association, Chicago, IL.
- O'Connor, K., Stevens, R. Sabin, P., & Garrison, L. (April, 2007). Dynamics of Sponsorship in the Social Production of Engineers. Paper presented at the 2006 Annual Meeting of the American Educational Research Association, San Francisco, CA.
- Satwicz, T., McCarthy, L., & Stevens, R. (April, 2006). Gaming to learn what? An ethnographic study of kid's video gaming practices. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Stevens, R., Mertl, V., Levias, S. & Mertl, V. (April, 2006). Money matters: The social and material organization of consequential mathematical practices in family life. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Satwicz, T., McCarthy, L., & Stevens, R. (June, 2005). Sketching the practice: Game problems and player resources in gaming studies. Poster presented at Games, Learning, and Society 1.0, Madison, WI.
- Stevens, R. & O'Connor, K. (June, 2005). Technoscientists in the making: Following the development of scientists and engineers across time, space, and place. Jean Piaget Society Meetings. Vancouver, BC.
- Stevens, R., O'Connor, K. & Garrison, L. (April, 2005). Engineering identities: The Cultural production of disciplined persons. Paper presented at the 2005 Annual Meeting of the American Educational Research Association, Montreal, Canada.
- Pea, R., Bell, P., Barron, B. & Stevens, R. (April, 2005). Informal learning in everyday settings. Paper presented at the 2005 Annual Meeting of the American Educational Research Association, Montreal, Canada.
- Chambers, E., & Stevens, R. (April, 2004). Towards a professional vision in the interpretation of others: How students and professors see ethnographic film. Paper presented at the AERA, San Diego
- Stevens, R. & Macklin, S. (June, 2003). Representing, exchanging, and assessing ideas in an *almost* natural way: The Traces digital media annotation systems. Paper presented at the Educational Media Conference. Honolulu, HI.
- Chambers, E. & Stevens, R. (April, 2003). Becoming ethnographers: An Expert/novice study of ethnographic thinking. Paper presented at The American Educational Research Conference. Chicago, IL.
- Chambers, E. & Stevens, R. (March, 2003). Becoming ethnographers: An Expert/novice study of ethnographic thinking. Paper presented to the Society of Applied Anthropology, Portland, OR
- Stevens, R. & Polman, J. (July, 2002). VideoTraces: Supporting interpretation, representation and distributed interaction through a digital video based annotation system in museums. Paper presented at The International Society for Cultural Research & Activity Theory Conference (ISCRAT). Amsterdam, Netherlands.
- Herrenkohl, L., Wineburg, S. and Stevens, R. (April, 2002). Discourse and selves in the construction of historical knowledge. Paper presented at the American Educational Research Association Conference.

- Stevens, R., Cherry, G. & Fournier, J. (January, 2002). Video Traces: Media rich annotations for Learning and Teaching. Paper presented at the Computer Supported Collaborative Learning Conference. Boulder, CO.
- Stevens, R., Wineburg, S., Herrenkohl, L., & Bell, P. (April, 2001). Toward a comparative understanding of school subjects: Possible relations between science and history in elementary school. Paper presented at the American Educational Research Association Conference. Seattle, WA.
- Stevens, R. (October, 2000). Creating and sharing representations of scientific phenomena: A Proposal for a video-based meta-exhibit to connect informal learning centers and schools. Paper presented at Center for Innovative Learning Technologies (CILT) Conference. Arlington, VA.
- Stevens, R. (August, 1999). From the ground up: Reconceptualizing disciplinary knowledge as embodied practice. Paper presented at the European Association for Research on Learning and Instruction (EARLI). Goteborg, Sweden.
- Stevens, R. (March, 1999). School is a comparatively lousy place to work and learn. Paper presented at the 20th Annual Ethnography in Education Forum. University of Pennsylvania, Philadelphia, PA.
- Stevens, R. (October, 1998). Using comparative field research to inform socio-technical design: Connecting communities and supporting learning. Paper presented at Center for Innovative Learning Technologies (CILT) Conference. San Jose, CA.
- Stevens, R. (April, 1998). Disciplined perception: Comparing the development of embodied mathematical practices at work and school. Paper presented at presented at the American Education Research Association Conference. San Diego, CA.
- Stevens, R. (December, 1997). Divisions of Labor in Computer-Assisted Design: A Comparison of Cases from Work and School. Computer Supported Collaborative Learning Conference. Ontario Institute for Studies in Education. Toronto, Canada. **Plenary presentation.**
- Stevens, R. (October, 1997). What do Science and Technology Studies *have* to say about learning? Paper presented at 4S (Society for Social Studies of Science) meetings. Tucson, AZ.
- Stevens, R. (March, 1997). Disciplined perception: Examples of ways that architects' visual practices are mathematical. Paper presented at the American Educational Research Conference, Chicago, IL.
- Stevens, R. & Hall, R. (October, 1996). Disciplined perception: Learning to see in technoscience. Paper presented at 4S/EASST (Society for Social Studies of Science/European Association for the Social Study of Science & Technology) meetings, Bielefeld, Germany.
- Stevens, R. & Hall, R. (October, 1996). Seeing *Tornado*: The Organization of spectacles in a science museum. Paper presented at 4S/EASST meeting, Bielefeld, Germany.
- Hall, R. and Stevens, R. (April, 1996). The Bughouse: Sorting insects across disciplinary boundaries. Paper presented at the American Education Research Association Conference, New York, NY.
- Hall, R. and Stevens, R. (April, 1996). Mapping trajectories from school to work. Paper presented at the American Education Research Association Conference, New York, NY.

- Stevens, R. & Roschelle, J. (April, 1994). Talking about phenomenological primitives: When Everyday conversation meets everyday cognition. Paper presented at the American Education Research Association Conference, New Orleans, LA.
- Greeno, J., Linde, C., Roschelle, J., Brereton, M., Lewis, J., & Stevens, R. (April, 1994). Learning to synthesize engineering practices. Paper presented at the American Education Research Association Conference, New Orleans, LA.

Invited presentations, seminars, and workshops

- Stevens, R. (2014). Inside out: Looking at schools from the perspective of learning everywhere else. 7th Nordic Learning Across Contexts Conference, University of Oslo, Norway. **Invited keynote.**
- Stevens, R. (2014). Cyborg learning: How our mobile and networked lives are changing learning and education. **Annual Tisch Lecture.** Teachers College, Columbia University.
- Stevens, R. (2014). Some reflections on ‘making’. International Conference for the Learning Sciences. **Keynote panel.**
- Stevens, R. (2014). Alternative Infrastructures for Learning and Teaching. Invited Colloquium. Kings College, London, UK.
- Stevens, R. (2013). Studying and Designing Alternative Infrastructures for Learning. Fall Colloquium Series. Teachers College, Columbia University.
- Stevens, R. (2013). Studying and Designing Alternative Infrastructures for Learning. Department of Comparative Human Development Colloquium Series. University of Chicago.
- Stevens, R. (2013). Studying and Designing Alternative Infrastructures for Learning. College of Education Dean’s Distinguished Lecture Series. University of Illinois, Champaign-Urbana.
- Stevens, R. (2013). Alternative Infrastructures for Learning. **Invited Plenary.** The Learner Conference. Rhodes, Greece.
- Stevens, R. (2013). Big Data, Interaction Analysis, and Everything In Between. Games, Learning, and Society Conference. Invited talk. University of Wisconsin, Madison, WI.
- Stevens, R. (2012). Field studies of media use and learning among young children. Council of Chief State School Officers Technology Panel. Washington, DC. Invited talk.
- Stevens, R. (2012). Learning has always been ubiquitous and why this matters. Ubiquitous learning conference. **Invited plenary.** University of Illinois, Champaign-Urbana.
- Stevens, R. (2012). Ethnographic studies of early learning & the role of joint media engagement. Invited Presentation. NUIdeas Developmental Exchange.

- Stevens, R. (2012). Learning from Gaming and Gaming for Learning: A Dual Mission for the GLS Community. **Invited Keynote**. Games, Learning, & Society Conference. Madison, WI.
- Stevens, R. (2012). Learning Everywhere ~~But~~ And School. Invited TEDX talk. Evanston, IL.
- Stevens, R. (2012). Kids, Media, and Learning. Invited colloquium. University of Pennsylvania.
- Stevens, R. (2012). Re-orienting Engineering Education: More People, More Things, Better Problems, & Stickier Formalisms. Invited Colloquium. Department of Education and Center for Engineering Education and Outreach. Tufts University.
- Using Interaction Analysis for Field Studies of Cognition and Learning. Two day workshop and talk. University of California, San Diego & San Diego State. (January, 2012)
- Stevens, R. (2011). Joint Media Engagement/New Co-Viewing Workshops. Sesame Workshop. New York (April 2011) & Stanford University (December 2011). Co-organizer and presenter.
- Stevens, R. (2011). Documenting Learning in Out of School Settings. Macarthur Foundation Working Group. Northwestern University (October 2011) & University of California, San Diego (January 2012). Co-organizer and host at Northwestern.
- Stevens, R. (June, 2011). The Social Lives of Children: What a micro-ethnographic focus on children's interests and concerns can tell us about early STEM learning. **Invited Plenary**. Jean Piaget Society Meetings. Berkeley, CA.
- Stevens, R. KAIA. (June, 2011). Integrating Knowledge Analysis and Interaction Analysis Perspectives on Cognition and Learning. **Invited plenary**. Marin, CA.
- Stevens, R. (May, 2011). Becoming an Engineer: Then and There, Here and Now, and into the Future. Invited colloquium. Department of Engineering. Northwestern University.
- Stevens, R. (May, 2011). Why School is Still a Lousy Place to Learn Anything In...Rethinking Motivation and Engagement from an Ethnographic Perspective on Youth Culture and Learning. **Invited plenary**. Designing for Motivated Learning: Centennial Conference for the Pittsburgh School of Education.
- Stevens, R. (April, 2011). Interaction Analysis: Theory and Practice. Invited Two Day Workshop. University of Copenhagen, Department of Psychology.
- Stevens, R. (November, 2010). Promoting children's learning through joint media engagement. Macarthur Workshop on "The New Co-viewing": Northwestern University.
- Stevens, R. (November, 2010). Field studies of Joint Media Engagement. Macarthur Workshop on "The New Co-viewing": Promoting children's learning through joint media engagement. Northwestern University.

- Stevens, R. & Penuel, W. (October, 2010). Studying and supporting joint media engagement. NSF Science of Learning Centers Annual Conference. Arlington, VA.
- Stevens, R. (June, 2010). Fateful appraisals of me, by me...of the discipline, by the discipline. International Conference for the Learning Sciences. Chicago, IL. **Invited plenary panel** on Identity and Learning in the Disciplines.
- Stevens, R. (June, 2010). What's in a Game: Concepts and methods for studying games and learning. Games, Learning, & Society. Madison, WI. Invited methods workshop.
- Stevens, R. (March, 2010). Thinking through and beyond disciplines as a foundation for educational and learning research. Invited talk. University of Michigan.
- Stevens, R. (April, 2010). The Future of Outdoor Psychology: New Directions for the Learning Sciences. Invited talk. University of Illinois, Chicago.
- Stevens, R. (June, 2008). Using the *VideoTraces* Digital Annotation Medium to Transform Museum Experiences. Transforming Museums Conference. Invited paper. Seattle, WA.
- Stevens, R. (December, 2007). Embodied Mathematics: Connections and Conceptual Collisions. Invited talk. Research on Embodied Mathematical Cognition, Technology and Learning Group. Center for Advanced Study in the Behavioral Sciences. Palo Alto, CA.
- Stevens, R. (June, 2007). What counts as math and science? Bay Area Institute (BAI). **Invited plenary**. San Francisco, CA.
- Stevens, R. (May, 2007). What everyday video game play tells us about science learning. Invited Panel Discussion. Board of Science Education (BOSE), National Academies of Science. Washington, DC
- Stevens, R. (April, 2007). Some personal reflections on how to end up with something feels like quality to you and looks like it to others. Invited talk: AERA Learning Sciences Special Interest Group. Chicago, IL.
- Stevens, R., Bransford, J., Garrison, L., Jocuns, A., Amos, D. & Omahony, T. (April, 2007). Images From Professional Education in College and the Workplace: Pathways to Engineering Expertise and "The New Engineer." Invited Symposium for Education and the Professions Division. AERA. Chicago, IL.
- Stevens, R. (2006, April). Learning across settings: Understanding it and supporting it with new technologies. **Invited Keynote**. Informal Educators Conference, Pacific Science Center, Seattle, WA.
- Stevens, R. (2006, April). "When are we ever going to use this?": What research on informal learning means for mathematics education. Invited presentation at the Learning Sciences Colloquium Series, Peabody College, Vanderbilt University, Nashville, TN.
- Satwicz, T., McCarthy, L., & Stevens, R. (2006, March). Technology at play: An ethnographic study of young people's video gaming practices. Invited

- presentation at the Images of Youth: New Directions in Media Literacy and Teen Health Conference, Seattle, WA.
- Stevens, R. (August, 2004). Lights, camera, interaction: Teaching with Video Traces. UW Web-Ed. University of Washington. Seattle.
- Stevens, R. (April, 2004). Learning to see in technoscience. Jan Hawkins Award talk. American Educational Research Association Conference. San Diego.
- Stevens, R. (April, 2003). Supporting an alternative assessment infrastructure with the Traces digital annotation medium. In *Toward A National Research Agenda For Improving The Intelligence Of Assessment Through Technology*. American Educational Research Association Conference. Chicago, IL.
- Stevens, R. (November, 2002). Traces: A Digital Annotation Medium for Supporting Learning & Teaching. CILT Digital Video Workshop. Stanford University.
- Stevens, R. (October, 2002). Studying learning in interaction. Workshop presentation. The 5th International Conference for the Learning Sciences. Seattle, WA.
- Stevens, R. (July, 2002). VideoTraces: A Digital annotation medium for supporting learning, Teaching and Collaboration. Thinkquest Live. Seattle, WA.
- Stevens, R. (June, 2002) VideoTraces: A Digital representational medium for supporting visitor interpretation and museum-school connections. Kings College, London. Bi-annual Informal Science Learning Seminar series.
- Stevens, R. (May, 2002). VideoTraces: A Digital annotation medium for supporting learning, teaching and collaboration. UW College of Education Research Colloquium.
- Stevens, R. (April, 2002). VideoTraces: A digital representational medium for supporting visitor interpretation and museum-school connections. University of California, Santa Cruz. Informal learning colloquium series.
- Stevens, R. (April, 2002). VideoTraces: An Innovative digital medium supporting interpretation, exchange, and knowledge construction. Stanford Univeristy. Innovations in Learning Colloquium series.
- Stevens, R. (January, 2002). Technoscientists in the making. Paper presented at The Workshop on Pedagogy and Science Studies (Training Scientists, Crafting Science). Massachusetts Institute of Technology, Cambridge, MA.
- Stevens, R. Nelson, T, Gaffney, A. Pratt, D. (October, 2001). Partnership for research in inquiry-based math, science, and engineering education. Grant Makers For America Conference.
- Stevens, R. (May, 2001). Video Traces: Media rich annotations for learning and teaching. Annual Spring Forum. **Invited keynote**. University of Washington. Seattle, WA.
- Stevens, R. (April, 2001). Within and across moments: The Help ethnomethodology provides for respecifying 'learning'. The Culture and Communication Seminar Series. Harvard Humanities Center. Harvard University. Cambridge, MA.
- Stevens, R. (April, 2001). Documenting learning within and across moments. AERA Presidential Invited Symposium. The American Educational Research Association conference. Seattle, WA.
- Stevens, R. (April, 2001). Qualitative research: Asking questions and finding answers in educational research (Division D). Graduate student symposium. The American Educational Research Association conference. Seattle, WA.

- Stevens, R. (January, 2001). The Elusive thing called learning: Analytic approaches to finding and describing it in the wild. Twelfth Annual Winter Conference on Discourse, Text & Cognition. Jackson, Wyoming.
- Stevens, R. (April, 2000). A Comparative analysis of learning in interaction in a classroom and a workplace. Division G. New Orleans, LA.
- Stevens, R. (January, 2000). Human centered product design conference. Intel Corporation. Hillsdale, OR.
- Stevens, R. (October,1999). Mathematics in and out of school conference. Planning meeting funded by the National Science Foundation program on Transitions to Work.
- Hall, R. & Stevens, R. (June, 1999). On the relevance of work practice studies to education in Participation, positionings and identities symposium at Work Practice & Technology: The Next Twenty Years of Research Conference. Palo Alto & Half Moon Bay.
- Stevens, R. (February, 1999). Mathematics in and out of school. Mathematics Department, University of Washington.
- Hall, R. & Stevens, R. (August, 1998). Analyses of work across disciplinary boundaries: Making and using generalizations in entomology versus architecture. The Cognitive Science Society Meetings, Madison, WI.
- Stevens, R. & Schwartzburg, A. (May, 1998). Experiments in representing human activity. Fuji-Xerox Palo Alto Research Center.
- Hall, R. & Stevens, R. (November, 1996). Talking across disciplinary boundaries in design-oriented work. The Symposium on Understanding Interdisciplinary Teamwork: Challenges for research and practice, National Institute for Science Education (NISE), University of Wisconsin.
- Hall, R., Stevens, R., Torralba, A., & John, S. (October, 1995). Case studies of math at work: Exploring design-oriented mathematical practices in school and work settings. The Institute for Research on Learning, the Xerox Palo Alto Research Center, and in the Graduate School of Education Colloquium Series, University of California, Berkeley.
- Hall, R. and Stevens, R. (September, 1995). Sorting termites and tracking wolves: Constructing quantity in and out of school. The Symposium on Symbolizing, Communicating, and Mathematizing. Vanderbilt University, TN.

TEACHING (AT NORTHWESTERN AND THE UNIVERSITY OF WASHINGTON)

- Foundations of the Learning Sciences (NU)
- Cognition in Contexts (NU, undergraduate course)
- Multi-modal Interaction Analysis of Learning and Education NU and UW)
- Learning, Media, & Interaction (UW)
- Ethnography and Human Development (UW)
- Design-based Methods in Educational Research (UW, 2 quarter practicum)
- Dilemmas in Secondary Teaching and Learning (UW)
- Discourse in the Disciplines (UW)
- Human Learning and Educational Practice (UW)
- Inquiry-based Mathematics and Science Education (UW)
- Museum Studies (UW)
- Qualitative Methods in Educational Research (UW, 2 quarter practicum)

Technology in Context (UW)
Learning in Organizations, University of Pennsylvania, Penn Chief Learning Officer PhD
program (2012-current)

ADVISORY BOARDS

Joan Ganz Cooney Center at the Sesame Workshop. Advisory Board Member. (2010-present)
Common Sense Media. Advisory Board Member (2012-present)
Tufts Center for Engineering Education and Outreach. Advisory Board Member. 2013-current
Family Learning in Museum-Based Makerspaces (IMLS funded), Advisory Board Member, 2012-current
Hard Fun Learning Mathematics (NSF funded). Advisory Board Member, 2012-current
UTeach Engineering (NSF Funded). Advisory Board Member, 2010-2013
Tangible Mathematics Project (NSF funded), Advisory Board Member, 2010-2013

CURRENT CONSULTANCIES

Joan Ganz Cooney Center. FAM multi-institutional study. 2015-2016.

REVIEWING

Journal of the Learning Sciences (Associate Editor, former editorial board member), *American Educational Research Journal*, *American Journal of Education*, *Mind, Culture, and Activity*, *Cognition and Instruction*, *Journal of Engineering Education*, *Educational Psychology*, *Social Studies of Science*, *Contemporary Psychology: APA Review of Books*, *International Journal for Computers and Mathematics Learning*, *Uses of Video in International Education Studies* (National Research Council Report), *Engineering in K-12 Education: Understanding the Status and Improving the Prospects* (National Academy of Engineering Report), Lawrence Erlbaum & Associates (book series), American Educational Research Association (Divisions C and G), International Conference for the Learning Sciences (program chair (2002), program committee (3)), Computer Supported Collaborative Learning Conference (program committee) Cognitive Science Society Conference, University of Washington Royalty Research Fund

NATIONAL SERVICE

Academic Consortium on Games for Impact, White House Office of Science and Technology Policy, 2012-current
Associate Editor, *Journal of the Learning Sciences*, 2007-2008
Chair, Scribner Award Committee, Division C, American Educational Research Association, 2003-2004
Program Committee, International Conference for the Learning Sciences, 2004

Steering Committee, National Science Foundation CLT-Net
Committee Member, Hawkins Award, Division C, American Educational Research Association, 2003-present
Program and Conference Chair (with Philip Bell), International Conference for the Learning Sciences, 2001-2002
Program Committee, Computer Supported Collaborative Learning Conference, 2000-2001, 2004-2005
Panel Reviewer, National Science Foundation, Research on Learning and Education (ROLE) Program, Transforming Undergraduate Education in Science (TUES), Alternative Learning Technologies (ALT) Program, Cyberlearning and Future Learning Technologies Program, Advancing Informal STEM learning (AISL).
Section Chair, Division C (4b), American Educational Research Association, Informal learning environments, 2001-2002

UNIVERSITY SERVICE (AT NORTHWESTERN)

Search Committee, School of Engineering, 2010-2011
Undergraduate Research Grant Committee, 2010-2012
Search Committee, Communications Department, 2009-2010
Purple Sky Strategic Planning Committee, 2010

SCHOOL OF EDUCATION AND SOCIAL POLICY SERVICE

Learning Sciences Undergraduate Major Task Force, Chair, 2015
Learning Sciences Masters Program Director, 2011-2014
Search Committee, Adulthood in Context, SESP, 2011-2012
Search Committee, Qualitative Methods, SESP, 2010-2011
Executive Committee, Chair, 2010-2011
Executive Committee, 2009-present
PhD advisor: Lauren Penney, Danielle Keifert, Dionne Champion
PhD committee: Ananda Marin, Pryce Davis, Nathan Holbert, Jon Boxerman, Jessica Umphress
Post-doctoral advisor: Kevin O'Connor, Portia Sabin, Andrew Jocuns, Katie Taylor