

Brian Slattery
PhD Candidate & Research Assistant
Learning Sciences Research Institute
University of Illinois at Chicago

bslatt2@uic.edu | 847-651-1084
<http://bslatt2.people.uic.edu/>



Research Interests

Informal learning
Informal science education
Interpretation & facilitation

Mobile technology
Human-computer interaction
Professional development

Education & Certifications

2010 – Current
(Candidacy: June 2016)

PhD

Learning Sciences
University of Illinois at Chicago

April 2015

CIG

Certified Interpretive Guide
National Association for Interpretation

2007 – 2010

BA

Cognitive Science (Minor: Philosophy)
Indiana University, Bloomington, IN

Employment Experience

2019 – Current

Manager of Audience Research & Evaluation, Lincoln Park Zoo
Leading the zoo's evaluation of overall guest experience, working with both the Marketing & Communications and Learning departments

2016 – 2019

Research & Data Coordinator, Lincoln Park Zoo
Conducting in-depth qualitative and quantitative research & evaluation of zoo audience awareness, affinity, and engagement

2017 – 2018

Evaluation Consultant, Char Associates
Freelance assistance on grant-funded evaluation projects, involving data collection, analysis, and reporting

2016

Audience Research & Evaluation Internship, Lincoln Park Zoo
Assisting with mixed-methods evaluation and research, as well as designing, implementing, and analyzing an independent project at the zoo

2014 – 2016

Editorial Assistant, Journal of the Learning Sciences
Managing incoming manuscripts, author inquiries, and journal statistics for a top-ranked, peer-reviewed journal focusing on educational research

Research Projects

2011 – 2016

Climate Literacy Zoo Education Network

PIs: Alejandro Grajal, Susan Goldman, Ricardo Stanoss, Michael Mann

The overarching purpose of CLiZEN is to develop and evaluate a new approach to climate change education that connects zoo visitors to polar animals currently endangered by climate change, leveraging the associative and affective pathways known to dominate the decision-making of the general public.



2010 – 2015

EcoCollage

PIs: Leilah Lyons Emily Minor, Moira Zellner

The EcoCollage project is pursuing a paper-based strategy for supporting learners and stakeholders as they engage with interactive simulations of urban flooding and green infrastructure.



Publications

Long papers

- Mallavarapu, A., Lyons, L., Uzzo, S., Thompson, W., Levy-Cohen, R., & **Slattery, B.** (2019). Connect-to-Connected Worlds: Piloting a mobile, data-driven reflection tool for an open-ended exhibit. Paper to be presented at *the 2019 ACM conference on human factors in computing systems (CHI'19)*. Glasgow, U.K. 14 pages.
- Slattery, B.** & Shoffstall, E. (2018). Formative evaluation of facilitated play engagement with early-childhood learners. Paper presented at *the annual conference of the Visitors Studies Association (VSA 2018)*. Chicago, IL.
- Jimenez-Pazmino, P., Lyons, L., **Slattery, B.**, Hunt, B. (2016). Exploring computer-supported collaborative professional development for novice museum and zoo professionals. Paper presented at *the 2016 ACM conference on supporting group work (GROUP 2016)*. Sanibel Island, FL. 10 pages.
- Jimenez Pazmino, P., **Slattery, B.**, Lyons, L., & Hunt, B. (2015). Designing for youth interpreter professional development: A sociotechnologically-framed participatory design approach. Paper presented at *the 14th international conference on Interaction Design & Children (IDC 2015)*. Boston, MA. 10 pages.
- Slattery, B.**, Lyons, L., Jimenez Pazmino, P., Lopez Silva, B., Moher, T. (2014). How interpreters make use of technological supports in an interactive zoo exhibit. Paper presented at *the 11th International Conference of the Learning Sciences (ICLS 2014)*. Boulder, CO. ISLS. 8 pages.
- Jimenez Pazmino, P., Lopez Silva, B., **Slattery, B.**, & Lyons, L. (2013). Teachable mo[bil]ment: Capitalizing on teachable moments with mobile technology in zoos. In Extended abstracts of *the 2013 Conference on Human Factors in Computing Systems (CHI EA 2013)*. Paris, France. 6 pages.
- Dasgupta, C., **Slattery, B.**, Shelley, T., Lyons, L., Minor, E., & Zellner, M. (2013). Building an understanding of how to support students as they problem-solve within a spatial urban planning simulation. Paper presented at *the 5th international conference to Review Research on Science, Technology and Mathematics Education (epiSTEME 5)*. Mumbai, India. 8 pages.

- Slattery, B.**, Dasgupta, C., Shelley, T., Lyons, L., Minor, E., & Zellner, M. (2012). Understanding how learners grapple with wicked problems in environmental science. In *Proceedings of the 10th International Conference of the Learning Sciences (ICLS 2012)*, Sydney, Australia. ISLS. 8 pages.
- Lyons, L., Minor, E., Zellner, M., **Slattery, B.**, & Shelley, T. (2012). Parsing patterns: Developing metrics to characterize spatial problem solving strategies within an environmental science simulation. Paper presented at *the 2012 annual meeting of the American Educational Research Association (AERA 2012)*. Vancouver, BC, Canada. 19 pages.
- Lyons, L., **Slattery, B.**, Jimenez, P., Lopez, B., & Moher, T. (2012). Don't forget about the sweat: Effortful embodied interaction in support of learning. Paper presented at *the 6th international conference on Tangible, Embedded, and Embodied Interaction (TEI 2012)*, Kingston, ON, Canada. 8 pages.

Short papers & Posters

- Jimenez-Pazmino, P., Lyons, L., & **Slattery, B.** (2017). Framing the design space for mobile facilitation tools in exhibit settings. Poster presented at *the 12th international conference on Computer Supported Collaborative Learning (CSCL 2017)*. Philadelphia, PA. 2 pages.
- Slattery, B.**, Lyons, L., & Jimenez Pazmino, P. (2017). How informal educators help visitors make sense of an interactive zoo exhibit. Poster presented at *the 2017 annual meeting of the American Educational Research Association (AERA 2017)*. San Antonio, TX. 1 page.
- Smith, M. & **Slattery, B.** (2017). Visitor and interpreter connections: The role of free play space in an informal learning environment. Poster presented at *the 2017 annual meeting of the American Educational Research Association (AERA 2017)*. San Antonio, TX. 1 page.
- Slattery, B.**, Lyons, L., Jimenez Pazmino, P., Reese, J., Mendex, Y., & Twiddy, J. (2016). Analyzing how interpreters model sense-making at an interactive digital exhibit. Poster presented at *the annual conference of the Visitors Studies Association (VSA 2016)*. Boston, MA. 1 page.
- Jimenez-Pazmino, P., Lyons, L., **Slattery, B.**, Hunt, B. (2016). Reflecting on expertise, a key factor when designing for professional development in informal science institutions. Poster presented at *the 18th International conference on Human-Computer Interaction (HCI 2016)*. Toronto, CA. 1 page.
- Slattery, B.** (2014). Designing a tablet support tool for interpreters. Poster presented at *the Annual Conference of the Visitors Studies Association (VSA 2014)*. Albuquerque, NM. 3 pages.
- Lyons, L., Lopez Silva, B., Moher, T., Pazmino Jimenez, P., & **Slattery, B.** (2013). Feel the burn: Exploring design parameters for effortful interaction for educational games. Paper presented at *the 2013 conference for Interaction Design and Children (IDC 2013)*. New York, NY. 4 pages.
- Slattery, B.** (2013). Supporting facilitation for informal learning with mobile technology. Paper presented at *the 10th international conference on Computer Supported Collaborative Learning (CSCL 2013)*. Madison, WI. 1 page.
- Slattery, B.**, Lyons, L., Lopez Silva, B., & Jimenez Pazmino, P. (2013). Extending the reach of embodied interaction in informal spaces. Poster presented at *the 10th international conference on Computer Supported Collaborative Learning (CSCL 2013)*. Madison, WI. 2 pages.

Digital publications

Slattery, B., Lyons, L., & Jimenez Pazmino, P. (2015). Designing mobile support technology for zoo interpreters. Paper presented at *the 19th annual conference of Museums and the Web (MW 2015)*. Chicago, IL. Available at <http://mw2015.museumsandtheweb.com/paper/designing-mobile-support-technology-for-zoo-interpreters/>

Symposia

Slattery, B. (2015). Designing a tool to support zoo interpreters' pedagogy and professional development. In D. Scipio (Chair), *Approaches to informal pedagogies: Preparing educators to teach in informal environments*. Symposium conducted at the 2015 annual meeting of the American Educational Research Association (AERA 2015). Chicago, IL.

Book chapters

Lyons, L., Moher, T., & **Slattery, B.** (2012). How technology can enhance the zoo experience and foster environmentally friendly behavior. In A. Grajal & S. Goldman (Eds.), *Climate change education: A primer for zoos and aquariums* (85-102). Available from <http://clizen.org/e-book.html>.

Teaching Experience

Fall 2015 – Spring 2016	Teaching Assistant PSCH 100 Introduction to Psychology
Fall 2009	Teacher's Aide Fairview Elementary School, Bloomington, IN
Fall 2001 – Spring 2006	Teacher's Aide B'nai Torah Religious School, Highland Park, IL

Service Experience

Learning Sciences Graduate Student Symposium

The Learning Sciences Graduate Student Symposium (LSGS Symposium) is a regional conference for graduate students in the learning sciences to present their work and participate in workshops, roundtables, and other professional development. The LSGS Symposium is led and organized by graduate students, and first took place at the University of Illinois at Chicago in October 2016.

2016 Founding member
 LSGS Organizational Committee

Learning Sciences Student Association

The Learning Sciences Student Association (LSSA) is a vehicle for creating programmatic events that support the academic and professional development of UIC Learning Sciences graduate students. LSSA aims to be a central voice to build relationships with faculty and staff and address systemic issues in a proactive manner.

Fall 2012 President
 – Spring 2014

Spring 2010 Vice-President

Fall 2009 Secretary

Honors & Awards

University of Illinois at Chicago

2013 CSCL 2013 Doctoral Consortium
2011 Honorable Mention, NSF Graduate Research Fellowship Program

Indiana University

2009 – 2010 Founder's Scholar
2007 – 2010 Dean's List
2007 – 2010 Hutton Honors College
2007 National Merit Scholarship Finalist