M. Brooke Robertshaw, PhD

Assistant Professor & Assessment Librarian
Oregon State University Libraries & Press
121 The Valley Library
Corvallis, OR 97331
Work: 541-737-1780
Mobile: 541-870-6136
brooke.robertshaw@oregonstate.edu

Education

2013

> **Doctor of Philosophy**, Instructional Technology & Learning Sciences, Utah State University, Logan, UT USA
> Dissertation research: Use of mixed methods to develop close-ended answers to assess in-service K-12 teachers' technological pedagogical content knowledge (TPACK)

1998

> **Masters of Education**, Computer Based Education, University of Georgia, Athens, GA, USA

1995

> **Bachelor of Arts**, Early Childhood Education, Oglethorpe University, Atlanta, GA, USA

Selected Professional Experience

December 2015 - Present

> **Assistant Professor & Assessment Librarian**
> Oregon State University Libraries and Press, Oregon State University, Corvallis, OR, USA

January 2014-November 2015

> **Assessment & Data Analyst**
> Office of Institutional Assessment, Purdue University, West Lafayette, IN, USA

July 2011-June 2012

> **Intern**
> Office of Methodological and Data Services, College of Education and Human Services, Utah State University, Logan, UT, USA

Selected Publications

Asher, A., Briney, K., Goben, A., Jones, K.M.L., Perry, M., Robertshaw, M.B., & Salo, D. (November, 2018). *ACRL Spec Kit: Learning Analytics and Related Ethical, Policy, and Practical Issues.* Association of Research Libraries: Washington, D.C.

Note: to share equal authorship, the authors are listed alphabetically.

Robertshaw, M. B., Willi Hooper, M., & Goergen-Doll, K. (2017). Finding the silver lining... in the serials budget crisis. Against the Grain.

Stonebraker, I., Robertshaw, M.B., Moss, J.D. (2016). *Student See Versus Student Do: Comparing Student Performance in Two Types of Online Tutorials*. Tech Trends.

Robertshaw, M.B. & Campbell, T. (2013). Constructing arguments: Investigating pre-service science teachers' argumentation skills in a socio-scientific context. *Science Education International.*

Walker, A., Recker M., Robertshaw, M.B., Olsen, J., Leary, H. (2011). Integrating technology and problem-based learning: A mixed methods study of two teacher professional development approaches. *International Journal of Problem-Based Learning 5(2).*

Robertshaw, M.B., Walker, A., Recker, M., Leary, H., & Sellers, L. (2010). Experiences in the Field: The evolution of a technology-oriented teacher professional development model. In *New Science of Learning: Computers, Cognition and Collaboration in Education,* Myint Swe Khine and Issa M. Saleh, Eds. New York: Springer

Selected Presentations

Goben, A., Briney, K., & Robertshaw, M.B. (2018, June*). Libraries and learning analytics: Identifying the issues*. Program to be presented at the American Library Association Annual Conference, New Orleans, LA, USA.

Robertshaw, M.B. (May, 2017). *Shiny Happy Assessment.* Invited presentation at the Information Literacy Advisory Group of Oregon Annual Meeting. Vancouver, WA.

Robertshaw, M.B., Willi Hooper, M., Goergen-Doll, K. (June, 2017). *Finding the silver lining… in the serials budget crisis.* Paper presented at the Evidenced Based Library & Information Practice Conference, Philadelphia, Pa., USA.

Robertshaw, M.B. & Awadh, M. (2012) *Inquiry based learning and science education.* Presentation to science faculty at Alqadsia Mixed Elementary and Secondary School, Safut, Amman, Jordan. (Invited Presentation)

Robertshaw, M.B. & Campbell, T. (2012, April). *Talking science in the wild: Investigating pre-service science educators' argumentation skills in a socio-scientific context.* Paper presented at the American Educational Research Association Conference, Vancouver, BC, Canada.

Robertshaw, M.B. (2010, October). *Teacher professional development: Describing teacher technological pedagogical content knowledge through the use of a rubric.* Paper presented at the Association for Educational Communications and Technology Conference, Anaheim, Ca.

Grants

April 2018

Institute of Museum & Library Services: Getting to know their data doubles: An inquiry into student perceptions of privacy issues associated with academic library participation in learning analytics.
PI: Kyle M.L. Jones, PI (Indiana University-Indianapolis); Research Team: Andrew Asher (Indiana University), Kristen Briney (University of Wisconsin-Milwaukee), Abigail Goben (University of Illinois-Chicago), Michael Perry (Northwestern University), M. Brooke Robertshaw (Oregon State University), Dorthea Salo (University of Wisconsin-Madison)
Awarded: $514,000

2016

Robert Lundeen Library Faculty Development Award: Grant written to support the Ithaka Agricultural Research Study.
Awarded: $1200

2014

"In the Service of Problems and Gardens": Grant written and submitted to the US Department of Education Teaching Excellence Achievement Program that will provide teaching professional development to teachers in Safut, Al Balqa Governorate, Jordan. Written with Mai Adnan Deeb Awadh of Safut, Jordan.
Awarded: $2500 to build a garden and deliver a professional development workshop

Teaching

SED 612, Spring (quarter) 2018: Quantitative Methods and Critical Analysis: A required course for graduate students in the College of Education at Oregon State University. This course includes a survey of basic statistics and quantitative methodologies. Students also learn the basics of SPSS and they also begin to develop skills to be able to critique quantitative methodologies. During the course students develop a quantitative research proposal that is tied to a subject within their field of interest.

SPSS Basics & SPSS Intermediate: A two-workshop series on the use of SPSS (Statistical Program for the Social Sciences) for graduate students and faculty at Oregon State University.

Selected Service & Memberships

- **July 2017 – June 2019:** Member, Association of College and Research Libraries Value of Academic Libraries Committee
- **January 2018-Present:** Member, American Library Association Library Research Round Table
- **July 2016 – Present:** Member, Oregon Library Association Legislative Committee
- **August 2017 – May 2018**: Member, Oregon Library Association 2018 Conference Committee, Printed Program Chair
- **December 2017 – Present:** Member, Oregon State University Institutional Analytics Network