

# K. Bret Staudt Willet

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## Education

*Michigan State University, College of Education*

PhD Educational Psychology & Educational Technology

2016-present

MA Educational Technology

2012-2015

*Bucknell University, College of Arts & Sciences*

BA Mathematics & Sociology

1999-2003

## Further Training

*Doctoral Colloquium*

2018

Association of Internet Researchers (AoIR)

Montreal QC

*Methods for Analyzing and Modeling Textual Data*

2018

Summer School Series on Methods for Computational Social Science

Los Angeles CA

*Getting and Cleaning Data*

2018

Certificate – Johns Hopkins University

Coursera.org

*The Data Scientist's Toolbox*

2018

Certificate – Johns Hopkins University

Coursera.org

*R Programming*

2017

Certificate – Johns Hopkins University

Coursera.org

*Serious Game Design and Research*

2014

Graduate Certificate – MSU College of Communication Arts & Sciences

East Lansing MI

*Game Design and Facilitation*

2012

Workshop Certificate – The Thiagi Group at NASAGA

Columbus OH

## Publications

### *Peer-Reviewed Journal Articles*

Greenhalgh, S. P., **Staudt Willet**, K. B., Rosenberg, J. M., & Koehler, M. J. (2018). Tweet, and we shall find: Using digital methods to locate participants in educational hashtags. *TechTrends*. Retrieved from <https://doi.org/10.1007/s11528-018-0313-6>

Greenhow, C. M., Gleason, B., Marich, H., & **Staudt Willet**, K. B. (2017). Educating social scholars: Examining novice researchers' practices with social media. *Qwerty – Open and Interdisciplinary Journal of Technology, Culture and Education*, 12(2), 30-45. Retrieved from <http://www.ckbg.org/qwerty/index.php/qwerty/article/view/269>

### *Book Chapters*

**Staudt Willet**, K. B., Koehler, M. J., & Greenhalgh, S. P. (2018). A tweet by any other frame: Three approaches to studying educator interactions on Twitter. In T. J. Bastiaens & G. Marks (Eds.), *Education and Information Technology Annual 2018: A Selection of AACE Award Papers* (pp. 67-74). Association for the

Advancement of Computing in Education (AACE). Retrieved from <http://learntechlib.org/p/182952/> [Invited reprint of conference presentation in edited book]

**Staudt Willet, K. B., Koehler, M.J., & Greenhalgh, S.P.** (2017). A tweet by any other frame: Comparing three theoretical frameworks for studying educator interactions on Twitter. In L. Liu & D. Gibson (Eds.), *Research highlights in technology and teacher education 2017* (pp. 63-70). Waynesville, NC: Association for the Advancement of Computing in Education (AACE). Retrieved from <http://www.learntechlib.org/p/180960/> [Invited reprint of conference presentation in edited book]

#### *Peer-Reviewed Conference Proceedings*

**Staudt Willet, K. B., & Willet, B. D.** (2018, October). *Look who's talking: Using human coding to establish a machine learning approach to Twitter education chats*. Paper to be presented at the Association of Internet Researchers (AoIR) Annual Conference 2018, Montreal, Quebec, Canada.

**Staudt Willet, K. B., & Reimer, P. N.** (2018, March). The career you save may be your own: Exploring the mathtwitterblogosphere as a community of practice. In E. Langran & J. Borup (Eds.), *Proceedings of Society for Information Technology & Teacher Education (SITE) International Conference 2018* (pp. 2324-2329). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

**Staudt Willet, K. B., Moudgalya, S., Boltz, L. O., Greenhalgh, S. P., & Koehler, M. J.** (2018, March). Back to the gaming board: Understanding games and education through board game reviews. In E. Langran & J. Borup (Eds.), *Proceedings of Society for Information Technology & Teacher Education (SITE) International Conference 2018* (pp. 495-503). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

Greenhow, C., Marich, H., & **Staudt Willet, K. B.** (2017, March). Social scholars: Re-envisioning graduate education in the age of social media. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education (SITE) International Conference 2017* (pp. 856-861). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Rosenberg, J., Akcaoglu, M., **Staudt Willet, K. B., Greenhalgh, S., & Koehler, M.** (2017, March). A tale of two Twitters: Synchronous and asynchronous use of the same hashtag. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education (SITE) International Conference 2017* (pp. 283-286). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

**Staudt Willet, K. B., Koehler, M. J., & Greenhalgh, S. P.** (2017, March). A tweet by any other frame: Three approaches to studying educator interactions on Twitter. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education (SITE) International Conference 2017* (pp. 1823-1830). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

#### *Peer-Reviewed Conference Presentations*

**Staudt Willet, K. B.** (2018, October). Mixed methods social network analysis for understanding teacher participation and learning in digital spaces. *Research in Text Mining, Social Network Analysis, Learning Analytics, & Adaptive Learning*. Graduate student panel discussion hosted by the International Council for Educational Media (ICEM), at the Association for Educational Communications and Technology (AECT) International Convention 2018. Kansas City, MO.

**Staudt Willet, K. B.** (2018, October). *Cyborg methods: The benefits of mixing human and machine coding*. Paper to be presented at the Association for Educational Communications and Technology (AECT) International Convention 2018. Kansas City, MO.

**Staudt Willet, K. B.** (2018, October). *Self-promoters, bots, and moderators: Exploring educators' participatory actions, roles, and culture in Twitter #Edchat*. Paper to be presented at the Association for Educational Communications and Technology (AECT) International Convention 2018. Kansas City, MO.

**Staudt Willet, K. B., Greenhalgh, S. P., Rosenberg, J. M., Koehler, M. J.** (2018, October). *Won't you be my neighbor? How education stakeholders use hyperlinks to build information neighborhoods on Twitter*. Paper to

be presented at the Association for Educational Communications and Technology (AECT) International Convention 2018. Kansas City, MO.

Greenhalgh, S. P., **Staudt Willet**, K. B., Rosenberg, J. M., Akcaoglu, M., & Koehler, M. J. (2018, April). *Timing is everything: Comparing synchronous and asynchronous modes of Twitter for teacher professional learning*. Paper presented at the American Educational Research Association (AERA) Annual Meeting 2018. New York, NY.

Greenhow, C. M., Brandon, D. L., Greenhalgh, S. P., Koehler, M. J., **Staudt Willet**, K. B., & Li, J. (2018, April). *Tweeting toward the PhD: Exploring new scholars' practices with social media*. Paper presented at the American Educational Research Association (AERA) Annual Meeting 2018. New York, NY.

Greenhalgh, S. P., **Staudt Willet**, K. B., Rosenberg, J. M., & Koehler, M. J. (2017, November). *No accounting for theory? The case for an affinity space approach to educational hashtag research*. Paper presented at the Association for Educational Communications and Technology (AECT) International Convention 2017. Jacksonville, FL.

**Staudt Willet**, K. B. (2017, August). *When a little blue bird flaps its wings: How Twitter is changing the world*. Paper presented at Passion Talks Conference 2017. Google Headquarters, Mountain View, CA.

**Staudt Willet**, K. B. (2016, August). *The strength of the weak ties*. Paper presented at Passion Talks Conference 2016. Google Headquarters, Mountain View, CA.

**Staudt Willet**, K. B. (2014, October). *My journey into user-centered game design*. Paper presented at North American Simulation and Game Association (NASAGA) International Conference 2014. Baltimore, MD.

**Staudt Willet**, K. B. (2013, October). *Tension: My favorite game mechanic*. Paper presented at North American Simulation and Game Association (NASAGA) International Conference 2013. Sarasota, FL.

**Willet**, K. B. (2001, February). *The shortest closed path on an arithmetic surface*. Paper presented at Moravian College Student Mathematics Conference 2001. Bethlehem, PA.

#### *Invited Talks*

**Staudt Willet**, K. B. (2017, November). *Once more unto the practicum, dear friends: Research lessons from studying social interactions on social media*. Talk for EPET program brownbag seminar at Michigan State University: East Lansing, MI.

**Staudt Willet**, K. B. (2016, August). *How did we get here?* Keynote address at Passion Talks Conference 2016. Fremont, CA.

**Staudt Willet**, K. B. (2015, September). *Patterns of online communities*. Webinar presented for Indigitous Sessions. Online.

**Staudt Willet**, K. B. (2014, March). *What games say*. Guest lecture for an undergraduate course in Film & Media at Millersville University: Millersville, PA.

## **Awards & Funding**

Summer Research Renewable Fellowship - \$6,000/year x 2 years	2018-2019
Michigan State University, College of Education	East Lansing MI

Outstanding Paper Award	2017
SITE International Conference	Austin TX

Best Existing Film	2014
Code for the Kingdom Hackathon	Austin TX

Presidential Fellowship - \$20,000/year x 3 years	2000-2003
Bucknell University	Lewisburg PA

## Service

### *Ad-hoc Journal Article Reviews*

Learning, Media and Technology (with Dr. Christine Greenhow, faculty reviewer) 2016

### *Service to Department*

Practicum Committee Member, Sarah Galvin, Michigan State University 2018

### *Service to Profession*

Association for Educational Communications & Technology (AECT)  
Graduate Student Representative, Research & Theory Division 2018-2019

American Educational Research Association (AERA)  
Session Presider/Chair, Annual Meeting (New York NY) 2018

Society for Information Technology and Teacher Education (SITE)  
Graduate Student Intern, Social Media SIG 2018-2019  
Session Presider/Chair, International Conference (Washington DC) 2018

Passion Talks Conference (Google HQ, Mountain View CA)  
Science, Technology, & Innovation Track Chair 2017  
Conference Executive Committee Member 2017  
Conference Program Committee Member 2017

Urbana International Conference (St. Louis MO)  
Hackathon Core Leadership Team Member 2015  
Hackathon Mentor Coordinator 2015

North American Simulation and Game Association (NASAGA)  
Board Member 2013-2015  
Conference Committee Member, Annual Conference (Seattle WA) 2015  
Conference Committee Member, Annual Conference (Baltimore MD) 2014

### *Consulting*

Social Network Analysis, Katie Schenkel, Michigan State University 2018  
Content Analysis for Doctoral Dissertation, Colin Terry, Michigan State University 2018

## Professional Experience

Co-Founder 2018-present  
Birch Wayfinders, LLC Remote  
\* Consulted with Nautilus Trackers, LLC on building machine learning into a hybrid training model

Graduate Assistant/Instructor 2017-present  
Michigan State University, College of Education East Lansing MI  
Department of Counseling, Educational Psychology, & Special Education  
\* Taught CEP 416 - Teaching & Learning with Technology (Undergraduate)  
\* Taught CEP 813 - Electronic Assessment (Master's)  
\* Taught CEP 817 - Learning Technology through Design (Master's)  
\* Taught CEP 820 - Teaching Students Online (Master's)

Founding National Director – Ministry in Digital Spaces 2014-2017  
InterVarsity Christian Fellowship/USA United States

- \* Grew core staff team from 1 to 12
- \* Oversaw 51 projects related to online community building
- \* Supervised 8 project leads
- \* Hosted and directed 5 think tank gatherings (Atlanta, Austin, San Francisco)
- \* Managed annual budget of \$500k
- \* Raised over \$100k annually from individual donors

*Area Director*

InterVarsity Christian Fellowship/USA

2009-2014  
South Central Pennsylvania

- \* Supervised 17 different staff
- \* Directed 11 conferences for students from 7 colleges
- \* Delivered more than 100 talks at 13 different colleges and 8 inter-collegiate conferences
- \* Designed, developed, and facilitated 3 board/card games for training staff and students
- \* Developed and facilitated 30 training seminars for staff and students
- \* Raised over \$100k annually from individual donors

*Associate Area Director*

InterVarsity Christian Fellowship/USA

2009-2014  
South Central Pennsylvania

- \* Supervised 1 staff
- \* Trained 4 interns
- \* Raised over \$100k annually from individual donors

*Chapter Planter* – Lebanon Valley College; Millersville University; Penn State Harrisburg

InterVarsity Christian Fellowship/USA

2007-2009  
South Central Pennsylvania

- \* Started chapters at 3 college campuses

*Director* – Summer Urban Program

InterVarsity Christian Fellowship/USA

2006; 2009-2012  
Lancaster PA

- \* Designed and facilitated five 6-week immersive learning programs for undergraduate students
- \* Received training in Mexico City, Mexico

*Director* – Summer Global Program

InterVarsity Christian Fellowship/USA

2005  
Manila, Philippines

- \* Designed and facilitated a 6-week immersive, experiential learning program for undergraduate students
- \* Received training in Addis Ababa, Ethiopia

*Campus Staff Member* – Franklin & Marshall College

InterVarsity Christian Fellowship/USA

2003-2007  
Lancaster PA

- \* Trained, coached, and supported more than 50 different undergraduate student volunteer leaders
- \* Participated in a National Chapter Building Cohort (2006–2007)
- \* Apprenticed under international students to learn to cook food from Taiwan, China, Thailand, Japan, India, Nigeria, and Ghana
- \* Raised over \$50k annually from individual donors

*Research Assistant* – Department of Sociology

Bucknell University, College of Arts & Sciences

2002-2003  
Lewisburg PA

- \* Reviewed literature in social psychology and situational identity

*Research Assistant* – Department of Mathematics

Bucknell University, College of Arts & Sciences

2000-2002  
Lewisburg PA

- \* Assisted with research in L-functions and Maass form deformations

*Summer Research Experience for Undergraduates (REU)* – Department of Mathematics

Bucknell University, College of Arts & Sciences

2000  
Lewisburg PA

- \* Assisted with research in L-functions and Maass form deformations

*Calculus Tutor* – Department of Mathematics

Bucknell University, College of Arts & Sciences

1999-2000  
Lewisburg PA

## **Professional Affiliations**

Association for Educational Communications & Technology (AECT)  
*Research & Theory Division*

American Educational Research Association (AERA)

*Division K – Teaching and Teacher Education*

*Computer and Internet Applications in Education (CIAE) SIG*

*Technology as an Agent of Change in Teaching & Learning (TACTL) SIG*

Association of Internet Researchers (AoIR)

Society for Information Technology and Teacher Education (SITE)

*Social Media SIG*

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