## Spencer P. Greenhalgh Curriculum Vitae

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### **EDUCATION**

2018	PhD	Michigan State University	Educational Psychology and Educational Technology
		dissertation:	Spaces and Their Social Frontiers: Using Community Dimensions to Distinguish between Teacher- Focused Hashtags on Twitter
		committee:	Matthew J. Koehler, Christine Greenhow, Wietske Van Osch, Cary J. Roseth
2012	BA	Brigham Young University	French Teaching
ADDITIONAL QUALIFICATIONS			
2018	MSU (	College of Arts and Letters	Digital Humanities Graduate Certificate
2016	MSU (	College of Comm. Arts and Sciences	Serious Games Graduate Certificate
2012	BYU Center for Language Studies		Professional Level French Language Certificate
			ACTFL Oral Proficiency: Superior
			ACTFL Written Proficiency: Advanced High
PROFESSIONAL APPOINTMENTS			
2018-present	Assista	ant Professor	School of Information Science, University of Kentucky

### **AWARDS AND FELLOWSHIPS**

College of Communication and Information, University of Kentucky

2018-present Associate Graduate Faculty

2013-2018	Dean's Scholar Award	MSU College of Education
2017-2018	Alumni Fellowship	MSU College of Education
2017	Best Paper Award	SITE International Conference
2014-2016	French Language Fellow	MSU Residential College in the Arts and Humanities
2016	Cross-Cultural Research Award	Association for Educational Communications & Technology / Korean Society for Educational Technology
2016	Digital Humanities Program Funding	MSU College of Arts and Letters
2016	Best Paper Award	SITE International Conference

#### **PUBLICATIONS**

#### **Peer-Reviewed Journal Articles**

- **Greenhalgh**, S. P., Staudt Willet, B. K., Rosenberg, J. M., & Koehler, M. J. (2018). Tweet, and we shall find: Using digital methods to locate participants in educational hashtags. *TechTrends*. <a href="https://doi.org/10.1007/s11528-018-0313-6">https://doi.org/10.1007/s11528-018-0313-6</a>
- Rosenberg, J. M., **Greenhalgh**, S. P., Wolf, L. G., & Koehler, M. J. (2017). Strategies, use, and impact of social media for supporting teacher community within professional development: The case of one urban STEM program. *Journal of Computers in Mathematics and Science Teaching*, 36, 255-267.
- Koehler, M. J., Arnold, B. J., **Greenhalgh**, S. P., & Boltz, L. O. (2017). A taxonomy approach to studying how gamers review games. *Simulation & Gaming*, 48, 363-380. <a href="https://doi.org/10.1177/1046878117703680">https://doi.org/10.1177/1046878117703680</a>
- **Greenhalgh**, S. P., Koehler, M. J. (2017). 28 days later: Twitter hashtags as "just in time" teacher professional development. *TechTrends*, 61, 273–281. <a href="https://doi.org/10.1007/s11528-016-0142-4">https://doi.org/10.1007/s11528-016-0142-4</a>
- Koehler, M. J., **Greenhalgh**, S. P., Rosenberg, J. M., & Keenan, S. F. (2017). What the tech is going on with teachers' digital teaching portfolios? Using the TPACK framework to analyze teachers' technological understanding. *Journal of Technology and Teacher Education*, 25, 31-59.
- **Greenhalgh**, S. P., Rosenberg, J. M., & Wolf, L. G. (2016). For all intents and purposes: Twitter as a foundational technology for teachers. *E-Learning and Digital Media*, *13*, 81-98. <a href="https://doi.org/10.1177/2042753016672131">https://doi.org/10.1177/2042753016672131</a>
- Rosenberg, J. M., **Greenhalgh**, S. P., Koehler, M. J., Hamilton, E., & Akcaoglu, M., (2016). An investigation of State Educational Twitter Hashtags (SETHs) as affinity spaces. *E-Learning and Digital Media*, *13*, 24-44. <a href="https://doi.org/10.1177/2042753016672351">https://doi.org/10.1177/2042753016672351</a>

#### **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). [*Invited reprint of conference proceedings in edited book*]
- Smith, J. P., & **Greenhalgh**, S. P. (2017). The role of (real) thinking in education: Why Dewey still raises the bar on educators. In L. J. Waks & A. R. English (Eds.), *John Dewey's* Democracy and Education: *A centennial handbook* (pp. 99-107). New York, NY: Cambridge University Press.
- 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. C. Gibson (Eds.), *Research highlights in technology and teacher education 2017* (pp. 63-70). Waynesville, NC: Association for the Advancement of Computing in Education (AACE). [*Invited reprint of conference proceedings in edited book*]
- Greenhalgh, S. P., Koehler, M. J., Boltz, L. O. (2016). What we like when we like educational games: Examining the effect of design features on player enjoyment. In L. Liu & D. C. Gibson (Eds.), Research highlights in technology and teacher education 2016 (pp. 95-102). Waynesville, NC: Association for the Advancement of Computing in Education (AACE). [Invited reprint of conference proceedings in edited book]
- Keenan, S., Rosenberg, J. M., **Greenhalgh**, S. P., & Koehler, M. J. (2016). Examining teachers' technology use through digital portfolios. In L. Liu & D. C. Gibson (Eds.), *Research highlights in technology and teacher education 2016* (pp. 197-204). Waynesville, NC: Association for the Advancement of Computing in Education (AACE). [*Invited reprint of conference proceedings in edited book*]
- **Greenhalgh**, S. P. (2016). Affordances and constraints of analog games for ethics education: Dilemmas and dragons. In K. D. Valentine & L. J. Jensen (Eds.), *Examining the evolution of gaming and its impact on social*, *cultural*, *and political perspectives*. Hershey, PA: IGI Global
- **Greenhalgh**, S. P., & Koehler, M. J. (2015). "Pretty good practices" for the design of teacher portfolio courses. In M. L. Niess & H. Gillow-Wiles (Eds.), *Handbook of research on teacher education in the digital age* (pp. 256-280). Hershey, PA: IGI Global.
- Rosenberg, J. M., **Greenhalgh**, S. P., & Koehler, M. J. (2015). A performance assessment of teachers' TPACK using artifacts from digital portfolios. In L. Liu & D. C. Gibson (Eds.), *Research highlights in technology and teacher education 2015* (pp. 189-196). Waynesville, NC: Association for the Advancement of Computing in Education (AACE). [*Invited reprint of conference proceedings in edited book*]

### **Peer-Reviewed Conference Proceedings**

Dousay, T. A., Asino, T., Luo, T., Krutka, D. G., **Greenhalgh**, S., Rodesiler, L, & Walster, D. (2018). Social media & teacher professional development. In E. Langran & J. Borup, *Proceedings of Society for Information Technology and Teacher Education International Conference 2018* (pp. 2251-2255). 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). Back to the gaming board: Understanding games and education through board game reviews. *Proceedings of Society for Information Technology and Teacher Education International Conference 2018* (pp. 495-503). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Greenhalgh, S. P., Rosenberg, J. M., & Koehler, M. J. (2017, March). Avoiding madness in our methods: Considerations for Twitter research in teacher education. In P. Resta & S. Smith (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference 2017 (pp. 1558-1561). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- **Greenhalgh**, S. P., & Koehler, M. J. (2017, March). Tweeting in the time of terrorism: Who participates in a French hashtag-based affinity space, where, and how? In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2017 (pp. 614-619). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Rosenberg, J. M., Akcaoglu, M., Staudt Willet, K. B., **Greenhalgh**, S. P., & Koehler, M. J. (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 International Conference 2017* (pp. 283-286). Waynesville, NC: 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 International Conference* 2017 (pp. 1823-1830). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Willis, J., Greenhalgh, S. P., Nadolny, L., Liu, S., Aldemir, T., Rogers, S., Trevathan, M., ... and Oliver, W. (2017, March). Exploring the rules of the game: Games in the classroom, game-based learning, gamification, and simulations. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2017 (pp. 475-480). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Arnold, B., Koehler, M., & Greenhalgh, S. P. (2016, March). Design principles for creating and maintaining immersive experiences in educational games. In G. Chamblee & L. Langlub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2016 (pp. 502-508). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- **Greenhalgh**, S. P., Koehler, M. J., & Boltz, L. O. (2016, March). What features we like when we like educational games. In G. Chamblee & L. Langlub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 554-561). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

- Greenhalgh, S. P., Rosenberg, J. M., & Wolf, L. G. (2016, March). For every tweet there is a purpose: Twitter within (and beyond) an online graduate program. In G. Chamblee & L. Langlub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2016 (pp. 2044-2049). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Keenan, S. F., Rosenberg, J. M., **Greenhalgh**, S. P., & Koehler, M. J. (2016, March). Examining teachers' technology use through digital portfolios. In G. Chamblee & L. Langlub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2016 (pp. 1084-1091). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Koehler, M. J., **Greenhalgh**, S. P., & Boltz, L. O. (2016, March). Here we are, now entertain us! A comparison of educational and non-educational board games. In G. Chamblee & L. Langlub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2016 (pp. 567-572). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Rosenberg, J. M., Koehler, M. J., Akcaoglu, M., Greenhalgh, S. P., & Hamilton, E. R. (2016, March). State Educational Twitter Hashtags: An introduction and research agenda. In G. Chamblee & L. Langlub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 355-360). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).
- Boltz, L. O., Arnold, B. & **Greenhalgh**, S. (2015). Players, features, and enjoyment: Entertainment games as models for educational games. In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 822-829). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Koehler, M., **Greenhalgh**, S. P., & Zellner, A. (2015). Potential applications of sentiment analysis in educational research and practice Is SITE the friendliest conference? In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* 2015 (pp. 1348-1354). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Rosenberg, J., **Greenhalgh**, S. P., & Koehler, M. (2015). A performance assessment of teachers' TPACK using artifacts from digital portfolios. In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 3390-3397). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Greenhalgh, S. P., Rosenberg, J. M., Zellner, A., & Koehler, M. J. (2014, March). Zen and the art of portfolio maintenance: Best practices in course design for supporting long-lasting portfolios. In M. Searson & M. N. Ochoa (Eds.), *Proceedings of the Society for Information Technology & Teacher Education International Conference 2014* (pp. 1755–1761). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

#### **Peer-Reviewed Conference Presentations**

- 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 presented at the meeting of the Association for Educational Communications and Technology International Convention, 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., Rosenberg, J. M., & Koehler, M. J. (2017, November). *Hide and go tweet: Comparing methods for locating educational hashtag participants*. Paper presented at the meeting of the Association for Educational Communications and Technology International Convention, Jacksonville, FL.
- **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 International Convention, Jacksonville, FL.
- **Greenhalgh**, S. P., Rosenberg, J. M., & Koehler, M. J. (2017, May). Combining data sets and methods to explore equity in teacher professional development. In D. G. Krutka (Chair), *Data*, *Big and Small*. Symposium conducted at the meeting of the American Educational Research Association, San Antonio, TX.
- **Greenhalgh**, S. P. (2016, October). *Some of these games are not like the others: Educational board games, genres, and learning*. Paper presented at the meeting of the Association for Educational Communications and Technology International Convention, Las Vegas, NV.
- **Greenhalgh**, S. P., & Koehler, M. J. (2016, October). *Teachers, Twitter, and terrorism: Combining digital research methods to study online educational conversations in France*. Paper presented at the meeting of the Association for Educational Communications and Technology International Convention, Las Vegas, NV.
- Nyland, R., **Greenhalgh**, S. P., Rosenberg, J. M., Koehler, M. J., Veletsianos, G., & Kimmons, R. (2016, October). *Public data mining methods, ethics, & legalities*. Panel presented at the meeting of the Association for Educational Communications and Technology International Convention, Las Vegas, NV.
- Rosenberg, J. M., **Greenhalgh**, S. P., & Wolf, L. G. (2016, October). *Participating from near and far: Analyzing online graduate learning communities with social network analysis*. Paper presented at the meeting of the Association for Educational Communications and Technology International Convention, Las Vegas, NV.

- **Greenhalgh**, S. P. (2016, April). Exploring the effect of second language proficiency on students' completion of other game-based curricular tasks. Paper presented at the meeting of the American Educational Research Association, Washington, D.C.
- **Greenhalgh**, S. P., Rosenberg, J. M., Keenan, S., & Koehler, M. J. (2015, November). *An investigation of the use of digital portfolios for understanding educators' technology knowledge*. Paper presented at the Association for Educational Communications and Technology International Convention, Indianapolis, IN.
- Rosenberg, J. M., Akcaoglu, M., Hamilton, E., **Greenhalgh**, S. P., & Koehler, M. J. (2015, November). *Tweeting U.S.A.: An examination of State Educational Twitter Hashtags (SETHs)*. Paper presented at the Association for Educational Communications and Technology International Convention, Indianapolis, IN.
- **Greenhalgh**, S. P., Boltz, L. O., & Koehler, M. J. (2014, October). What's in an (educational) game? Ub3r mechanics and 1337 motifs! Paper presented at the Meaningful Play conference, East Lansing, MI.
- Koehler, M. J., Rosenberg, J. M., **Greenhalgh**, S. P., Zellner, A., & Mishra, P. (2014, March). Can portfolio-based assessments demonstrate teachers' TPACK? In J. Voogt (Chair), *Artifacts demonstrating teachers' technology integration competencies*. Symposium conducted at the meeting of the Society for Information Technology and Teacher Education, Jacksonville, FL.

#### RESEARCH FUNDING

Claremont Graduate University Global Mormon Studies Research Grant (\$500)

Every Nation, Kindred, Tongue, and "Tweeple": International Use of the #ldsconf and #twitterstake Twitter Hashtags

## PI: Spencer Greenhalgh

Herman and Rasiej Math Initiative at the University of Southern California (\$8,820)

Exploring how Beginning Elementary Mathematics Teachers Seek out Resources through Social Media

PI: Stephen Aguilar (University of Southern Califronia); Co-PIs: Joshua Rosenberg (University of Tennessee—Knoxville), Christian Fischer (University of California—Irvine), **Spencer Greenhalgh**; Co-I: Michael Lawson (University of Tennessee—Knoxville)

#### **INVITED TALKS**

- **Greenhalgh**, S. P. (2018, November). *Social media affinity spaces and teacher professional development*, guest lecture for EDLT 534: Developing Educational Leaders Using Technology at Drexel University.
- **Greenhalgh**, S. P. (2018, October). *Social media research methods*, guest lecture for ICT 310: Exploring and Analyzing ICTs: Methodological Approaches at the University of Kentucky.
- Krutka, D., Gleason, B., Carpenter, J. P., Dousay, T. A., & **Greenhalgh**, S. P. (2018, February). *Social media in education*, webinar for the Social Media Special Interest Group of the Society of Information Technology and Teacher Education.

- **Greenhalgh**, S. P. (2017, July). *Copyright, fair use, and Creative Commons*, guest lecture for Michigan State University's Master of Arts in Educational Technology Year 1 Summer hybrid program.
- **Greenhalgh**, S. P. (2017, January). 28 days later: Twitter hashtags as "just in time" teacher professional development, prospective student day talk for Michigan State University's Educational Psychology and Educational Technology PhD program.
- **Greenhalgh**, S. P. (2016, November). *A brief introduction to topic modeling*, workshop for Michigan State University's digital humanities program.
- **Greenhalgh**, S. P. (2016, July). *Copyright, fair use, and Creative Commons*, guest lecture for Michigan State University's Master of Arts in Educational Technology Year 1 Summer hybrid program.
- **Greenhalgh**, S. P. (2016, April). *State Educational Twitter Hashtags as affinity spaces*, brownbag talk for Michigan State University's Educational Psychology and Educational Technology PhD program.
- Kwong, J., **Greenhalgh**, S. P., & Hartman, D. K. (2015, May). *The child, the curriculum, and computer games: The digital gamification of education in the U.S.* Keynote address at the 1st International Congress of the Turkic World Children's Games and Toys, Eskişehir University, Eskişehir, Turkey.
- **Greenhalgh**, S. P., Kwong, J., & Hartman, D. K. (2015, May). *The gamification of teaching and learning in U.S. schools: Concepts, practices, designs, and technologies*. Keynote address at the 14th USOS Symposium, Bartin University, Bartin, Turkey.
- **Greenhalgh**, S. P. (2013, April). *Best practices in course design for supporting long-lasting portfolios*, brownbag talk for Michigan State University's Educational Psychology and Educational Technology PhD program.

#### **TEACHING**

2018-present	Faculty, UK Information and Communication Technology BA/BS program - Information Literacy and Critical Thinking
2013-2018	Instructor, MSU Educational Technology MA program  - Educational Technology Capstone Course  - Electronic Assessment for Teaching and Learning  - Technology and Leadership  - Teaching for Understanding with Technology  - Applying Educational Technology to Issues of Practice  - Learning in School and Other Settings  - Approaches to Educational Research  - Teaching Students Online
2017	Teaching Assistant, MSU Educational Psychology and Educational Technology PhD program - Introduction to Qualitative Methods in Educational Research
2014-2016	Language Fellow, MSU Residential College in the Arts and Humanities - French Integrated Language Option
2011-2012	Student Instructor, BYU Department of French and Italian - First-Year French, Part 2

## **SERVICE**

## **Service to Profession**

2016-2017	Co-chair, Games and Simulations special interest group (SIG), Society for Information
	Technology and Teacher Education International Conference
2015-2016	Communications Deputy, Division C, American Educational Research Association

## Reviewing

2018-present TechTrends

# **Ad-hoc Reviewing**

2016-2018	E-Learning and Digital Media
2016, 2018	TechTrends
2018	Association of Internet Researchers Conference
2018	Association for Educational Communications and Technology Conference
2016-2017	Society for Information Technology and Teacher Education International Conference
2015	Edited book: Examining the evolution of gaming

# **Departmental Service**

2016-2018	Member of three practicum committees for junior PhD students, Educational Psychology and Educational Technology program, Michigan State University
2016-2017	Member of faculty search committee for Educational Psychology and Educational Technology program, Michigan State University
2015-2016	Co-coordinator, MAET Bridge webinar series, Michigan State University
2015	Member of staff hiring committee for MA in Educational Technology program, Michigan State University
2014-2015	Member of Social Media Council for the Educational Psychology and Educational Technology program, Michigan State University
2014-2015	Editor, Ideaplay student blog, Michigan State University
2014	Assistant Editor, Ideaplay student blog, Michigan State University
2014	Invited Host and Invited Guest, <i>MAET Bridge</i> webinar series, Michigan State University

# **Mentoring and Advising**

2018	directed research advisor, Cynthia Nnagboro	
2016-2018	member of three practicum committees for junior PhD students, Educatio	
Psychology and Educational Technology program, Michigan State		

## **Workshops and Outreach**

- **Greenhalgh**, S. P. (2016, March). *Making your own educational games with Twine*, Michigan Association for Computer Users in Learning conference, Grand Rapids, MI.
- **Greenhalgh**, S. P. (2016, February). *Practicing teaching using games*, Workshop for visiting Indonesian teacher educators at Michigan State University.
- **Greenhalgh**, S. P. (2015, October). *Gaming in the classroom*, professional development session at Ruth Fox Elementary School
- **Greenhalgh**, S. P., Rosenberg, J. M., & Mehta, R. (2015, May). *Online presence for graduate students: An introduction*. BHEARD Scholar Conference, East Lansing, MI.

### ADDITIONAL TRAINING

2018	Association for Educational	Early Career Research Symposium
	Communications and Technology	
2018	University of Kentucky	Unconscious Bias Training
2016	Humanities Intensive Teaching and Learning	Text Analysis: From Object to
		Interpretation

#### PROFESSIONAL AFFILIATIONS

Association for Educational Communications and Technology

Society for Information Technology and Teacher Education