

## KATIE HEADRICK TAYLOR

Assistant Professor  
University of Washington  
College of Education, Learning Sciences & Human Development Program  
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### RESEARCH INTERESTS

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Ethnographic and design-based studies of learning environments; technological re-mediation of teaching and learning; interactional, multi-modal, and historical analyses; embodied cognition and embodiment; spatial justice and educational equity; digital and locative literacies; STEAM curricular designs for place-conscious education.

### EDUCATION

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- Ph.D. in Learning, Teaching and Diversity** 2013  
Committee: Rogers Hall, Co-chair, Kevin Leander, Co-chair, Barbara Stengel, Steve Wernke  
Dissertation: *Counter-mapping the Neighborhood: A Social Design Experiment for Spatial Justice*  
Vanderbilt University, Nashville, Tennessee, USA
- B.A. in Metropolitan Studies** 2003  
New York University, New York, New York, USA  
Magna Cum Laude

### PROFESSIONAL EXPERIENCE

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- Assistant Professor, Learning Sciences & Human Development Program** March 2015 - Present  
University of Washington, College of Education  
Seattle, WA
- Postdoctoral Research Fellow, School of Education & Social Policy** 2013 - 2015  
Northwestern University  
Evanston, IL
- Graduate Research & Teaching Assistant** 2007 - 2013  
Vanderbilt University  
Nashville, TN
- Science and Social Studies Educator** 2005 - 2007  
Oasis Center Residential Shelter for Homeless Youth  
Nashville, TN
- English Language Teacher** 2003 - 2005  
Daimon High School  
Fukuyama-shi, Japan

### PUBLICATIONS

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## Refereed journal articles

- Taylor, K.H.**, Silvis, D., Kalir, R., Cramer, C., Negron, A., Bell, A., & Riesland, E. (Accepted). Supporting public-facing education for youth: Spreading (not scaling) ways to learn data science with mobile and geospatial technologies. *CITE Journal: Contemporary Issues in Technology & Teacher Education*.
- Bell, A., **Taylor, K.H.**, Riesland, E., & Hays, M. (2019). Learning to see the familiar: Technological assemblages in a higher ed (non)classroom setting. *British Journal of Educational Technology*. doi.1111/bjet.12800
- Taylor, K.H.** Silvis, D., & Bell, A. (2018). Dis-placing place-making: How African-American and Immigrant youth realize their rights to the city. *Learning, Media, & Technology*, 43(4), 451-468. <https://doi.org/10.1080/17439884.2018.1526804>
- Silvis, D. & **Taylor, K.H.**, & Stevens, R. (2018). Community technology mapping: Inscribing places when "Everything is on the move." *International Journal of Computer Supported Collaborative Learning*, 13(2), 137-166.
- Taylor, K.H.** (2018). The role of public education in place-remaking: From a retrospective walk through my hometown to a call to action. *Cognition & Instruction*, 36(3), 188-198.. doi.10.1080/07370008.2018.1460844
- Taylor, K.H.**, Takeuchi, L., & Stevens, R. (2017). Mapping the daily media round: Methodological innovations for understanding families' mobile technology use. *Learning, Media, and Technology*, 43(1), 70-84. doi.10.1080/17439884.2017.1391286
- Taylor, K.H.** (2017). Learning along lines: Locative literacies for reading and writing the city. *Journal of the Learning Sciences*, 26(4), 533-574. doi:10.1080/10508406.2017.1307198
- Taylor, K.H.** & Hall, R. (2013). Counter-mapping the neighborhood on bicycles: Mobilizing youth to reimagine the city. *Technology, Knowledge, and Learning*, 18(1-2), 65-93.
- Leander, K. M., Phillips, N. C. & **Taylor, K. H.** (2010). The changing social spaces of learning: Mapping new mobilities. *Review of Research in Education*, 34, 329-394.

## Handbook\*, book chapters & other scholarly writing

- \*Silvis, D. Kalir, J., & **Taylor, K.H.** (2019). Learning and researching across places in Mobile City Science. In Y. Zhang & D. Cristol (Eds.), *Handbook of Mobile Technology and Learning (2<sup>nd</sup> Edition)*. Berlin: Springer. doi:10.1007/978-3-642-41981-2\_131-1
- Taylor, K.H.**, Silvis, D., & Stevens, R. (2017). Collecting and connecting: intergenerational learning with digital media. In E. Gee, E. Wartella, & L. Takeuchi (Eds.), *Children and Families in the Digital Age: Learning Together in a Media Saturated Culture* (pp. forthcoming). New York: Routledge.
- Taylor, K.H.** & Pinkard, N. (2017). Community mapping: Moving and discovering across contexts. In J. Roschelle, W. Martin, J. Ahn, & P. Schank (Eds.), *Cyberlearning Community Report: The State of Cyberlearning and the Future of Learning With Technology* (pp. 12-16). Menlo Park CA: SRI International.
- Taylor, K.H.** & Phillips, N. C. (2017). Place-making. *SAGE Encyclopedia of Out-of-School Learning*. Peppler, K. (Ed.). Thousand Oaks, CA: SAGE Publications. doi:10.4135/9781483385198.n228

Levinson, A, Siyahhan, S., Pressey, B., & **Taylor, K.H.** (2015). *Diverse families and media: Using research to inspire design. A report of the Families and Media Project.* New York: The Joan Ganz Cooney Center.

### Public scholarship

Taylor, K.H. (May 2019). How to teach and parent better in the age of big data. *The Conversation*. Retrieved from <https://theconversation.com/how-to-teach-and-parent-better-in-the-age-of-big-data-115687>

Taylor, K.H. (May 2019). Teaching with big data could leave kids behind. *The Houston Chronicle*. Retrieved from <https://www.houstonchronicle.com/opinion/outlook/article/Schools-talk-a-lot-about-data-But-do-we-all-13908101.php>

### Manuscripts in preparation or under review

Herrenkohl, L.R., Lee, J., Kong, F., Nakamura, S., Imani, K., Nasu, K.,.....**Taylor, K.H.** (Under Review). Learning in community for STEM undergraduates: Connecting a learning sciences and a learning humanities approach in higher education. *Cognition & Instruction*.

**Taylor, K.H.** & Hall, R. (In preparation). Remembering/Forgetting the Music City: Performative place-making with diverse publics. For special issue of *Cognition & Instruction*.

**Taylor, K.H.**, Ma, J., Marin, A., & Phillips, N. (In preparation). *Re-placing* the body in accounts of learning: Looking across studies that design with/in place.

**Taylor, K.H.**, Silvis, D., Bell, A., & Riesland, E. (In preparation). Paths, trails, sidewalks, and rivers: Reorganizing learning along life-lines.

### Websites created

**Taylor, K.H.** (2019). Off the Map: A Youth-Created Guide to Alcoa-Maryville. <https://www.offthemapmaryvillealcoa.org/>

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### FUNDED PROJECTS

**Principal Investigator** 2019-2020  
*Learning-on-the-Move for More Equitable Communities: A Comparative Investigation of Youth Civic Participation in Nonmetropolitan and Urban Areas*  
 National Academy of Education/Spencer Foundation  
 Postdoctoral Research Fellowship (\$70,000)

**Co-PI** 2019-2020  
*Translating Across Disciplines: Urban/Community Planning & Learning Sciences*  
 International Society of the Learning Sciences  
 Regional and Affinity Outreach and Engagement Promoting the Learning Sciences (\$5,000)  
 Jose Melendez, PI; Josh Radinsky, Co-PI

**Principal Investigator** 2016 - 2019

*EAGER: Mobile City Science: Youth Mapping Community Learning Opportunities*  
 National Science Foundation  
 Grant # 1645102 (\$300,000)  
 Nichole Pinkard, Co-PI; Andres Henriquez, Co-PI

**Co-PI** 2016 - 2019

*CAP: Building Capacity for New Genre of Learning on the Move (LoM)*  
 National Science Foundation  
 Grant # 1645102 (\$50,000)  
 Rogers Hall, Co-PI; Ananda Marin, Co-PI

**Principal Investigator** 2015 – 2016

*Learning Across Networked and Emergent Spaces (LANES)*  
 Heising-Simons Foundation  
 Grant # FAM2.090915 (\$27,346)

**Collaborator** 2018 - 2019

*QRIS Assessment*  
 Washington State Department of Children, Youth, and Families  
 Gail Joseph, PI (\$530,000 annually)

**Collaborator** 2015

*College Ready Research Support*  
 The Bill & Melinda Gates Foundation  
 Deborah McCutchen, PI (\$130,000 annually)

## **MEDIA COVERAGE**

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UW News (June, 2019). [UW Professor Leads Students to Hidden History in a Small Tennessee Town.](#)

Blount County Daily Times (March, 2019). [A History Lesson Goes Off the Map.](#)

The Center for Innovative Research in CyberLearning (September, 2017). [Meet Katie Headrick Taylor.](#)

Research that Matters (September, 2017). [Mobile City Science Go!](#)

ParentMap (October, 2016). [Three Interactive Trends that will make you healthier.](#)

ParentMap (October, 2015). [Someone you should know.](#)

## **PRESENTATIONS**

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### **International and National Conference Presentations**

Bell, A. & Taylor, K.H. (2019, April). Learning across and within settings: An undergraduate course for learning about learning in the city. Paper presented at the Conference of the American Educational Research Association, Toronto, Canada.

Taylor, K.H. (2018, April). Dis-placing place-making: The role of technology in expanding opportunities for public participation. Paper presented at the Conference of the American Educational Research Association, New York, NY.

- Taylor, K.H. (2018, April). New readings of 'Othered' bodies: Young people learning to map their mobility for community change. Paper to be presented at the Conference of the American Educational Research Association, New York, NY.
- Taylor, K.H. (2017, October). Re-placing learning through mobile city science: Young people using technology to claim right to the city. Presented at Digital, Media, and Learning Conference, Irvine, CA.
- Taylor, K.H. & Silvis, D. (2017, June). Mobile City Science: Technology-Supported Collaborative Learning at Community Scale. Paper presented at the Computer Supported Collaborative Learning Conference, Philadelphia, PA.
- Taylor, K.H. & Silvis, D. (2017, June). Place-making as a Theory of Learning. Paper presented at the Conference of the Jean Piaget Society, San Francisco, CA.
- Taylor, K.H. (2016, December). Mobile city science: Learning on-the-move through hyperlocal contexts. Presented at the Literacy Research Association Conference, Nashville, TN.
- Taylor, K.H. (2016, November). Mobile city science. EduTalk, Seattle Pacific Science Center, Seattle, WA.
- Taylor, K.H. (2016, November). Mobility Matters: Developing a "Critical Pedagogy of Place" with Mobile and Geospatial Technologies. Paper presented at the Conference of the American Educational Studies Associations, Seattle, WA.
- Hall, R. & Taylor, K.H. (2016, June). Learning by making places. Conference of the Jean Piaget Society, Chicago, IL.
- Taylor, K.H. (2014, June). Replacing the body in children's learning. Presented at the International Conference of the Learning Sciences, Boulder, CO.
- Taylor, K.H., Stevens, R., & Champion, D. (2014, June). Constructing the daily media round of Children: Methodological innovations and issues. Presented at the International Conference of the Learning Sciences, Boulder, CO.
- Taylor, K.H. (2014, April). The impacts of technology on family life: The extensibility of parent-child co-participation in digitally-mediated family practices. Presented at the American Education Research Association Conference, Philadelphia, PA.
- Taylor, K.H. (2012, April). Capturing the journey on foot and bike: Youth collecting mobility data to counter-map their community. Presented at the American Education Research Association Conference, Vancouver, BC.
- Taylor, K.H. (2012, March). Counter-mapping the neighborhood: Youth learning with geospatial technologies through urban spaces. Presented at the Local and Mobile Conference, Raleigh, NC.
- Taylor, K.H. & Hall, R. (2011, February). Forming publics: Negotiating what happens at the interface of participatory planning. Presented at the 32nd Annual Ethnography in Education Forum, Philadelphia, PA.
- Taylor, K.H., Hall, R., & Leander, K.M. (2010, June-July). Changing the structure of planning participation by moving across scales. Presented at the International Conference for Learning Sciences, Chicago, IL.
- Taylor, K.H., & Hall, R. (2010, May). Getting into the map: How the public learns to take place in urban planning. Presented at the American Education Research Association Conference, Denver, CO.
- Taylor, K.H. (2010, April). Getting into the map: How the public learns to take place in urban planning. Presented at the Association of American Geographers Conference, Washington, DC.
- Taylor, K.H., Phillips, N., & Leander, K.M. (2009, December). Literacy learning live: New methods for understanding learning pathways across space and time. Presented at the National Reading Conference, Albuquerque, NM.
- Taylor, K.H., (2008, September). Examining issues of youth mobility through the lens of cultural-historical activity theory (CHAT). Presented at the International Society for Culture and Activity Research Conference, San Diego, CA.

#### **Invited talks**

- Taylor, K.H. (2019, May 14). "Wisdom without data is just a hunch": The role of learning sciences in the

- information age. [Waterbury Summit on the Learning Sciences](#). Penn State University, College Station.
- Taylor, K.H. (2018, November 27). Learning as stewardship: Students at the nexus of university-community relations. [Frontiers in Higher Education Research Seminar](#). University of Washington, Seattle.
- Taylor, K.H. & Hall, R. (2018, May 3). [Using the city as a classroom](#). Facebook Live Webinar. University of Washington, Seattle.
- Taylor, K.H. & Hall, R. (2018, May 17). [The future of video-based research](#). Facebook Live Webinar. University of Washington, Seattle.
- Taylor, K.H. (2018, May). Place-remaking in public education. To be presented at the Equity, Education, and Society Colloquium, University of Washington, Seattle, WA.
- Taylor, K.H. (2017, December). Supporting Public-Facing Education for Youth: Learning with Mobile and Geospatial Technologies. Retrieved from <http://circlcenter.org/events/ecolloq-cyberlearning-tools-for-mobile-community-engaged-and-connected-learning/>
- Taylor, K.H. (2016, November). Screenagers: Growing up in the Digital Age. Presented at North Bend Library, North Bend, WA.
- Taylor, K.H. (2015, September). A critically mobile pedagogy of place: Using mobile and location aware technologies with young people. Presented at City Hall, Seattle, WA.
- Taylor, K.H. (2015, May). Conducting “on the move” video research with young people. Headrick Taylor, Presented at University of Washington, Seattle, WA.
- Taylor, K.H. (2014, January). Understanding and re-mediating the daily rounds of young people for more equitable learning spaces. Presented at University of Washington, Seattle, WA.
- Taylor, K.H. (2012, November). Youth Learning in Communities with Geospatial Technology. Presented at Vanderbilt University, Nashville, TN.
- Taylor, K.H. (2009, April). “Can I get a little space, please?”: A cross generation comparison of leisure time and mobility patterns of adolescents. Presented at the Sustaining Everyday Life Conference, Norrkoping, Sweden.

### Posters

- Taylor, K.H., Bell, A., Riesland, E., Hays, M., & Silvis, D. (2019). SensEscapes: Learning and making public history in mobile collocated interactions. Poster presented at the International Conference of Computer Supported Collaborative Learning.
- Taylor, K.H. (2019, April). Off the Map: Students making local histories public through digital walking tours. Poster presented at the American Education Research Association.
- Taylor, K.H. (2015, April). Mobility Matters: Developing a “Critical Pedagogy of Place” with Mobile and Geospatial Technologies. Poster presented at the American Education Research Association.
- Taylor, K.H., Stevens, R. & Champion, D. (2013, December). How digital media organizes and disrupts attention in everyday family practices. Poster presented at the National Science Foundation Reverse Site Visit, Stanford University, Palo Alto, CA.

### Workshops

- Organizer, *Educating the Next Generation of Scholars*, National Center for Research in Policy and Practice, Semiahmoo, WA July 2019
- Organizer, *Learning on-the-Move*, NSF CAPS Grant, Vanderbilt University June 2017
- Attendee (invited), *Smart & Connected Learning Communities for Learning: An Innovation Lab*, National Science Foundation, SRI, Palo Alto, CA May, 2016
- Attendee (invited), *Balancing the Needs of Children and Adults in the Design of Technology for Children*, Google User Design Team June 2015
- Attendee (invited), *Developing a Strong Cyberlearning Exploration Proposal*, National Science Foundation June 2015
- Attendee (invited), *Designing Media for Underserved Families* Hasso Plattner Institute of Design, Stanford University January 2015

- Attendee (invited), *Early Career Workshop* June 2014  
International Conference of the Learning Sciences, University of Colorado Boulder
- Attendee (invited), *DML Hub's Design Research Call* May 2014  
design principles and implementation of a geographically-dispersed, digitally-networked youth participatory research project, Google Hangout On Air
- Attendee (invited), *Families and Media Data Analysis and Product Planning* May 2014  
Joan Ganz Cooney Center, New York
- Co-organizer, *The Contemporary Terrain of Children's Media Use: New Questions, New Methods, and Emerging Phenomena*, Nov 2013  
School of Education and Social Policy, Northwestern University
- Attendee (invited), *Families and Media Kick-off and Methods Workshop* Aug 2013  
Stanford University

## UNIVERSITY TEACHING

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### Instructor

|   |             |
|---|-------------|
| EDC&I 581: Design-Based Research Methods                                | 2017-2018   |
| EDPSY 515: The Digital "Re-mediation" of Teaching & Learning            | 2015 -2017  |
| EDPSY 516: Designing Learning and Teaching Environments with Technology | 2015 - 2017 |
| EDPSY 569: Learning and the Interaction Order                           | 2015 - 2018 |
| EDUC 370: Learning Within and Across Settings                           | 2016- 2017  |
| EDPSY 380: Digital Ethnography  | 2016        |

## PROFESSIONAL SERVICE

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### International & National Service

|  |             |
|--|-------------|
| Guest Editor, <i>Cognition &amp; Instruction</i> , Special issue on Learning on the move | 2018 – 2019 |
| Organizer, <i>Learning in Media Ecologies</i> , Special Interest Group in LS             | 2019        |
| Program Committee Member, <i>International Society of Learning Sciences</i>              | 2018        |
| Reviewer, <i>National Science Foundation</i> Proposal Review Panel                       | 2017- 2018  |
| Reviewer, <i>Mind, Culture, &amp; Activity</i>   | 2019        |
| Reviewer, <i>Journal of the Learning Sciences</i>  | 2017-2019   |
| Reviewer, <i>Cognition &amp; Instruction</i>   | 2016-2018   |
| Reviewer, <i>Learning, Media &amp; Technology</i>  | 2017-2018   |
| Reviewer, <i>Interactive Learning Environments</i>                                       | 2015        |
| Reviewer, <i>Conference on Computer Supported Collaborative Environments</i>             | 2014        |
| Senior Reviewer, <i>International Society of the Learning Sciences</i>                   | 2013        |
| Reviewer, <i>American Education Research Association</i>                                 | 2013        |
| Editorial Manager, <i>The Journal of Teaching and Learning Inquiry</i>                   | 2013        |

### University & College Service

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|---|-----------|
| Member, College of Education <i>Philosophy of Education Search</i>                      | 2019-2020 |
| Faculty Senator, University of Washington <i>Faculty Senate</i>                         | 2017-2018 |
| Member, College of Education <i>Learning Sciences &amp; Human Development Search</i>    | 2017-2018 |
| Member, College of Education <i>Unite:Ed Steering Committee</i>                         | 2017-2018 |
| Member, College of Education <i>ReDi Re-Org Data for Improvement Committee</i>          | 2017-2018 |
| Member, College of Education <i>Academic Programs &amp; Initiatives Committee</i>       | 2015      |
| Member, <i>College of Education Task Force on Technology</i>                            | 2015      |
| Faculty Sponsor, <i>CoE Educational Technology Student Group</i>                        | 2015      |
| Professional Evaluator, Social Studies Teacher Candidates, Vanderbilt                   | 2012      |
| Graduate Student Representative, Social Studies Practice Search Committee               | 2011      |
| Facilitator, <i>Privilege and Power in the Classroom</i> , GradStep Center for Teaching | 2011      |

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| Co-chair, Department of Teaching and Learning Doctoral Student Association                | 2009 |
| Creator and organizer of Marx's <i>Capital</i> , Vol. 1 Teaching & Learning Reading Group | 2008 |

## HONORS & AWARDS

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|   |      |
|---|------|
| Fellow, Data Consortium Fellowship, National Science Foundation               | 2019 |
| Finalist, Spencer Postdoctoral Research Fellow                                | 2019 |
| Winner, Award of Excellence for Community History, East TN Historical Society | 2019 |
| Visiting Scholar, Vanderbilt University                                       | 2018 |
| Nominee, Jan Hawkins Award, AERA  | 2018 |
| Nominee, Outstanding Faculty Advisor, UW College of Education                 | 2017 |

## PROFESSIONAL AFFILIATIONS

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| American Education Research Association    | 2008-2019 |
| International Society of Learning Sciences | 2010-2019 |
| Jean Piaget Society                        | 2016-2018 |
| Pan-American Mobilities Network            | 2011-2012 |
| American Association of Geographers        | 2008-2011 |

## STUDENT ADVISING

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### Faculty Advisor

- Deborah Silvis
- Adam Bell
- Maria Hays
- Erin Riesland
- Ari Hock
- Sonia Kim

### Dissertation Committee Membership

- Deborah Silvis (Chair)
- Adam Bell (Chair)
- Joh Howard
- Jocelyn Walsh
- Kiley Sobel
- Abigail Evans
- Dastyni Loska
- Priya Pugh
- Simeko Washington
- Caroline Pitt (GSR)
- Jenny Gawronski
- Meixi Ng
- Jiyoung Lee

### Masters Thesis Committee Membership

- Adele Nickel
- Rose O'Leary
- Megan Martinko



- Taisia Williams
- Gracie Loesser
- Abby Rhienhart

## COMMUNITY SERVICE

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- Ridgecrest Elementary School PTA, Seattle, WA Present
- Lake Forest Park Civic Club, Seattle, WA Present
- Lake Forest Park Elementary School PTA, Seattle, WA Present
- Portage Bay Childcare Center, Seattle, WA Present
- Volunteer, McGaw YMCA, Evanston, IL 2013-2015
- Educator and Curriculum Designer, CivicLab, Chicago, IL 2014
- Volunteer Participant, Plan of Nashville 2012-2013
- Volunteer, Oasis Center, Nashville, TN 2007-2012
- Volunteer, Hands on Nashville, Nashville, TN 2007-2009
- Volunteer, Good Food for Good People, Nashville, TN 2005-2007