

Jim Thatcher

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EDUCATION

Clark University, Worcester, MA

- Ph.D. in Geography; Degree Date: December 2014
- Advisor: James McCarthy
- Dissertation: Mobile Navigation Applications: Hidden Ontologies, Epistemic Limits, and Technological Teleology

Pennsylvania State University, University Park, PA

- Ph.D. candidate in Geography: 2009 - 2011
- Advisor: James McCarthy

The University of Chicago, Chicago, IL

- M.A. in the Social Sciences; Degree Date: August 2008
- Thesis: "The Archaeology of Affect: Possibilities of Community on the Internet"

Pomona College, Claremont, CA

- B.A. in Classics, minor in Anthropology; Degree Date: May 2003

ACADEMIC POSITIONS

Assistant Professor, Division of Urban Studies

- University of Washington Tacoma; Appointed January 2014

Adjunct Professor, Graduate Department of Geography

- University of Washington; Appointed September 2016

Acting Assistant Professor, Division of Urban Studies

- University of Washington Tacoma; September 2014 – January 2014

Visiting Assistant Professor, Division of Social Studies

- Bard College at Simon's Rock; January 2013 – May 2013

RESEARCH INTERESTS

- Critical GIS
- Critical Data Studies
- Digital Political Ecologies
- Digital Geographies
- Economic Geography
- Critical Cartography

PUBLICATIONS

Edited Volumes

Thatcher, J., A. Shears, and J. Eckert (Eds.). 2018. Thinking Big Data in Geography: New Regimes, New Research. University of Nebraska Press.

Peer Reviewed Articles

[In Press] Hoffman, L. and J. Thatcher. Urban studies and thinking topologically. *Territory, Politics, Governance*. <http://dx.doi.org/10.1080/21622671.2017.1351887>

[In Press] McCarthy, J. and J. Thatcher. Visualizing New Political Ecologies through Critical Data Studies: An Analysis of the World Bank's Renewable Energy Resource Mapping Initiative. *Geoforum*. <https://doi.org/10.1016/j.geoforum.2017.03.025>

Thatcher, J., and L.B. Imaoka. 2018. The Poverty of GIS Theory: continuing the debates around the political economy of GISystems. *The Canadian Geographer* 62(1): 27-34.

O'Sullivan, D., L. Bergmann, and J. Thatcher. 2018. Spatiality, maps, and mathematics in critical human geography: Toward a repetition with difference. *The Professional Geographer* 70(1): 129-139.

Thatcher, J. 2017. You are where you go, the commodification of daily life through 'location'. *Environment and Planning A* 49(12): 2702-2717.

Ricker, B. and J. Thatcher. 2017. Evolving Technology, Shifting Expectations. Cultivating Pedagogy for a Rapidly Changing GIS Landscape. *Journal of Geography in Higher Education* 41(3): 368-382.

Thatcher, J. 2016. The object of mobile spatial data, the subject in mobile spatial research. *Big Data & Society* July-December 2016: 1-7.

Thatcher, J., D. Mahmoudi, and D. O'Sullivan. 2016. Data Colonialism: The Digital Frontier, Everyday Life, and Accumulation by Dispossession. *Environment and Planning D* 34(6): 990-1006.

Dalton, C., L. Taylor and J. Thatcher. 2016. Critical Data Studies – a dialogue on space. *Big Data & Society*. January-June 2016: 1-9.

Dalton, C., and J. Thatcher. 2015. Inflated Granularity: Spatial 'Big Data' and Geodemographics. *Big Data & Society*. July-December 2015: 1-15.

Thatcher, J. 2014. Living on Fumes: Digital Footprints, Data Fumes, and the limitations of spatial Big Data. *International Journal of Communication* 8: 1765-1783.

Thatcher, J. 2013. Avoiding the Ghetto through hope and fear: an analysis of immanent technology using ideal types. *GeoJournal* 78(6): 967-980.

Peer Reviewed Book Chapters and Encyclopedia Entries

Thatcher, J. 2018. Cartography and Power. *The Geographic Information Science & Technology Body of Knowledge*. J. P. Wilson (Ed). <https://doi.org/10.22224/gistbok/2018.1.7>.

Thatcher, J. and C. Dalton. 2017. Data derives: Confronting digital geographic information as spectacle. *Debord 2.0* (Westminster University Press) Eds. E. Armano, and M. Briziarelli.

Thatcher, J. 2012. From Volunteered Geographic Information to Volunteered Geographic Services: The Open-Source VGSs system. In *CrowdSourcing Geographic Knowledge* (Springer). Eds. D. Sui, S. Elwood, and M. Goodchild.

Peer Reviewed Conference Proceedings

Thatcher, J. Bergmann, L., and D. O'Sullivan. 2016. Searching for Common Ground (Again). In Proceedings of GIScience 2016. <https://doi.org/10.21433/B3118nq409qz>

Thatcher, J. 2013. Living on Fumes: what "small data" interviews can tell us about Location-Based Services and Big Data's increasing role in what we know and where we are. In Proceedings of the 26th International Cartographic Conference.

Thatcher, J., C. Mulligann, W. Luo, S. Xu, E. Guidero, and K. Janowicz. 2011. Hidden Ontologies – How Mobile Computing affects the Conceptualization of Geographic Space. In Proceedings of Workshop on Cognitive Engineering for Mobile GIS 2011 (CEMob2011).

Savelyev, A., K. Janowicz, **J. Thatcher**, S. Xu, C. Mulligann, W. Luo. 2011. Volunteered Geographic Services: Developing a Linked Data Driven Location--based Service. In Proceedings of SIGSPATIAL International Workshop on Spatial Semantics and Ontologies (SSO 2011).

Brewer, C., **J. Thatcher**, and S. Butzler. 2011. Combining Varied Federal Data Sources for Multiscale Map Labeling of Populated Places and Airports for The National Map of the United States. In Workshop Proceedings, ICA Commission on Generalisation and Multiple Representation.

Editorials, Commentaries, and Posts for Refereed Journals

Thatcher, J. L. Bergmann, D. O'Sullivan. 2018. Speculative and constructively critical GIS. *The Canadian Geographer* 62(1): 4-6.

R. Burns, C. Dalton, and **Thatcher, J.** 2018. Critical Data, Critical Technology in Theory and Practice 70(1): 126-128.

Thatcher, J. 2017. Looking Back to Detroit for a (Counter-Mapping) Path Forward. *Antipode*. Symposium on The Detroit Geographical Expedition and Institute Then and Now. <https://antipodefoundation.org/2017/02/23/dgei-field-notes/>

Thatcher, J., E. Sheppard, and C. Akatiff. 2017. Introduction: The Union of Socialist Geographers Remembers. Antipode Foundation. <https://antipodefoundation.org/supplementary-material/the-union-of-socialist-geographers-newsletter-1975-1983/>

Thatcher, J. L. Bergmann, D. O'Sullivan, B. Ricker, R. Rose-Redwood, T. Barnes, L. Barnesmoore, L. Imaoka, R. Burns, J. Cinnamon, C. Dalton, C. Davis, S. Dunn, F. Harvey, J. Jung, E. Kersten, L. Knigge, N. Lally, W. Lin, D. Mahmoudi, M. Martin, W. Payne, A. Sheikh, T. Shelton, E. Sheppard, C. Strother, A. Tarr, and M. Wilson . 2016. Revisiting Critical GIS: Reflections from Friday Harbor. *Environment and Planning A* 48: 815-824

Burns, R. and **Thatcher, J.** 2015. Guest Editorial: What's so big about Big Data? Finding the spaces and perils of Big Data. *GeoJournal* 80(4): 445-448.

Dalton, C., and **J. Thatcher**. 2014. What does a critical data studies look like, and why do we care? Seven points for a critical approach to 'big data.' *Society and Space*. <http://societyandspace.org/2014/05/12/what-does-a-critical-data-studies-look-like-and-why-do-we-care-craig-dalton-and-jim-thatcher/>

Thatcher, J. 2012. Can we get there from here? Teleological red-lining and avoiding the ghetto. Antipode Foundation. <http://antipodefoundation.org/2012/03/14/can-we-get-there-from-here-teleological-red-lining-and-avoiding-the-ghetto/>

The Revolutionary Picnic Collective. 2012. Gleaning the Current Conjecture: Notes from the 3rd Antipode Institute for the Geographies of Justice. *Antipode* 45(4): 779-784.

Book Chapters

[Forthcoming] Thatcher, J. 2018 (expected). Epistemologies. In *Digital Geographies*. (Sage) Eds. R. Kitchin, A. Leszczynski, and J. Ash.

Thatcher, J. and C. Dalton. 2017. Provenance and Possibility, thoughts towards a schema for urban data. In *Data And The City* (Taylor & Francis). Eds. R. Kitchin, T. P. Lauriault, and G. McArdle.

Thatcher, J. 2017. Sousveillant and Locative Media. In *Understanding Spatial Media* (SAGE Publications). Eds. R. Kitchin, T. Lauriault, and M. Wilson.

Thatcher, J. 2015. Mobile geospatial search and the limits of knowledge: linking application design and use in time and space. In *Communication and Control: Tools, Systems, and New Dimensions* (Lexington Books). Eds. R. MacDougall.

Conference Proceedings

Ricker, B and **J. Thatcher**. 2017. Introduction to Social Media and Location Information Minitrack. In Proceedings of the 50th Hawaii International Conference on System Sciences (HICSS).

Thatcher, J., and B. Ricker. 2016. Introduction to Social Media and Location Information Minitrack. In Proceedings of the 49th Hawaii International Conference on System Sciences (HICSS).

Thatcher, J., and B. Ricker. 2015. Introduction to Social Media and Location Information Minitrack. In Proceedings of the 48th Hawaii International Conference on System Sciences (HICSS).

Reviews

Thatcher, J. 2018. Yes, we can (do GIS): a review of new lines: critical GIS and the trouble of the map. *International Journal of Geographical Information Science* 32(6): 1272-1274.

Thatcher, J. 2012. Briefly Noted: Urban Modernity: Cultural Innovation in the Second Industrial Revolution. *Contemporary Sociology* 41(2): 254-255.

Thatcher, J. and L. Mason. 2011. The Shallows: What the Internet is Doing to Our Brains. *Contemporary Sociology* 40(6): 772-774.

Thatcher, J. 2011. Briefly Noted: Hip Hop Underground: The Integrity and Ethics of Racial Identification. *Contemporary Sociology* 40(2): 242-243.

Thatcher, J. 2011. Briefly Noted: Galileo in Pittsburgh. *Contemporary Sociology* 40(1): 109.

Baum, S. and **J. Thatcher**. 2010. Inception (Film Review). *Journal of Evolution and Technology* 21(1): 62-66.

Edited Special Issues

Thatcher, J., and C. Dalton. Expected 2019. Critical Cartography. *Cartographic Perspectives*.

Thatcher, J. L. Bergmann, D. O'Sullivan. 2018. Speculative and constructively critical GIS. *The Canadian Geographer* 62(1).

Thatcher, J., C. Dalton, and R. Burns. 2018. Focus Section: Critical Data and Critical Technology Studies. *The Professional Geographer* 70(1).

Burns, R., and J. Thatcher. 2015. Special Issue on Big Data. *GeoJournal* 80(4).

Bergmann, L., O'Sullivan, D., and J. Thatcher. Speculative GIS/ Constructively Critical GIS. Approved and in preparation for *The Canadian Geographer* (expected publication 2018).

PUBLIC MEDIA INTERVIEWS

Breakenridge, R. 2018. Back to the Flip Phone. 770 CHQG AM.

<https://omny.fm/shows/afternoons-with-rob-breakenridge/back-to-the-flip-phone>

Enman, S. 2018. A simple flip phone is the new protest statement. *The Seattle Times* (and syndicated). <https://www.seattletimes.com/business/a-simple-flip-phone-is-the-new-protest-statement/>

Malito, A. 2017. New iPhone excitement won't stop some people from buying flip phones. *The New York Post* (and syndicated). <http://nypost.com/2017/09/12/some-people-are-still-buying-flip-phones/>

Narula, S. 2013. The Real Problem With a Service Called 'Ghetto Tracker.' *The Atlantic*. <http://www.theatlantic.com/technology/archive/2013/09/the-real-problem-with-a-service-called-ghetto-tracker/279403/>

Gladstone, B. 2013. Tracking Your Steps. *On The Media*. NPR. <http://www.onthemedial.org/story/tracking-your-steps/>

WORKSHOPS and CONFERENCES ORGANIZED

GIScience 2018. August 2018. Program Committee.

"More than Critical, More than GIS" workshop. April 9, 2018. New Orleans. Organizer.

"Theories in Critical Cartography and GIS" workshop. October 13, 2017, McGill University, Montreal, Canada. Organizer.

Symposium on CyberGIS for Advancing Data-Intensive Geographic Research and Education at the AAG 2017. Organizing Committee member.

GIScience 2016. September 2016. Program Committee.

Digital Location, mini-track at Hawaii International Conference on System Sciences (HICSS) 48, 49, 50. January 2015, 2016, 2017. Mini-track Co-Chair.

ACM SigSpatial International Workshop on Location-Based Social Networks (LBSN 2015). November 2015. Program Committee.

Space, Location Data, and Social Media Information, mini-track at HICSS 48 and 49. January 2015, 2016. Primary Mini-track Chair.

Revisiting Critical GIS. October 2014. Organizer.

ACM SigSpatial International Workshop on Location-Based Social Networks (LBSN 2014). November 2014. Program Committee.

Workshop on Social Media Research at HICSS 48 and 49. January 2015, 2016. Organizer.

GRANTS, FELLOWSHIPS, AWARDS, and RECOGNITIONS

University of Washington Tacoma Strengthening Educational Excellence with Diversity participant, 2017, (\$1,250)

Amazon Catalyst Grant: RunSafe: A toolkit for designing safer streets for pedestrian runners (with Jordan Hoover, undergraduate). (\$30,000, *unfunded*)

NSF I-Corps Grant in support of a Master's student's research, 2016 (\$3,000)

Twitter Research Grant, 2015-2016 (n/a, full access to Twitter historic pipeline)

NSF Cybersecurity Grant: Digital Identities as Cybersecurity Actors (\$494,240, *unfunded*)

University of Washington Royalty Research Fund: *DataChart*. Data Analysis toward the development of Data Chain Analysis (\$39,848, *unfunded*)

NSF CyberGIS Fellow, 2014-2015 (\$3,000)

University of Washington Tacoma Summer Research Institute participant, 2014 (\$7,889)

Geller Student Research Award, 2013 (\$219)

Pruser Dissertation Enhancement Award, 2013 (\$750)

U.S. National Committee to the International Cartographic Association Travel Award, 2013 (\$1,500)

NACIS Travel Grant, 2012 (\$300)

Fellowship for Excellence in Graduate Recruitment, Penn State University, 2009 (\$1,500)

Anne C. Wilson Fellowship, Penn State University, 2009 (\$1,500)

Pomona College Scholar, Pomona College, 1999-2000 (n/a)

COURSES TAUGHT

University of Washington – Tacoma

- Cartography and Data Visualization (graduate, undergraduate, developed)
- Introduction to Geospatial Technologies (graduate, developed)
- GIS Customization and Automation (graduate, undergraduate, developed)
- Mobile Geospatial Application Development (graduate, developed)
- Urban Planning Applications (graduate, developed)
- GIS Practicum I and II (graduate, developed)
- Data and the City (undergraduate, developed)

- Capstone Seminar in Urban Studies (undergraduate)

Clark University

- Introduction to GIS (undergraduate)

Bard College at Simon's Rock

- Introduction to Critical GIS (undergraduate, developed)

Pennsylvania State University

- Cultural Geography (undergraduate)

INVITED LECTURES, ORGANIZED SESSIONS, PANELS, and CONFERENCE PRESENTATIONS

Invited Workshops

Invited Organizer of "Drifting with data: an experimental workshop on contesting networked urbanism" (with Craig Dalton) at University of Manchester, July 13, 2017, Manchester, UK.

Invited participant at Data and the City Workshop, The Programmable City Project, 2015

Invited participant at the Vespucci Initiative's Summer Institute on Geographical Information Science on "Spatial Information in Science and Society", 2012.

Invited participant at Antipode's 3rd Institute for the Geographies of Justice, 2011

Invited Lectures

"Data Dérives: Confronting digital geographic information as spectacle" at *Portland Cartography Symposium*, Portland State University, March 2, 2018, Portland, OR

"Resistance (?) GIS (?)" at *Resistance GIS*, Portland State University, May 20, 2017, Portland, OR.

"The stories we tell ourselves about the data we give off to others" at University of British Columbia, March 2, 2018, Vancouver, BC.

"Spatial Tabular Queries" at University of British Columbia, March 1, 2018

"The stories we tell ourselves about the data we give off to others" at Pennsylvania State University, March 24, 2016

"Critical GIS and GIScience" at University of Victoria, January 23, 2016, Victoria, British Columbia.

"From data object to research subject" at University of Washington, December 4, 2015, Seattle, WA.

"The stories we tell ourselves about the data we give off to others: mobile data and the everyday" at University of Washington Tacoma, November 3, 2015, Tacoma, WA.

"Provenance and Possibility: thoughts towards a schema for urban data" at the Data and the City Workshop, Programmable City Project, August 31, 2015, Maynooth, Ireland.

"Debord and Technology" at Clark University, October 21, 2013, Worcester, MA.

"Code and the Mediation of Space: the pleasures of being placed." At Microsoft Research, Social Media Collective, October 1, 2013, Boston, MA.

"Algorithms and GIS: creating automated classification hierarchies for The National Map" at Clark University, April 25, 2013, Worcester, MA.

"A Marxist understanding of modern technology and the use of mobile navigation devices" at Bard College at Simon's Rock, March 22, 2012, Great Barrington, MA.

Organized Sessions

Critical Digital Geographies for Justice. Association of American Geographers Annual Conference, 2018, New Orleans, LA.

Digital \ Human \ Labour 1, 2, 3, and 4. A Series of sessions. Association of American Geographers Annual Conference, 2017, Boston, MA.

"Critical Data, Critical Technology: In Praxis"; "Critical Data, Critical Technology: In Theory 1 & 2" A series of sessions at the Association of American Geographers Annual Conference, 2015, Chicago, IL

"Future Directions in Geoweb Research: an alt.conference on Big Data, Theory, and Geography's Role." A series of sessions presented at the Association of American Geographers Annual Conference, 2014, Tampa, FL.

"Whither Small Data?: The limits of 'big data' and the value of 'small data' studies." sponsored by the Qualitative Research Specialty Group at the Association of American Geographers Annual Conference, 2013, Los Angeles, CA.

"#Geo/Code: Digital Society." sponsored by the GIS Specialty Group at the Association of American Geographers Annual Conference, 2013, Los Angeles, CA.

Organized Panels

Digital Geographies Keynote Panel. Association of American Geographers Annual Conference, 2018, New Orleans, LA.

Ethical Mapping, in praxis, theory, and pedagogy. Panel at the North American Cartographic Information Society annual meeting, October 2017, Montreal, Canada.

Digital Geographies. Part of the Digital \ Human \ Labour series of sessions held at the Association of American Geographers Annual Conference, 2017, Boston, MA.

"Speculative GIS"; "Constructively Critical GIS" A series of panels held at the Association of American Geographers Annual Conference, 2016, San Francisco, CA.

"#CritGIS: On the Political Economy of Geospatial Technologies" part of a series of sessions and panels stemming from Revisiting Friday Harbor at the Association of American Geographers Annual Conference, 2015, Chicago, IL

"Technology, Space, and Society" presented at the Critical Geography Conference, November 8, 2011, Worcester, MA.

"Bodies of Knowledge: feminist approaches to theorizing beyond the mind/body split" presented at WSGO Conference, February 19, 2011, State College, PA.

Conference Presentations and Panel Participation

"Mapping the metabolisms of cloud computing infrastructure" with Nick Lally (Wisconsin-Madison). At the Association of American Geographers Annual Conference, 2018, New Orleans, LA.

Panelist. Ethical Mapping, in praxis, theory, and pedagogy. Panel at the North American Cartographic Information Society annual meeting, October 2017, Montreal, Canada.

"Data Dérives: Confronting digital geographic information as spectacle" At the American Association of Geographers Annual Conference, 2017, Boston, MA

"Digital Goods, Environmental Costs: Bitcoin Mining and the Materiality of Virtual Natures" At the American Association of Geographers Annual Conference, 2016, San Francisco, CA.

Panelist. Constructively Critical GIS. At the Association of American Geographers Annual Conference, 2016, San Francisco, CA.

"Evolving Technology, Shifting Expectations, Cultivating Pedagogy for a Rapidly Changing GIS Landscape" At NACIS 2015, Minneapolis, MN.

Panelist. Roundtable: Teaching Ethics in Big Data and Social Media: Bridging Theory and Practice in the Classroom. At Association of Internet Researchers Annual Conference (IR 16), 2016, Phoenix, AZ

Panelist. Academic Researchers on Social Data's Critical Frontiers. At the Big Boulder 2015, Boulder, CO.

"The Stories we tell ourselves about the data we give off to others: how end-users understand, accept, and manipulate mobile spatial information." Presented at the American Association of Geographers Annual Conference, 2015, Chicago, IL.

Participant. "CyberGIS Education Workshop." At the American Association of Geographers Annual Conference, 2015, Chicago, IL.

"Working with semi-public APIs: Adventures in the gathering and visualization of Kickstarter data" presented at the North American Cartographic Information Society Conference, 2014, Pittsburgh, PA

Participant. "Open GIS: New Opportunities for Research and Education" At the American Association of Geographers Annual Conference, 2014, Tampa, FL

"Living on Fumes: what 'small data' interviews can tell us about Location-Based Services and Big Data's increasing role in what we know and where we are" presented at the 26th International Cartographers Conference, 2013, Dresden, Germany

"Living on Fumes: Digital Footprints, Data Fumes, and the limitations of spatial Big Data" presented at the American Association of Geographers Annual Conference, 2013, Los Angeles, CA.

"New moments in mobile spatial applications: the commoditization of 'location' and teleological red-lining" presented at North American Cartographic Information Society, October 17-19, 2012, Portland, OR.

Participant. "Working with Big and User Generated Geographic Data". Working Retreat held by the New Mappings Collaboratory, June 14-17, 2012, University of Kentucky, KY.

"The GeoWeb, theory, and technology" presented at Future Internet, April 14, 2012. College City, MD.

"The GeoWeb is made of Technology, it's Technology!" presented at American Association of Geographers Annual Conference, 2012, New York, NY.

"The Tension of Volunteered Geographic Information: Placing VGI in context" presented at North American Cartographic Information Society, October 12-14, 2011, Madison, WI.

"Design and Deployment: A Prospective Ethnographic Methodology for Linking Users and Developers of Mobile Geospatial Technologies" presented at the American Association of Geographers Annual Conference, April 12-16, 2011, Seattle, WA.

"Presenting VGS" presented at Volunteered Geographic Information (VGI): Research Progress and New Developments, AAG Pre-Conference, April 11, 2011, Seattle, WA.

"The flash, the mob, and the mass: What technology brings to transformative political movements" presented at No)Boundaries 2011, March 18-29, 2011, State College, PA

"Terror in a Flash?" with E. Mullaney and V. Massaro. presented at Critical Geographers Mini Conference, November 5-7, 2010, Milwaukee, WI

"Potentiality of Affect in Virtual Spaces: Using Crowd Theory to Uncover Intensity of Experience in Textual Environments" presented at Critical Geographers Mini Conference, October 23-24, 2010, Athens, GA

SERVICE and COMMITTEES

Professional Service

Chair of the Digital Geographies Specialty group of the Association of American Geographers

Peer Reviewer. *Theory, Culture, and Society*. 2018.

Peer Reviewer. *The Geographical Journal*. 2018.

Peer Reviewer. *Online Information Review*. 2018.

Peer Reviewer. *Big Data & Society*. 2015. 2018.

Peer Reviewer. *International Journal of GIS*. 2017.

Peer Reviewer. *The Canadian Geographer*. 2013. 2017.

Peer Reviewer. *Environment and Planning D*. 2014. 2017.

Peer Reviewer. *Annals of the American Association of Geographers*. 2016

Peer Reviewer. *Geoforum*. 2016.

Peer Reviewer. *Progress in Human Geography*. 2016.

Peer Reviewer. *Dialogues in Human Geography*. 2016.

Peer Reviewer. *Tecnoscienza: Italian Journal of Science & Technology Studies*. 2016.

Peer Reviewer. *Cartography and Geographic Information Society*. 2015.

Peer Reviewer. Book proposal. Rowman & Littlefield. 2015.

Peer Reviewer. *Journal of Transport Geography*. 2015

Peer Reviewer. Book Proposal. SAGE Press. 2014

Peer Reviewer. *GeoJournal*. 2012. 2013.

University Service

Faculty Affairs Committee, University of Washington Tacoma, 2016-2018

Campus Technology Committee, University of Washington – Tacoma, 2014-2018

Tenure Track Search Committee, Division of Urban Studies, University of Washington Tacoma, 2018

Competitive Lecturer Search Committee, Division of Urban Studies, University of Washington Tacoma, 2018

Brian Coffey Lecture and Workshop Organizer. 2018.

Masters of Science in Geospatial Technologies Showcase Organizer. 2016. 2017. 2018.

Division Assessment Committee, Division of Urban Studies. University of Washington Tacoma, 2015-2016

Colloquium Organizing Committee, Geography Department, Clark University, 2012, 2013

No)Boundaries Conference Organizing Committee, Penn State, 2010, 2011

Mentoring Committee for Geography Department, Penn State 2010

Community Service

The Summit, quarterly WAURISA newsletter, organized special issue on geospatial technologies in Tacoma

Oversee UW Tacoma MS student internships with local community partners

Graduate Students Supervised

Ongoing

MS. Armistead, Corrine. Hydropower and Data Infrastructure: Enrolling narratives of nature and technology.

MS. Balcha, Fikadu L. Developing a Geospatial Mobile App for Addis Ababa city fire and emergency response management.

MS. Bogue, Kevin. Mixed Method Spatial Analysis of Gentrification

MS. Bull, Floyd. Advanced Spatial Statistics for Competitive ESports

MS. Clark, Bennett. Remote Gathering of Field Data for Forest Resource Management

Phd. Committee Member. University of Washington. Cox, Christopher R. Capitalist Silviculture and the American State in the Extermination of Old-Growth Coast Redwood.

MS. Heath, Stu. Know Before You Go: Spatial Data for Accessibility.

MS. Jennings, Austin. Space, Time, and Gerrymandering: Vintage Solutions to an Age-Old Problem

MS. Kang, Daman. The Implementation of Green Stormwater Infrastructure in Tacoma

MS. Knight, Brandee. Predictive Spatial Statistics for Emergency Response

MS. Kueck, Janelle. Avian collision and death associated with power distribution lines and support structures.

MS. McDermott, Anna. Wolf Space Use During Recolonization in Northeast Washington and the Effects on Other Large Predator Territories

MS. Mohammed, Azad Islam. Kurdistan and its Peoples, an Atlas.

MS. Murphy, Patrick. Analysis and Response to Black Tree Snake Spread

MS. Saylor, Matt. Dasymetric Mapping of Demographic Data as a Proxy for Community Political Interests in Relations to Congressional Districting.

MS. Seto, Matthew. Action Mapping Project.

MS. Wisness, Nathaniel. The Effect of Maps on Navigational Performance in a Virtual Environment.

2017

MS. Chambers, Chad. The emergence of non-permanent settlements, nighttime light, and space in Willston Basin, North Dakota.

MS. Clinton, Christopher. Data Scraping Structure Values.

MS. Harms, Sheena. Effectiveness of Semi-Automated Classification of LiDAR Data for finding Burial Mounds.

MS. Perez, J. Improving Solid Waste Collection Routes with IoT.

MS. Pitman, Emily. Public Transportation Evaluation through Mobile Data Collection and Preferential Multi-Modal Routing.

MS. Wheeler, Mattie. Shelter Services Applications: Spatial tools for increased social service efficiency.

MS. Wiersma, Dustin. Joint Base Lewis McChord MS4 Database Conversion and Analysis.

Phd. GSR Committee Member. University of Washington. Young, Jason. Encounters Across Difference: The Digital Geographies of Inuit, the Arctic, and Environmental Management.

2016

MS. Buford, Staley. Let's Go Outside – Recreation Pass Finder Application for iOS.

MS. Cochran, Jonathan. Comprehensive Situational Awareness: How to effectively communicate with Web GIS for Disaster Response.

MS. Kwong, Yingyin. Geospatial Data Collection for Homeless Individuals

MS. Lee, David. How Sita Got Her Groove Back.

MS. Miller, Emily. CruiserTime: A place-based technology for small social networks.

MS. Padilla, K. R. Gamified Location-Based Services and Individual Mobility: The Role of Gamification on Dining Choices.

MS. Weinshilboum, Reuben. Wrangell Public Map Project Using a Unified Web Portal.

2015

MS. Brooks, Raymond. A Mobile Application to Enhance Tourists' Experiences

MS. Buck, Shawn. Spatial Data Infrastructures and Local Government Effectiveness.

MS. Huebner, Bryan. Improving the Understanding of Mandated Regulations.

MS. Koppelman, Matt. GPS Accuracy, ESRI's Collector, and its Use in Municipalities.

MS. Leonard, Samuel. Parks and Mobile Applications: Bringing families together through mobile technology.

MS. Milner, Jacob. Open Data Mukilteo: An Assessment of Current Geospatial Data Sharing Practices and Methods to Improve Transparency in Mukilteo, Washington.

MS. Powers, Kelsey. Streamlining Field Data Collection with FOSS4G Mobile Technologies Using Southern Resident Killer Whales as Test Subjects