

SEAN H. WANG

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POSITIONS

Research Scholar and IT Project Manager, 2017-Present

Department III: “Artefacts, Action, Knowledge,” Max Planck Institute for the History of Science (MPI)

National Science Foundation Graduate Research Fellow, 2013-18

Department of Geography, Syracuse University (SU)

Data Science for Social Good Fellow, 2016

eScience Institute, University of Washington (UW)

Senior Research Assistant, 2016

Department of Public Policy, City University of Hong Kong

EDUCATION

PhD, Geography and Women’s and Gender Studies, 2013-Present

Maxwell School of Citizenship and Public Affairs, SU

- *Dissertation:* Chinese birth tourism, birthright citizenship, and immigration politics
- *Committee:* Jamie Winders (advisor), Don Mitchell, John Western, and Robin Riley
- *Exam areas:* geographies of citizenship; transnationalism and international migrations; Asian and Asian American studies
- Associated PhD Candidate (2019-) at the Graduate School of East Asian Studies, Freie Universität Berlin

MA, Geography, 2013

Maxwell School of Citizenship and Public Affairs, SU

- *Thesis:* Ordinary families: Queer sexuality and adoptive parenthood in central New York
- *Committee:* Don Mitchell (advisor), Jamie Winders, Tod Rutherford, and Chandra Talpade Mohanty

BA, Geography, 2011

College of Arts and Sciences, UW

- Exchange to the University of Edinburgh (EU), Scotland (2010-11)
- Coursework in analytical demography at the University of Texas at Austin (UT) (2009)
- Freshman year at Bard College at Simon’s Rock (SRC), transferred without degree (2007-08)

GRANTS AND AWARDS

External

2018-19 Max Planck Society Presidential Fund [PI: D Schäfer] (€740,000)

2018-19 Chiang Ching-kuo Foundation for International Scholarly Exchange Database Grant [PI: D Schäfer] (€80,000)

2013-18 US National Science Foundation (NSF) Graduate Research Fellowship (\$136,000)

2017 American Association of Geographers (AAG) Ethnic Geography Specialty Group Best Dissertation Proposal Award (\$250)

- 2016 Data Science for Social Good Fellowship, eScience Institute, UW (\$6,500)
- 2015-16 NSF Doctoral Dissertation Research Improvement Grant (\$15,999)
- 2014-15 NSF Graduate Research Opportunities Worldwide and US Agency for International Development Research and Innovation Fellowships, with *Research Africa* (\$13,500)
- 2014, 13 AAG-International Geographical Union (IGU) travel grant (\$2,500 in total, declined in 2014)
- 2013 IGU travel grant (\$1,000)
- 2011 Andrew W. Mellon Foundation THATCamp Fellowship (\$500)
- 2009 NSF Research Experience for Undergraduates in Minority Group Demography, Population Research Center, UT (\$4,000)
- 2007 Livingston Hall Scholarship of the Acceleration to Excellence Program, SRC (full-tuition university scholarship at age 16)

Internal

- 2018, 17, 16, 13 Geography Summer Research Fund, SU (\$6,000 in total)
- 2017-18 MAX Teaching Fellowship, Maxwell School, SU (\$20,150, declined)
- 2017, 16, 14, 13 Graduate Student Organization travel grant, SU (\$1,450 in total)
- 2016 David E. Sopher Memorial Scholarship in Social and Cultural Geography, SU (\$1,800)
- 2015 East Asia Summer Research Grant, Maxwell School, SU (\$2,000)
- 2014-15 Moynihan Challenge, Maxwell School, SU [with E Mitchell-Eaton] (\$4,500)
- 2014, 13 Shin-Yi Hsu Scholarship, SU (\$2,597 in total)
- 2014, 13 Roscoe-Martin Award, Maxwell School, SU (\$1,250 in total)
- 2014, 13 Toni Taverone Graduate Paper Prize in Women's and Gender Studies, SU (\$300 in total)
- 2009-10 Shih Chun and Mamie Kwoh Wang Endowed Scholarship, University Honors Program, UW (\$1,000)
- 2008 Tau Sigma National Honor Society for Transfer Students, UW

PUBLICATIONS AND RESEARCH PRODUCTS

Journal Articles

- 2017 Walking in Memphis: Revisiting the street politics of Ms. Jacqueline Smith. *cultural geographies*, 24(4), 611-616.
- Fetal citizens? Birthright citizenship, reproductive futurism, and the "panic" over Chinese birth tourism in southern California. *Environment and Planning D: Society and Space*, 35(2), 263-280.
- [Featured in the *Environment and Planning* 50th Anniversary Editors' Choice Collections, <https://www.eandponline.org/50th-anniversary-collections-d/>.]
- 2014 Encountering metronormativity: Geographies of queer visibility in central New York. *Wagadu: A Journal of Transnational Women's and Gender Studies*, 12, 92-124.
- [Updated version reprinted in K Coffey, ed. 2015. *Queering Borders: Transnational Feminist Perspectives on Global Heterosexism*. Bloomington, Xlibris.]

Book Chapters

- 2018 Intra-Asian infrastructures of Chinese birth tourism: Agencies' operations in China and Taiwan. In YW Chan and SY Koh, eds. *New Chinese Migrations: Mobility, Home, and Inspirations*, 112-127. London, Routledge.
- 2011 Queering gay space [with M Brown and L Knopp]. In M Brown and R Morrill, eds. *Seattle Geographies*, 155-164. Seattle, University of Washington Press.

Essays and Reviews

- 2019 Review of *Birthright Citizens: A History of Race and Rights in Antebellum America* (MS Jones). *Environment and Planning D: Society and Space*. <http://societyandspace.org/2019/08/19/birthright-citizens-a-history-of-race-and-rights-in-antebellum-america-by-martha-s-jones/>
- Recent books on gender in China. *Gender, Place and Culture*, 26(1), 145-148.
- 2018 Geographers against Trump: Reflections on the first annual ACME protest [as part of the ACME Resistance]. *ACME: An International Journal for Critical Geographies*, 17(1), 1-16.
- 2017 Review of *Making Things International 2: Catalysts and Reactions* (M Salter, ed.). *The Canadian Geographer / Le Géographe canadien*, 61(3), e52-e53.
- 2016 Editorial introduction to C Lynch, J Saunders, C Wilkinson, and JEE Young, review forum of *Local Self-Government and the Right to the City* (W Magnusson). H-Citizenship, H-Net Reviews. <https://www.h-net.org/reviews/showrev.php?id=46375>
- ORCA: Transactions data and bias estimates (July 5). Data Science for Social Good project blog, eScience Institute, University of Washington. <https://uwescience.github.io/DSSG2016//2016/07/05/orca-week-3.html>
- 2015 Review of *Born Out of Place: Migrant Mothers and the Politics of International Labor* (N Constable). *Work, Employment and Society*, 29(4), 692-693.
- Review of *Pregnant on Arrival: Making the Illegal Immigrant* (E Luibheid). *International Migration Review*, 49(2), e15-e16.
- 2014 University administrators sideline gender research units. *Research Africa*, December 1. <http://www.researchresearch.com/news/article/?articleId=1348422>
- Shortage of money haunts gender researchers. *Research Africa*, November 17. <http://www.researchresearch.com/news/article/?articleId=1348075>
- Review of *The Changs Next Door to the Diazes: Remapping Race in Suburban California* (W Cheng). *Journal of Cultural Geography*, 31(3), 350-353.

Software and Digital Products

- 2019 Research infrastructure for the study of Eurasia [with P Belouin, B Ho, S Chen, and D Schäfer]. <https://www.mpiwg-berlin.mpg.de/research/projects/rise-and-shine-research-infrastructure-study-eurasia>.
- Rare local gazetteers at Harvard-Yenching Library: An open access collection [with D Schäfer, S Chen, and C Yeh]. <http://bit.ly/MPIWG-HYL-IG>.
- 2016 ORCADash: Data visualization dashboard for ORCA card transactions in the Puget Sound region [with C Johnson, V Sass, and YA Shen]. R package (unavailable to the public due to data confidentiality). <http://www.seattletimes.com/seattle-news/education/uw-student-project-taps-orca-cards-unlocks-data-rove/> and <https://www.geekwire.com/2016/data-help-solve-seattles-transportation-challenges/>. Blog at <https://uwescience.github.io/DSSG2016/>.

Conference Papers

- 2019 數位人文中的空間認識論 – 以中國方志與陸測圖為例 (Spatial epistemologies in digital humanities: Using local gazetteers and land survey maps of China as an example) [with N Lin, S Chen, Q Che, and C Yeh]. In *Proceedings of the 10th International Conference of Digital Archives and Digital Humanities*, 83-100. Taipei,

National Taiwan Normal University.

<https://dadh2019.conf.tw/site/page.aspx?pid=305&sid=1308&lang=en>

RISE and SHINE: A modular and decentralized approach for interoperability between textual collections and digital research tools [with P Belouin, HI Ho, and S Chen]. In *Proceedings of DH2019*. Utrecht, Utrecht University. <https://dev.clariah.nl/files/dh2019/boa/0607.html>

- 2018 Research Infrastructure for the Study of Eurasia (RISE): Towards a flexible and distributed digital infrastructure for resource access via standardized APIs and metadata [with P Belouin, S Chen, and HI Ho]. In *Proceedings of the 9th International Conference of Digital Archives and Digital Humanities*, 21-37. New Taipei City, Dharma Drum Institute of Liberal Arts.

<https://drive.google.com/file/d/1L8xen7Iv9ZdFxNMnD6vnAx8xcfXedky6/view?usp=sharing>

Asia Network: An API-based cyberinfrastructure for the flexible topologies of digital humanities research in sinology [with HI Ho, P Belouin, and S Chen]. In *Proceedings of the 2018 Pacific Neighborhood Consortium annual conference and joint meetings*, 1-4. San Francisco, IEEE. DOI: 10.23919/PNC.2018.8579459.

Theses

- 2013 Ordinary families: Queer sexuality and adoptive parenthood in central New York. Master's Thesis, Department of Geography. Syracuse, Syracuse University. <http://surface.syr.edu/thesis/12/>

RESEARCH DISSEMINATION

Invited Speaker

- 2019 Birth tourism from China and Taiwan to the United States: Cosmopolitan strategies and aspirations. Lecture in the *Reproduction Migrations in the Asia Pacific* seminar series. School of Anthropology and Museum Ethnography, Oxford University, Oxford, February 11.

Chinese birth tourism as cosmopolitan strategies? Reflections on personal narratives and clairvoyance. Graduate School of East Asian Studies, Freie Universität Berlin, January 30.

- 2016 So how's the writing going? Data, writing, and life at the dissertation stage. Department of Geography, Syracuse University, Syracuse, October 14.

Discussant, Queering social reproduction. Paper session at *the AAG meeting*, San Francisco, March 29-April 2.

Panelist, The sexual in classrooms and on campuses. Panel session at *the AAG Sexuality and Space Specialty Group pre-conference*, March 28.

- 2015 Panelist, Diversifying geography: The power of narratives, narratives of power. Workshop at *the AAG meeting*, Chicago, April 21-25.

Leadership and Organizing

- 2019 "Tu" in Local Gazetteers [with S Chen and C Yeh]. Research workshop at the MPI. Berlin, July 8-12.

Representing the MPI at the Digital Technologies Expo [with S Chen, P Belouin, and C Yeh]. Event and exhibition at *the Association for Asian Studies conference*, Denver, March 20-24.

- 2018 "Tu" in Local Gazetteers [with S Chen and C Yeh]. Research workshop at the MPI. Berlin, July 1-14.

- 2017 Research Issues of Human Sciences as Challenges for Computer Science, a digital humanities matchmaking workshop at *the Max Planck Society*. Berlin, December 6-7.

- 2015 Geography and Asian American studies: Past reflections and future collaborations. Panel session at *the AAG meeting*, Chicago, April 21-25.

Feminist geography as a framework for thinking family and childhood [with B Rubin and S Stinard-Kiel]. Panel session at *the IGU Gender Commission conference*, Milwaukee, April 19-20.

- 2014 Critical geographic approaches to child welfare: Power, families, and child welfare institutions [with B Rubin and S Stinard-Kiel]. Panel session at *the Critical Geography Conference*, Philadelphia, November 7-9.
- 2013 Queer(ing) geographies [with E Mitchell-Eaton]. Paper and panel sessions at *the AAG meeting*, Los Angeles, April 9-13.

Presentations

- 2019 RISE and SHINE: A modular and decentralized approach for interoperability between textual collections and digital research tools [with P Belouin, HI Ho, and S Chen]. Presented at *the Digital Humanities 2019 conference*, Utrecht, July 8-12.
- Displaying spatial epistemologies on web GIS: Using visual materials from the Chinese local gazetteers as an example [with N Lin, S Chen, and C Yeh]. Non-presenting author at *the University Consortium for Geographic Information Science symposium*, Washington, DC, June 10-13.
- RISE and SHINE: A modular and decentralized cyberinfrastructure for interoperability between textual collections and digital research tools [with S Chen and P Belouin]. Non-presenting author at *the Digital Humanities and Classical Studies workshop*, Berlin, May 23-24.
- 2018 RISE and SHINE: A flexible and distributed e-infrastructure for DH research [with P Belouin, HI Ho, and S Chen]. Presented at *the 9th International Conference of Digital Archives and Digital Humanities*, Taipei, December 18-21.
- <https://drive.google.com/file/d/1u0balUls2RJdyjP8B99mwDrLJR6FiNQ7/view?usp=sharing>
- Research Infrastructure for the Study of Eurasia (RISE; formerly known as Asia Network) [with HI Ho]. Non-presenting author at *the Pacific Neighborhood Consortium conference*, San Francisco, October 27-30.
- <https://osf.io/pkuw5/>
- Several presentations and workshops on new models for cyberinfrastructure [with D Schäfer, S Chen, HI Ho, and P Belouin] at the *International Conference on Cyberinfrastructure for Historical China Studies*, Harvard Center Shanghai, March 14-16.
- 2017 Intra-Asian infrastructures of Chinese birth tourism: Agencies' operations in China and Taiwan. Presented and workshopped at the *Transnationalism and Institutions in East Asia conference*, Freie Universität Berlin, October 20.
- 2016 ORCA: One regional card for all [with YA Shen]. Presented at *Data Science for Social Good Conference*, Chicago, August 24-25.
- Strategic citizenship and the reproductive geographies of Chinese birth tourism. Presented at *the AAG meeting*, San Francisco, March 29-April 2.
- 2015 Fetal citizens? Chinese birth tourism and birthright citizenship as colonial governance. Presented at *the Colonial Attritions: State Violence and Social Forgetting symposium*, Dunedin, New Zealand, August 5.
- Fetal citizens? Birthright citizenship, reproductive futurism, and the panic over Chinese birth tourism in southern California. Presented and workshopped at *the Association for Asian American Studies meeting*, Evanston, April 22-25.
- “Chinese mom, American baby”: Narratives of desire and representations of birth tourism in mainland China. Presented at *the AAG meeting*, Chicago, April 21-25.
- 2014 Fetal citizens? Local responses to Chinese birth tourism in southern California. Presented at *the Association of Pacific Coast Geographers meeting*, Tucson, September 24-27.
- Ordinary cities, ordinary sexualities? Presented at *the RGS-IBG conference*, London, England, August 26-29.
- Birth tourism panic! Local responses to Chinese maternity hotels in southern California. Presented at *the AAG meeting*, Tampa, April 8-12.
- 2013 Militarism, interrupted: Children's geographies of warfare, occupation, and development. Presented at *the IGU conference*, Kyoto, Japan, August 4-9.
- Encountering metronormativity: Politics of queer adoption in central New York. Presented at *the AAG*

meeting, Los Angeles, April 9-13.

Encountering metronormativity: Politics of queer adoption in central New York. Presented at *Debilitating Queerness: the 6th annual DC queer studies symposium*, College Park, April 5.

2009 Shopping for babies? Demography of same-sex households with children. Presented at *the Southern Demographic Association meeting*, Galveston, October 22-24.

Other Activities

2018 Participating in *Linked Pasts IV workshop*, Mainz, Germany, December 11-13.

Participating in *CLARIN annual conference* and two additional digital humanities workshops, Pisa, Italy, October 8-11.

Participating in *the Max Planck Symposium for Alumni and Early Career Researchers*, Berlin, Germany, September 20-23.

2017 Participating in *European Infrastructures Information Day*, RICH 2020, Brussels, Belgium, November 30.

Participating in *OpenCon*, Berlin, Germany, November 11-13.

Participating in *the Max Planck Symposium for Alumni and Early Career Researchers*, Berlin, Germany, August 30-September 2.

Participating in three workshops at *Digital Humanities 2017 conference*, Montréal, Canada, August 7-11.

2016 Participating in *State of the Map US*, annual conference of OpenStreetMap, Seattle, July 23-25.

Participating in *Software Carpentry*, University of Washington, Seattle, June 14-15

2015 Panelist, Feminist geography as a framework for thinking family and childhood. Panel session at *the IGU Gender Commission conference*, Milwaukee, April 19-20.

2014 Facilitator, Critical geographic approaches to child welfare: Power, families, and child welfare institutions. Panel session at *the Critical Geography Conference*, Philadelphia, November 7-9.

Panelist, Diversifying geography. Panel session at *the Critical Geography Conference*, Boulder, February 21-23.

2013 Participating in *Feminist Theory Workshop*, Duke University, Durham, March 22-23.

2011 Participating in *THATCamp New England*, Brandeis University, Waltham, October 21-22.

TEACHING

Graduate Teaching Assistant, Department of Geography, Syracuse University, 2011-2012

- Fall 2011: Human Geographies (Professor Jamie Winders)
- Spring 2012: Human Geographies (Professor Anne Mosher)

SERVICE

Department

(at MPI)

Search Committee Chair, Full-stack Developer – GIS, 2017-18

Search Committee, Student Assistant – Software Development, 2017-18

(at SU)

Geography Departmental Coordinator, Future Professoriate Program, 2013-14

Geography Graduate Student Representative, 2012-13

Geography Graduate Admissions and Awards Committee, 2012-13

GeoFest, Organizer, 2013; Panelist, 2011, 2012, 2013, 2014, 2016

University

(at MPI)

Equal Opportunities working group and MPQueer, Max Planck PhDnet, 2019-

(at SU)

External Fellowship Workshops, Office of Sponsored Programs, Panelist, 2013₂, 2014₂, 2016₂

(at EU)

International Students Orientation, Panelist and Guide, 2011

(at SRC)

College Policy and Program Committee, 2008

Black Student Union, Technology and Communications Director, 2008

Queer Student Association, Steering Committee, 2007-08; President-Elect, 2008

Professional

(Editor)

Editor, *ACME: An International Journal for Critical Geographies*, 2017-2020

Founding Review Editor, H-Citizenship, H-Net Reviews, 2014-18

Deputy Editor, *Sociological Insight*, UT, 2009-10

(Editorial Board)

International Advisory Board, *ACME: An International Journal for Critical Geographies*, 2020-

(Reviewer)

Big Data & Society, 2019₂

Identities: Global Studies in Culture and Power, 2018, 2019

Geographical Review, 2016₂

(Miscellaneous)

Assistant to the Editors, *Seattle Geographies*, University of Washington Press, 2009-10

Community

Community Advisory Board, Central New York Child Welfare Coalition, 2012-13

Community Advisory Board, Lesbian and Gay Family Building Project, 2012-13

Planning Committee, *Berkshire County Goes to College*, The Berkshire Compact for Higher Education, 2008

PROGRAMS

GIS and Web-based Geovisualization (ArcGIS, QGIS, Shiny with Leaflet and Carto integration)

Statistics and Programming (R, Stata, SPSS)

Database (PostgreSQL)

Reproducibility and Pedagogy (Git, Wiki, Medium, WordPress)

Qualitative Research (ATLAS.ti)

Digital Research Infrastructure development and standards (e.g., IIRF)

LANGUAGES

Chinese

- Mandarin (mother tongue)
- Taiwanese Hokkien (basic communication skills)
- Traditional Chinese (native proficiency in reading and writing)
- Simplified Chinese (very good command in reading and writing)
- Classical Chinese (very good command in reading)

English (native proficiency)

German (A2)

OTHER PROFESSIONAL EXPERIENCES

- 2012-13 Graduate Editorial Assistant, Dean's Office, Maxwell School, SU
- 2012 Project Assistant to Don Mitchell, Department of Geography, SU.
- 2011-12 Graduate Teaching Assistant, Department of Geography, SU
- 2011 Undergraduate Research Assistant to Lauren DeBey, Wilson Lab of Vertebrate Paleontology,
Department of Biology, UW
- 2009-10 Editorial Assistant to Michael Brown, Department of Geography, UW
- 2009 Student Assistant, Undergraduate Academic Affairs, UW
- 2008-09 Student Assistant, Enrollment Services, UW
- 2007-08 Public Affairs Assistant, SRC
- 2007-08 Trading Intern, Polaris MF Global Futures Co. Ltd.
- 2007 Page, King County Library System
- 2006-07 Intern, Bellevue Schools Foundation

REFERENCES

Jamie Winders

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Department of Geography
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He Wang

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Department of Public Policy
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