

July 2020

Kjersten Bunker Whittington
Curriculum Vitae

CONTACT INFORMATION:

Department of Sociology
Reed College
3203 SE Woodstock Ave
Portland, OR 97202

Tel.: (503) 517-7628
Fax: (503) 777-7776
Email: whittington@reed.edu

Academic website: academic.reed.edu/sociology/faculty/whittington

EMPLOYMENT

Associate Professor of Sociology (with tenure) and Chair, Department of Sociology, Reed College. 2013-present

Special Assistant to the Director, Office for Research on Women's Health, National Institutes of Health (Science & Technology Policy Fellow, American Association for the Advancement of Science, 2014-2015 Academic Year)

Assistant Professor of Sociology, Reed College. 2007-2013

EDUCATION

Ph.D. Stanford University (Sociology), 2007
M.A. Stanford University (Sociology), 2001
Harvard University (Sociology), 1999-2000
B.S. North Carolina State University (Physics), 1999

PAPERS AND CHAPTERS

Whittington, Kjersten Bunker. 2018. "A Tie is a Tie? Gender and Network Positioning in Life Science Inventor Collaboration" *Research Policy*. 47; pages 511-526

Plank-Bazinet, Jennifer L., **Kjersten Bunker Whittington**, Sara K.B. Cassidy, Rosemarie Filart, Terri L. Cornelison, Lisa Begg, and Janine Austin Clayton. 2016. "Programmatic Efforts at the National Institutes of Health to Promote and Support the Careers of Women in Biomedical Science" *Academic Medicine*. Vol. 91, No. 8 /

- Mary Frank Fox, **Kjersten Bunker Whittington**, and Marcela Linkova. 2016. "Gender, (In)Equity, and the Scientific Workforce." In Handbook of Science and Technology Studies, edited by U. Felt, R. Fourche, C. Miller, and L. Smith-Doerr. Cambridge, Mass: MIT Press.
- Justine Tinkler, **Kjersten Bunker Whittington**, Manwai C. Ku, and Andrea Davies. 2015. "Gender and Venture Capital Decision-Making: The Effects of Technical Background and Social Capital on Entrepreneurial Evaluations" 51:1-16.
<http://authors.elsevier.com/a/1QO4R,17Ro4qcK>
- Powell, Walter W., Kelley Packalen, and **Kjersten Bunker Whittington**. 2012. "Organizational and Institutional Genesis: The Emergence of High-Tech Clusters in the Life Sciences." Pp 434-465 in *The Emergence of Organizations and Markets*, by John Padgett and Walter W. Powell. Princeton University Press.
- Whittington, Kjersten Bunker**. 2011. "Mothers of Invention?: Gender, Motherhood, and New Dimensions of Productivity in the Science Profession." *Work and Occupations*. 38(3) 417-456.
- Whittington, Kjersten Bunker**, Jason Owen-Smith and Walter W. Powell. 2009. "Networks, Proximity and Innovation in Technological Communities." *Administrative Science Quarterly*. 54:90-122
- Whittington, Kjersten Bunker**. 2009. "Patterns of Male and Female Dissemination in Public and Private Science". *The New Market for Scientists and Engineers: The Science and Engineering Workforce in the Era of Globalization*, edited by Richard B. Freeman and Daniel F. Goroff. University of Chicago Press.
- Whittington, Kjersten Bunker** and Laurel Smith-Doerr. 2008. "Women Inventors in Context: Disparities in Patenting across Academia and Industry". *Gender & Society* 22(2) 194-218.
- Whittington, Kjersten Bunker**. 2008. Review of *Women, Gender and Technology*, edited by Mary Frank Fox, Deborah Johnson and Sue Rosser (2006, University of Illinois Press), Invited review by: *Review of Policy Research*, 25(2), p189-191.
- Whittington, Kjersten Bunker**. 2007. "Employment Sectors as Opportunity Structures: The Effects of Location on Male and Female Scientific Dissemination", Dissertation, Stanford University, Department of Sociology.
- Whittington, Kjersten Bunker** and Laurel Smith-Doerr. 2005. "Women and Commercial Science: Women's Patenting in the Life Sciences" *Journal of Technology Transfer* 30:355-370.
- Porter, Kelley, **Kjersten Bunker Whittington**, and Walter W. Powell. 2005. "The Institutional Embeddedness of High-Tech Regions: Relational Foundations of the Boston Biotechnology Community." *Clusters, Networks, and Innovation*, edited by Stefano Breschi and Franco Malerba, Oxford University Press, Pg 261-296.

Research in Progress

Meredith Riley and **Kjersten Bunker Whittington**. “Racial Frameworks in the Consumption of Genetic Ancestry Technologies.” (Research in progress, drafted).

Kjersten Bunker Whittington, Isabella Cingolini, Bamini Jayabalasingham, Molly King. “Gender and co-authorship in global context: the network structure of men’s and women’s collaboration across disciplines and countries.” (research and draft in progress)

Whittington, Kjersten Bunker and Rebeca Willis-Conger. “Studying Both Sexes: Politics of Sex Differences Research in Pre-Clinical Biomedical Research”. (Research in progress, drafted).

Powell, Walter W. and **Kjersten Bunker Whittington**. “Catalysis and Transposition: The Relational Basis of Robust Regional Economies”. (Draft in progress)

Whittington, Kjersten Bunker, Kovacs, Darci, Chiara Packard, and Marina Moro. “Let’s *Lean-In*: A case study of media communication regarding women and work”. (Research in progress, drafted)

Reports

Contributing author, Elsevier white paper: “The researcher journey through a gender lens: An examination of research participation, career progression and perceptions across the globe”. [https://gender-spear.eu/assets/content/Gender-2020-report-A4-WEB%20\(1\).pdf](https://gender-spear.eu/assets/content/Gender-2020-report-A4-WEB%20(1).pdf). (Chapter 4).

HONORS AND AWARDS

Extramural

NIH Director’s Award, 2015. Recognized for work on NIH ORWH SABV policy team. The NIH Director’s Award recognizes superior performance or special efforts significantly beyond the regular duty requirements, and directly related to the fulfilling the mission of the National Institutes of Health.

AAAS Science and Technology Policy Fellowship. AY 2014-2015 (offered AY 2015-2016, declined). National Institutes of Health, Office for Research on Women’s Health.

National Science Foundation (Science of Science and Innovation Policy) SBE-0915725. September 2010-June 2013. \$115,675. "The Influence of Network Structure on Sex Disparities in Scientific Collaboration: Commercial Innovation in the Life Sciences"

Sloan Foundation, Science and Engineering Workforce Project. September 2009-August 2010. \$38,478. “Scientific Careers and Inventor Networks in the Biotechnology Industry”

National Bureau for Economic Research Science and Engineering Workforce Project Graduate Dissertation Fellowship, 2004-05, renewed 2005-06.

Association for Institutional Research Graduate Dissertation Fellowship 2003-04.

ASA Section on Science, Knowledge and Technology Hacker-Mullins Graduate Student Paper Award, 2002.

National Science Foundation Honorable Mention, Graduate Research Fellowship, 2001.

ICPSR Clogg Scholarship to attend the ICPSR Summer Institute of Quantitative Methodology, 2003.

Intramural

Jennifer Hartman Seminatore Collaborative Fund. June-August 2020. “Racial Frameworks in the Consumption of Genetic Ancestry Technologies”. \$11,500. With Meredith Riley (’20).

Faculty Summer Research Fund. Summer. 2020. “Racial Frameworks in the Consumption of Genetic Ancestry Technologies”. \$1,500.

Howard Hughes Medical Institute, USE Inclusive Excellence Institutional Grants. Consultant and “Assessment Expert” with STEM faculty, Mary James, Kathy Oleson, and Diane Gumz (2017-2018, not funded). (Consultant for Reed College PI team).

Faculty-Student Collaboration for Curricular Technology Innovation Grant. 2018. With Eitan Frachtenburg and Henry Blanchette. “Generating Author Citation Grants”. \$5,000.

Jennifer Hartman Seminatore Collaborative Fund. June-August 2017. “Studying Both Sexes: Politics of Sex Differences Research in Pre-Clinical Biomedical Research”. \$11,500. With Rebeca Willis-Conger (’17).

Mellon Foundation, Northwest 5 Consortium. September 2012-August 2013. \$10,000. “Launching a Gender Studies Consortium”. With Deborah Heath (Lewis & Clark College) and Marva Duerkson (Willamette University).

Mellon Post-Baccalaureate Fellowship (Student: Samuel Gast, AY 2008-09).

PRESENTATIONS

- “Studying Both Sexes: Politics of Sex Differences Research in Pre-Clinical Biomedical Research.”
With Rebeca Willis-Conger. American Sociological Association, 2018.
- “Studying Both Sexes: Politics of Sex Differences Research in Pre-Clinical Biomedical Research.”
With Rebeca Willis-Conger. Annual Seminars Collaborative Grant Research Presentation, 2018.
- “Gender and the Social Structure of Collaboration”. Presentation at Elsevier Report Launch,
“Gender in the Global Research Landscape”. March 2017.
- “Gender and the Social Structure of Collaboration”. Workshop on Diversity in Innovation,
Institute for Women’s Policy Research. May 2017.
- “Let’s *Lean-In*: A case study of media communication regarding women and work”. Presentation at
American Sociological Association, 2016.
- “Catalysis and Transposition: The Relational Basis of Robust Regional Economies”.
APROS/EGOS, December 2015.
- “Catalysis and Transposition: The Relational Basis of Robust Regional Economies”. Industry
Studies Association, invited panel, “Opening Sources of Innovation”. May 2014.
- “Gender and Collaboration Networks”
Invited presentations at: Washington University (October 2013); University of Oregon,
(Spring 2014); University of Georgia (expected April 2015).
- “Uncertainty and the Effects of Gender, Technical Background, and Social Capital on Venture
Capital Evaluations”. American Sociological Association, accepted for Organizations,
Occupations, and Work section session “Gender and Scientific Work”, August 2012.
- “Catalysis and Transposition: The Relational Basis of Robust Regional Economies”. Academy of
Management symposium on “The Local and The Global in Community Dynamics”, August
2011.
- “A Tie is a Tie? Gender and Network Influence in Inventor Collaboration in the Life Sciences”
Invited presentation at Portland State University, November 2010. Also, Networks and
Innovation Conference, University of Oregon, 2010; American Sociological Association
Regular Session on Race and Gender at Work, 2010.
- “Networks, Proximity, and Innovation in Technological Communities.” Arthur Rock Center for
Entrepreneurship and Innovation, Harvard Business School, December 2004; Annual
meeting of the Academy of Management, Honolulu, HI, August 2005; the Scandinavian

Consortium for Organizational Research, Stanford, CA. October 2004; American Sociological Association Annual Meeting, Montreal, Canada, August 2006. SCANCOR 20th Anniversary, Stanford University, November 2008.

“The Influence of Network Structure on Men’s and Women’s Scientific Collaboration”. American Sociological Association Regular Session on Social Networks, 2008; SCANCOR Workshop on Institutional Theory, 2008

“University-Industry Interfaces in the Life Sciences in Boston and the Bay Area” (with Walter W. Powell). Stanford Institute for Economic Policy Research Innovation Summit, 2007.

“Employment Sectors as Opportunity Structures: The Effects of Location on Male and Female Dissemination.” Brown University; Georgia Tech; SUNY-Albany; Case Western Reserve University; Drew University Division of Social and Behavioral Sciences, 2007; National Bureau for Economic Research (NBER), Science and Engineering Workforce Project (SEWP) group. Cambridge, MA. January 2005.

“Gender and Patenting in Academia and Industry: Interactions between Individual and Contextual Characteristics”, National Science Foundation Workshop on "Using Human Resource Data from Science Resources Statistics", Arlington, Virginia, October 2006; Annual Meeting of the American Sociological Association, Montreal, Canada, August 2006.

“A *New* Productivity Puzzle? Gender and Commercial Science in the Life Sciences.” The American Sociological Association Annual Conference, San Francisco, CA, August 2004; the Kauffman Foundation, Technology Transfer Society Meetings, Kansas City, MO, September 2005.

“Patenting Collaboration Networks across Public and Private Science: The Effects of Location on Male and Female Dissemination. Stanford/Berkeley Conference on University-Industry Interfaces. Stanford, CA. November 2004.

“Exploring the Breakup of Violent Adolescent Relationships.” Presented at the American Sociological Association Annual Conference, Session on Childhood and Youth, Atlanta, GA, August 2004.

“The Role of Collaboration Structures on Gender Differences in Patenting across Industry and Academia.” Presented at the Santa Fe Institute, Workshop on the Network Construction of Markets, May 2003.

“Patterns of Dissemination in Public and Private Science: The Effects of Gender and Discipline.” Presented at the American Sociological Association Annual Meeting, Section on Gender and Science, Chicago, IL. August 2003.

MENTIONS IN THE PRESS

- “Object of Study: Inventing the Future”. Profile of research, December 2018. Reed Magazine.
- ChemistryWorld, 2017. “Female researchers on the rise.”
<http://www.chemistryworld.com/news/female-researchers-on-the-rise/3007069.article>
- Nature, March 6, 2013. “Women in Biotechnology: Barred from the Boardroom.” Volume 495, Issue 7439. <http://www.nature.com/news/women-in-biotechnology-barred-from-the-boardroom-1.12546>
- Nature, June 10, 2010. “Gender Stop-Gaps.” Volume 465, p. 832-833.
<http://www.nature.com/naturejobs/2010/100610/pdf/nj7299-832a.pdf>
- The New Yorker, 1 June 2009. “The Cost Conundrum” by Atul Gawande. References published work with colleagues Woody Powell and Kelley Packalen. Available at:
http://www.newyorker.com/reporting/2009/06/01/090601fa_fact_gawande
- The Daily Reporter, 27 May 2008. “Women make mark in budding industry”, Press Interview. <http://dailyreporter.com/2008/05/27/women-make-mark-in-budding-industry/>
- Boston Globe, 6 May 2007. “The gender gap in biotech”, Press Interview.
http://www.boston.com/business/specials/bio2007/articles/gender_gap/
- Nature, vol. 442, 973 - 973 (31 Aug 2006). “Mothers of Invention?”, Press Interview,
<http://www.nature.com/nature/journal/v442/n7106/pdf/442973a.pdf>
- USA Today, 1 April 2001. Study of Family Life and Internet Behavior with Telocity, Inc., Press Interview: <http://www.usatoday.com/tech/news/2001-05-16-ebrief.htm>

ACADEMIC AND PROFESSIONAL SERVICE

Extramural

American Sociological Association

Member, 2017-2018, 2019-2020 Merton Book Award Committee, ASA Science, Knowledge and Technology section

Invited Panel Organizer, ASA Science, Knowledge and Technology Section Research Panel, “Scientific Careers: Key Dimensions of Social Inequality”.

Member, 2013 and 2014 ASA Annual Meeting Program Committee

Member, Advisory Committee for NSF funded research conducted by the ASA, “Research and Evaluation on Education in Science and Engineering”, 2009-10

Invited Panel Organizer, Thematic Session, “Inequality and the Culture and Practice of Science”, 2013

Invited Panel Organizer, Author Meets Critics, “The Nature of Race”, by Ann Morning

Invited Panel Organizer, Regular Session, “Sociology of Science”, 2013

Star-Nelkin Paper Award Committee, 2013-2014, Section on Science, Knowledge, and Technology

Elsevier

Report Subject Expert, “Gender in the Global Research Landscape: Analysis of research performance through a gender lens across 20 years, 12 geographies, and 27 subject areas”.

Report Collaborator and Author, “The researcher journey through a gender lens: An examination of research participation, career progression and perceptions across the globe”.
[https://gender-spear.eu/assets/content/Gender-2020-report-A4-WEB%20\(1\).pdf](https://gender-spear.eu/assets/content/Gender-2020-report-A4-WEB%20(1).pdf).

APROS/EGOS

Invited Panel Organizer, “Dynamics of Clusters”, 2015

Work and Family Researchers Network Member 2011 - present

National Science Foundation

Member, Science and Engineering Human Resources Expert Panel (HREP), 2007-2011.
Grant Review Panelist, 2008
Grant Review Panelist, 2017
Grant Review Panelist, 2019

Anita Borg Institute Advisory Committee, Social Science Task Force, 2009-present

Pacific Sociological Association

Member, Program Committee, 2008-2009
Invited Panel Organizer, “Gender and Work”, 2008
Invited Panel Organizer, “Networks and Work”, 2010

Intramural

Committee on Advancement and Tenure (elected committee) (AY 2018-2020)
Ad Hoc Committee on Pandemic Academic Planning Working Group (Summer 2020)
Ad Hoc Committee on Undergraduate Summer Research Opportunities (AY 2017-2018)
Sociology Department Chair (AY 2016-2018) (AY 2020-Present)
Comparative Race and Ethnic Studies Committee (AY 2017-present)
Sex, Gender and Sexuality Consortium (AY 2011-present)
Search Committee, Department of Mathematics (Computer Science) (AY 2016-2017)
Library Committee (AY 2017-2018)
Committee on Diversity (AY 2013-2014)
Physical Plant Committee (AY 2011-2014)
Computer Policy Committee (AY 2008-2013)
Secretary, Division of History and Social Sciences (AY 2013-2014; AY 2017-2018)
Search Committee, Department of Anthropology (Spring 2014)
Search Committee, Department of Psychology (Spring 2009)

Co-organizer, Social Science Summer Workshop Series (Summer 2008)
Search Committee, Department of Anthropology (Spring 2008)
Financial Aid and Admissions Committee (AY 2007-2009)

INVITED JOURNAL, PRESS, AND GRANT REVIEW

American Sociological Review	Journal of Women and Minorities in Science and Engineering
American Journal of Sociology	Social Science Research
Administrative Science Quarterly	Socio-Economic Review
Social Forces	Industry and Innovation
Gender and Society	National Science Foundation
Work and Occupations	Oxford University Press
Economic Geography	Women's Health Issues
Research Policy	Sociology Compass
Organization Science	Sociological Perspectives
Journal of Technology Transfer	Research in the Sociology of Work

PROFESSIONAL ASSOCIATION AFFILIATIONS

American Sociological Association
Academy of Management
International Network for Social Network Analysis
Sociologists for Women in Society (SWS)
Pacific Sociology Association