

Alison Gemmill, PhD, MPH

Last updated: May 2020

CONTACT INFORMATION	Johns Hopkins Bloomberg School of Public Health 615 N. Wolfe Street, Room E4148 Baltimore, MD 21205	Work: 410-955-3384 E-mail: agemmill@jhu.edu WWW: www.alisongemmill.com
ACADEMIC APPOINTMENTS	<i>Assistant Professor</i> Department of Population, Family and Reproductive Health Johns Hopkins Bloomberg School of Public Health <i>Assistant Professor</i> Program in Public Health Department of Family, Population & Preventive Medicine Stony Brook University	May 2019 - Nov 2017 - Apr 2019
EDUCATION	<i>Ph.D. Demography</i> University of California, Berkeley • Dissertation: <i>Biosocial Pathways of Reproductive Outcomes in the United States</i> • Committee: Joshua Goldstein (chair), Jennifer Johnson-Hanks, Ralph Catalano <i>M.A. Demography</i> University of California, Berkeley <i>M.P.H. Maternal and Child Health</i> University of California, Berkeley • Thesis: <i>Residential proximity to methyl bromide use and birth outcomes in an agricultural population in California</i> <i>B.A. Geography</i> University of California, Los Angeles	2017 2012 2011 2004
RESEARCH INTERESTS	<i>Fertility and the family:</i> childlessness and infertility, fertility intentions and behavior, family planning <i>Life course and perinatal epidemiology:</i> developmental origins of health and disease, fetal loss, birth outcomes, biodemography of aging <i>Population health metrics:</i> maternal mortality, demographic methods, statistical demography	
FELLOWSHIPS & AWARDS	2016 Liberty Mutual Best Paper Award *This annual award recognizes the paper published in <i>Ergonomics</i> that best contributes to the advancement of the practice of ergonomics.	

	<p>Doctoral Completion Fellowship (\$18,000 per annum), University of California, Berkeley, 2016-2017</p> <p>Dowdle Fellowship (\$3,000), University of California, Berkeley, 2016</p> <p>National Institute on Aging Training Grant (T32-AG000246) (\$22,920 per annum), National Institutes of Health, 2015-2016</p> <p>Dowdle Fellowship (\$5,000), University of California, Berkeley, 2015</p> <p>National Institute of Child Health and Human Development Training Grant (T32-HD007275) (\$22,000 per annum), National Institutes of Health, 2011-2015</p> <p>Suzanne Llewellyn Center for Occupational and Environmental Health Award (\$5000), 2012-2013</p> <p>Council of Women World Leaders Public Health Policy Graduate Fellow (\$3000), 2010</p>
RESEARCH SUPPORT, CURRENT	<p>Generating and validating state-level estimates of fertility determinants. (\$27,000; PI: Gemmill A.) Social Security Administration, 2020.</p> <p>COVID-19 in US counties: Does public health preparedness bend the curve? (\$10,000; Co-PI with Bishai D). Hopkins Population Center Pilot Project, 2020.</p>
RESEARCH SUPPORT, PENDING	<p>Health disparity or survival advantage? The case of non-Hispanic Black preterm births. (Co-I; PI: Bruckner T). NIH R01. Submitted February 2020.</p> <p>Pregnancy-associated mortality and morbidity due to drugs, self-harm, and violence in the United States. (Co-I; PIs: Margerison C and Goldman-Mellor S). NIH R01. To be resubmitted July 2020.</p> <p>The effects of opioid-related mortality on fertility in the United States. (Co-I; PIs: Bozick R and Peet E). NIH R21. To be resubmitted July 2020.</p>
RESEARCH SUPPORT, COMPLETE	<p>The post-recessionary baby bust and the future of US fertility. (\$35,000; PI: Gemmill A). Peter G. Peterson Foundation, 2018-2019.</p> <p>Do psychosocial and behavioral factors shorten the “long arm of childhood?” A mediation and moderation analysis. (\$5,000; Co-I; PI: Puterman E). NIA-funded Stress Measurement Network pilot project, 2015-2016.</p>
OTHER PROFESSIONAL EXPERIENCE & CONSULTING	<p>Consultant, World Health Organization, 2017-current</p> <p>Graduate Student Researcher, Daniel Schneider, UC Berkeley Sociology, 2016</p> <p>Consultant, World Health Organization and World Bank, 2011-2015</p> <p>Graduate Student Researcher, Sylvia Guendelman, UC Berkeley School of Public Health, 2015</p> <p>Consultant, The DHS Program, ICF International, 2014</p> <p>Graduate Student Researcher, Center for Children’s Environmental Health Research, UC Berkeley School of Public Health, 2009-2011</p>

Summer Fellow, World Health Organization, 2010

Senior Research Assistant, Guttmacher Institute, 2006-2009

Research Assistant-Geographic Information Systems, UCLA School of Public Health, 2003-2004

REFEREED

JOURNAL
PUBLICATIONS

38. Puterman E, Weiss J, Hives B, **Gemmill A**, Karasek D, Mendes WB, Rehkopf D. Predicting mortality from 57 economic, behavioral, social, and psychological factors. *Proceedings of the National Academy of Sciences*; conditionally accepted.
37. Hartnett CS, **Gemmill A**. (2020). Women's childbearing intentions and the future of U.S. fertility rates. *Demography*; conditionally accepted.
36. Catalano RA, Goldman-Mellor S, Karasek DA, **Gemmill A**, Casey JA, Elser H, Bruckner TA, Hartig T. (2020). Collective optimism and selection against male twins *in utero*. *Twin Research and Human Genetics*; in press. PMID: 31983362.
35. Saxton KB, **Gemmill A**, Casey JA, Elser H, Karasek D, Catalano R. (2019). Reproductive suppression and longevity in human birth cohorts. *American Journal of Human Biology*; in press. PMID: 31808608.
34. **Gemmill A**, Catalano R, Casey JA, Karasek D, Alcalá HE, Elser H, Torres JM. (2019). Association of preterm births among US Latina women with the 2016 presidential election. *JAMA Network Open*; 2(7):e197084. PMID: 31322687.
*Covered by the Washington Post, CNN, ABC News, and other outlets.
*Commentary by Montoya-Williams D, Fuentes-Afflick E. (2019). Political Determinants of Population Health. *JAMA Network Open*; 2(7):e197063.
33. **Gemmill A**, Kiang MV, Alexander MJ. (2019). Trends in pregnancy-associated mortality involving opioids in the United States, 2007-2016. *American Journal of Obstetrics & Gynecology*; 220(1):115-116. PMID: 30273587.
32. **Gemmill A**. (2019). From some to none? Fertility expectation dynamics of permanently childless women. *Demography*; 56(1):129-149. PMID: 30430426.
31. Casey JA, **Gemmill A**, Elser H, Karasek D, Catalano R. (2019). Sun smoke in Sweden: Perinatal implications of the Laki volcanic eruptions, 1783-1784. *Epidemiology*; 30(3):330-333. PMID: 30789427.
30. Catalano R, **Gemmill A**, Bruckner T. (2019). A test of famine-induced developmental programming in utero. *Journal of Developmental Origins of Health and Disease*; 10(3):368-375. PMID: 30394257.
29. Catalano R, Bruckner T, Avalos LA, Stewart H, Karasek D, Kariv S, **Gemmill A**, Saxton K, Casey J. (2019). Understanding periviable birth: A microeconomic alternative to the dysregulation narrative. *Social Science & Medicine*; 233:281-284. PMID: 29274689.
28. **Gemmill A**. (2018). Perceived subfecundity and contraceptive use among young adult U.S. women. *Perspectives on Sexual and Reproductive Health*; 50(3):119-127. PMID: 29969174.

27. **Gemmill A**, Bradley SEK, van der Poel S. (2018). Reduced fecundity in HIV-positive women. *Human Reproduction*; 33(6):1158-1166. PMID: 29579247.
26. Casey JA, **Gemmill A**, Karasek D, Ogburn EL, Goin DE, Morello-Frosch R. (2018). Increase in fertility following coal and oil power plant retirements in California. *Environmental Health*; 17(1):44. PMID: 29720194.
*Covered online by TIME, CBS News, Yahoo News, and other outlets
25. Catalano R, **Gemmill A**, Casey J, Karasek D, Stewart H, Saxton K. (2018). Separating the Bruce and Trivers-Willard effects in theory and in human data. *American Journal of Human Biology*; 30(2):e23074. PMID: 29083077.
24. **Gemmill A**, Catalano R. (2017). Do post-reproductive aged females promote maternal health? Preliminary evidence from historical populations. *Evolution, Medicine, and Public Health*; 2017(1):136-143. PMID: 29593869.
*Editor's choice
23. Guendelman S, **Gemmill A**, Thornton D, Walker D, Harvey M, Walsh J, Perez-Cuevas R. (2017). Prevalence, disparities, and determinants of primary cesarean births among first-time mothers in Mexico. *Health Affairs*; 36(4):714-722. PMID: 28373338.
22. Guendelman S, Broderick A, Mlo H, **Gemmill A**, Lindeman D. (2017). Listening to Communities: Mixed method study of the engagement of disadvantaged mothers and pregnant women with digital health technologies. *Journal of Medical Internet Research*; 19(7):e240. PMID: 28679489.
21. Alkema L, Zhang S, Chou D, **Gemmill A**, Moller AB, Fat DM, Say L, Mathers CD, Hogan D. (2017). A Bayesian approach to the global estimation of maternal mortality. *The Annals of Applied Statistics*; 11(3):1245-1274.
20. Guendelman S, **Gemmill A**, Hosang N, MacDonald LA. (2017). Physical and organizational job stressors in pregnancy and associations with primary cesarean deliveries. *Journal of Occupational and Environmental Medicine*; 59(6):571-577. PMID: 28137753.
19. Smarr MM, Sapra KJ, **Gemmill A**, et al. (2017). Is human fecundity changing? A discussion of research and data gaps precluding us from having an answer. *Human Reproduction*; 32(3):499-504. PMID: 28137753.
18. Saxton KB, **Gemmill A**, Catalano RA. (2017). Reproductive suppression follows threats to child survival. *Journal of Evolutionary Biology*; 30(5):889-897. PMID: 28267227.
17. Schneider D, **Gemmill A**. (2016). The surprising decline in the non-marital fertility rate in the United States. *Population and Development Review*; 42(4):627-649.
16. Guendelman S, **Gemmill A**, MacDonald LA. (2016). Biomechanical and organizational stressors and associations with employment withdrawal among pregnant workers: evidence and implications. *Ergonomics*. 59(12):1613-1624. PMID: 27119569.
*2017 Liberty Mutual Award for best paper published in *Ergonomics* in 2016

15. Puterman E, **Gemmill A**, Karasek D, Weir D, Adler NE, Prather AA, Epel ES. (2016). Lifespan adversity and later adulthood telomere length in the nationally representative US Health and Retirement Study. *Proceedings of the National Academy of Sciences*; 113(42):E6335-E6342. PMID: 27698131.
*Covered online by TIME, CBS News, Daily Mail, and other outlets
14. Catalano RA, Saxton KB, **Gemmill A**, Hartig T. (2016). Twinning in Norway following the Oslo massacre: Evidence of a ‘Bruce Effect’ in humans. *Twin Research and Human Genetics*; 19(5):485-491. PMID: 27453297.
13. Alkema L, Chou D, Hogan D, Zhang S, Moller AB, **Gemmill A**, Fat DM, Boerma T, Temmerman M, Mathers CD, Say L. (2016). Global, regional, and national levels and trends in maternal mortality between 1990 and 2015, with scenario-based projections to 2030: a systematic analysis by the UN Maternal Mortality Estimation Inter-Agency Group. *Lancet*; 387(10017):462-474. PMID: 26584737.
12. Falconi A, **Gemmill A**, Karasek D, Goodman J, Anderson B, Lee M, Bellows B, Catalano R. (2016). Stroke-attributable death among older persons during the Great Recession. *Economics & Human Biology*; 21:56-63. PMID: 26744999.
11. Catalano R, Goodman J, Margerison-Zilko C, Falconi A, **Gemmill A**, Karasek D, Anderson E. (2016). Timing of birth: parsimony favors strategic over dysregulated parturition. *American Journal of Human Biology*; 28(1):31-35. PMID: 25998321.
10. **Gemmill A**, Falconi A, Karasek D, Hartig T, Anderson E, Catalano R. (2015). Do macro-economic contractions induce or ‘harvest’ suicides? A test of competing hypotheses. *Journal of Epidemiology and Community Health*; 69(11):1071-1076. PMID: 26188057.
9. Karasek D, Goodman J, **Gemmill A**, Falconi A, Hartig T, Magganas A, Catalano R. (2015). Twins less frequent than expected among male births in risk averse populations. *Twin Research and Human Genetics*; 18(3):314-320. PMID: 25917386.
8. Margerison-Zilko CE, Goodman JM, Anderson E, **Gemmill A**, Catalano RA. (2015). Post-term birth as a response to environmental stress: The case of September 11, 2001. *Evolution, Medicine, and Public Health*; 2015(1):13-20. PMID: 25595852.
7. Say L, Chou D, **Gemmill A**, Tunçalp Ö, Moller AB, Daniels J, Gülmezoglu AM, Temmerman M, Alkema L. (2014). Global causes of maternal death: a WHO systematic analysis. *Lancet Global Health*; 2(6):e323-e333. PMID: 25103301.
*Journal’s most cited article
*Covered online by The Guardian and other news outlets
6. Falconi A, **Gemmill A**, Dahl RE, Catalano R. (2014). Adolescent experience predicts longevity: evidence from historical epidemiology. *Journal of Developmental Origins of Health and Disease*; 5(3):171-177. PMID: 24901655.
5. Catalano R, Karasek D, **Gemmill A**, Falconi A, Goodman J, Magganas A, Hartig T. (2014). Very low birthweight: dysregulated gestation versus evolutionary adaptation. *Social Science & Medicine*; 108:237-242. PMID: 24593927.
*Commentary by Schooling CM. (2014). Sexual selection as a driver of population health. *Social Science & Medicine*; 108:243-245.

4. **Gemmill A**, Lindberg LD. (2013). Short interpregnancy intervals in the United States. *Obstetrics & Gynecology*; 122(1):64-71. PMID: 23743455.
3. **Gemmill A**, Gunier RB, Bradman A, Eskenazi B, Harley KG. (2013). Residential proximity to methyl bromide use and birth outcomes in an agricultural population in California. *Environmental Health Perspectives*; 121(6):737-743. PMID: 23603811.
 *Feature article in journal's Science Selections section (*Environ Health Perspect* 121:A198 (2013))
 *Children's Environmental Health Network article of the month (July 2013)
 *Covered online by Scientific American, The Huffington Post, and other news outlets
2. Landry DJ, Lindberg LD, **Gemmill A**, Boonstra H, Finer LB. (2011). Review of the role of faith- and community-based organizations in providing comprehensive sexuality education. *American Journal of Sexuality Education*; 6(1):75-103.
1. Lindberg LD, Sonfield A, **Gemmill A**. (2008). Reassessing adolescent male sexual and reproductive health in the United States: research and recommendations. *American Journal of Men's Health*; 2(1):40-56.

OTHER

- PUBLICATIONS
7. MacQuarrie KLD, Juan C, Allen C, Zweimueller S, **Gemmill A**. (2019). *Women's Contraceptive Profiles Throughout the Life Course in Burundi and Nepal*. DHS Analytical Studies No. 72. Rockville, MD, USA: ICF International.
 6. World Health Organization, UNICEF, UNFPA, The World Bank, and UN Population Division. (2019). *Trends in Maternal Mortality: 2000 to 2017*. Geneva: World Health Organization.
Corporate authorship; contributed to estimation exercise
 5. **Gemmill A**, Hartnett CS. (2019). Demographic drivers of the post-recessionary fertility decline and the future of U.S. fertility. Working paper. US2050 Project supported by the Peter G. Peterson Foundation.
 4. World Health Organization, UNICEF, UNFPA, The World Bank, and UN Population Division. (2015). *Trends in Maternal Mortality: 1990 to 2015*. Geneva: World Health Organization.
Corporate authorship; contributed to estimation exercise
 3. MacQuarrie KLD, Bradley SEK, **Gemmill A**, Staveteig S. (2014). *Contraceptive Dynamics Following HIV Testing*. DHS Analytical Studies No. 47. Rockville, MD, USA: ICF International.
 2. World Health Organization, UNICEF, UNFPA, The World Bank, and UN Population Division. (2014). *Trends in Maternal Mortality: 1990 to 2013*. Geneva: World Health Organization.
Corporate authorship; contributed to estimation exercise
 1. World Health Organization, UNICEF, UNFPA, and The World Bank. (2012). *Trends in Maternal Mortality: 1990 to 2010*. Geneva: World Health Organization.
Corporate authorship; contributed to estimation exercise

- UNDER REVIEW **Gemmill A**, Sedlander E, Bornstein M. Variation in self-perceived fecundity among young adult US women. (Revise and resubmit at *Women's Health Issues*.)
- Gemmill A**, Cowan SK. Low perceived susceptibility to pregnancy as a reason for contraceptive nonuse among women with unplanned births. (Revise and resubmit at *Perspectives on Sexual and Reproductive Health*.)
- Gemmill A**, Hartnett CS. Demographic drivers of the post-recessionary fertility decline and the future of U.S. fertility.
- Gemmill A**, Catalano R, Alcalá H, Karasek D, Casey JA, Elser H, Bruckner TA. The 2016 presidential election and periviable births among Latina women. (Under review.)
- Elser H, **Gemmill A**, Casey JA, Karasek D, Bruckner TA, Mayo JA, Lee HC, Shaw GM, Catalano R. The relationship between live and stillbirths in the periviable period. (Revise and resubmit at *Annals of Epidemiology*.)
- Søndergaard MM, et al. Adverse pregnancy outcomes and risk of atherosclerotic cardiovascular disease in postmenopausal women: The Women's Health Initiative. (Revise and resubmit at *JAMA Cardiology*.)
- Bell SO, **Gemmill A**. Pregnancy risk perceptions and contraceptive use in Nigeria, Côte d'Ivoire, and Rajasthan. (Under review.)
- Samari G, Catalano R, Alcalá H, **Gemmill A**. The Muslim Ban and birth outcomes in the USA: Analysis of vital statistics data from 2009 to 2017. (Under review.)
- Catalano R, **Gemmill A**, Bruckner T, Casey J, Saxton K, Ncube CN, Karasek D, Catalano R. Unemployment and the disparity between African American and Non-Hispanic white periviable births. (Under review.)
- Bruckner T, Gailey S, Das A, **Gemmill A**, Casey J, Catalano R, Shaw G, Zeitlin J. A test of fetal death as a competing risk for early neonatal death in California, 1989-2015. (Under review.)
- Peterson E, Chou D, Moller AB, **Gemmill A**, Say L, Alkema L. Estimating maternal mortality using data from national civil registration vital statistics systems: A Bayesian hierarchical bivariate random walk model to estimate sensitivity and specificity of reporting. (Under review.)
- IN PREPARATION **Gemmill A**, Bradley SEK, Bell SO. New population-level evidence on the return of fertility following contraceptive discontinuation.
- Gemmill A**, Weiss J. Fertility history and incident dementia in the U.S. Health and Retirement Study.
- Gemmill A**, Hartnett CS. Examining changing childbearing expectations during the post-recessionary period.
- Gemmill A**, et al. Global and regional levels and trends in adolescent maternal mortality.
- Young AM, Catalano R, **Gemmill A**. The 2016 presidential election and prenatal care utilization among Latina women.
- Berger B, Bornstein M, Sedlander E, Zimmerman L, **Gemmill A**. Self-perceptions of

pregnancy risk: A mixed-methods systematic review

Alkema L, et al. Scenario-based projections of global, regional, and national levels and trends in maternal mortality in the SDG era and deaths associated with unintended births: a systematic analysis by the UN Maternal Mortality Inter-Agency Group.

Leone T, Brown L, **Gemmill A**. Timing of menopause in low and middle-income countries.

Weiss J, Rehkopf D, **Gemmill A**, Karasek D, Mendes WB, Epel ES, Puterman E. Machine-driven determinants of telomere length.

TEACHING

Co-Instructor

2020, 2nd term: Critiquing the Research Literature in Maternal, Neonatal, and Reproductive Health, Johns Hopkins Bloomberg School of Public Health (with Donna Strobino)

Guest Co-Instructor

2019, 2nd term: Critiquing the Research Literature in Maternal, Neonatal, and Reproductive Health, Johns Hopkins Bloomberg School of Public Health (with Donna Strobino)

Guest Lecturer/Instructor

2020: "Interpregnancy intervals," Reproductive and Perinatal Epidemiology, Johns Hopkins Bloomberg School of Public Health

2020: "Measurement of maternal mortality," Advanced Demographic Methods in Public Health, Johns Hopkins Bloomberg School of Public Health

2019: "US fertility: past, present, future," Social and Economic Aspects of Human Fertility, Johns Hopkins Bloomberg School of Public Health

2019: "Is breast truly best? breastfeeding and causal inference," Causation, Johns Hopkins Bloomberg School of Public Health

2019: "Infant and maternal mortality," Second-year Doctoral Seminar in Population, Family and Reproductive Health, Johns Hopkins Bloomberg School of Public Health

2019: "Maternal mortality: global and national perspectives," MPH course Demography and Global Health, Stony Brook University

2019: "Maternal mortality: global and national perspectives" Preventive Medicine Residency Seminar, Stony Brook University

2019: "Levels, trends, and determinants of maternal and perinatal health outcomes in the United States," Clinical Outcomes Research. Stony Brook University

2018: "Levels, trends, and determinants of maternal and perinatal health outcomes in the United States," Clinical Outcomes Research. Stony Brook University

2016: "Demography and public health," Epidemiology Doctoral Seminar. UC Berkeley

2013: "Global estimates of maternal mortality," Measurement Seminar in Reproductive Health. UC Berkeley

Graduate Student Instructor

2012-13: Social Consequences of Population Dynamics, Departments of Demography & Sociology, UC Berkeley

Graduate Student Reader

2013-14: Economic Demography, Department of Demography, UC Berkeley

CONFERENCE
PROCEEDINGS

Gemmill A, Hartnett CS. Examining changing childbearing expectations during the post-recessionary period. Population Association of American Annual Meeting. April 2020. *Canceled due to COVID-19*.

Gemmill A, Cowan SK. Low perceived susceptibility to pregnancy as a reason for unprotected intercourse among women with unplanned births. Population Association of American Annual Meeting. April 2020. *Canceled due to COVID-19*.

Gemmill A, et al. Increase in preterm births at the limits of viability after the 2016 presidential election. 4th Annual Population Health Science Workshop. Philadelphia, PA, December, 2019. (With travel scholarship.)

Gemmill A, Catalano R, Casey JA, Karasek D, Alcalá H, Elser H, Torres JM. Increase in preterm births among US Latina women after the 2016 presidential election. Society for Epidemiologic Research Annual Meeting. Minneapolis, MN. June 2019.

Gemmill A. Variation in achieved and intended fertility and demographic scenarios for future fertility. Population Association of American Annual Meeting. Austin, TX. April 2019

Søndergaard MM, et al. (Non-presenter). Adverse pregnancy outcomes and cardiovascular disease in the mother: The Women's Health Initiative (WHI). AHA Quality of Care and Outcomes Research. Arlington, VA. April 2019.

Gemmill A. Adolescent deprivation in Norway during the German occupation and subsequent cohort mortality. Interdisciplinary Association for Population Health Sciences Annual Meeting. Washington, DC. Oct 2018.

Gemmill A. Can I get pregnant? Understanding variation in women's perceived fecundity. IUSSP conference on the Postponement of Parenthood. Lake Como, Italy. Sept 2018. (With travel scholarship.)

Catalano R, **Gemmill A** (presenter), Bruckner TA. Fetal origins of population health: counterintuitive findings. Population Association of American Annual Meeting. Denver, CO. April 2018.

Peterson E, Chou D, Moller AB, **Gemmill A**, Barreix M, Alkema L. (Poster) A systematic assessment of underreporting and misclassification in registration of maternal deaths. Population Association of American Annual Meeting. Denver, CO. April 2018.

Gemmill A. "I can't get pregnant anyway:" Perceived subfecundity and nonuse of contraception. Population Association of America Annual Meeting. Chicago, IL. April 2017.

Gemmill A, Bradley SEK. New population-level evidence on time to pregnancy following contraceptive discontinuation: Does contraceptive type matter? Population Association of America Annual Meeting. Chicago, IL. April 2017.

Weiss J, Rehkopf DH, Karasek D, **Gemmill A**, et al. (Non-presenter.) Determinants of telomere length: A random forest analysis. Population Association of America Annual Meeting, Chicago, IL, April 2017.

Schneider D, **Gemmill A** (Non-presenter). The surprising decline in the non-marital fertility rate: description and preliminary explanation. American Sociological Association Annual Meeting, Seattle, WA, August 2016.

Gemmill A. (Poster). Estimating subfecundity in longitudinal social surveys. Population Association of America Annual Meeting, Washington, DC, April 2016.

Falconi A, **Gemmill A**, et al. (Non-presenter.) Stroke-attributable death among older persons during the Great Recession. Population Association of America Annual Meeting, San Diego, CA, April 2015.

Alkema L, Chou D, Fat DM, **Gemmill A**, et al. (Presenter.) Estimating time trends in maternal mortality for all countries: A revised modeling approach. Population Association of America Annual Meeting, San Diego, CA, May 2015.

Gemmill A, Hepburn P, Chudnovskaya M. (Non-presenter.) Women's household income contributions and higher-order births in the United States. European Population Conference, Budapest, Hungary, June 2014.

Gemmill A, Hepburn P, Chudnovskaya M. (Poster.) Women's household income contributions and higher-order births in the United States. Population Association of America Annual Meeting, Boston, MA, May 2014.

Gemmill A, Hepburn P, Chudnovskaya M. (Non-presenter.) Women's household income contributions and higher-order births in the United States. International Union for the Scientific Study of Population, Busan, South Korea, August 2013.

Gemmill A, Bradley SEK, Vanderpoel S. Measuring time to pregnancy HIV-positive women: Results from demographic and health surveys. International Union for the Scientific Study of Population, Busan, South Korea, August 2013.

Hepburn P, **Gemmill A**, Chudnovskaya M. (Non-presenter.) Women's household income contributions and higher-order births in the United States. American Sociological Association Annual Meeting, New York, NY, August 2013.

Falconi A, **Gemmill A**, Dahl R, Catalano R. (Poster.) Adolescent experience affects longevity: Evidence from historical epidemiology. Population Association of America Annual Meeting, April 2013.

Gemmill A, Lindberg LD. (Poster.) Short interpregnancy intervals in the United States. Population Association of America Annual Meeting, New Orleans, LA, April 2013. (Declined.)

INVITED TALKS

Gemmill A. The postrecessionary fertility decline and the future of US fertility. Invited speaker, Bowling Green State University Symposium on Declining Fertility in the US: Interpretations, Predictions, and Implications, April 2020. (*Canceled due to COVID-19*).

Gemmill A. The postrecessionary fertility decline and the future of US fertility. Population Connection, Washington, DC, February 2020.

Gemmill A. Understanding the recent US fertility decline. Social Security Advisory Board's (SSAB) Technical Panel on Assumptions and Methods (TPAM) February Meeting, February 2019.

Gemmill A. Using a biosocial approach to understand women's health over the life course. Johns Hopkins Bloomberg School of Public Health, October 2018.

Gemmill A. Stony Brook's Program in Public Health. CUNY School of Medicine

(CUNY Cancer Research Training Workshop for Global and U.S. Special Populations), October 2018.

Gemmill A. “I can’t get pregnant anyway:” Perceived subfecundity and nonuse of contraception. Stony Brook Program in Public Health, March 2017.

Gemmill A. “I can’t get pregnant anyway:” Perceived subfecundity and nonuse of contraception. USC Dornsife Center for Economic and Social Research, February 2017.

Goldstein J, **Gemmill A.** (Non-presenter.) Compositional changes in contemporary human populations: What can we learn about fecundity from changing birth rates? NICHD meeting: “Is human fecundity changing?” Bethesda, MD, September 2015.

ADVISING AND MENTORING

Postdoctoral Scholars

- Dr. Blair Berger, 2019–

Doctoral Students

- Carrie Wolfson, PhD Student, PFRH, 2019–
Co-advised by: Donna Strobino
- Dana Sarnak, PhD Student, PFRH, 2019–
Co-advised by: Stan Becker

MSPH and MPH Students

- Paris Lowe, MSPH, PFRH, 2019–
- Jessica Spinali, MPH, 2019–2020
- Omar Dzaye, MPH, 2019–2020
- Laura Mansilla, MPH Capstone, 2019–2020

PROFESSIONAL SERVICE

Academic editor: PLOS One

Session Chair: Population Association of America Annual Meeting (2020), Session 103: Fertility Timing and the Life Course (*Canceled due to COVID-19*)

Discussant: Population Association of America Annual Meeting (2020), Session: Prenatal Demography (*Canceled due to COVID-19*)

Session Chair: Population Association of America Annual Meeting (2019), Session 248: Determinants of Adolescent Health

Abstract reviewer, Interdisciplinary Association for Population Health Sciences Annual Meeting (2019)

Abstract reviewer, American Public Health Association Annual Meeting (2019)

Session Chair: Population Association of America Annual Meeting (2014), Session 158: Statistical Demography

Member, Maternal Mortality Estimation Inter-Agency Group

Member, Catalano Research Group, School of Public Health, UC Berkeley

ACADEMIC SERVICE	<p>Faculty mentor, Maternal and Child Health Center of Excellence, Johns Hopkins Bloomberg School of Public Health, 2019-present</p> <p>Member, PFRH masters committee, Johns Hopkins Bloomberg School of Public Health, 2019-present</p> <p>Member, Recruitment committee, Program in Public Health, Stony Brook University, 2018-2019</p>
PEER REVIEW	<p><i>American Journal of Human Biology, American Journal of Sociology, American Sociological Review, BMJ, Demography, European Journal of Population, International Journal of Health Policy and Management, International Perspectives on Sexual and Reproductive Health, JAMA Network Open, JMIR Research Protocols, Journal of Biosocial Science, Journal of Developmental Origins of Health and Disease, Journal of Economic Education, Journal of Epidemiology and Community Health, Journal of the International Association of Providers of AIDS Care, Journal of Pregnancy, Journal of Women's Health, Obstetrics and Gynecology International, Paediatric and Perinatal Epidemiology, Perspectives on Sexual and Reproductive Health, PLOS One, Population Research and Policy Review, Proceedings of the Royal Society of London B: Biological Sciences, Science of the Total Environment, Sleep Health, Social Science & Medicine, Women's Health Issues, Women's Health Reports, World Development, World Medical and Health Policy</i></p>
PROFESSIONAL MEMBERSHIPS	<p>Population Association of America</p> <p>International Union for the Scientific Study of Population</p> <p>Society of Family Planning</p> <p>Interdisciplinary Association for Population Health Science</p> <p>American Sociological Association</p> <p>American Public Health Association</p> <p>Evolutionary Demography Society</p>
ADDITIONAL TRAINING	<p>RAND Summer Institute (with travel scholarship), July 2014</p> <p>- Mini-medical School for Social Scientists</p> <p>- Demography, Economics, Psychology, and Epidemiology of Aging Conference</p> <p>Stanford Workshop in Formal Demography, March 2014</p> <p>Stanford Workshop in Biodemography, May 2013</p>