

Kathryn Kost

The Guttmacher Institute · 125 Maiden Lane · New York, NY 10038
(212) 248-1111 · kkost@guttmacher.org

EDUCATION

Princeton University, Princeton, New Jersey

Ph.D., Sociology, 1990; Area of Specialization: Demography

Reed College, Portland, Oregon

Bachelor of Arts, Sociology, 1982

PROFESSIONAL EXPERIENCE

The Guttmacher Institute, New York, New York

Director of Domestic Research 2016-present

Director, Guttmacher Center for Population Research Innovation and Dissemination 2017-present

Acting Vice President of Domestic Research 2018 - 2020

Principal Research Scientist 2015-2016

Senior Research Associate, 1989-1998, 2009-2015

Consultant, 2004-2009

Gynuity Health Projects, New York, New York

Consultant, 2009

Princeton University, Princeton, New Jersey

Teaching Assistant, Introductory Statistics (graduate-level), Woodrow Wilson School, 1986-1988

East-West Population Institute, Population Research Division, University of Hawaii, Honolulu, HI

Research Intern, 1987

National Academy of Sciences, Institute of Medicine, Washington, D.C.

Research Intern, Committee on Contraceptive Development, 1986

Princeton University, Princeton, New Jersey

NICHD Trainee, Office of Population Research, 1985-1989

American Health Foundation, New York, New York

Head of Data Management, Division of Child Health, 1983-1985

AREAS OF SPECIALIZATION

sexual and reproductive health; measurement and consequences of unintended pregnancy; pregnancy, birth and abortion statistics and surveillance; measurement of contraceptive effectiveness; quantitative data analysis

PEER-REVIEWED PUBLICATIONS

Desai S, Lindberg LD, Maddow-Zimet I, and Kost, K (2021). The Impact of Abortion Underreporting on Pregnancy Data and Related Research. *Maternal and Child Health Journal*, 1-6.

Maddow-Zimet I and Kost K (2020) Effect of changes in response options on reported pregnancy intentions: Findings from a natural experiment in the United States. *Public Health Reports*, 135(3).

Lindberg L, Kost K, Maddow-Zimet I, Desai S, and Zolna M (2020) Abortion Reporting in the United States: An Assessment of Three National Fertility Surveys. *Demography* 57, 899–925. DOI: <https://doi.org/10.1007/s13524-020-00886-4>

Kost K and Zolna M (2019) Challenging unintended pregnancy as an indicator of reproductive autonomy: a response. *Contraception*, 100(1), 5-9. DOI: <https://doi.org/10.1016/j.contraception.2019.04.010>

- Sundaram A, Vaughan B, Kost K, Bankole A, Finer LB, Singh S. (2017). Contraceptive failure in the United States: Estimates from the 2006-2010 National Survey of Family Growth. *Perspectives on Sexual and Reproductive Health*, 49(1):7-16.
- Kavanaugh MK, Kost K, Frohwirth L, Maddow-Zimet I. (2016). Parent's experience of unintended childbearing: A qualitative study of factors that mitigate or exacerbate effects. *Social Science and Medicine*, 174:133-141.
- Lindberg LD, Kost K, Maddow-Zimet I. (2016). The role of men's childbearing intentions in father involvement. *Journal of Marriage and Family*, 79(1):44-59.
- Maddow-Zimet I, Lindberg LD, Kost K, and Lincoln A. (2016). Are pregnancy intentions associated with transitions into and out of marriage? *Perspectives on Sexual and Reproductive Health*, 48(1):35-43, DOI: 10.1363/48e8116
- Vlassoff M, Diallo A, Philbin J, Kost K, Bankole A. (2016) Cost-effectiveness of two interventions for the prevention of postpartum hemorrhage in Senegal. *International Journal of Gynecology & Obstetrics* online, DOI:10.1016/j.ijgo.2015.10.015
- Lindberg LD, Maddow-Zimet I, Kost K, Lincoln A. (2015). Pregnancy intentions and maternal and child health: An analysis of longitudinal data in Oklahoma. *Maternal and Child Health Journal*, 19(5):1087-96.
- Kost K and Lindberg LD. (2014). Pregnancy Intentions, Maternal Behaviors and Infant Health: Investigating Relationships with New Measures and Propensity Score Analysis. *Demography*, 52(1):83-111.
- Lindberg LD and Kost K. (2014) Exploring U.S. men's birth intentions, *Maternal and Child Health Journal*, 18(3): 625-633.
- Kost K, Finer LB, Singh S, (2012) Variation in State Unintended Pregnancy Rates in the United States, *Perspectives in Sexual and Reproductive Health*, 44(1):57-64.
- Kavanaugh MK, Jerman J, Hubacher D, Kost K and Finer LB. (2011). Characteristics of women in the United States who use long-acting reversible contraceptive methods, *Obstetrics & Gynecology*, 117(6):1349-1357.
- Finer LB and Kost K. (2011). Unintended pregnancy rates at the state level, *Perspectives on Sexual and Reproductive Health*, 43(2):78-87.
- Sonfield A, Gold RB, Kost K and Finer LB. (2011). The public costs of births from unintended pregnancies: national and state-level estimates, *Perspectives on Sexual and Reproductive Health*, 43(2):94-102.
- Jones RK, Kost K, Singh S, Henshaw SK and Finer LB. (2009). Trends in abortion in the United States, *Clinical Obstetrics and Gynecology*, 52 (2):119-129.
- Vaughan, B, Trussell J, Kost K, Singh S and Jones R, Discontinuation and resumption of contraceptive use: results from the 2002 National Survey of Family Growth, *Contraception*, 2008, 78(4): 271-283. PMID: PMC2800035
- Santelli J, Lindberg L, Finer LB, Rickert V, Bensyl D, Posner S, Makleff S, Kost K and Singh, S. Comparability of contraceptive prevalence estimates for women from the 2002 Behavioral Risk Factor Surveillance System, *Public Health Reports*, 2008, 123(2):147-154.
- Kost K, Singh S, Vaughan B, Trussell J and Bankole A, Estimates of Contraceptive Failure from the 2002 National Survey of Family Growth, *Contraception*, 2008, 77(1):10-21. PMID: PMC2811396
- Jones RK and Kost K, Underreporting of induced and spontaneous abortion in the United States: an analysis of the 2002 National Survey of Family Growth, *Studies in Family Planning*, 2007, 38(3):187-197.
- Kost K, Landry DJ, and Darroch JE, The effects of pregnancy planning status on birth outcomes and infant care, *Family Planning Perspectives*, 1998, 30(5):223-30.
- Kost K, Landry DJ, and Darroch JE, Predicting maternal behaviors during pregnancy: does intention status matter? *Family Planning Perspectives*, 1998, 30(2):79-88.

- Henshaw SK and Kost K, Abortion patients in 1994-1995: characteristics and contraceptive use, *Family Planning Perspectives*, 1996, 28(4):140-7, 158.
- Kost K and Forrest JD, Intention status of U.S. births in 1988: differences by mothers' socioeconomic and demographic characteristics, *Family Planning Perspectives*, 1995, 27(1):11-7.
- Kost K, The dynamics of contraceptive use in Peru, *Studies in Family Planning*, 1993, 24(2):109-19.
- Kost K and Forrest JD, American women's sexual behavior and exposure to risk of sexually transmitted diseases. *Family Planning Perspectives*, 1992, 24(6):244-54.
- Henshaw SK and Kost K, Parental involvement in minors' abortion decisions, *Family Planning Perspectives*, 1992, 24(5):196-207, 213.
- Kost K and Amin S. Reproductive and socioeconomic determinants of child survival: confounded, interactive, and age-dependent effects, *Social Biology*, 1992, 39(1-2):139-50.
- Kost K, Using the DHS calendar history of events to study the dynamics of contraceptive use. In: Demographic and Health Surveys World Conference, August 5-7, 1991, Washington, D.C.: proceedings. Volume 2. 1991. pp:837-856, Institute for Resource Development/Macro International, Demographic and Health Surveys [DHS]: Columbia, Maryland.
- Trussell J, Hatcher RA, Cates W, Stewart FH, and Kost K, A guide to interpreting contraceptive efficacy studies, *Obstetrics and Gynecology*, 1990, 76(3):558-67.
- Harlap S, Kost K, and Forrest JD, Preventing pregnancy, Protecting health: a new look at birth control choices in the United States. ISBN 0-939253-21-6. 1991. 129 pp. Alan Guttmacher Institute: New York, New York
- Kost K, Forrest JD, and Harlap S, Comparing the health risks and benefits of contraceptive choices, *Family Planning Perspectives*, 1991, 23(2):54-61.
- Kost K, Contraceptive discontinuation in Peru: patterns and demographic implications. Pub. Order No. DA9026411. 1990. 227 pp. University Microfilms International: Ann Arbor, Michigan.
- Zablan Z, Choe MK, Palmore JA, Ahmed T, Alcantara A, and Kost K, Contraceptive method choice in the Philippines, 1973-83. In: Dynamics of Contraceptive Use, edited by Amy O. Tsui and M. A. Herbertson. Journal of Biosocial Science, Supplement, No. 11, 1989. 61-74 pp. Parkes Foundation: Cambridge, England.
- Trussell J, Hatcher RA., Cates W, Stewart FH, and Kost K, Contraceptive failure in the United States: an update, *Studies in Family Planning*, 1990, 21(1):51-54.
- Trussell J, and Kost K, Contraceptive failure in the United States: a critical review of the literature, *Studies in Family Planning*, 1987, 18(5):237-283.
- Walter HJ, Hofman A, Barrett LT, Connelly PA, Kost K, Walk EH, and Rebecca Patterson, "Primary Prevention of Cardiovascular Disease Among Children: Three-Year Results of a Randomized Intervention Trial," in B. Hetzel and G. S. Berenson, eds., *Cardiovascular Risk Factors in Childhood: Epidemiology and Prevention*, New York, NY: Elsevier Science Publishers B.V. (Biomedical Division), 1987.
- Walter HJ, Hofman A, Barrett LT, Connelly PA, and Kost K, Coronary Heart Disease Prevention in Childhood: One-Year Results of a Randomized Intervention Study, *American Journal of Preventive Medicine*, 1986, 2(4):239-245.
- GUTTMACHER PAPERS**
- Maddow-Zimet I, and Kost K, *Pregnancies, Births and Abortions in the United States, 1973–2017: National and State Trends by Age*, New York: Guttmacher Institute, 2021, <https://www.guttmacher.org/report/pregnancies-births-abortion-in-united-states-1973-2017>. DOI: <https://doi.org/10.1363/2021.32709>

Maddow-Zimet I, Kost K, and Finn S. Pregnancies, births and abortions in the United States, 1973–2016: national and state trends by age. Guttmacher Institute, 2020. <https://www.guttmacher.org/report/pregnancies-births-abortion-in-united-states-1973-2017>

Kost K, Maddow-Zimet I and Little AC, Pregnancies and Pregnancy Desires at the State Level: Estimates for 2017 and Trends Since 2012, New York: Guttmacher Institute, 2019 <https://www.guttmacher.org/report/pregnancy-desires-and-pregnancies-state-level-estimates-2017> DOI: <https://doi.org/10.1363/2021.33141>

Kost K, Maddow-Zimet I and Kochhar S, Pregnancy Desires and Pregnancies at the State Level: Estimates for 2014, New York: Guttmacher Institute, 2018 <https://www.guttmacher.org/report/pregnancy-desires-and-pregnancies-state-level-estimates-2014>, <https://doi.org/10.1363/2018.30238>.

Douglas-Hall A, Kost K and Kavanaugh ML, State-Level Estimates of Contraceptive Use in the United States, 2017, New York: Guttmacher Institute, 2018, <https://www.guttmacher.org/report/state-level-estimates-contraceptive-use-us-2017>, <https://doi.org/10.1363/2018.30267>.

Kost K, Maddow-Zimet I, Arpaia A., Pregnancies, Births and Abortions Among Adolescents and Young Women in the United States, 2013: National and State Trends by Age, Race and Ethnicity, New York: Guttmacher Institute, 2017. <https://www.guttmacher.org/report/us-adolescent-pregnancy-trends-2013>

Kost K and Maddow-Zimet I, U.S. Teenage Pregnancies, Births and Abortions, 2011: National Trends by Age, Race and Ethnicity, New York: Guttmacher Institute, 2016.

Kost K and Maddow-Zimet I, U.S. Teenage Pregnancies, Births and Abortions, 2011: State Trends by Age, Race and Ethnicity, New York: Guttmacher Institute, 2016.

Kost K, Unintended Pregnancy Rates at the State Level: Estimates for 2010 and Trends Since 2002, New York: Guttmacher Institute, 2015.

Kost K and Henshaw S, U.S. Teenage Pregnancies, Births and Abortions, 2010: National and State Trends by Age, Race and Ethnicity, New York: Guttmacher Institute, 2014.

Sonfield A and Kost K, Public Costs from Unintended Pregnancies and the Role of Public Insurance Programs in Paying for Pregnancy and Infant Care: Estimates for 2008, New York: Guttmacher Institute, 2013.

Kost K, Unintended Pregnancy Rates at the State Level: Estimates for 2002, 2004, 2006 and 2008, New York: Guttmacher Institute, 2013.

Kost K and Henshaw S, U.S. Teenage Pregnancies, Births and Abortions, 2008: State Trends by Age, Race and Ethnicity, New York: Guttmacher Institute, 2013.

Kost K and Henshaw S, U.S. Teenage Pregnancies, Births and Abortions, 2008: National Trends by Age, Race and Ethnicity, New York: Guttmacher Institute, 2012.

Kost K, Henshaw S and Carlin L, U.S. Teenage Pregnancies, Births and Abortions: National and State Trends and Trends by Race and Ethnicity, New York: Guttmacher Institute, 2010.

Henshaw SK and Kost K, Trends in the Characteristics of Women Obtaining Abortions, 1974 to 2004, New York: Guttmacher Institute, 2008.

OTHER PUBLICATONS

Curtin SC, Abma JC, Kost K. Pregnancy rates for U.S. women continue to drop: an update. NCHS Health E-stat, November 2015. Available at: http://www.cdc.gov/nchs/data/hestat/pregnancy/rates_1990_2010.

EXPERT DECLARATIONS FILED IN US DISTRICT COURTS

Kost, K Declaration in Support of Nevada's Motion to Intervene, Richard W. Deotte et al. v. Alex M. Azar and Nevada. United States District Court for the Northern District of Texas, Forth Worth Division. May 23, 2019.

Kost K, Declaration of Kathryn Kost, for Motion for Preliminary Injunction, Commonwealth of Pennsylvania and State of New Jersey v. Donald J. Trump, Alex M. Azar II, Steven T. Mnuchin and Renee Alexander Acosta. United States District Court for the Eastern District of Pennsylvania. January 7, 2019.

Kost K, Declaration of Kathryn Kost, for Motion for Preliminary Injunction, The State of California; The State of Delaware; The State of Illinois; The State of Maryland, The State of New York; The State of Vermont, The Commonwealth of Virginia, The State of Washington, et. al... v. Alex M. Azar II, R. Alexander Acosta, Steven Mnuchin and The Little Sisters of the Poor; March for Life Education and Defense Fund. United States District Court for the Northern District of California. December 19, 2018.

FELLOWSHIPS

East-West Center, University of Hawaii, Summer Fellowship (1987)

PROFESSIONAL ASSOCIATIONS

Population Association of America

American Sociological Association

PRAMS Steering Committee, New York City Department of Health & Mental Hygiene

Technical Expert Panel, Systematic Review of Contraceptive Care

Editorial Board, International Journal of Population Research

Full Fellow, Society of Family Planning

Member, Social Science and Population Studies Review Panel, National Institutes of Health (2012-2015)

Reviewer, U54 Contraceptive Development Centers Review Panel, National Institutes of Health (2017-2019)

NIH AWARDS

R01 HD092396-01

9/1/2018 – 5/30/2023, Principal Investigator

Advancing Measurement and Understanding of Contraceptive Failure in the United States

Millions of women and men rely on contraceptive failure rates for decisions in their choice of contraception; and clinicians use these rates to counsel clients in those decisions, as well as to establish broad practice guidelines with wide-reaching influence. This project addresses a public health priority to reduce unintended pregnancy through improved measurement and understanding of contraceptive failure. It breaks new ground by applying innovative quantitative and qualitative approaches uniquely suited for addressing challenges faced in previous research on this topic, integrating the existing knowledge base, addressing variation in contraceptive failure rates, and contributing to an underdeveloped area of research by illuminating individual and structural influences on the risk of contraceptive failure. (Ongoing)

R01 HD084473

09/01/16-06/30/21, Co-Investigator

Advancing Measurement and Analysis of Sensitive Behaviors in the United States

To advance the measurement of abortion in the United States through a multi-faceted investigation of abortion underreporting in three national surveys and the design, testing and evaluation of a series of new approaches for improving reporting going forward. (Completed)

R24HD074034-01

2017-2018, Principal Investigator

2013-2017, Co-Investigator

Guttmacher Center for Population Research Innovation and Dissemination

The Center coordinates 17 PhD scientists, policy analysts and communications experts to build on the Guttmacher Institute's long-standing expertise in producing scientific research on fertility and sexual and reproductive health, and clearly and effectively communicating that work to a broad range of key audiences. The Center's core functions include releasing and sharing public-use data sets for other researchers in the field; translating research into formats and language that are broadly accessible to wide audiences; building research collaborations with other Population Centers and colleague organizations; educating the media about population science and how to interpret demographic research; and training of staff in advanced research methods and reproducibility. (Funding completed; Center continues work)

R01 HD068433

09/01/11-08/31/15, Principal Investigator

Advancing Research on the Consequences of Unintended Childbearing

To improve the health and well-being of American families by identifying and clarifying the consequences of unintended childbearing, specifically focusing on the ways in which the pregnancy intention status of a birth affects women's and men's behaviors during and after pregnancy, as well as the health and well-being of infants and children. We constructed a new and more comprehensive measure of pregnancy intention status and employed innovative statistical techniques to provide the most rigorous test to date of the hypothesis that unintended births face a higher risk of negative outcomes than intended ones. (Completed)