

Janet Rosenbaum
<http://janetrosenbaum.org/>

EDUCATION

Ph.D.	Harvard University	Health Policy and Statistics	2008
A.M.	Harvard University	Statistics	2007
A.B.	Harvard University	Physics and Mathematics	1999

Dissertation: “Reborn a virgin: the validity of adolescents’ self-report of their risk behaviors and the efficacy of abstinence pledges as a marker for sexual activity.” Committee: Alan Zaslavsky (chair), Joanne Cox, Michael Ganz, Donald Rubin, Kimberly Thompson.

PROFESSIONAL EXPERIENCE

Research Assistant Professor	University of Maryland Population Research Center	2011–
Faculty Associate	University of Maryland Population Research Center	2010–11
Research Assistant Professor	University of Maryland: Behavioral and Community Health	2010–11
Postdoctoral Fellow	Johns Hopkins Bloomberg School of Public Health	2008–2010
Researcher, part-time	University Illinois at Chicago Institute Health Research and Policy	2007–2008
Summer Associate	RAND Corporation	2006
Research Assistant	Harvard School of Public Health	2002–2006
Head Teaching Fellow	Harvard Statistics Department	2004–2006
Research Assistant	National Bureau of Economic Research	1999–2001
Research Assistant	Harvard Center for Risk Analysis	1998–2000

GRANTS

Principal Investigator, Spencer Foundation. “Suspending society’s obligations: Adolescent school outcomes and risk behaviors under differing school discipline policies.” 2010–12. \$40,000. (5% selected.)

Subcontract to Gates Foundation grant to American Institute of Research. “Second chances: Recovering from poor high school careers.” 25% effort 2010–11.

Survey consultant for preparation of \$25 million National Cancer Institute grant for Human papillomavirus natural history study and pilot study of partners of HPV-linked oral cancer patients (PI Maura Gillison, Ohio State University.) 5% effort, 2010–12.

PUBLICATIONS

Richard B Freeman, Eric Weinstein, Elizabeth Marincola, **Janet Rosenbaum**, Frank Solomon. Competition and careers in biosciences. *Science*. 2001; 2293–2294.

Janet Rosenbaum. Reborn a virgin: Adolescents’ retracting of virginity pledges and sexual histories. *American Journal of Public Health*. 2006; 96:1098–1103
Abstracted in *Perspectives on Sexual and Reproductive Health*. 2006; 38:168.

Janet Rosenbaum. Adolescent risk behavior reporting consistency. *Federal Committee for Statistical Methodology 2007 Research Conference Proceedings*. November 6, 2007.
<http://www.fcsm.gov/07papers/Rosenbaum.VIII-B.pdf>

Janet Rosenbaum. Patient teenagers?: Virginity pledges as a marker for lower sexual activity. *Pediatrics*. 2009 Jan;123(1):e110-20.
Abstracted in *British Medical Journal, Perspectives on Sexual and Reproductive Health, Psychiatry*.

- Janet Rosenbaum.** Truth or consequences: The intertemporal consistency of adolescent self-report on the Youth Risk Behavior Survey. *American Journal of Epidemiology*. 2009 Jun 1;169(11):1388-97.
- James E. Rosenbaum, Jennifer L Stephan, **Janet Rosenbaum.** Beyond one-size-fits-all college dreams: Alternative pathways to desirable careers. *American Educator*. 2010 Fall; 34(3): 2–13.
- Janet Rosenbaum.** Self-reports. *Encyclopedia of Adolescence*. Editor, Roger JR Levesque. Bloomington, IN: Indiana University Press. Forthcoming 2011.
- S Riedel, JH Melendez, AT An, **JE Rosenbaum**, JM Zenilman. Procalcitonin as a Marker for the Detection of Bacteremia and Sepsis in the Emergency Department. *Am J Clin Pathol* 2011;135:182–189.
- Janet Rosenbaum**, Byron Weathersbee. True Love Waits. Do Southern Baptists? Premarital sexual behavior among newly married Southern Baptist Sunday school students. *Journal of Religion and Health*. In Press.
- James Rosenbaum, **Janet Rosenbaum**, and Jennifer L. Stephan. Perfectionist dreams and hidden stratification: Is perfection the enemy of the good? *Frontiers in Sociology of Education.*, ed. Maureen Hallinan, Vol. 1. 2011. In press.
- Janet Rosenbaum.** Gun utopias?: Firearm access and ownership in Israel and Switzerland. Resubmitted.
- Janet Rosenbaum**, Jonathan Zenilman, Eve Rose, Gina Wingood, Ralph DiClemente. Condoms, cash, and cars: Economic factors in low socioeconomic status women’s condom use. Under review.
- Janet Rosenbaum**, Johan Melendez, Ralph DiClemente, Eve Rose, Gina Wingood, Jonathan Zenilman. Telling Truth from Ys: Accuracy of self-reported condom use assessed by a semen Y-chromosome biomarker for unprotected sex. Under review.

WORKING PAPERS

- *Christina Sun, Janet Rosenbaum. What it really costs: HIV and STI risks of financially dependent inner-city women. [C Sun is PhD student mentored by J Rosenbaum]
- Janet Rosenbaum, Ralph DiClemente, Eve Rose, Gina Wingood, Jonathan Zenilman. Jobs, condoms, and sugar daddies: Does employment give disadvantaged adolescent women leverage in sexual bargaining about condom use?
- Janet Rosenbaum. Teaching statistics to the media: How to get your statistics method mentioned on the op-ed page of the Wall Street Journal.
- Janet Rosenbaum, Jacky Jennings, Jonathan Ellen, Laurel Borkovic, J Scott, C Wylie, Anne Rompalo. Giving STIs to friends: Using social network methods to study syphilis and gonorrhea in Baltimore.
- Janet Rosenbaum, Marc Elliott, David Kanouse, Mark Schuster. Mind the parent-adolescent gap: A comparison of parents’ and adolescents’ assessments of parent-initiated sex education.

OTHER PUBLICATIONS

- Creator of “Natural Exponential Families” article in Wikipedia (5400 words). February 22, 2007.
- Janet Rosenbaum. “Evidence-based sex ed: Schools need programs proven to delay teen sex and make it safer — abstinence-only isn’t one of them.” *Baltimore Sun* op-ed. January 16, 2009.
- Janet Rosenbaum. Journal-solicited Author Reply to ‘Virginity pledges may work for some adolescents.’ *Perspectives on Sexual and Reproductive Health*. 2009 Jun; 41(2): 133.

Janet Rosenbaum. Review of *Bayesian Methods for Measures of Agreement*. *Journal of the Royal Statistics Association, Series A*. 2010 Jan; 173(1): 270.

Janet Rosenbaum. “Criticism of O’Donnell misses the mark: Her views on sexual morality should be off limits, but she advocates policies that would hurt the poor.” *Baltimore Sun* op-ed. September 20, 2010.

Robert Cherry and **Janet Rosenbaum**. Teen Employment Crisis: More Support Needed for Work-Based Learning Opportunities. Spotlight on Poverty and Opportunity. <http://www.spotlightonpoverty.org/> May 4, 2011.

FELLOWSHIPS AND HONORS

Finalist, Society for Adolescent Health and Medicine Young Investigators’ Award (one of 4)	2011
NSF travel grant to attend AERA Institute on Statistical Analysis for Education Policy	2011
NIH travel grant to attend Add Health Users’ Conference	2010
Spencer Foundation small grant award (\$40,000, 5% acceptance rate)	2010
National Science Foundation travel grant to France to attend useR conference	2009
Association for Public Policy Analysis and Management (APPAM) best poster award	2008
National Science Foundation travel grant to Germany to attend useR	2008
Harvard GSAS Dissertation Completion Grant	2007
Harvard Graduate Student Council Travel Grant	2006
Harvard Institute for Quantitative Social Sciences Travel Grant	2005–2006
Presidential Instructional Technology Fellowship	2005
Harvard Health Policy Fellowship	2003–2006
Agency for Health Care Research and Quality Fellowship	2002
Schlesinger Institute for Medical Ethics Fellowship, Jerusalem	2001
NSF Summer Mathematics Research Fellowship	1996
NASA Summer Astrophysics Research Fellowship	1995
Harvard College Expository Writing Prize (one of ten in entire freshman class)	1995
Robert Byrd Scholar	1995–1998
National Merit Scholar	1995

CONFERENCE PRESENTATIONS

- “Do degrees matter? Health disparities between bachelors and associates degree holders with similar job quality.” International Conference on Health Policy Statistics, Cleveland, Ohio, October 7, 2011.
- “Suspending Society’s Obligations: Adolescent School Outcomes and Risk Behaviors Under Differing School Discipline Policies.” (poster) Atlantic Causal Inference Conference. Ann Arbor, Michigan, May 19, 2011.
- “Biomarkers for the detection of unprotected sex.” American Association of Public Opinion Researchers, May 2011.
- “Suspending Society’s Obligations: Adolescent School Outcomes and Risk Behaviors Under Differing School Discipline Policies.” Society for Research on Child Development. Montreal, March 31, 2011.
- “Jobs, condoms, and sugar daddies: does employment give disadvantaged adolescent women leverage in sexual bargaining about condom use?” Society for Adolescent Health and Medicine, Seattle, March 30, 2011.
- “Sexual bargaining about condom use among low SES women.” American Public Health Association, Denver, Colorado, November 10, 2010.
- “Pregnancy among women who over-reported condom use as measured by a biomarker for unprotected sex.” American Public Health Association, Denver, Colorado, November 8, 2010.
- “Sexual bargaining about condom use among low SES women.” American Sociological Association, Atlanta, Georgia, August 17, 2010.

- “Suspending society’s obligations: Adolescent school outcomes and risk behaviors in draconian high schools.” Add Health Users Conference, Bethesda, MD, July 23, 2010.
- “Sexual bargaining about condom use among low SES women.” Johns Hopkins Medical Institutions Womens Health Research Groups Symposium on racial and ethnic disparities, Baltimore, MD, July 19, 2010.
- “True Love Waits. Do Southern Baptists?” (with Byron Weathersbee), Midwestern Political Science Association, Chicago, IL, April 25, 2010.
- “Condoms and sugar daddies: condom use among low SES adolescent women who receive spending money from a sexual partner” (with Jonathan Zenilman, Ralph DiClemente, Gina Wingood, and Eve Rose). Eastern Sociological Society, Cambridge, MA, March 18–21, 2010.
- “Giving syphilis to friends: Syphilis social networks in Baltimore,” (with Anne Rompalo and Jacky Jennings). CDC National Sexually Transmitted Disease Prevention Conference, Atlanta, GA, March 8–10, 2010.
- “Talking to the media about matched sampling.” International Conference on Health Policy Statistics, Washington DC, January 20–22, 2010.
- Statistician discussant: “A History and Sociology of Statistics.” American Public Health Association, Philadelphia, PA, November 10, 2009.
- “Talking to the media about statistics.” American Public Health Association, Philadelphia, PA, November 10, 2009.
- “Sexual behavior of Born Again Christians” (round table) (with Byron Weathersbee), American Sociological Association, San Francisco, CA, August 10, 2009.
- “True Love Waits. Do Southern Baptists?” (with Byron Weathersbee), Society for the Study of Social Problems, San Francisco, CA, August 9, 2009.
- “Teen sex and statistics: Will the media report both? A case study.” Joint Statistical Meetings, Washington DC, August 5, 2009.
- “Giving syphilis to friends: Syphilis social network data in Baltimore” (with Anne Rompalo and Jacky Jennings), useR! The R User Conference, Rennes, France, July 8, 2009.
- “Truth or consequences: Adolescent risk behavior reporting consistency,” American Association of Public Opinion Researchers, Hollywood, FL, May 2009.
- “Patient teenagers? A comparison of the sexual behavior of virginity pledgers and matched non-pledgers.” Association for Public Policy Analysis and Management (APPAM) (poster award), Los Angeles, Nov. 7, 2008.
- “Patient teenagers? A comparison of the sexual behavior of virginity pledgers and matched non-pledgers.” American Public Health Association, San Diego, CA, October 28, 2008.
- “Using the R MatchIt package to compare the sexual behavior of virginity pledgers and matched non-pledgers”, useR! The R User Conference, Dortmund, Germany, August 12, 2008.
- “Applications of matched sampling methods to evaluate virginity pledges,” Joint Statistical Meetings, Denver, CO, August 3, 2008.
- “Applications of matched sampling methods to evaluate virginity pledges,” International Conference on Health Policy Research, American Statistics Association, Philadelphia, PA, January 17, 2008.
- “Truth or consequences: Adolescent risk behavior reporting consistency.”, Federal Committee On Statistical Methodology, Washington DC, November 2007.
- “Measuring parent-child agreement (or lack thereof)”, Society for Adolescent Medicine (poster), Denver, March 28, 2007.
- “Adolescent risk behavior reporting consistency on the Youth Risk Behavior Survey,” American Public Health Association, Boston, November 8, 2006.
- “Bayesian methods to correct for inconsistently-reported adolescent risk behaviors on the Youth Risk Behavior Survey,” Joint Statistical Meetings, Seattle, August 9, 2006.
- “Do virginity pledges cause virginity?”, American Public Health Association (poster), Philadelphia, December 13, 2005.
- “Do virginity pledges cause virginity?”, International Conference on Health Policy Research, American Statistics Association, Boston, October 28, 2005.
- “Do virginity pledges cause virginity?”, Joint Statistical Meetings, Minneapolis, August 11, 2005.

INVITED TALKS (alphabetical order)

Brown University Epidemiology Department
Child Trends
Columbia Teachers College Department of Health Behavior Studies
Columbia Department of Reproductive and Sexual Health
Columbia University Statistics Department
George Washington University School of Public Health
Guttmacher Institute
Harvard Institute for Quantitative Social Sciences
Haverford College
Johns Hopkins Epidemiology Department
Johns Hopkins Causal Inference Working Group
Johns Hopkins Sexually Transmitted Disease Center
Mathematica Policy Research
Mt. Holyoke College
New York University Dental School Epidemiology Department
Pomona College
RAND Corporation
Smith College
Stony Brook Public Health Program
Stony Brook Medical School Department of Preventive Medicine
University of Massachusetts Statistics Department

MEDIA APPEARANCES AND ACCOUNTS

Selected print: NY Times, LA Times, UPI, Reuters, Bloomberg, Washington Post, Christianity Today, Al Jazeera, Associated Baptist Press, Boston Herald, Chicago Tribune, Philadelphia Inquirer, Time, Ladies' Home Journal.

Op Eds by: Ellen Goodman, William McGurn, (Wall Street Journal), Faye Flam (Philadelphia Inquirer), Lauren Winner (NY Times), William Saletan (Slate.com), Dan Savage ("Savage Love" syndicated column).

Selected websites: CNN.com (top 3 most emailed), Health.com, FoxNews.com, Time.com, Huffington Post, US News and World Report, Slate, WebMD, Med Page Today (U Penn Medical School).

Selected radio:

Virginity pledges, KPCC (Los Angeles Public Radio) "Air Talk." December 30, 2008.

Virginity pledges, Doctor Radio (Sirius satellite radio) "On Call for Kids." January 7, 2009.

"Evidence-based sex ed: Schools need programs proven to delay teen sex and make it safer abstinence-only isn't one of them." *Baltimore Sun* op-ed. January 16, 2009.

Virginity pledges, WFYI (Indiana Public Radio) "Sound Medicine." February 8, 2009.

WBUR (Boston), WBZ (Boston), WOR (New York), Focus on the Family radio.

Short live interviews: KGO (San Francisco), KFBK (Sacramento), Fox News Radio (San Diego, Omaha, Kansas City, Fort Meyers, Atlanta, Akron, Youngstown, Louisville, Buffalo, Syracuse).

International: La FM (largest station in Colombia), Newstalk radio (Dublin), Corus Radio (Canada), RBG Radio (New Zealand).

Selected television: Today Show (NBC), O'Reilly Factor (Fox News), Saturday Night Live (NBC), ABC News, TVNZ (New Zealand).

PROFESSIONAL MEMBERSHIPS AND SERVICE

Department service Undergraduate program committee: revision of program competencies for CEPH accreditation.
Referee California Healthy Kids Research Review Board, 2010
American Public Health Association: Statistics and Population/Sexual Health sections
American Journal of Public Health, Archives of Pediatrics & Adolescent Medicine,
Developmental Psychology, Journal of the Royal Statistics Association (Series A),
International Journal of Environmental Research and Public Health, Open Access Journal of
Contraception, Reproductive Health, SAHARA Journal, Saudi Medical Journal,
Sociological Methods and Research
Editor Medpedia, medpedia.com
Memberships American Public Health Association, 2003–
American Statistical Association, 2003–
Society for Adolescent Health and Medicine, 2006–
American Sexually Transmitted Diseases Association, 2008–
American Sociological Association, 2009–

MENTORSHIP AND TEACHING EXPERIENCE

University of Maryland, Guest lecture, women's health. December 6, 2010. April 27, 2011.
Johns Hopkins Bloomberg School of Public Health, Guest lecture, Biostatistics Causal Inference
(Elizabeth Stuart). February 25, 2010.
Harvard College, Dunster House, Non-resident tutor in statistics and public health: Academic and
non-academic advising to students with interest in public health and statistics. 2001–2007
Harvard University
Head Teaching Fellow, Introduction to Biostatistics (Bernard Rosner) Spring 2006
Head Teaching Fellow, Introduction to Statistics (Ken Stanley) Fall 2005
Head Teaching Fellow, Introduction to Statistics (David Harrington) Spring 2005
Teaching Fellow, Uncertainty and Statistical Reasoning (Carl Morris) Fall 2004
Course Assistant, Statistics for Leaders (Richard Light) Fall 2003
Head Teaching Fellow, Introduction to Game Theory (Robert Neugeboren) Summer 2002

OTHER EXPERIENCE

Volunteer, Comprehensive Housing Assistance Inc. (CHAI), Baltimore, MD, 2009–2010.
Feline Rescue Association, Baltimore, MD, 2008–2010.
Society of Actuaries Exam in Probability 10/10.
Editor, Satire V (humor magazine), 1998–2000; Editor, Harvard Computer Review, 1995–1997;

STATISTICAL PACKAGES AND COMPUTER LANGUAGES

R/S-Plus, Stata; some SAS, SPSS. C, perl, TeX, awk, sed, Scheme/Lisp, Fortran, HTML.

LANGUAGES

Proficient French, German, Hebrew; some Hungarian.