

## Janet Rosenbaum

Johns Hopkins Bloomberg School of Public Health  
janet@post.harvard.edu  
<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), Donald Rubin, Kimberly Thompson.

### EMPLOYMENT

Postdoctoral Fellow	Johns Hopkins School of Public Health	2008–
Researcher, part-time	Institute for Health Research and Policy, University Illinois at Chicago	2007–2008
Summer Associate	RAND Corporation	2006
Research Assistant	Harvard School of Public Health	2003–2006
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

### PUBLICATIONS

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

Janet E 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. 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 Apr 10 [Epub ahead of print].

Janet Rosenbaum, Marc Elliott, David Kanouse, Mark Schuster. A comparison of parents’ and adolescents’ assessments of parent-initiated sex education. Under review.

Janet Rosenbaum. Self-reports. *Encyclopedia of Adolescence*. Editor, Roger JR Levesque. Bloomington, IN: Indiana University Press. Forthcoming 2011.

## OTHER PUBLICATIONS

- Rosenbaum JE. “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.
- Rosenbaum JE. Reply to Steven Martino letter to editor: Evaluation of RAND virginity pledge research. *Perspectives on Sexual and Reproductive Health*. In Press.
- Rosenbaum JE. Review of Bayesian Methods for Measures of Agreement. *Journal of the Royal Statistics Association, Series A*. In Press.

## FELLOWSHIPS AND HONORS

National Science Foundation travel grant to France to attend useR	2009
Association for Public Policy Analysis and Management (APPAM) poster session 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 college)	1995
Robert Byrd Scholar	1995–1998
National Merit Scholar	1995

## PRESENTATIONS

- Statistician discussant, “A History and Sociology of Statistics.”, American Public Health Association, Philadelphia, PA, November 2009.
- “Talking to the media about statistics.” American Public Health Association, Philadelphia, PA, November 2009.
- “Sexual behavior of Born Again Christians” (round table), American Sociological Association, San Francisco, CA, August 10, 2009.
- “True Love Waits. Do Southern Baptists?”, 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”, useR! The R User Conference, Rennes, France, July 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”, Invited seminar, Columbia University, New York, March 9, 2009.

- “Patient teenagers? A comparison of the sexual behavior of virginity pledgers and matched non-pledgers”, Guttmacher Institute, New York, March 9, 2009.
- “Sex, lies, tobacco taxes, and other public health research: Health at the Population Level,” Smith College Career Series, Northampton, MA, December 1, 2008.
- “Patient teenagers? A comparison of the sexual behavior of virginity pledgers and matched non-pledgers”, Smith College, Northampton, MA, December 1, 2008.
- “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.
- “Patient teenagers? A comparison of the sexual behavior of virginity pledgers and matched non-pledgers”, George Washington University, Washington DC, June 25, 2008.
- “Applications of matched sampling methods to evaluate virginity pledges,” International Conference on Health Policy Research, American Statistics Association, Philadelphia, PA, January 17, 2008.
- “Patient teenagers? A comparison of the sexual behavior of virginity pledgers and matched non-pledgers”, Johns Hopkins STD Center research seminar, Baltimore, December 19, 2007.
- “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,” Mathematica Policy Research, Princeton, NJ, March 2007.
- “Bayesian methods to correct for inconsistently-reported adolescent risk behaviors on the Youth Risk Behavior Survey,” Columbia University Statistics Department, New York, February 2007.
- “Adolescent risk behavior reporting consistency on the Youth Risk Behavior Survey,” RAND Corporation, Santa Monica, CA, March 2007.
- “Bayesian methods to correct for inconsistently-reported adolescent risk behaviors on the Youth Risk Behavior Survey,” Haverford College, Haverford, PA, February 2007.
- “Bayesian methods to correct for inconsistently-reported adolescent risk behaviors on the Youth Risk Behavior Survey,” Mt. Holyoke College, South Hadley, MA, February 2007.
- “Adolescent risk behavior reporting consistency on the Youth Risk Behavior Survey,” SUNY Stony Brook Public Health, February 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.

#### 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 isnt 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 ACTIVITIES

Memberships American Public Health Association, 2003–  
American Statistical Association, 2003–  
Institute for Mathematical Statistics, 2003–  
Society for Adolescent Medicine, 2006–  
American Sexually Transmitted Diseases Association, 2008–  
Association of Reproductive Health Professionals, 2008–  
American Association for Public Opinion Research, 2008–  
American Sociological Association, 2009–

Referee American Journal of Public Health  
Journal of the Royal Statistics Association, Series A: Statistics in Society  
Reproductive Health  
Statistics Section, American Public Health Association  
Sociological Methods and Research  
SAHARA Journal, Saudi Medical Journal

Editor Medpedia, medpedia.com

OTHER EXPERIENCE

Society of Actuaries Exam in Probability 10/10.  
Editor, Satire V (humor magazine), 1998–2000; Editor, Harvard Computer Review, 1995–1997;  
High school policy debate judge.

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.

TEACHING EXPERIENCE

**Harvard College, Dunster House, Cambridge, MA.**

Non-resident tutor in statistics and public health 2001–2007  
Provide academic and non-academic advising to students with interest in public health and statistics. Hold weekly office hours to help students with statistics homework.

**Harvard College**

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

As head teaching fellow, supervised 4–6 teaching assistants for 50–160 students. Gave two course lectures per semester. Secured funding for and developed an introductory statistics section curriculum. Taught 15–50 students in weekly hour-long problem sessions. Advised 30 individual final projects. Counseled and tutored students at 2–3 weekly office hours, and wrote recommendation letters.

**Harvard Kennedy School of Government**

Course Assistant, Statistics for Leaders (Richard Light, Kennedy School of Government) Fall 2003

**Harvard Summer School**

Head Teaching Fellow, Introduction to Game Theory (Robert Neugeboren) Summer 2002