

Peter L. Flom

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## EDUCATION

FORDHAM UNIVERSITY  
Ph.D., Psychometrics  
June, 1999  
NEW YORK UNIVERSITY  
M.A., Special Education  
June, 1985  
NEW YORK UNIVERSITY  
B.A., Political Science  
February, 1980

## EMPLOYMENT

DOWNSTATE MEDICAL CENTER  
STATE UNIVERSITY OF NEW YORK  
March, 2009 -  
**Statistician**

In this role, I assist several doctors, medical researchers, and nurses with data analysis, grant preparation, and article writing in a wide variety of medical fields.

CITY COLLEGE OF NEW YORK  
September, 2008 -  
**Statistical consultant**

In this role, I assist several professors and graduate students with data analysis, grant preparation, and article writing in the fields of substance use and child abuse and related areas.

BRAINSCOPE, INC  
April, 2007 - Feb. 2009  
**Statistician**

In this role I assisted researchers in the development of techniques to use quantitative electroencephalography for a variety of purposes, including diagnosis of stroke, classification of neurological abnormalities.

PEOPLE'S LIBRARY OF SCIENCE (PLoS)  
June, 2006 -  
**Statistical reviewer**

In this role, I receive articles on a wide variety of medical issues, and review them for proper use of statistics and graphics. I reviewed more than a dozen articles in 2006, and am currently reviewing about one article per week. Each review is sent to an editor of the journal, who then sends it to the authors.

NATIONAL DEVELOPMENT AND  
RESEARCH INSTITUTES, INC.

November, 2001 - March, 2008

**Senior Data Manager**

As senior data manager, I was responsible for overseeing data analysis on the Community Vulnerability and Risk II study, which studied 96 large metropolitan statistical areas in the United States in terms of HIV-risk and a variety of demographic and economic covariates over time. This study grew out of an earlier cross-sectional study, in which I was also involved. As senior data manager, I supervised one person (a data analyst) and communicated frequently with the project director and principal investigator, and was involved in writing papers, primarily as co-author.

July, 2001 - March, 2007

**Assistant Director**

Statistics and Data Analysis Core

Center for Drug Use and HIV Research

As assistant director of the statistics and data analysis core, I assisted senior investigators in formulating optimal approaches to analyzing data collected in HIV-related studies, and coordinated efforts to update investigators' knowledge concerning new statistical techniques. This involved giving talks on a variety of statistical topics, arranging for outside speakers to come to NDRI, and summarizing relevant articles in a variety of journals for NDRI staff.

September, 2000 - March, 2007

**Director, Statistics Support Group**

As director of the statistics support group, I coordinated a speaker program, inviting people to come to speak at NDRI about statistical topics

May, 1999 - July, 2002

**Principal Research Associate**

October, 1997- May, 1999

**Senior Research Associate**

As principal research associate, and, earlier, senior research associate, I was responsible for data analysis on several projects, including Drug Use and HIV Risk among Youth and Networks, Norms, and HIV Risk among Youth. For the latter project, I was also involved in writing the questionnaire and designing the interface for coding the responses.

CONSUMER'S UNION OF THE UNITED STATES  
June, 1995 - October, 1997

**Data Analyst**

I was responsible for the analysis of data from a variety of surveys of readers of Consumer Reports magazine, and also responsible for designing some of the surveys. These results were communicated to management to improve the fit of the articles to the readers' desires. In addition, I devised a multilevel index to code all incoming correspondence about the magazine.

DEPARTMENT OF PSYCHOLOGY  
FORDHAM UNIVERSITY  
January, 1995 - June, 1995

**Adjunct Professor**

As adjunct professor, I was responsible for all aspects of an introductory statistics course in the undergraduate psychology department.

September, 1993 - December, 1995

**Teaching Assistant**

As teaching assistant, I helped the professor in grading tests and homework assignments and in answering students' questions for a graduate-level course in analysis of variance.

RUSK INSTITUTE FOR REHABILITATION MEDICINE  
January, 1989 - September, 1993

**Data Analyst**

ISRAEL DIASPORA INSTITUTE  
January, 1986 - May, 1988

**Assistant to the President**

WORTH PUBLISHING  
January, 1985 - January, 1986  
**Copy editor and line editor**

PUBLICATIONS

*First author or sole author*

Flom, PL (2005). LaTeX for academics who (think they) don't need it. *The PracTex Journal*, 1. <http://tug.org/pracjourn/2005-4/flom/>

Flom, PL (2005). A LaTeX fledgling struggles to take flight. *The PracTex Journal*, 1. <http://tug.org/pracjourn/>.

Flom, PL; Zenilman, JM; Sandoval, M; Kottiri, BJ; Friedman, SR. (2005). Seroprevalence and correlates of Herpes Simplex Virus type 2 among young adults in a low-income minority neighborhood. *Journal of Infectious Diseases*, 191, 818-820.

Flom, PL; Friedman, SR; Strauss, S.; Neaigus, A. (2003). A new measure of linkage between two sub-networks. *Connections*, 26(1), 62-70.

Flom, PL; Strauss, SM (2003). Some graphical methods for interpreting interactions in logistic and OLS regression. *Multiple Linear Regression Viewpoints*, 29, 1-7.

Flom, PL, Friedman, SR; Neaigus, A.; Sandoval, M (2003). Boundary crossing and drug use among young adults in a low-income, minority neighborhood. *Connections*, 25(2), 77-87.

Flom, PL; Friedman, SR; Jose, B; Curtis, R (2001). Peer Norms Regarding Drug Use and Drug Selling among Household Youth in a Low-Income 'Drug Supermarket' Urban Neighborhood. *Drugs: Education, Prevention, and Policy*, 8, 219-232.

Flom, PL; Friedman, SR; Jose, B; Neaigus, A; Curtis, R (2001). Recalled adolescent peer norms towards drug use in young adulthood in a low-income, minority urban neighborhood. *Journal of Drug Issues*, 31, 425-443.

Flom, PL; Friedman, SR; Kottiri, BJ; Neaigus, A; Curtis, R; Des Jarlais, DC; Sandoval, M; Zenilman, JM. (2001). Stigmatized Drug Use, Sexual Partner Concurrency, and Other Sexual Risk Network and Behavioral Characteristics of 18-24 Year Old Youth in a High-Risk Neighborhood. *Sexually Transmitted Diseases*, 28, 598-607.

*Co-author*

Hien D., Cohen LR, Caldeira NA, Flom PL, Wasserman G (2010). Depression and anger as risk factors underlying the relationship between maternal substance involvement and child abuse potential. *Child Abuse and Neglect* 34, 105-113.

Salifu MO, Abbott KC, Aytug S, Hayat A, Haria DM, Shah S, Friedman EA, Delano BG, McFarlane SI, Hurst FP, Flom PL, Jindal RM (2010). New-Onset Diabetes after Hemodialysis Initiation: Impact on Survival. *American Journal of Nephrology* 31, 239-246.

Pawlowicz MP, Zunino Singh D, Rossi D, Touz G, Wolman G, Bolyard M, Sandoval M, Flom PL, Mateu-Gelabert P, Friedman SR (In press) Drug use and peer norms among youth in a high-risk drug use neighbourhood in Buenos Aires *Drugs: Education, Prevention & Policy*

Mateu-Gelabert P, Bolyard M, Maslow C, Sandoval, M, Flom PL, Friedman, SR. (2008). For the Common Good: A method to measure residents' efforts to protect their community from drug and sex related harm. *SAHARA Journal* 5, 144-157.

Friedman SR, Tempalski B, Cooper, H, Lieb S., Brady J., Flom PL, Friedman R, Gostnell K., Des Jarlais, DC (2008). Metropolitan Area Characteristics, Injection Drug Use and HIV Among Injectors. In Yonette F. Thomas, Douglas Richardson and Ivan Cheung (eds). *Geography and Drug Addiction* (p. 255-265). Springer: Netherlands.

Cooper HLF, Brady JE, Friedman SR, Tempalski B, Gostnell K, Flom PL (2008). Estimating the prevalence of injection drug use among Black and White adults in large US metropolitan areas over time (1992-2002): Estimation methods and prevalence trends. *Journal of Urban Health*, 85, 325-351.

Alper, K; Kuzniecky, R; Carlson, C; Barr, WB; Vorkas, CK; Patel, JG; Carrelli, AL; Starner, K; Flom, PL; Devinsky, O (2008). Postictal psychosis in partial epilepsy: A case-control study. *Annals of Neurology*, 63, 602-610.

Friedman, SR; Tempalski, B; Brady, JE; Friedman, JJ; Cooper, HLF; Flom, PL; McGrath, MM; Gostnell, K; Des Jarlais, DC (2007). Predictors of the degree of drug treatment coverage for injection drug users in 94 metropolitan areas in the United States of America. *International Journal of Drug Policy*, 18, 475-485.

Brady, JE; Friedman, SR; Cooper, HLF; Flom PL; Tempalski, B; Gostnell, K(2008). Estimating the Prevalence of Injection Drug Users in the US and in Large US Metropolitan Areas from 1992-2002. *Journal of Urban Health*, 85, 323-351.

Tempalski, B, Flom, PL, Friedman, SR, Des Jarlais, DC, Friedman, JJ., McKnight, C, Friedman, R (2007). Social and political factors predicting the presence of syringe exchange programs in 96 Metropolitan areas in the United States. *American Journal of Public Health*, 97, 437-447.

Scheinmann, R; Hagan, H; Lelitiu-Weinberger, C; Stern, R; Des Jarlais, DC; Flom, PL; Strauss, S (2007). Non-injection drug use and Hepatitis C: A systematic review. *Drug and alcohol dependence*, 89, 1-12.

Friedman, SR; Mateo-Gelabert, P; Curtis, R; Maslow, C; Bolyard, M; Sandoval, M; Flom, PL. (2007). Social capital or networks, negotiations, and norms: A neighborhood case study. *Journal of Preventative Medicine*, 32, S160-S170.

Friedman, SR; Bolyard, M; Mateu-Gelabert, P; Goltzman, P; Pawlowicz, MP; Zurino Singh, D; Touze, G; Rossi, D; Maslow, C; Sandoval, M; Flom, PL. (2007). Some data driven reflections on priorities in AIDS network research. *AIDS and Behavior*, 11, 641-651.

Hagan, H; Des Jarlais, DC; Stern, R; Lelutiu-Weinberger, C; Scheinmann, R; Strauss, S; Flom PL (2007). HCV synthesis project: Preliminary analysis of HCV prevalence in relation to age and duration of injection. *International Journal of Drug Policy*, 18, 341-351.

Friedman, SR; Rossi, D.; Flom, PL (2006). Big events and networks research. *Connections* 27, 13-18.

Friedman, SR; Cooper, HLF; Tempalski, B; Keem, M; Friedman, R; Flom, PL; Des Jarlais, DC. (2006). Relationships of deterrence and law enforcement to drug-related harms among drug injectors in U.S.A. metropolitan areas. *AIDS*, 20, 93-99.

Friedman, SR; Lieb, S.; Tempalski, B.; Cooper, H.; Keem, M.; Friedman, R.; Flom, PL (2005). HIV among Injection Drug Users in Large US Metropolitan Areas, 1998. *Journal of Urban Health*, 82, 434-445.

Mateu-Gelabert, P.; Maslow, C.; Flom, PL.; Sandoval, M.; Bolyard, M.; Friedman, SR. (2005). Keeping it Together: Stigma, Response, and Perception of Risk in Relationships between Drug Injectors and Crack Smokers, and other Community Residents. *AIDS Care*, 17, 802-813.

Kottiri, BJ; Friedman, SR; Euler, GL; Flom, PL; Sandoval, M; Neaigus, A; Des Jarlais, DC; Zenilman, JM (2005). A community based study of Hepatitis B infection and immunization among young adults in a high-drug-use neighborhood in New York City. *Journal of Urban Health*, 82, 479-487.

Friedman, SR; Tempalski, B; Cooper, H; Perlis, T; Keem, M; Friedman, R; Flom, PL (2004). Estimating numbers of IDUs in metropolitan areas for structural analyses of community vulnerability and for assessing relative degrees of service provision for IDUs. *Journal of Urban Health*, 81, 377-400.

Friedman, SR.; Flom, PL.; Kottiri, BJ.; Neaigus, A; Sandoval, M; Curtis, R; Johnson, BD; Des Jarlais, DC. (2003). Drug dealing and attitudes and norms about drug dealing among young adults and their peers in a high-risk community. *International Journal of Drug Policy*, 4, 261-268.

Friedman, SR; Flom, PL; Kottiri, BJ; Sandoval, M; Neaigus, A; Maslow, CB; Mateu-Gelabert, P; Zenilman, J; Des Jarlais, DC; Barth-Jones, DC (2002). Networks, norms and HIV risk in New York City. In *The network paradigm in research on drug abuse, HIV, and other blood-borne and sexually transmitted infections: New perspectives, approaches, and applications*. NIDA/CAMCODA Working Meeting (pp. 41-47). Rockville, MD. National Institute on Drug Abuse.

Friedman, SR; Neaigus, A; Sandoval, M; Mateu-Gelabert, P; Flom, PL; Kottiri, BJ; Fuld, J; Krauss, B; Des Jarlais, DC (2002). What risk networks and social networks can contribute to understanding and preventing the spread of HIV. In *Global Research Network meeting on HIV prevention in drug-using populations: Fourth annual meeting report*. (pp 19-25). Rockville, MD. National Institute on Drug Abuse.

Friedman SR, Flom PL, Kottiri BJ, Zenilman JM, Curtis R, Neaigus A; Sandoval M, Quinn T, Des Jarlais, DC (2003). Drug use patterns and infection with sexually-transmissible agents among young adults in a high-risk neighborhood. *Addiction*, 98, 159-169.

Friedman SR, Flom PL, Kottiri BJ, Neaigus A, Sandoval M, Fuld J, Curtis R, Zenilman JM, Des Jarlais DC. (2002). Consistent condom among drug-using youth in a high HIV-risk neighbourhood. *AIDS Care*, 4, 493-507.

Friedman SR, Flom PL, Kottiri BJ, Neaigus A, Sandoval M, Curtis R, Zenilman JM, Des Jarlais DC. (2001). Prevalence and correlates of anal sex with men among young adult women in an inner city minority neighborhood. *AIDS*, 15, 2057-2060.

Friedman SR, Flom PL, Kottiri BJ, Neaigus A, Sandoval M, Curtis R, Des Jarlais DC, Zenilman JM. (2001). Consistent condom use in the heterosexual relationships of young adults who live in a high-HIV-risk neighborhood and do not use "hard drugs." *AIDS Care* 13, 285-296.

Deren S, Goldstein MF, Des Jarlais DC, Richman BL, Kang S-Y, Flom PL (2001). Drug use, HIV risk behaviors and dropout status of new admissions and re-admissions to methadone treatment. *Journal of Substance Abuse Treatment*, 20, 185-189.

Friedman SR, Curtis R, Jose B, Flom PL, Neaigus A, Des Jarlais DC. (1999). The message not heard: Myth and reality in discussions about syringe exchange. *AIDS* 13, 738-739.

## PRESENTATIONS

### *Invited*

Flom, PL; Cassell, DL: Stopping stepwise: Why stepwise variable selection methods are bad, and what you should use. Given at SAS Global Forum, March, 2008 and at Northeast SAS Users' Group, Sept. 2009

Flom, PL. PROC LOGISTIC: Ordinal and multinomial responses. Given at the quarterly meeting of the New York Area SAS Users' Group, December, 2004

Flom, PL Statistical graphics for data exploration and model checking. Given at the Center for Interdisciplinary Research on AIDS, Yale University School of Medicine, October, 2004.

Flom, PL. PROC LOGISTIC: Binary responses. Given at the quarterly meeting of the New York Area SAS Users' Group, .September, 2004

### *Other*

Flom, PL. Multinomial and ordinal logistic regression using PROC LOGISTIC. Given at the annual meeting of the Northeast SAS Users' Group, September, 2005.

Flom, PL. Power analysis for grant proposals. Presented at the June meeting of the Statistics Support Group, June, 2004.

Flom, PL. Some strategies for small sample research. Presented at the April meeting of the Statistics Support Group, April, 2003.

Flom, PL. Beyond the general linear model. Presented at the Center for Intervention and Prevention Research on HIV and Drug Abuse, Columbia University School of Social Work, March, 2003.

Flom, PL. Models for count data. Presented at the March meeting of the Statistics Support Group, March, 2003.

Flom, PL. Logistic regression. Presented at the December meeting of the Statistics Support Group, December, 2002.

Flom, PL. Moderating and mediating variables: Conceptual and statistical issues. Presented at the August meeting of the Statistics Support Group, August, 2002.

Flom, PL. Interpreting interactions. Presented at the April meeting of the Statistics Support Group, April, 2002.

Flom, PL. Bootstrapping: An introduction. Presented at the February meeting of the Statistics Support Group, February, 2002

Flom, PL; Friedman, SR; Jose, B; Sandoval, M; Curtis, R; Neaigus, A. Sex risks and drug use among youth in a high-risk neighborhood. Presented at the International Society for Sexually Transmitted Disease Research Annual Meeting. Denver, July, 1999.

#### COURSES TAUGHT

SAS: An introduction. Nine-hour course taught at NDRI, July-August, 2002. Statistics: An advanced introduction: Eight hour course taught at NDRI, June, 2003.

An introduction to Procite: 90 minute course taught at NDRI (twice).

An introduction to tree models: Six hour course taught at NDRI, February, 2004.

#### SOFTWARE

|                      |                     |
|----------------------|---------------------|
| Statistical packages | SAS, R.             |
| Text packages        | Word, LaTeX, WinEdt |
| Other                | Excel, PowerPoint   |

#### BOARD MEMBERSHIPS

Gateway School of New York  
Learning Disabilities Association of New York City

#### REFERENCES

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Interdisciplinary Theoretical Synthesis Core  
Center for Drug Use and HIV Research  
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