

MARTINA MORRIS
Curriculum Vitae

Departments of Sociology and Statistics,
Box 354322 University of Washington
Seattle, WA 98195-4322

morrism@u.washington.edu
<http://faculty.washington.edu/morrism>

EDUCATION

PhD	Sociology, 1989	University of Chicago, Chicago, IL
MA	Statistics, 1986	University of Chicago, Chicago, IL
BA	Sociology, 1980	Reed College, Portland, OR

POSITIONS

2000- 2000-2005	Professor Blumstein-Jordan Chair	University of Washington Department of Sociology Department of Statistics UW Center for AIDS Research Sociobehavioral and Prevention Research Core Behavior Research Training Program Scientific Program on Mathematical Modeling
2003- 2003- 2005-	Director Co-director Co-director	Center for Studies in Demography and Ecology
1998-2000 1996-1998	Professor Associate Professor	Pennsylvania State University Department of Sociology Department of Statistics Demography program
1995-1996 1989-1995	Associate Professor Assistant Professor	Columbia University Department of Sociology School of Public Health, Sociomedical Sciences
1988-1989 1986-1995	Research Associate Statistical Consultant	Various University of Chicago, NORC HIV Center, Columbia University Michael Reese Hospital La Rabida Children's Hospital University of Chicago
1981-85 85 (fall) 81-83	Executive Assistant Assistant to the Deputy Mayor Assistant to the Director Legislative Analyst	The City of New York Office of Economic Development Office of Management and Budget

TEACHING

Courses

Graduate: Research Methods, Statistics, Inequality, Social Networks, Sociology of Law,
Population and Disease, Case Studies in Global Health
Undergraduate: Research Methods, Social Hierarchies

PhD Students

Current:

Deven Hamilton (Soc), Sara Nelson (Epi), Ryan Admiraal, Pavel Krivitsky, Nicole Bohme (Statistics)

Previous:

Robin Anderson, 2008 “Does Tribal Gaming Hit the Jackpot? Measuring Its Impacts on American Indian Employment, Income, and Poverty Using Reservation Level Census Data.” (now at Census Bureau)
 Steven Goodreau, 2001 “ A random graph model approach to the study of HIV-1 population genetics in human populations with structured mixing” (Anthropology, Penn State, now at University of Washington)
 Dana Haynie, 2000 “The Peer Group Revisited: A Network Approach for Understanding Adolescent Delinquency” (Sociology, Penn State, now at OSU)
 Susan Singley, 2000 “Gender and the Intersection of Family and Economic Change” (Sociology, Penn State, now at Cornell University)
 Xavier Briggs, 1996. “Brown Kids in White Suburbs: Housing Mobility, Neighborhood Effects and the Social Ties of Poor Youth.” (Teachers College, now at JFK School, Harvard University)
 Fang Xia, 1991. “Structural Equivalence and Cohesion: A comparison of methods for detecting network structure.” (Sociology, Columbia, now returned to China).

Workshops

Mathematical Modeling of HIV/AIDS: Tools of the Trade. Full day workshop for the CFAR Social and Behavioral Science Research Network, 3rd National Scientific Meeting, October 22, 2008
Advanced Research Methods Workshop. Two week workshop organized as part of the capacity building activities for the Kenya Free of AIDS project (M. Morris, PI). Workshop included a 2 week course on Mathematical Modeling (team taught by Morris, Professor Steven Goodreau (UW) and Dr. Susan Cassels (UW)), Survival Analysis (taught by Anita Rocha (UW, CSDE)) and Qualitative Analysis with Atlas ti (taught by Lauren McClelland (UW) and Morris).
Mathematical Modeling of HIV/AIDS: Tools of the Trade. Full day workshop sponsored by the Scientific Program on Mathematical Modeling for HIV/STD Research, UW/FHCRC Center for AIDS Research, and FHCRC Vaccine and Infectious Disease Institute (February 2007).
Exponential Random Graph Models for Social Networks. Full day workshop at the Sunbelt Social Network Conference, (2006, 2007).
Disparities in HIV-STIs: Impact on African-American and African-Born Populations. Full day symposium at the University of Washington (March 2007)

RESEARCH

Articles in peer-reviewed journals (sole author, * first author)**

*	forthcoming. Concurrent partnerships and HIV prevalence disparities by race: Linking science and public health practice. Morris M, Kurth AE, Hamilton DT, Moody J, Wakefield S, Hancock, M for The Network Modeling Group..Amer J Pub Health..
	2009 “Birds of a Feather, or Friend of a Friend? Using Statistical Network Analysis to Investigate Adolescent Social Networks.” Goodreau, S., Kitts, J. & Morris, M. Demography, 46(1): 103–125.
	2008. “statnet: Software Tools for the Representation, Visualization, Analysis and Simulation of Network Data.” Hancock MS, Hunter DR, Butts CT, Goodreau SM, Morris M. Journal of Statistical Software 42(i01).
	2008. “ergm: A Package to Fit, Simulate and Diagnose Exponential-Family Models for Networks.” Hunter DR, Hancock MS, Butts CT, Goodreau SM, Morris M. Journal of Statistical Software 42(i03).
*	2008. “Specification of Exponential-Family Random Graph Models: Terms and Computational Aspects.” Morris M, Hunter D, Hancock M. Journal of Statistical Software 42(i04).
	2008 “Prototype Packages for Managing and Animating Longitudinal Network Data: dynamicnetwork and rSoNIA.” Bender deMoll S, Morris M, Moody J. Journal of Statistical Software 42(i07).
	2008 “A Statnet Tutorial.” Goodreau SM, Hancock MS, Hunter DR, Butts CT, Morris M. Journal of Statistical Software 42(i08).
	2008. "Degree distributions in sexual networks: A framework for evaluating evidence." Hamilton, D, M Hancock and M Morris. <i>Sex Transm Dis.</i> 35 (1): 30-40.
	2007. Hancock MS, Morris M. A simple model for complex networks with arbitrary degree distribution and clustering. Lecture Notes in Computer Science 2007;4503:103-114.
*	2006. "Prevalence of HIV infection among young adults in the U.S.: Results from the Add Health study." Morris, M, MS Hancock, WC Miller, CA Ford, JL Schmitz, MM Hobbs, MS Cohen, KM Harris and

	JR Udry. <i>Amer J Pub Health</i> 96 (6): 1091-1097.
	2006. "Partner-specific sexual behavioral differences between phase 3 HIV vaccine efficacy trial participants and controls - project vision." Whittington, WLH, M Morris, SP Buchbinder, DJ McKirnan, KH Mayer, MF Para, BN Bartholow and CL Celum. <i>JAIDS-Journal of Acquired Immune Deficiency Syndromes</i> 43 (2): 234-238.
	2005. "The prevalence of trichomoniasis in young adults in the United States." Miller, WC, H Swygard, MM Hobbs, CA Ford, MS Handcock, M Morris, JL Schmitz, MS Cohen, KM Harris and JR Udry. <i>Sexually Transmitted Diseases</i> 32 (10): 593-598.
	2004. "Exponential family models for sampled and census network data." Koehly, L, S Goodreau and M Morris. <i>Sociological Methodology</i> 34 : 241-270.
	2004. "Prevalence of chlamydial and gonococcal infection among young adults in the United States." Miller, WC, CA Ford, M Morris, MS Handcock, JL Schmitz, MM Hobbs, MS Cohen, KM Harris and JR Udry. <i>JAMA</i> 291 (18): 2229-2236.
	2003. "Support among persons infected with HIV for routine health department contact for HIV partner notification." Golden, MR, SG Hopkins, M Morris, KK Holmes and HH Handsfield. <i>Journal of Acquired Immune Deficiency Syndromes</i> 32 (2): 196-202.
*	2001. "Concurrent partnerships and syphilis persistence: New thoughts on an old puzzle." Morris, M. <i>Sex Transm Dis</i> 28 (9): 504-7.
	2000. "Comparing earnings inequality using two major surveys." Handcock, MS, M Morris and A Bernhardt. <i>Monthly Labor Review</i> 123 (3): 48-61.
**	2000. "Editorial: The population dynamics of the HIV epidemic, predictions." Morris, M. <i>Math Pop Studies</i> 8 (2): i-ii.
**	2000. "Editorial: The population dynamics of the HIV epidemic, validations." Morris, M. <i>Math Pop Studies</i> 8 (3): i-ii.
*	2000. "A micro-simulation study of the effect of concurrent partnerships on HIV spread in Uganda." Morris, M and M Kretzschmar. <i>Math Pop Studies</i> 8 (2): 109-133.
*	2000. "The impact of measurement error on survey estimates of concurrency." Morris, M and J O'Gorman. <i>Math Pop Studies</i> 8 (3): 231-249.
*	2000. "Condom acceptance is higher among travelers in Uganda." Morris, M, MJ Wawer, F Makumbi, JR Zavisca and N Sewankambo. <i>Aids</i> 14 (6): 733-741.
	1999. "Trends in job instability and wages for young adult men." Bernhardt, AD, M Morris, MS Handcock and M Scott. <i>Journal of Labor Economics</i> 17 (4, part 2): S65-S90.
*	1999. "Inequality in earnings at the close of the twentieth century." Morris, M and B Western. <i>Annual Review of Sociology</i> 25 : 623-657.
	1998. "Relative distribution methods." Handcock, MS and M Morris. <i>Sociological Methodology, Vol. 28 1998</i> 28 : 53-97.
	1997. "Percentages, odds, and the meaning of inequality: Reply." Bernhardt, A, M Morris and MS Handcock. <i>American Journal of Sociology</i> 102 (4): 1154-1162.
	1997. "Adolescent sexual networking and HIV transmission in rural Uganda." Konde-Lule, JK, N Sewankambo and M Morris. <i>Health Transition Review</i> 7 (Suppl): 89-100.
**	1997. "Sexual networks and HIV." Morris, M. <i>AIDS</i> 11 (suppl A): S209-S216.
*	1997. "Concurrent partnerships and the spread of HIV." Morris, M and M Kretzschmar. <i>AIDS</i> 11 : 641-8.
	1996. "Measures of concurrency in networks and the spread of infectious disease." Kretzschmar, M and M Morris. <i>Math. Biosc.</i> 133 : 165-95.
*	1996. "Bridge populations in the spread of HIV/AIDS in Thailand." Morris, M, C Podhisita, MJ Wawer and MS Handcock. <i>Aids</i> 10 (11): 1265-1271.
	1995. "Womens gains or mens losses - a closer look at the shrinking gender-gap in earnings." Bernhardt, A, M Morris and MS Handcock. <i>American Journal of Sociology</i> 101 (2): 302-328.
*	1995. "Concurrent partnerships and transmission dynamics in networks." Morris, M and M Kretzschmar. <i>Soc Net</i> 17 : 299-318.
*	1995. "The relational determinants of condom use with commercial sex partners in Thailand." Morris, M, A Pramualratana, C Podhisita and MJ Wawer. <i>Aids</i> 9 (5): 507-515 (comment in <i>AIDS</i> 1995 9:523-5).
*	1995. "Social and sexual networks: Their role in the spread of HIV among young gay men." Morris, M, J Zavisca and L Dean. <i>AIDS Education and Prevention</i> 7 ((Supplement)): S24-35.
	1994. "A clarification of the ϕ -mixing model." Altmann, M and M Morris. <i>Mathematical Biosciences</i> 124 : 1-7.
**	1994. "Statistical models for heterogeneity (comment on Mollison, Isham and Grenfell "Epidemics: Models

	and Data")." Morris, M. <i>J R Statist Soc A</i> 157 : 139-40.
*	1994. "Economic inequality: New methods for new trends." Morris, M, AD Bernhardt and MS Handcock. <i>American Sociological Review</i> 59 (2): 205-219.
*	1994. "The effects of sexual behavior change on long-term HIV seroprevalence among homosexual men." Morris, M and L Dean. <i>Am J Epidemiol</i> 140 (3): 217-232.
*	1994. "Measuring concurrency." Morris, M and M Kretzschmar. <i>Connections</i> 17 (1): 31-4.
**	1993. "Epidemiology and social networks: Modeling structured diffusion." Morris, M. <i>Soc. Meth. Res.</i> 22 (1): 99-126.
**	1993. "Telling tails explain the discrepancy in sexual partner reports." Morris, M. <i>Nature</i> 365 (6445): 437-440.
**	1991. "A log-linear modeling framework for selective mixing." Morris, M. <i>Math Biosc</i> 107 : 349-77.
	1990. "Child sexual abuse: Who goes home?" Jaudes, PK and M Morris. <i>Child Abuse and Neglect</i> 14 (61-68).

Books

Divergent Paths: Economic Mobility in the New American Labor Market with A.D. Bernhardt, M.S. Handcock and M. Scott (2001). New York: Russell Sage Foundation. Winner of the *Richard A. Lester Prize in Labor Economics and Industrial Relations*, and the *Distinguished Book Award* from the Cornell University Center for the Study of Inequality.

Relative Distribution Methods in the Social Sciences with M.S. Handcock (1999), New York: Springer Verlag, "Statistics for Social Science and Public Policy" series, S. Fienberg, D. Lieversley, and J. Rolph series editors.

Books under Contract

Statistical Modeling of Social Networks with M.S. Handcock and S. Borgatti, New York: Springer Verlag, "Statistics for Social Science and Public Policy" series. Expected 2010

Edited Publications

Journal of Statistical Software. Special issue on Statistical Modeling of Social Networks with "statnet". Handcock, MS, D Hunter, C Butts, SM Goodreau and M Morris, Eds. (forthcoming).

Social Networks Special issue on Exponential Random Graph Models for Networks. Morris, M and G Robins, Eds., Elsevier (2007).

Network Epidemiology: A Handbook for Survey Design and Data Collection (2004). London: Oxford University Press.

Mathematical Population Studies, two-volume special issue on Population Dynamics of HIV/AIDS (Volume 8, issues 1 and 2, August 2000).

Book Chapters

**	forthcoming. "Network analysis in epidemiology." Morris, M. in <u>Encyclopedia of epidemiology</u> . S. E. Boslaugh, Ed. Thousand Oaks, Sage Publications.
	2008. "Social networks: Economic relevance." Moody, J and M Morris. in <u>New Palgrave dictionary of economics (in print and online)</u> . L. E. Blume and S. N. Durlauf, Eds., Palgrave MacMillan.
*	2007. "Sexual networks, concurrency, and STD/HIV." Morris, M, S Goodreau and J Moody. in <u>Sexually transmitted diseases</u> . K. K. Holmes, P. F. Sparling, W. E. Stamm et al, Eds. New York, McGraw-Hill: chapter 7.
	2007. "A simple model for complex networks with arbitrary degree distribution and clustering." Handcock, MS and M Morris. in <u>Workshop on statistical network analysis</u> . D. S. Banks, Ed. Washington, DC, Springer: 103-114.
**	2004. "Overview of network survey design." Morris, M. in <u>Network epidemiology: A handbook for survey design and data collection</u> . M. Morris, Ed. Oxford, Oxford University Press: 8-24.

**	2004. "The Thailand and Ugandan sexual network studies." Morris, M. in <u>Network epidemiology: A handbook for survey design and data collection</u> . M. Morris, Ed. Oxford, Oxford University Press: 42-57.
	2003. "Relative distributions." Handcock, M and M Morris. in <u>Encyclopedia of social science research</u> . M. Lewis-Beck, A. Bryman and T. Futing-Liao, Eds. New York, Russell Sage.
**	2003. "Local rules and global properties: Modeling the emergence of network structure." Morris, M. in <u>Dynamic social network modeling and analysis</u> . R. Breiger, K. Carley and P. Pattison, Eds. Washington, DC, National Academy Press.: 174-186.
**	2003. "Simulation methods in demography." Morris, M. in <u>Population encyclopedia</u> . P. Demeny and G. McNicholl, Eds. New York, Macmillan Reference.
*	2001. "Inequality in earnings at the close of the twentieth century." Morris, M and B Western. in <u>Social stratification : Class, race, and gender in sociological perspective</u> . D. B. Grusky, Ed. Boulder Co, Westview Press.
**	1997. "Sexual networks: What is their relevance to modeling the spread of HIV." Morris, M. in <u>Aids and development: The role of government</u> . M. Over and M. Ainsworth, Eds. Washington, DC, World Bank: (in press).
**	1996. "Behavior change and non-homogeneous mixing." Morris, M. in <u>Models for infectious human diseases: Their structure and relation to data</u> . V. Isham and G. Medley, Eds. Cambridge, Cambridge University Press: 236-49.
**	1995. "Data driven network models for the spread of infectious disease." Morris, M. in <u>Epidemic models: Their structure and relation to data</u> . D. Mollison, Ed. Cambridge, Cambridge University Press: 302-322.
**	1994. "Epidemiology and social networks: Modeling structured diffusion." Morris, M. in <u>Advances in social network analysis</u> . S. Wasserman and J. Galaskiewicz, Eds. Newbury Park, Sage: 26-52.

Software

Mark S. Handcock, David R. Hunter, Carter T. Butts, Steven M. Goodreau, and Martina Morris (2003) **statnet**: An R package for the Statistical Modeling of Social Networks. Funding support from NIH grants R01DA012831 and R01HD041877. URL <http://www.csde.washington.edu/statnet>.

Honors, Awards and Fellowships

Plenary Speaker, Conference on "Addressing Multiple and Concurrent Sexual Partnerships in Generalized HIV Epidemics." Sponsored by PEPFAR General Population and Youth HIV Prevention Technical Working Group October 29 - 30, 2008.

Invited Speaker, NIH Wednesday Afternoon Lecture Series (WALS), May 2007.

External faculty appointment, Santa Fe Institute, 2003-2006, 2006-2009.

Distinguished Book Award from the Cornell University Center for the Study of Inequality (for Divergent Paths) 2003
Richard A. Lester Prize for outstanding book of the year in Labor Economics and Industrial Relations (for Divergent Paths) 2002

Blumstein-Jordan endowed chair in Sociology, University of Washington, 2000-2005.

Elected to the Sociological Research Association, 2000.

Fellow, MacArthur Research Network on Inequality and Economic Performance, 1999-2006.

Fellow, Isaac Newton Institute for Mathematical Sciences, Cambridge University, 1993.

Grants (PI unless otherwise indicated)

Institutional Support (PI)*

* "A Kenya Free of AIDS" University of Washington and University of Nairobi, NIH R24 July 2007-2012

"From Local to Global: Frameworks for Global Health" University of Washington Fogarty Program, NIH July 2005-June 2008 (AM Kimball, PI).

"Mathematical Modeling for HIV/STD Research" University of Washington CFAR Scientific Program, NIH March 2004—February 2008 (Steve Self, PI).

"Center for AIDS Research" University of Washington NIH P30 April 2003—February 2008. (K.K. Holmes PI).

"STD/AIDS Postdoctoral and Predoctoral Research Training" University of Washington NIH T32 July 2003–June 2008. (K.K. Holmes PI).

* "Center for Studies in Demography and Ecology" University of Washington NIH R24. July 2002 – June 2007

* "Population Research Training" University of Washington NIH T32. Jun 2002 – May 2007.

Research grants:

Principal Investigator

"Growing inequality among the college educated: A new economy puzzle." MacArthur Foundation. September 2002-August 2004.

"Quantifying HIV Transmission Risk in Sex/Drug Networks" NICHD R01. March 2002 – February 2007.

"Modeling HIV and STD in Drug User and Social Networks." NICHD R01. June 2001 – May 2006.

"Rethinking Quantitative Training in the Social Sciences." Tools for Transformation, University of Washington. 2000

"HIV and STIs in Young Adults: A Network Approach." NICHD R01. July 1999 – June 2004.

"Sexual Networks and HIV: Data, Models and Intervention," NIH FIRST Award, NICHD, March 1996 - December 2001.

Rockefeller Foundation grant for developing collaborative HIV/AIDS-intervention efforts in Thailand and Uganda, January 1995 - March 1996.

"Social Networks and Diffusion", research planning grant SES-91-10798 National Science Foundation September 1991-August 1993.

Co-Principal Investigator

"Multilevel Intervention Strategies for HIV Prevention: Mathematical Modeling for Efficacy Trials" NIH CFAR Scientific Project. Steve Self, PI. (2004- 2008)

"Divergent Paths: Economic Mobility in the New American Labor Market," Russell Sage Foundation, July 1998 – July 1999.

"Changing Jobs: Technology and the Transformation of Employment," Citibank Behavioral Sciences Research Council, June 1996 - November 1996.

"Work and Opportunity in the Post-industrial Labor Market," jointly funded by the Russell Sage and Rockefeller Foundations, July 1995 - November 1997.

Columbia University research planning grant to support preparation of a proposal in response to the National Science Foundation Human Capital Initiative. January 1995 - August 1995.

Co-Investigator

"Communication for HIV Prevention among African-American and African Immigrant Populations" Ann Kurth, PI NIH/NICHD R21 HD057832 (2008 – 2010)

"Collaborative Research: Modeling Interaction between individual behavior, social networks and public policy to support public health epidemiology" M Maranthi and J Epstein, PIs. NSF SES-0729438 (2007-2010)

"Transmission Behavior in Partnerships of Newly Hiv Infected Southern Californians". Pamina Gorbach, PI. NIDA (2007-2012).

"HIV Pathogenesis, Prevention and Treatment in the Andes". Jorge Luis Sanchez, PI. NIAID (2004-2007).

"Health Survey of Two-Spirited Native Americans," Karina Walters, PI. NIH 2002-2007.

"STDs and Heterosexual 'Bridging' among Men Who Have Sex with Men". Connie Celum, PI. NIAID (2000-2007).

"Adaptive Sampling Methods for Elusive Populations," Steven K. Thompson, PI. National Institutes of Health, NIDA, June 1997 - May 2000.

"Ugandan Sexual Network/Behaviors Study for HIV Prevention", Maria Wawer, P.I., National Institutes of Health, NICHD, (1990-1993)

"Behavioral Research for AIDS Prevention in Thailand", Maria Wawer, P.I., National Institutes of Health, NICHD, (1990-1994)

Consultant

"Social and Contextual Predictors of Male Heterosexual Hiv Risk Behavior in Africa". Greg Guest, PI (2007-2010).

Transmissibility of GC and Ct Diagnosed using NAAT" Susan Rogers, PI. National Institutes of Health, NICHD (2001-2005)

HIV Prevention Trials Network, to assess sexual networks among MSM in Peru, Connie Celum, PI, Centers for Disease Control (2000-2002).

Vaccine Trials Network, Phase III trials for HIV vaccine, Connie Celum, PI, Centers for Disease Control (2000-2003).

"Los Angeles Study of Families and Communities," A. Pebley, PI, National Institutes of Health, NICHD (1999-2003).

"Social Network Structure, Drug and Sex behaviors, and HIV" John J. Potterat, PI.. National Institutes of Health, NIDA, (1996-1999).
"Drug Injector Risk Networks and HIV Transmission" Dr. Richard B. Rothenberg, PI.. National Institutes of Health, NIDA, (1996-1999). "The New Immigrant Survey," G. Jasso, D. Massey and J. Smith, PIs, pilot project funded by NIH, INS and NSF (1996).
Contract to prepare an open-ended verification reinterview for the National Health and Sexual Behavior Pretest, Contract/Order #263-MD-835204 from the National Institutes of Health, March 1989.

Mentor

"The Tacoma Sexual Networks Project" Nicole Bohme Carnegie. Tacoma/Pierce County Department of Health (2008).
"Migration to Urban Slums, Sexual Networks, and HIV in Ghana" Susan Cassels, PhD. NICHD K99/R0 (2008-2013).
"Sexual Networks, Partner Notification and Std Prevention". Matthew Golden, MD, MPH. NIAID K23 (2000-2005).

Research Workshop Invited Member

"Spatio-Temporal and Network Modeling for Epidemics" Edinburgh, Scotland. May 14-18, 2007, DIMACS/ICMS.
"Modeling Social Dynamics: Sharing perspectives across disciplines" Oct 5-6 2006. National Science Foundation.
"Poverty Traps." Santa Fe Institute. July 20-22 2001. Funded by the Russell Sage Foundation.
"Statistics on Networks" Sept 26-7 2005. National Academy of Science.
"Mathematical Epidemiology Workshop" August 2005, Pacific Institute of Mathematical Sciences, Banff International Research Station.
"Network Contagion and Failure" Columbia University May 2002.
"Earnings Inequality, Technology, and Institutions." Jerome Levy Institute, New York. June 16, 2000. Funded by the Levy Institute.
"Changes in Job Stability and Job Security" New York, NY February 27, 1998. Funded by the Russell Sage Foundation.
"Epidemic Modelling Workshop". Sabhal Mor Ostaig, Isle of Skye, Scotland, April 1-12, 1997. Funded by the Royal Statistical Society.
"Labor Market Inequality" Madison, WI. February 27-March 1 1997. Funded by the Alfred P. Sloan Foundation.
"Epidemic Models", Isaac Newton Institute for the Mathematical Sciences, Cambridge University, England, January-June 1993. Funding support from the English Science and Engineering Research Council, grant GR G59981.
"Spread of Epidemics: Stochastic modelling and data analysis." research workshop, Skokloster, Sweden, August 8-12, 1990. Funded by the Swedish Research Council.

Selected Invited Presentations

"Challenges of Multidisciplinarity." in Fogarty Frameworks in Global Health Annual Meeting. Fogarty International Center, NIH, Bethesda, MD.
"Partnership Networks and Hiv Disparities." in Plenary Session: ASA Methodology Meeting. Duke University March 2008
"Superspreaders or Superhighways? Explaining Generalized Epidemics and Prevalence Disparities in Hiv." in National Institute on Drug Abuse and National Academy of Sciences. Washington, DC. February 2008
"Generative statistical models for network Dynamics" Modeling Social Behavior Informational Conference, NIGMS, Washington DC November 2008
"HIV & STD Disparities Impacting Blacks: Explanations and Possible Interventions" Governor's Advisory Council on HIV and AIDS (Washington State), June 2007
"Statistical Models for Social Networks" Invited Session, American Statistical Association Meetings, August 2006.
"Global Disparities in HIV Prevalence: Cracking the Puzzle of Prevention" featured speaker at opening ceremonies for the University of Queensland Social Research Centre. July 2006.
"The Epidemiology of HIV and STI Among Young Adults in the US" Keynote speaker, STD Cooperating Research Centers Annual Meeting (NIH). June 2006.
"Concurrency and the spread of sexually transmitted diseases, an overview" Lead speaker, Princeton conference on Long term concurrency and the spread of AIDS in Africa. May 2006.
"Partnership networks and HIV: Global consequences of local decisions." Featured speaker at the symposium on Mathematical models of infectious diseases as advanced tools in epidemiology and public health, RIVM, The Netherlands. January 2006.

"Network Analyses and Implications for Indicators" Measurement of Sexual Behaviour in the Era of HIV/AIDS, sponsored by WHO, UNAIDS MEASURE Evaluation and the London School of Hygiene and Tropical Medicine, London, September 2003 .

"Networks and Social Interactions" Founding Workshop: New Directions in Behavioral Sciences, Sante Fe Institute, August 2003

"Partnership networks and HIV: Global consequences of local decisions" NIH Advisory Council Meeting, June 2003.

"Local Rules to Global Structures:" National Academy of Sciences Workshop on Dynamic Social Network Modeling and Analysis, November 2002.

"Current Trends in Earnings Inequality." ASA Annual Meeting Invited Session, August 2002.

"New Directions in Interdisciplinary Population Studies". Conference on Socioeconomic Development In A Sustainable Environment, Chulalongkorn University, Thailand, June 2002.

"Data collected in network studies: large scale networks". CDC workshop on Contact Networks and Transmission Dynamics of STDs, April 2002

"Sexual Networks and HIV." Keynote speaker for the 2nd Annual Applied Statistics Symposium, University of Missouri, March 2001.

"Changes at Work: Job Stability and Wage Profiles in the US, 1966-1994." Keynote speaker for the annual meeting of the Centre for Labour Market Research, Murdoch University, Western Australia, March 2000.

"Lifetime wage mobility after economic restructuring." MacArthur research network on Inequality and Economic Performance, October, 1999.

"Sexual Networks and HIV" National Center for HIV, STD and TB prevention, Centers for Disease Control and Prevention, March, 1999.

"Sexual Networks and HIV" (lecture series). Invited as the first annual Center For AIDS Research Behavioral Research Fellow, University of Washington, October, 1998.

Plenary speaker for the Epidemiology session of the annual Canadian conference on HIV/AIDS, Quebec, Canada, May 1998.

Invited panelist for the session on "The Future of Demography", Population Association of America, Chicago, April 1998.

"Recent Findings on Sexual Networks and HIV" National Institutes of Health, Division of AIDS, May 1997.

"Heterogeneity in behavior, partnerships and networks" Roundtable panelist at the XI International Conference on AIDS. Vancouver, BC. July 1996.

"Sexual Networks: What is their relevance to modeling the spread of HIV?" conference on AIDS and Development: the Role of Government. Sponsored by the European Commission and the World Bank. Brussels, June 1996.

"Concurrent partnerships and the spread of HIV." World Bank, Washington, DC April, 1996.

"Continuity and Change in the Gender Wage Gap, 1967-87" Session in honor of Reed College, American Sociological Association Annual Meetings, Washington, DC, August 1995..

"Mathematical modeling of the STD/HIV interaction" Roundtable panelist at the American Society of Microbiology, Annual Meeting on Retroviruses. Washington, DC, January 1995.

"Data driven network models for the spread of disease" NATO Advanced Research Workshop, Isaac Newton Institute, Cambridge England (January 1993).

"Institutional Racism" Bermuda Human Rights Commission Series on Racism (Bermuda, November 1991).

"Sexual Networks and the Spread of AIDS" IBM T. J. Watson Research Labs (August 1990).

"Personal Networks and the Spread of AIDS." Columbia University Dean's Day Lecture Series (April 1990).

Other Professional Activities

Editorial

Deputy Editor, Sociological Methodology (2000-2003)

Consulting Editor, Sociological Methodology (1998-2000), American Journal of Sociology (1996-8).

Associate Editor, American Journal of Sociology, Book Review Section (1985).

Committees/Working Groups

National Science Foundation workshop member, The Future of Statistics (2002)

NICHD DBSB 5-year Program Planning Group (1996, 2001, 2006).

Methodology Section, American Sociological Association (1998-2000).

AIDS working group, International Union for the Scientific Study of Population (1996-2000).

Visiting Scholar

University of Pennsylvania, Department of Sociology and Population Studies Center (1996).

Heriot-Watt University, Edinburgh, Scotland. Department of Statistics (Summer 1991).

Organizer

Workshop, "Networks and the Population Dynamics of Disease Transmission." Institute for Mathematics and its Applications. Support from the National Science Foundation. November 2003, University of Minnesota (<http://www.ima.umn.edu/complex/fall/c3.html>).

Faculty Development Seminar, "Rethinking quantitative training in the social sciences." University of Washington, Spring 2001. Support from the Tools for Transformation fund.

Conference, "Partnership Networks and the Spread of HIV/AIDS and other Infectious Diseases" Chiang Mai, Thailand, February, 2000. Support from the International Union for the Scientific Study of Population.

Seminar series, "Dynamic Network Modeling," Center for the Social Sciences, Columbia University (1995).

Workshop, "Networks and Epidemiology" Isaac Newton Institute (Cambridge, England, March 1993).

Conference, "Selective Mixing and the Spread of AIDS" New York, April 1990. Support from the Russell Sage Foundation and the Center for the Social Sciences at Columbia University.

Public Media

Discover Magazine (February 2004)

Wisconsin Public Radio (March 2002)

German Public Radio (March 2002)

National Public Radio "All Things Considered" (September, 1995)

Professional Memberships

American Sociological Society, American Statistical Association, International Union for the Scientific Study of Population, Population Association of America.

SERVICE

Community Outreach

Networks, concurrency and disparities in HIV/STI. Presentation to the *Black Leadership Council.* Seattle, WA. 2007.

Disparities in HIV-STIs: Impacts on African-American and African-Born Populations. UW Center for AIDS Research, co-sponsored by the UW CFAS Community Action Board. Seattle, WA. 2007.

University

University: Data policy (UW, 2006), Research Advisory Board (UW, 2005) Liberal Arts Research and Graduate Studies Committee (Chair, 1999-2000; Penn State University); Faculty Affiliate, East Campus Undergraduate Housing; Interdepartmental Committee on Human Rights; Columbia University Senate, External Relations and Community Relations Subcommittees; Hartley-Wallach Faculty Fellow; Columbia College Undergraduate Advisor; Statistics Department Advisory Committee.

Departmental: Department Advisory Committee (Sociology); Recruitment Committee (Sociology; Statistics); Consulting Center (Statistics); Undergraduate Departmental Representative, Undergraduate curriculum committee, Graduate admissions committee, Graduate curriculum committee.

Research Centers: in addition to the Director and co-Director positions noted above, Associate Director and Director of Computing, Center for Studies in Demography and Ecology (University of Washington); Executive committee, Center for Statistics in the Social Sciences (University of Washington), Biostatistics core, Center for AIDS and STD Research (University of Washington). Computing committee, Population Research Institute (Penn State University)

Government

NIH Center For Scientific Review, member, BEHAVIORAL AND SOCIAL SCIENCE APPROACHES TO PREVENTING HIV/AIDS STUDY SECTION