

BIOGRAPHICAL SKETCH

NAME Allison, Paul		POSITION TITLE Professor of Sociology	
eRA COMMONS USER NAME (credential, e.g., agency login) allisonpd			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
St. Louis University, St. Louis, MO	AB	1970	Sociology
University of Wisconsin at Madison, Madison, WI	MS	1973	Sociology
University of Wisconsin at Madison, Madison, WI	PhD	1976	Sociology

A. Positions and Honors

- 1975-1976 Lecturer, Department of Sociology, State University of New York at Stony Brook
- 1976- Editorial Board Member, Sociological Methods and Research
- 1976-1980 Assistant Professor, Department of Sociology, Cornell University
- 1977-1978 Social Science Research Council Postdoctoral Fellow, University of Chicago
- 1980-1981 Associate Professor, Department of Sociology, Cornell University
- 1981-1987 Associate Professor, Department of Sociology, University of Pennsylvania
- 1986- Sociological Research Association, Elected Member
- 1986-1987 John Simon Guggenheim Memorial Foundation Fellowship
- 1987- Professor, Department of Sociology, University of Pennsylvania
- 2001 Paul Lazarsfeld Memorial Award for Distinguished Contributions to Sociological Methodology
- 2003-2007 Chair, Department of Sociology, University of Pennsylvania

B. Selected peer-reviewed publications (in chronological order). Only publications relevant to demography and economics of aging are listed from a total of 75

Allison, P.D., D. de Solla Price, B.C. Griffith, M.J. Moravcsik, and J.A. Stewart. 1976. "Lotka's Law: A Problem in Its Interpretation and Application." *Social Studies of Science* 6(2):269-276.

Allison, P.D. 1983. "A Model for Cancer Mortality Rates." *Biometrics* 39(2):530-532.

—. 1984. *Event History Analysis: Regression for Longitudinal Event Data*. Beverly Hills: Sage Publications, Inc.

Allison, P.D. 1985. "Survival analysis of backward recurrence times." *Journal of the American Statistical Association* 80:315-322.

—. 1987. "Estimation of Linear Models with Incomplete Data." *Sociological Methodology* 17:71-103.

Allison, P.D. 1992. "Event history analysis." in *Encyclopedia of Sociology*, edited by E.F. Borgatta and M.L. Borgatta. New York: Macmillan.

Allison, P.D. and N.A. Christakis. 1994. "Logit Models for Sets of Ranked Items." *Sociological Methodology* 24:199-228.

Allison, P.D. 1994. "Using Panel Data to Estimate the Effects of Events." *Sociological Methods and Research* 23(2):174-199.

—. 1995. "Exact Variance of Indirect Effects in Recursive Linear Models." *Sociological Methodology* 25:253-266.

—. 1995. *Survival Analysis Using SAS: A Practical Guide*. Cary, NC: SAS Publishing.

—. 1996. "Fixed-Effects Partial Likelihood for Repeated Events." *Sociological Methods and Research* 25(2):207-222.

—. 1999. "Comparing Logit and Probit Coefficients Across Groups." *Sociological Methods and Research*

28(2):186-208.

- . 2000. "Multiple Imputation for Missing Data: A Cautionary Tale." *Sociological Methods and Research* 28(3):301-309.
- Allison, P.D. 2004. "Event history analysis." Pp. 369-386 in *Handbook of Data Analysis*, edited by M. Hardy and A. Bryman. Thousand Oaks: Sage Publications.
- Cole, S.R., H. Chu, P.D. Allison, and S.J. Gange. 2006. "Combined analysis of retrospective and prospective occurrences in cohort studies: HIV-1 serostatus and incident pneumonia." *International Journal of Epidemiology* 35(6):1442-1446.
- Allison, P.D. and N.A. Christakis. 2006. "Fixed-effects methods for the analysis of nonrepeated events." *Sociological Methodology* 36(1):155-172.
- Christakis, N.A. and P.D. Allison. 2006. "Mortality after the Hospitalization of a Spouse." *New England Journal of Medicine* 354(7):719-730.
- England, P., P.D. Allison, and Y. Wu. 2007. "Does bad pay cause occupations to feminize, Does feminization reduce pay, and How can we tell with longitudinal data?" *Social Science Research* 36(3):1237-1256.
- England, P., P.D. Allison, S. Li, N. Mark, J. Thompson, M.J. Budig, and H. Sun. 2007. "Why Are Some Academic Fields Tipping Toward Female? The Sex Composition of U.S. Fields of Doctoral Degree Receipt, 1971-2002." *Sociology of Education* 80:23-42.

C. Research Support.

Ongoing Research Support

NIMH R01-MH-071156 (Holmes) 9/30/2005–8/31/2008

Interaction of Abuse, PTSD, Depression on Men's Sex Risk

This study of 1,200 men from Philadelphia County will test a conceptual model explaining the mediating/moderating pathway from childhood sexual abuse, through resilience, psychopathology, sexual maladjustment, and sexual networks, to sexual activity that has HIV infection risk.

Role: Co-Investigator

NIAAA & NICHD R01-AA-014944 (Wiebel) 9/20/2005–7/31/2009

Alcohol, Firearms & Adolescent Gunshot Injury Risk

This study will help to identify how adolescents are restricted in time and space by their daily activities, thereby identifying particular locations and times of enhanced, and reduced, assaultive injury risk

Role: Co-Investigator

NHLB I R01-HL-086830 (Chang) 6/1/2007–5/31/2011

Dynamic Relationship of BMI and SES over the Life Cycle and Between Generations

This project integrates nationally representative longitudinal data to investigate both processes in dynamic perspective: how SES affects weight status and how weight status affects SES.

Role: Co-Investigator

NIA P30-AG-012836 (Soldo) 2/1/1999-6/30/2009

Center on the Demography of Aging

The Population Aging Research Center is one of eleven P30 Centers supported by NIA/NIH. The goal of PARC is to stimulate and facilitate research on the demography and economics of aging through development of infrastructure and the award of pilot project support. There is no budgetary or substantive conflict with the proposed project.

Role: Research Associate

NICHD R24-HD-044964 (Smith) 7/1/1986-6/30/2013

Population Studies Center

The PSC's current research activities are concentrated on seven signature themes that relate to two aspects of population composition (endowments, human resources) and five crosscutting approaches to the demographic triad (fertility, mortality, migration) and population composition (methods/data, temporal processes, contexts, policy evaluation, international).

Role: Research Associate

NINR P30-NR-005043 (Aiken) 2/15/2000-4/30/2010

Center for Nursing Outcomes Research

This Center grant supports the development of measures and methods for studying variation in patient outcomes, and applies them to the evaluation of the effectiveness of nursing care across clinical specialties, the health-disease continuum, health care settings and diverse populations, placing a high priority on minorities at risk. The CNOR supports three cores that provide technical assistance, access to data, linkages to researchers throughout the University and beyond, and developmental funds for pilot studies.

Role: Co-Investigator

NINR T32-NR07104 (Aiken) 6/1/1999-3/31/2009

Advanced Training in Nursing Outcomes Research

The purpose of this training program is to educate nurse investigators in nursing outcomes research. It is a formal interdisciplinary program of predoctoral and post-doctoral study comprising the conceptual and empirical foundations, methodologic approaches and statistical tools of advanced outcomes research.

Role: Program Faculty

Completed Research Support

NIA R01-AG-017548 (Christakis) 12/1/2001-12/31/2006

A Population-Based Study of the Inter-Relationship of Morbidity and Mortality Between Elderly Spouses

Role: Site PI

NICHD R01-HD-04395 (England) 1/1/2004-12/31/2005

Determinants of Women and Men Initiating Divorce

Role: Site PI

NIAID R01 AI-10011-05 Herman (PI) 12/01/2000-11/30/2004

Evaluating Quality Improvement Strategies (EQUIS)

The goal of this study was to evaluate quality improvement and collaborative learning to improve asthma care in office-based pediatrics.

Role: Co-Investigator

Overlap

None