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Vitae

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Education

B.A. Juniata College. June 1973.
M.A. Cornell University. August 1975.
Ph.D. Cornell University. August 1977.

Research and Academic Experience

Associate Vice Provost for Research. January 2007-present.
Chancellor's Professor, Department of Statistics, Indiana University. August 2006-present.
Acting Chair, Department of Sociology, Indiana University. July 2003-June 2004.
Chancellor's Professor, Indiana University. August 1998-present.
Chair, Department of Sociology, Indiana University. July 1994-June, 2000.
Full Professor, Department of Sociology, Indiana University. August 1989-present.
Full Professor, Department of Sociology, Washington State University. May 1988-July 1989.
Associate Professor, Department of Sociology, Washington State University. May 1982-May 1988.
Associate Professor, Program in Statistics, Washington State University. May 1982-June 1987.
Assistant Professor, Program in Statistics, Washington State University. September 1981-May 1982.
Assistant Professor, Department of Sociology, Washington State University. August 1978-May 1982.
Director, Sociological Data Processing Center, Washington State University. August 1978-July 1989.
Postdoctoral Fellow, Program for the Social Analyses of Science Systems, Cornell University. September 1977-July 1978.
Research Assistant, Program for the Social Analyses of Science Systems, Cornell University. Summers 1975-1977.
Teaching Assistant, Department of Sociology, Cornell University. Spring 1976; Fall 1974.

Honors and Awards

Elected to Sociological Research Association, 1989.
Edwin Sutherland Teaching Award, Department of Sociology, Indiana University, 1996.
Chancellor's Professorship, Indiana University, 1998.
Paul F. Lazarsfeld Memorial Award for Distinguished Contributions to Sociological Methodology, 2002.
Fellow, Center for the Study of Poverty and Inequality, Stanford University. 2006.

Publications

- Long, J.S., 1976, "Estimation and hypothesis testing in linear models containing measurement error." *Sociological Methods and Research* 5:157-206.
 Reprinted in Peter V. Marsden (editor), 1981, *Linear Models in Social Research*. Beverly Hills: Sage Publications.
- Long, J.S., 1979, "Productivity and position in the academic career." *American Sociological Review* 43:889-908.
- Long, J.S., P.D. Allison and R. McGinnis, 1980, "Entrance into the academic career." *American Sociological Review* 44:816-830.
- Long, J.S., R. McGinnis and P.D. Allison, 1980, "The problems of junior-authored papers in constructing citation counts." *Social Studies of Science* 10:127-143.
- Long, J.S. and R. McGinnis, 1981, "Organizational context and scientific productivity." *American Sociological Review* 46:422-442.
- Long, J.S., R. McGinnis and P.D. Allison, 1981, "Reply to Chubin, Porter and Boeckmann." *American Sociological Review* 46.
- McGinnis, R., P.D. Allison and J.S. Long, 1982, "Postdoctoral training in bioscience: Allocations and outcomes." *Social Forces* 60:701-722.
- Long, J.S. and R. McGinnis, 1982, "On adjusting productivity measures for multiple authorship." *Scientometrics* 4:379-387.
- Long, J.S. and R. McGinnis, 1982, "Further evidence for adjusting for multiple authorship." *Scientometrics* 4:397-398.
- Allison, P.D., J.S. Long and T. Krauze, 1982, "Cumulative advantage and inequality." *American Sociological Review* 47:615-625.
- Long, J.S., 1983, *Confirmatory Factor Analysis*. Beverly Hills:Sage University Press.
- Long, J.S., 1983, *Covariance Structure Analysis*. Beverly Hills:Sage University Press.
- Long, J.S., 1984, "Estimable functions on log-linear models." *Sociological Methods and Research* 12:399-432.
- Long, J.S. and R. McGinnis, 1985, "The Effects of the Mentor on the Academic Career." *Scientometrics* 7:255-280.
- Long, J.S., 1987, "A graphical method for the interpretation of multinomial logit analysis." *Sociological Methods and Research* 15:420-446.
- Long, J.S., 1987, "Problems and prospects for research on sex differences in the scientific career." Pp. 163-169 in Linda S. Dix (editor), *Women: Their Underrepresentation and Career Differentials in Science and Engineering*. Washington, D.C.:National Academy Press.
- Miethe, T.D., M.C. Stafford and J.S. Long, 1987, "Social differentiation in criminal victimization: A test of routine activity/lifestyle theories." *American Sociological Review* 52:184-194.
- Allison, P.D. and Long, J.S., 1987, "Inter-university mobility of Academic Scientists." *American Sociological Review*. 52: 643-652.
- Long, J.S. (Editor), 1988, *Common Problems/Proper Solutions: Avoiding Errors in Quantitative Research*. Beverly Hills:Sage University Press.
- Long, J.S. and T. D. Miethe, 1988, "The statistical comparison of groups." Pp. 108-131 in J.S. Long (editor), *Common Problems/Proper Solutions: Avoiding Errors in Quantitative Research*. Beverly Hills:Sage University Press.

- McGinnis, R. and J.S. Long, 1988, "Entry into Academia: Effects of stratification, geography and ecology." Pp. 28-51 in D.W. Breneman & T.I.K. Youn (editors), *Academic Labor Markets and Academic Careers in American Higher Education*. New York: Falmer Press.
- Long, J.S. and J. Fox, (editors), 1989, "Data Analysis: Modern Methods and New Perspectives." A special issue of *Sociological Methods and Research*, Volume 18, Numbers 2 and 3, November 1989 and February 1990.
- Fox, J. and J.S. Long (editors), 1990, *Modern Methods of Data Analysis*. Beverly Hills: Sage University Press.
- Long, J.S., 1990, "The Origins of Sex Differences in Science." *Social Forces* 68:1297-1315.
Reprinted in Joseph Healey (editor), 1998, *Statistics: A Tool for Social Research*, 5th Edition (and prior). Belmont, CA: Wadsworth.
- Allison, P.D. and J.S. Long, 1990, "Departmental Effects on Scientific Productivity." *American Sociological Review* 55:469-478.
- Committee on Biomedical and Behavioral Research Personnel, 1990, *Biomedical and Behavioral Research Scientists: Their Training and Supply*. National Research Council: Washington, D.C. (Member of the Committee).
- Long, J.S., 1991, "Statistical Methods in Sociology." Pp. 2083-2090 in Edgar F. Borgatta (editor), *Encyclopedia of Sociology*. New York: Macmillan.
- Committee on Doctoral and Postdoctoral Study in the Mathematical Sciences, 1991, *Report on the State of Mathematics*, National Academy of Sciences: Washington, D.C. (Member of the Committee).
- Long, J.S. 1991, *Markov: A Statistical Environment for GAUSS*. Aptech Systems, Inc.
- Long, J.S., 1992, "Measures of Sex Differences in Scientific Productivity." *Social Forces* 71:159-178.
- Long, J.S. and P. Trivedi, 1992, "Some Specification Tests for the Linear Regression Model." *Sociological Methods and Research* 21:161-204.
Reprinted in Bollen, K.A. and J.S. Long (editors), 1993, *Testing Structural Equation Models*. Beverly Hills: Sage University Press.
- Bollen, K.A. and J.S. Long (editors), 1993, *Testing Structural Equation Models*. Beverly Hills: Sage University Press.
- Long, J.S. 1993, *Markov Version 2.0: A Statistical Environment for GAUSS*. Aptech Systems, Inc.
- Long, J.S., P.D. Allison and R. McGinnis, 1993. "Rank Advancement in Academic Careers: Sex Differences and the Effects of Productivity." *American Sociological Review* 58:703-722.
- Trivedi, Pravin and J.S. Long, 1994, "A Monte Carlo Evaluation of Tests of Heteroscedasticity." Working paper.
- Long, J.S. and M.F. Fox, 1995, "Scientific Careers: Ascription and Achievement." *Annual Review of Sociology* 21:45-71.
- Long, J.S. and B. Noss, 1995, "GAUSS as a Statistical Environment." *Sociological Methods and Research* 23:303-328.
Reprinted in J. Fox and R. Stine (editors), 1996, *Computing Environments for Statistical Analysis*. Beverly Hills: Sage Publications.
- Long, J.S., 1997, *Regression Models for Categorical and Limited Dependent Variables*. A volume in the Sage Series for Advanced Quantitative Techniques. Thousand Oaks, CA: Sage Publications.
- Long, J.S. 1997, *Markov Version 2.5: A Statistical Environment for GAUSS*. Aptech Systems, Inc.
- Long, J.S., 1999, *Developments in Quantitative Methodology*, for Edgar Borgatta's Encyclopedia of Sociology.

- Long, J.S. and L.H. Ervin, 2000, Correcting for Heteroscedasticity Using Heteroscedasticity Consistent Standard Errors in the Linear Regression Model: Small Sample Considerations.” *American Statistician* 54:217-224.
- Long, J.S. (editor), 2001, *From Scarcity to Visibility: Gender Differences in the Careers of Doctoral Scientists and Engineers*. Washington, D.C.: National Academy Press.
- Long, J.S. and Freese, Jeremy, 2001, *Regression Models for Categorical and Limited Dependent Variables with Stata*. College Station, TX: Stata Press.
- Hargens, L. and J.S. Long, 2002, Demographic Inertia and the Representation of Women and Minorities on Higher-Education Faculties. *Journal of Higher Education*. 73:494-517.
- Long, J.S. 2002 “The Presence and Participation of Women in Physics and Astronomy.” *BPA News*. Board on Physics and Astronomy, Washington: The National Academies.
- Bancroft, J., Loftus, J., & Long, J. S., 2003, Distress about sex: A national survey of women in heterosexual relationships. *Archives of Sexual Behavior*, 32(3), 193-208.
- Bancroft, J., Janssen, E., Strong, D., Carnes, L. & Long J. S., 2003, Sexual risk taking in gay men: The relevance of sexual arousability, mood, and sensation seeking. *Archives of Sexual Behavior*, 32(6), 555-572.
- Bancroft, J., Janssen, E, Strong, D., Vukadinovic, Z., & Long, J. S., 2003, The relation between mood and sexuality in heterosexual men. *Archives of Sexual Behavior* 32: 217-230.
- Long, J.S., forthcoming, The Changing Presence and Participation of Women in Science and Engineering: 1973-1995. *The Changing Face of the Scientific and Engineering Workforce*. Willie Pearson and Michael Teitelbaum (editors).
- Long, J.S. and Cheng, S., 2004, Regression Models for Categorical Outcomes. Pp. xx-xx in M. Hardy and A. Bryman (editors), *The Handbook on Data Analysis*. Beverly Hills, CA: Sage Press.
- Long, J.S., 2004, The Presence and Participation of Women in Academic Science and Engineering: 1973-1995. In L. Hornig, *Equal Rites, Unequal Outcomes: Women in American Research Universities*. New York: Academic.
- Long, J.S. and E.K. Pavalko, 2004, Comparing Alternative Measures of Functional Limitations. *Medical Care*.
- Long, J.S. and E.K. Pavalko, 2004, The Life Course of Activity Limitations: Exploring Indicators of Functional Limitations Over Time. *Journal of Aging and Health*.
- Bancroft, J., Janssen, E, Carnes, L, Strong, D. A., Goodrich, D., & Long, J. S., 2005, Sexual activity and risk taking in young heterosexual men: The relevance of personality factors. *Journal of Sex Research*.
- Long, J.S. and Freese, J., 2005, *Regression Models for Categorical and Limited Dependent Variables with Stata. Second Edition*. College Station, TX: Stata Press.
- Xu, J. and J.S. Long, 2005, Confidence intervals for predicted outcomes in regression models for categorical outcomes. *The Stata Journal* 5: 537-559.
- Cheng, S. and J.S. Long, forthcoming, Assessing measures of IIA for the multinomial logit model. *Sociological Methods and Research*.
- Clark, Daniel O., Timothy E. Stump, Douglas K. Miller and J. Scott Long, forthcoming, Educational Disparities in the Prevalence and Consequence of Physical Vulnerability, *Journal of Gerontology: Social Sciences*
- Pavalko, E.K., F. Gong & J.S. Long, forthcoming, The changing effects of labor force participation on women’s health, *Journal of Health and Social Behavior*.
- Pescosolido, B.A., B.L. Perry, J.S. Long, J.K. Martin, and J.I. Nurnberger, Jr., under review, When sociology and genetics meet: Theories of illness, exploratory findings, and methodological challenges from the COGA Study.

Pescosolido, B.A., S. Olafsdottir, J.K. Martin, and J.S. Long, forthcoming, Cross-cultural issues on the stigma of mental illness. in J. Arboleda-Florez and H. Stuart (Eds), *Stigma in Mental Health: Interventions to Reduce the Burden*, New York: Wiley.

Long, J.S., 2006, Group comparisons in nonlinear models using predicted outcomes. Working paper. Indiana University: Bloomington, IN.

McCabe, J., J. Bancroft and J.S. Long, working paper, Sexual well-being: a comparison of black and white women in heterosexual relationships.

Long, J.S., in progress, *The Workflow of Data Analysis*. (Book proposal accepted by Stata Press).

Gilbert Gee, Eliza Pavalko, and J.S. Long, forthcoming, Age, cohort and age discrimination: Using the life course to assess self-reported age discrimination, *Social Forces*.

Grants and Contracts

Kinsey Couples Study. An International Study of the Sexuality of Women and Men. Bayer Healthcare. Funded December 2006. Amount: \$134,000. Investigators: Julia Heiman & Scott Long

Kinsey Replication: Phase 1. (The foundation funding this research has asked that their name be kept confidential.) Amount: \$361,818 (total costs). October 1, 2004-September 30, 2005. Investigators: J. Bancroft, J. Heiman, J.S. Long & J.K. Martin.

Multi-method (i.e., internet survey, face-to-face interview & computer assisted personal interview) of 300 Indiana residents to establish the optimal methodology for a multi-year replication of the original Kinsey Studies of sexual behavior in the U.S.

Stigma and Mental Illness in Cross-National Perspective. Rockefeller Foundation. Amount: \$35,000. Term: June 6, 2005-June 11, 2005. Bernice A. Pescosolido (PI), J.S. Long & Jack K. Martin.

Conference grant for the year 2 meeting of 23 members of the international research team on the 5 year, 15 nation NIMH-funded “Stigma and Mental Illness in Cross-national Perspective” to be held at the Rockefeller Study and Conference Center in Bellagio, Italy.

Stigma and Mental Illness in Cross-National Perspective. NIH 1 R01 TW06374-01. \$3 million. Awarded September 2003-August 2008. With Bernice Pescosolido, PI; Jack Martin, Co-PI.

Work and Health Among Mid-Life Women. Proposal to NIH. \$350,000 direct costs. Awarded 4/1/2001. With Eliza Pavalko, PI.

Co-investigator with John Bancroft, Sexual Risk Taking, NIMH.

Scientific Productivity and the Prestige of University Departments. NSF Grant SOC7811406. \$35,538. Awarded 9/1/79. With Paul D. Allison.

Sex Differences in the Scientific Career. Research Grant-in-Aid from Washington State University. Awarded 7/1/81.

Sex Differences in the Scientific Career. NSF Grant SES-8304029. \$73,782. Awarded 9/1/83.

Sex Differences in the Scientific Career, Supplemental Proposal. NSF Grant SES-8540936. \$15,741. Awarded 1/14/85.

Selected Professional Activities

Editorial Board, Chapman & Hall/CRC Series on *Statistics in the Social and Behavioral Sciences*, July 2006-present.

Chair, Departmental Formation Committee, Department of Statistics, Indiana University, 2004-2006.

Cyberinfrastructure Research Taskforce, Office of the Vice President of Research, Indiana University, 2005.

Plenary Address, National Institute of Science, Technology, and Development. New Delhi, India, March, March 2004.

Invited Speaker, National Academy of Sciences, Committee on Gender Differences in the Careers of Science, Engineering, and Mathematics Faculty, January 2004.

Editorial Board, *The Stata Journal*, 2003-present.

Board of Governors, The Kinsey Institute, Indiana University, 2003-2006.

Editorial Board, *Sociological Methodology*, 2002-present.

Invited speaker, Sigma Xi Forum on The Changing Face of Science and Engineering, Galveston, Texas, November 2002.

Quantitative Methods Committee Lecture, University of Kentucky, April 10-11, 2003.

Chair, Search and Screen Committee for the Director of The Kinsey Institute, August 2002-September 2004.

Invited speaker, Sigma Xi Forum on The Changing Face of Science and Engineering, Galveston, Texas, November 2002.

Invited speaker, Federation of American Societies for Experimental Biology Annual Meetings, New Orleans, LA.

Invited speaker, National Academies' Board on Physics and Astronomy, Washington, D.C., April 2002.

Invited speaker, Federation of American Societies for Experimental Biology Annual Meetings, New Orleans, LA., April 2002.

Invited lecture, Issues for Ethnic Minorities and Women in Science and Engineering, University of Washington, Seattle, WA, March 2002.

Lecture, "Gender Differences in the Careers of Doctoral Scientists: The Recent Report from the National Academies", Gender Studies Research Workshops, Indiana University, March 2002.

Ad hoc member, Center for Scientific Review Special Emphasis Panel, National Institutes of Health, SNEM05, February 2002.

Lecturer, Institute of Social Research Intensive Program Instructor, Summer 2001, 2002.

Presentation to the Office of Scientific and Engineering Personnel Advisory Meeting, National Research Council, Woods Hole, MS. June 2000.

Council, Interuniversity Consortium of Political and Social Research, 2000-2004.

Chair-elect, ASA Methods Section, 1999.

Lecturer, ICPSR Workshop, University of Michigan, Ann Arbor. Summers 1997-present.

Edwin Sutherland Teaching Award, Department of Sociology, Indiana University, 1996.

Instructor for didactic seminars on interpreting models for categorical and limited dependent variables, 1996 ASA Meetings, New York, NY.

Editorial Board, SRM Database of Social Research, 1995-present.

Chair, ASA Methods Section Committee for the Clogg Scholarship, 1995-1997.

Instructor for short course on models for limited dependent variables, 1995 ASA Meetings, Washington, D.C.

Instructor for short course on models for limited dependent variables, 1994 ASA Meetings, Los Angeles, CA.

Chair, Panel for the Study of Gender Differences in the Career Outcomes of Science and Engineering Ph.D. Recipients, National Academy of Sciences, 1994-2001.

Member, Lazarsfeld Award Committee, American Sociological Association, 1994, 1996.

Editorial Board, *Structural Equation Modelling*, 1993-present.

Presenter, Committee on Women in Science and Engineering of the National Academy of Science, November, 1991.

Member, Committee on Doctoral and Postdoctoral Study in the Mathematical Sciences, National Research Council, National Academy of Sciences. September 1990-July 1991.

Member, Publications Committee, Society for the Social Studies of Science, 1990-1992.

Associate Editor, *Encyclopedia of Sociology*, Edgar F. Borgatta, Editor. January 1990-January 1992.

Program Co-Chair, Society for the Social Studies of Science, 1990 meetings.

Member, Advisory Council, Inter-University Consortium for Political and Social Research Training Program, University of Michigan, November 1988-present.

Member, Committee on Biomedical and Behavioral Research Personnel. National Academy of Sciences. July 1988-December 1989.

Editor, *Sociological Methods and Research*. August 1987-July 1994.

Editorial Board, *Science and Technology Studies*. June 1987-January 1989.

Council Member, Interim Council for Proposed ASA Section on Science, Knowledge and Technology. August 1987-January 1989.

Lecturer, ICPSR Workshop, University of Michigan, Ann Arbor. Summer 1987.

Presenter at the National Academy of Science Conference on Women in Science, October 1986.

Discussant for Session on Sociology of Science, 1985 ASA Meetings, Washington, D.C.

Instructor for short course on LISREL-type Models, 1984 ASA Meetings, San Antonio, Texas.

Organizer for Session on Sociology of Science, 1983 ASA meetings in Detroit, Michigan.

Editorial Board, *Sociological Methods and Research*, September, 1983-present.

Secretary to the Society for Social Studies of Science. November 1983-November 1986.