

March 2016

***CURRICULUM VITAE***

Herbert L. Smith

- Date of Birth:** 1 October 1955 (Lansing, Michigan, USA)
- Address:** Population Studies Center  
University of Pennsylvania  
3718 Locust Walk  
Philadelphia, PA 19104-6298  
(215) 898-7768 (phone)  
(215) 898-2124 (fax)  
hsmith@pop.upenn.edu (e-mail)
- Education:** Ph.D., 1982 Sociology (Population and Human Ecology),  
The University of Michigan  
M.A., 1979 Sociology, The University of Michigan  
B.A., 1977 History and Sociology, Yale University
- Honors and Awards:** *Magna cum laude*, Yale University  
Honors in History, Yale University  
Honors in Sociology, Yale University  
Lolagene C. Coombs Dissertation Award,  
Population Studies Center of The University of Michigan, 1983  
Sociological Research Association, elected 1991  
Clifford C. Clogg Award, Population Association of America, 2002
- Dissertation:** “Determinants of Higher Education Enrollment in the United States:  
1946-1980,” under the supervision of Professors David Goldberg  
and William M. Mason
- Positions Held:** Director, Population Studies Center, University of Pennsylvania, 2005-09,  
2011-  
Associate Chair, Department of Sociology, 2013-15  
Acting Director, Population Aging Research Center, University of  
Pennsylvania, 2011-12  
Associate Dean for the Social Sciences, School of Arts and Sciences,  
University of Pennsylvania, 2002-05  
Professor of Sociology, University of Pennsylvania, 1997-  
Faculty Member, Graduate Groups of Sociology and  
Demography, 1987- ; Chair, Graduate Group in  
Demography, 1998-2002

Herbert L. Smith (March 16)

Research Associate, Population Studies Center (and Associate Director, 2001-2004)  
Research Associate, Center for Health Services and Policy Research, 1991-1994; Center for Health Outcomes and Policy Research, 2005-  
Associate Member, Center for East Asian Studies (1996-)  
Associate Professor of Sociology, University of Pennsylvania, 1991-1997  
Assistant Professor of Sociology, University of Pennsylvania 1987-1991  
Assistant Professor of Sociology, Indiana University, 1983-1987  
Visiting Research Fellow, Population Sciences Division, The Rockefeller Foundation, 1982-1983

**Articles (including Book Chapters)**

**In print, in press, or forthcoming (\* refereed)**

- \*Porter, Lauren C., Shawn D. Bushway, Hui-Shien Tsao, and Herbert L. Smith. 2016. "How the U.S. Prison Boom Has Changed the Age Distribution of the Prison Population." *Criminology* **54**(1):30-55.
- \*Silber, Jeffrey H., Paul R. Rosenbaum, Matthew D. McHugh, Justin M. Ludwig, Herbert L. Smith, Bijan A. Niknam, Orit Even-Shoshan, Lee A. Fleisher, Rachel R. Kelz, and Linda H. Aiken. 2016. "Comparison of the Value of Nursing Work Environments in Hospitals across Different Levels of Patient Risk." *JAMA Surgery* Published online January 20, 2016. doi:10.1001/jamasurg.2015.4908.
- \*Bruyneel, Luk, Baoyue Li, Dietmar Ausserhofer, Emmanuel Lesaffre, Irina Dumitrescu, Herbert L. Smith, Douglas M. Sloane, Linda H. Aiken, and Walter Sermeus. 2015. "Organization of Hospital Nursing, Provision of Nursing Care, and Patient Experiences with Care in Europe." *Medical Care Research and Review* **72**(6):643-664.
- Smith, Herbert L. 2014. "Effects of Causes and Causes of Effects: Some Remarks From the Sociological Side." *Sociological Methods & Research* **43**(3):406-415.
- Smith, Herbert L. 2013. "Research Design: Toward a Realistic Role for Causal Analysis." Pp. 45-73 in *Handbook of Causal Analysis for Social Research*, edited by Stephen L. Morgan. Dordrecht: Springer.
- \*McHugh, Matthew D., Lesly A. Kelly, Herbert L. Smith, Evan S. Wu, Jill M. Vanak, and Linda H. Aiken. 2013. "Lower Mortality in Magnet Hospitals." *Medical Care* **51**(5):382-388.

Herbert L. Smith (March 16)

- \*Aiken, Linda H., Walter Sermeus, Koen Van den Heede, Douglas M Sloane, Reinhard Busse, Martin McKee, Luk Bruyneel, Anne Marie Rafferty, Peter Griffiths, Maria Teresa Moreno-Casbas, Carol Tishelman, Anne Scott, Tomasz Brzostek, Juha Kinnunen, Rene Schwendimann, Maud Heinen, Dimitris Zikos, Ingeborg Strømseng Sjetne, Herbert L. Smith, and Ann Kutney-Lee. 2012. "Patient Safety, Satisfaction, and Quality of Hospital Care: Cross Sectional Surveys of Nurses and Patients in 12 Countries in Europe and the United States." *British Medical Journal* **344**(e1717):14pp.
- \*Aiken, Linda H., Jeannie P. Cimiotti, Douglas M. Sloane, Herbert L. Smith, Linda Flynn, and Donna F. Neff. 2011. "Effects of Nurse Staffing and Nurse Education on Patient Deaths in Hospitals with Different Nurse Work Environments." *Medical Care* **49**(12):1047-1053.
- Smith, Herbert L. 2011. « L'évaluation de la recherche et des chercheurs en sciences humaines et sociales aux États-Unis ». Pp. 159-166 in *L'évaluation de la recherche en sciences humaines et sociales: Régards de chercheurs*, edited by Paul Servais. Louvain-la-Neuve, Belgium: Bruylant-Academia.
- \*Aiken, Linda H., Douglas M. Sloane, Jeannie P. Cimiotti, Sean P. Clarke, Linda Flynn, Jean Ann Seago, Joanne Spetz, and Herbert L. Smith. 2010. "Implications of the California Nurse Staffing Mandate for Other States." *Health Services Research* **45**(4):904-921.
- \*Smith, Herbert L. 2009. « Application de l'analyse des séries chronologiques à la projection d'effectifs de population scolaire par la méthode des composantes » *Cahiers Québécois de Démographie* **38**(1):145-170.
- Smith, Herbert L. 2009. "Causation and Its Discontents." Pp. 233-242 in *Causal Analysis in Population Studies: Concepts, Methods, Applications*, edited by Henriette Engelhardt-Woelfler, Hans-Peter Kohler, and Alexia Fuernkranz-Prskawetz. Springer Verlag.
- \*Smith, Herbert L. 2008. « Un échantillon double pour minimiser le biais dû à la non réponse dans un sondage par courrier ». Pp. 334-339 in *Méthodes de sondage : applications aux enquêtes longitudinales, à la santé, aux enquêtes électorales et aux enquêtes dans les pays en développement*, edited by Anne Ruiz-Gazen, Philippe Guilbert, David Haziza, and Yves Tillé. Paris: Dunod.
- Smith, Herbert L. 2008. "Advances in Age-Period-Cohort Analysis." *Sociological Methods & Research* **36**(3):287-296.
- \*Ghuman, Sharon, Helen Lee, and Herbert L. Smith. 2006. "Measurement of Women's Autonomy According to Women and Their Husbands: Results from Five Asian Countries." *Social Science Research* **35**(1):1-28.
- Smith, Herbert L. 2005. "Introducing New Contraceptives in Rural China: A Field Experiment." *Annals of the American Academy of Political and Social Science* **599**:246-271.

Herbert L. Smith (March 16)

- \*Lundquist, Jennifer Hickey, and Herbert L. Smith. 2005. "Family Formation among Women in the U.S. Military: Evidence from the NLSY." *Journal of Marriage and the Family* **67**(1):1-13.
- \*Merli, M. Giovanna, Zhenchao Qian, and Herbert L. Smith. 2004. "Adaptation of a Political Bureaucracy to Economic and Institutional Change under Socialism: The Chinese State Family Planning System." *Politics and Society* **31**(2):231-256.
- Smith, Herbert L. 2003. "Some Thoughts on Causation as It Relates to Demography and Population Studies." *Population and Development Review* **29**(3):459-469.
- \*Morgan, S. Philip, Sharon Stash, Herbert L. Smith, and Karen Oppenheim Mason. 2002. "Muslim and Non-Muslim Differences in Female Autonomy and Fertility: Evidence from India, Malaysia, Thailand, and the Philippines." *Population and Development Review* **28**(3):515-537.
- \*Merli, M. Giovanna, and Herbert L. Smith. 2002. "Has the Chinese Family Planning Program Been Successful in Changing Fertility Preferences? Evidence from Linked Records in Four Counties in Rural Northern China." *Demography* **39**(3):557-572.
- \*Mason, Karen Oppenheim, and Herbert L. Smith. 2000. "Husband's versus Wife's Fertility Goals and Contraception Use: The Influence of Gender Context in Five Asian Countries." *Demography* **37**(3):299-311.
- \*Smith, Herbert L., Constance T. Gager, and S. Philip Morgan. 1998. "Identifying Underlying Dimensions in Spouses' Evaluations of Fairness in the Division of Household Labor." *Social Science Research* **27**:305-327.
- \*Smith, Herbert L. 1997. "Matching with Multiple Controls to Estimate Treatment Effects in Observational Studies." Pp. 325-353 in *Sociological Methodology 1997*, edited by Adrian E. Raftery. Oxford, England: Basil Blackwell.
- \*Smith, Herbert L., Tu Ping, M. Giovanna Merli, Mark Hereward. 1997. "Implementation of a Demographic and Contraceptive Surveillance System in Four Counties in North China." *Population Research and Policy Review* **16**(4):289-314.
- \*Tu, Ping, Qiu Shuhua, Fang Huimin, and Herbert L. Smith. 1997. "Acceptance, Efficacy, and Side Effects of Norplant<sup>®</sup> Implants in Four Counties in North China." *Studies in Family Planning* **28**(2):122-131.
- \*Aiken, Linda H., Herbert L. Smith, and Eileen T. Lake. 1997. "Using Existing Health Care Systems to Respond to the AIDS Epidemic: Research and Recommendations for Chile." *International Journal of Health Services* **27**(1):177-199.

Herbert L. Smith (March 16)

- \*Smith, Herbert L., S. Philip Morgan, and Tanya Koropecjy-Cox. 1996. "A Decomposition of Trends in the Nonmarital Fertility Ratios of Blacks and Whites in the United States, 1960-1992." *Demography* **33**(2):141-151.
- \*Justice, Amy C., Linda H. Aiken, Herbert L. Smith, and Barbara J. Turner. 1996. "The Role of Functional Status in Predicting Inpatient Mortality with AIDS: A Comparison with Current Predictors." *Journal of Clinical Epidemiology* **49**(2):193-201.
- \*Tu Ping, and Herbert L. Smith. 1995. "Determinants of Induced Abortion and Their Policy Implications in Four Counties in North China." *Studies in Family Planning* **26**(5):278-286.
- \*Smith, Herbert L. 1994. "Nonreporting of Births or Nonreporting of Pregnancies? Some Evidence from Four Rural Counties in North China." *Demography* **31**(3):481-486.
- \*Aiken, Linda H., Herbert L. Smith, and Eileen T. Lake. 1994. "Lower Medicare Mortality in a Set of Hospitals Known for Good Nursing Care." *Medical Care* **32**(8):771-787.
- \*Smith, Herbert L., and Frank F. Furstenberg, Jr. 1994. "Application of a Response Model for Mother-Daughter Agreement by Race." *Social Science Research* **23**(2):136-166.
- \*Smith, Herbert L. and S. Philip Morgan. 1994. "Children's Closeness to Father as Reported by Mothers, Sons and Daughters: Evaluating Subjective Assessments with the Rasch Model." *Journal of Family Issues* **15**(1):3-29.
- \*Smith, Herbert L. 1993. "On the Limited Utility of KAP-Style Survey Data in the Practical Epidemiology of AIDS, with Reference to the AIDS Epidemic in Chile." *Health Transition Review* **3**(1):1-16.
- Smith, Herbert L., and Aimée Dechter. 1993. "Effects of Nonresponse on the Measurement of Social Life Feelings." Pp. 350-372 in *New Directions in Attitude Measurement*, edited by Dagmar Krebs and Peter Schmidt. New York: Walter de Gruyter.
- \*Smith, Herbert L., and Aimée Dechter. 1991. "No Shift in Locus of Control among Women during the 1970s." *Journal of Personality and Social Psychology* **60**(4):638-640.
- \*Smith, Herbert L., and Brian Powell. 1990. "Great Expectations: Variation in Income Expectations among College Seniors." *Sociology of Education* **63**:194-207.
- \*Smith, Herbert L. 1990. "Specification Problems in Experimental and Nonexperimental Social Research." Pp. 59-91 in *Sociological Methodology 1990*, edited by Clifford C. Clogg. Cambridge, Mass.: Basil Blackwell.
- Smith, Herbert L. 1990. "Current Trends in Nonmarital Fertility and Divorce." Pp. 1-31 in *The Retreat from Marriage: Causes and Consequences*, edited by Bryce J. Christensen. Lanham, Md.: University Press of America.

Herbert L. Smith (March 16)

- \*Smith, Herbert L. 1989. "Integrating Theory and Research on the Institutional Determinants of Fertility." *Demography* **26**:171-184.
- \*Cutright, Phillips, and Herbert L. Smith. 1988. "Intermediate Causes of Racial Differences in 1980 U.S. Illegitimacy Rates." *Family Planning Perspectives* **20**:119-123.
- \*Smith, Herbert L., and Phillips Cutright. 1988. "Thinking about Change in Illegitimacy Ratios: United States, 1963 to 1983." *Demography* **25**:235-247.
- \*Smith, Herbert L., and Maurice A. Garnier. 1987. "Scaling via Models for the Analysis of Association: Social Background and Educational Careers in France." Pp. 205-245 in *Sociological Methodology 1987*, edited by Clifford C. Clogg. Washington, D.C.: American Sociological Association.
- Smith, Herbert L. 1987. "The Social Forecasting Industry." *Climatic Change* **11**:35-60. (Also appears in *Forecasting in the Social and Natural Sciences*, edited by Kenneth C. Land and Stephen H. Schneider. Boston: D. Reidel.)
- \*Cutright, Phillips, and Herbert L. Smith. 1986. "Trends in Illegitimacy among Five English-speaking Populations: 1940-1980." *Demography* **23**:563-578.
- \*Cutright, Phillips, and Herbert L. Smith. 1986. "Declining Family Size and the Number of Children in Poor Families in the United States: 1946-1983." *Social Science Research* **15**:256-268.
- Cutright, Phillips, and Herbert L. Smith. 1986. "Multiple Thresholds and Fertility Decline in Third World Populations: Paths to Low Fertility by the Years 2000 and 2010." Pp. 273-302 in *Persistent Patterns and Emerging Structures in a Waning Century*, edited by Margaret P. Karns. New York: Praeger.
- \*Smith, Herbert L., and Paul P. L. Cheung. 1986. "Trends in the Effects of Family Background on Educational Attainment in the Philippines." *American Journal of Sociology* **91**:1387-1408.
- \*Smith, Herbert L. 1986. "Overeducation and Underemployment: An Agnostic Review." *Sociology of Education* **59**:85-99.
- \*Smith, Herbert L., and Maurice A. Garnier. 1986. "Association between Background and Educational Attainment in France." *Sociological Methods and Research* **14**:317-344.
- \*Smith, Herbert L., and Phillips Cutright. 1985. "Components of Change in the Number of Female Family Heads Ages 15-44, an Update and Reanalysis: United States, 1940 to 1983." *Social Science Research* **14**:226-250.

Herbert L. Smith (March 16)

Mason, William M., and Herbert L. Smith. 1985. "Age-Period-Cohort Analysis and the Study of Deaths from Pulmonary Tuberculosis." Pp. 151-227 in *Cohort Analysis in Social Research: Beyond the Identification Problem*, edited by William M. Mason and Stephen E. Fienberg. New York: Springer-Verlag.

Smith, Herbert L. 1983. "Higher Education's Future." *American Demographics* 5(1):22-25, 48.

### **Comments**

Smith, Herbert L. 2015. "Comment on Cochran's 'Observational Studies.'" *Observational Studies* 1(art. 9):217-219.

Smith, Herbert L. 2004. "Cohort Analysis Redux." Pp. 111-119 in *Sociological Methodology 2004*, edited by Ross M. Stolzenberg. Washington, D.C.: American Sociological Association.

\*Smith, Herbert L., William M. Mason, and Stephen E. Fienberg. 1982. "More Chimeras of the Age-Period-Cohort Accounting Framework." *American Sociological Review* 47:787-793.

\*Cheung, Paul P. L., and Herbert L. Smith. 1981. "Logistic Regression Models with Continuous Independent Variables." *American Sociological Review* 46:946-949.

### **Book Reviews**

Smith, Herbert L. 2007. Review of Andrew Gelman and Xiao-Li Meng, eds., *Applied Bayesian Modeling and Causal Inference from Incomplete-Data Perspectives: An Essential Journey with Donald Rubin's Statistical Family*. *Sociological Methods & Research* 36(1):140-143.

Smith, Herbert L. 2004. Review of Donald T. Rowland, *Demographic Methods and Concepts*. *Population Studies* 58(2):255-256.

Smith, Herbert L. 1992. Review of Ray Pawson's *A Measure for Measures*. *Contemporary Sociology* 21(1):139-140.

Smith, Herbert L. 1992. Review of *Sociological Methodology 1991*. *Contemporary Sociology*.

Smith, Herbert L. 1990. Review of Charles Ragin's *The Comparative Method*. *Population and Development Review* 16:784-788.

Herbert L. Smith (March 16)

### **Panel Reports**

McHugh, Matthew D., Richard E. Hawkins, Paul E. Mazmanian, Patrick S. Romano, Herbert L. Smith, and Joanne Spetz. 2014. “Challenges and Opportunities in Nurse Credentialing Research Design.” Discussion Paper, Institute of Medicine. <http://nam.edu/wp-content/uploads/2015/06/CredentialingResearchDesign.pdf>

\*Meyer, Michael M., and Stephen E. Fienberg (Eds.). 1992. *Assessing Evaluation Studies: The Case of Bilingual Education Strategies*. Washington, D.C.: National Academy Press. (contributing author).

### **Papers and Lectures Presented (plus Recent Colloquia and Talks)** († presenter)

†Chauvel, Louis, Anja Leist, and Herbert L. Smith. 2016. “Cohort Factors Impinging on Suicide Rates in the United States, 1990-2010.” Paper presented at the Annual Meeting of the Population Association of America, March, Washington, D.C.

†Bushway, Shawn B., Hui-Shien Tsao, and Herbert L. Smith. 2012. “Has the U.S. Prison Boom Changed the Age Distribution of the Prison Population?” Paper presented at the Annual Meeting of the Population Association of America, May, San Francisco.

†Smith, Herbert L. 2012. “Demography of the Future: Some Methodological Issues.” Talk presented at The Carlo F. Dondena Centre for Research on Social Dynamics, Bocconi University, Milan, Italy, March.

†Smith, Herbert L. 2012. “Causation in the Social Sciences: Portrait of a Good Idea Gone Bad.” Talk presented at The Robert Wood Johnson Foundation Health & Society Scholars Program, Columbia University, New York, January.

†Smith, Herbert L. 2011. “On Presenting and Interpreting a Response Rate: Lessons from Double Samples of Non-respondents.” Paper presented at the Population Research Institute, Duke University, Durham, N.C., October.

†Smith, Herbert L. 2011. “La causalité dans les sciences de la population : retour sur le principe de l’action humaine.” INED, Paris, France, March.

†Smith, Herbert L. 2010. “Action, People.” Talk presented at the Office of Population Research, Princeton University, Princeton, N.J., November.

†Smith, Herbert L. 2010. A few appreciative remarks regarding Robert D. Mare’s “A Multigenerational View of Inequality,” on the occasion of The DeJong Lecture in Social Demography. Invited presentation, The Pennsylvania State University, October 2010.

†Smith, Herbert L. 2010. “Current Thinking about Causation as It Influences Population Research: The Good, the Bad, and the Ugly.” Keynote address at the Upper Midwest



Herbert L. Smith (March 16)

Training Conference in Population Studies, University of Minnesota, Minneapolis, January. Also presented at the National Science Foundation, Arlington, VA, March.

†Smith, Herbert L. 2009. “L'évaluation de la recherche et des chercheurs en Sciences Humaines et Sociales aux États-Unis.” Paper presented at the Colloque IACCHOS, L'évaluation de la recherche en sciences humaines et sociales: approches politiques, historiques et methodologiques, Université catholique de Louvain, Louvain-la-Neuve, November.

†Smith, Herbert L. 2009. “On Recent and Not-So-Recent Developments in Cohort Analysis” A talk in honor of Bill Mason, at UCLA, June.

†Smith, Herbert L. 2007-08. “Un échantillon double pour minimiser le biais dû à la non réponse dans un sondage par courrier.” Paper presented at Colloque francophone sur les sondages 2007, Marseille, France, November; and at INED, Paris, France, February 2008.

†Smith, Herbert L. 2007/09. “Why Match?” Talk presented at The Ohio State University, May 2007, and at INED, Paris, France, January 2009.

†Smith, Herbert L. 2007-08. “A Double Sample for Evaluating Non-response in a Large Survey of Nurses in California and Pennsylvania.” Paper presented at Center for Health Outcomes and Policy Research, University of Pennsylvania, January; and at Arizona State University, December, 2007, and at the East-West Center, Honolulu, HI, July, and the University of Washington, Seattle, October 2008.

†Smith, Herbert L. 2006. “Causal Analysis: What's the Point?” Talk given at Conference on Causal Analysis in Population Studies: Concepts, Methods, Applications, Vienna Institute of Demography, Vienna, Austria, December.

†Smith, Herbert L. 2005-7. “Forecasting Local School Enrollment: Demographic and Econometric Approaches.” Talk presented at UCLA (December 2005), University of Pennsylvania (January 2006), Singapore Management University (February 2006), Duke University (April 2006), East-West Center (August 2006), Brown University (February 2007), University of Wisconsin (March 2007), University of Maryland (April 2007).

†Smith, Herbert L. 2003. “Some Thoughts on Causation as It Relates to Demography and Population Studies.” Paper presented at the Annual Meeting of the Population Association of America, May, Minneapolis, Minn.

†Mason, Karen Oppenheim, Herbert L. Smith†, Angela Stach, and S. Philip Morgan. 2003. “Muslim Women in Southeast Asia: Do They Have Less Autonomy Than Their Non-Muslim Sisters?” Paper presented at the East-West Center, August, Honolulu, Hawai'i.

†Smith, Herbert L. 2002. “Introducing New Contraceptives in Rural China: A Field Experiment.” Paper presented at the conference on Progress and Prospects for Place Based Randomized Trials, Bellagio, Italy, November.

Herbert L. Smith (March 16)

†Smith, Herbert L. 2002. “The Experimental Model and Method: Some Comments.” Talk given at the 2002 Jerry Lee Lecture, University of Pennsylvania, February.

†Mason, Karen Oppenheim, and Herbert L. Smith. 2001. “Thinking About, Measuring, and Analyzing Women's Empowerment/Autonomy: Lessons from a Cross-Country Comparative Studies.” Paper presented at the Annual Meeting of the Population Association of America, Washington D.C., March.

†Ghuman, Sharon J., Helen J. Lee, and Herbert L. Smith. 2001. “Measurement of Female Autonomy According to Women and their Husbands: Results from Five Asian Countries. Paper presented at the Annual Meeting of the Population Association of America, Washington D.C., March.

†Merli, M. Giovanna, and Herbert L. Smith. 2000. “Has the Chinese Birth Planning Program Been Successful in Changing Fertility Preferences? Evidence from Linked Records in Four Counties in Rural Northern China.” Paper presented at the Annual Meeting of the Population Association of America, Los Angeles, California, March.

Smith, Herbert L., and Karen Oppenheim Mason†. 1999. “Female Autonomy and Fertility in Five Asian Countries.” Paper presented at the Annual Meeting of the Population Association of America, New York, New York, March.

†Morgan, S. Philip, Sharon Stash, Karen Oppenheim Mason, and Herbert L. Smith. 1998. “Religious Differences in the Desire for Children and in Contraceptive Use: Moslem and Non-Moslem Differences in Pakistan, India, Thailand and the Philippines.” Paper presented at the Annual Meeting of the Population Association of America, Chicago, Illinois, April.

†Smith, Herbert L. 1996. “Flexible Sex Ratios.” Paper presented at the Second Conference on Introducing New Contraceptives in Rural China, Seattle, Washington, 11-13 October.

†Smith, Herbert L. 1996. “Occupational Mismatch: A Twenty Year Retrospective.” Invited paper presented at the Clifford C. Clogg Memorial Conference on Social Science and Statistics, State College, Pennsylvania, September 26-28.

†Merli, M. Giovanna, Herbert L. Smith, Mark Hereward, and Zhenchao Qian. 1996. “Demographic Research in Rural China: Field Observations from Work in Four Counties in North China.” Paper presented at the Annual Meeting of the Population Association of America, New Orleans, Louisiana, 2-4 May.

†Smith, Herbert L., S. Philip Morgan, and Tanya Koropeckyj-Cox. 1995. “A Decomposition of Trends in the Nonmarital Fertility Ratios of Blacks and Whites in the United States, 1960-1992.” Paper presented at the Annual Meeting of the American Sociological Association, Washington, D.C., August 17-22.

Herbert L. Smith (March 16)

†Smith, Herbert L., Zeba Sathar, Corazon Raymundo, Shyamala Magaraj, Napaporn Chayovan, Shireen Jejeebhoy, and Karen O. Mason. 1995. "The Impact of Women's Status on Unmet Need for Contraception in Five Asian Countries." Paper presented at the Annual Meeting of the Population Association of America, San Francisco, California, April 6-8.

Morgan, S. Philip, Herbert L. Smith, and Constance T. Gager†. 1994. "Discrepant Responses in Spouses' Reports of Coital Frequency." Paper presented at the Annual Meetings of the American Sociological Association, Los Angeles, California, August 5-9.

†Smith, Herbert L., and S. Philip Morgan. 1994. "Individual and Couple Intentions for More Children: An Application of the Rasch Model." Paper presented at the Annual Meeting of the Population Association of America, Miami, Florida, May 5-7.

Smith, Herbert L., Tu Ping, M. Giovanna Merli, and Mark Hereward†. 1993. "Implementation of a Demographic and Contraceptive Surveillance System in North China." Paper presented at the Seminar on Family Planning Evaluation, in Chiang Mai, Thailand, October.

†Aiken, Linda H. and Herbert L. Smith. 1993. "Effects of Specialization on the Status and Autonomy of Nurses: Results from a Natural Experiment in Hospital AIDS Care," paper presented at the Annual Meeting of the American Sociological Association, Miami Beach, Florida, August.

†Smith, Herbert L., and Linzhu Tian. 1993. "Variation in Sex Ratios for First Births in Four Counties: Where Does the Variation Begin?," paper presented at the Conference on Introducing New Contraceptives in Rural China, Honolulu, Hawaii, June.

†Smith, Herbert L., Nilda Peragallo, Ximena Ferrer, Eileen Lake, and Linda Aiken. 1992. "AIDS Prevention Research: Population-Based and Epidemiological Perspectives, as Applied to the AIDS Epidemic in Chile." Paper presented at the Annual Meeting of the Population Association of America Annual Meeting, Denver, Colorado, May; also presented at the Investigators' Pre- International AIDS Conference Workshop, Utrecht, the Netherlands, July 1992.

†Aiken, Linda H., Herbert L. Smith, Eileen Lake, Linzhu Tian, and Sharon Donovan. 1991. "A National Evaluation of Two Models for Organizing Inpatient AIDS Care." Paper presented at the Second Annual AHCPR Conference on Health Services Research and AIDS, Miami, Florida, December.

†Aiken, Linda H., Herbert L. Smith, and Eileen Lake. 1991. "Effects of Organizational Innovations in AIDS Care on 'Burnout' among Urban Hospital Nurses." Paper presented at the Annual Meeting of the American Sociological Association, Cincinnati, Ohio, August.

Herbert L. Smith (March 16)

- †Smith, Herbert L., and Aimée Dechter. 1990. "Effects of Nonresponse on the Measurement of Social Life Feelings." Invited paper presented at the Workshop on Attitude Measurement in Sociology, Werner Reimers Stiftung, Bad Homburg, Germany, July.
- †Smith, Herbert L., Frank F. Furstenberg, and M. E. Hughes. 1989. "Variation in Mother-Teenager Agreement in a Survey of Philadelphia Area Parents and Teens," Paper presented at the Annual Meetings of the American Association of Public Opinion Research, St. Petersburg, Florida, May.
- †Smith, Herbert L. 1989. "Current Trends in Nonmarital Fertility and Divorce." Invited paper presented at the Rockford Institute conference on The Retreat from Marriage, Rockford, Illinois, May.
- †Smith, Herbert L. 1988. "Relationship of Sibship Size of Birth Cohorts to the Fertility of Corresponding Maternal Generations." Paper presented at the Annual Meeting of the Population Association of America, New Orleans, Louisiana, April.
- †Smith, Herbert L. 1986. "Theory and Research on the Status of Women and Fertility: Some Necessary Linkages." Invited paper presented at the Rockefeller Foundation Conference on the Status of Women and Fertility, Mt. Kisco, New York, July.
- †Smith, Herbert L. 1984. "Overeducation and Underemployment: Problems and Prospects." Paper presented at the Annual Meetings of the American Sociological Association, San Antonio, Texas, August.
- †Smith, Herbert L. 1984. "The Social Forecasting Industry." Invited paper presented at the Social Science Research Council Conference on Forecasting in the Social and Natural Sciences, National Center for Atmospheric Research, Boulder, Colorado, June.
- †Smith, Herbert L., and Paul P. L. Cheung. 1983. "Trends in the Effect of Family Background on Educational Attainment in the Philippines." Paper presented at the Workshop on Asian Families, East-West Population Institute, Honolulu, Hawaii, July.
- †Smith, Herbert L. 1982. "Demographic Determinants of Higher Education Enrollment Rates." Invited address to the Sixth Annual Advanced Leadership Seminar for State Academic Officers, Nashville, Tennessee, July.
- Smith, Herbert L, Sergio Vargas, Allen Beck, and David Goldberg†. 1981. "The 93¢ Husband: Income Returns among Mexican-Americans in Detroit." Paper presented to the Social Statistics Section of the Annual Meetings of the American Statistical Association, Detroit, Michigan, August. (This appears in the *1981 Proceedings of the Social Statistics Section of the American Statistical Association.*)

Herbert L. Smith (March 16)

†Mason, William M., and Herbert L. Smith. 1979. "Age-Period-Cohort Analysis and the Study of Deaths from Pulmonary Tuberculosis." Paper presented at the Social Science Research Council Conference on Analyzing Longitudinal Data for Age, Period, and Cohort Effects, Snowmass, Colorado, June.

**Fellowships and Grants** (direct costs)

Principal Investigator, NICHD R24-HD044964, "Population Research Center Grant" (\$453,000 annual), January 2005-November 2009, August 2011-June 2018. Core faculty, November 2009-July 2011.

Co-investigator (Matthew McHugh, PI), NINR R01-NR-016002, "The Impact of Nursing on In-Hospital Cardiac Arrest Patient Outcomes," March 2016-February 2019.

Co-investigator (Linda H. Aiken, PI), NINR R01-NR014855, "Panel Study of Effects of Changes in Nursing on Patient Outcomes," September 2014-June 2019.

Co-investigator (Matthew McHugh, PI), NIA R01-AG-041088, "Hospital Care Environment, Neighborhood, and Racial Disparities in Elder Outcomes," (\$216,000 annual), December 2011-November 2012.

Co-investigator (Linda H. Aiken, PI), NINR R01-NR004513, "Outcomes of Nurse Practice Environments" (\$294,000 annual), January 2005-May 2013.

Mentor (Margo Brooks Carthon, PI), NINR K01-NR-012003, "Nurse Practice Environment Influences in Reducing Disparities in Hospital Outcomes," Career Development Award, July 2010-May 2013.

Principal Investigator, NICHD T32-HD07242, "Training Grant in Demography"(\$209,000 annual), July 1987-December 2009. Core faculty, December 2009-present.

Core E Principal Investigator (Beth Soldo, PI), NIA P30-AG012836, "Statistical Data Enclave Core (PARC)" (\$17,000 annual), July 2004-June 2009. Program associate, June 2009-present.

Co-investigator (Linda H. Aiken, PI), NINR P30-NR005043, "Center for Nursing Outcomes Research" (\$312,000 annual), January 2005-April 2010.

Core Faculty (Linda H. Aiken, PI), NINR T32-NR007104, "Advanced Training in Nursing Outcomes Research" (\$430,000 annual), January 2005-present.

Core Faculty (Beth Soldo, PI), NIA T32-AG000177, "Demography of Aging" (\$143,000 annual), May 1997-present.

Herbert L. Smith (March 16)

Principal Investigator, Mellon Foundation, “Fellowship Program for the Ph.D.-Level Training of African Students in Demography” (\$440,000), July 2001-August 2006.

Principal Investigator, Compton Foundation Dissertation Fellowship Grant, 2000-2004

Principal Investigator, Hewlett Foundation Training Grant, Fall 1998-December 2005.

Principal Investigator, Population Aging Research Center (NIA)/Boettner Institute, “Aging of Local Populations: A Preliminary Investigation” (\$14,000), July 2003-June 2004.

Co-principal Investigator (Beth Soldo, PI), NIA, “Matching via Propensity Scores” (\$70,000)

Principal Investigator, NICHD 1R01HD33757-01, “Women’s Status and Fertility” (\$185,000), January 1999-May 2002.

Principal Investigator, NIH 1R01HD33791-01, “Women’s Status and Fertility” (\$611,211), March 1996-May 2002.

Principal Investigator, Rockefeller Foundation, “Informed Choice in the Chinese Family Planning System: Evaluation and Possible Extension” (\$87,000), January 2000-December 2001.

Principal Investigator, Rockefeller Foundation, “INCRF Follow-up” (\$25,000), July 1999-June 2000.

Support from the Mellon Grant (Population Studies Center--Internal) for field research in China (\$32,500), March 1996

Principal Investigator, The Rockefeller Foundation, Oversight of a Field Experiment in Family Planning in Rural China” (\$296,952), June 1993-December 1996 (three one-year grants, combined here)

Co-principal Investigator (S. Philip Morgan, Principal Investigator), NIH 1-R01-HD-31055-01, “Evaluating Assessments of Subjective Phenomena within Families” (\$409,326), September 1993-present

Support from the Mellon Grant (Population Studies Center--Internal), for a three-month “re-entry” visit for Dr. Mark Hereward, from China (\$16,500), October 1994-January 1995

Principal Investigator, The Rockefeller Foundation, “A Comparative Study of Women’s Status and Fertility in Five Asian Countries--Phase II” [Penn component] (\$109,800), 1992-95

Project Associate, National Institutes on Aging, (Samuel H. Preston, Principal Investigator), “African-American Mortality, 1930-1990” (\$317,806 year 1), 1992-95

Herbert L. Smith (March 16)

Co-Investigator, Agency for Health Care Policy and Research, (Linda Aiken, Principal Investigator), "Outcomes of Hospital Dedicated AIDS Units" (\$824,624), 1992-94

Co-investigator, National Center for Nursing Research, National Institutes of Health, and Centers for Disease Control, (Linda Aiken, Principal Investigator), "AIDS Care: Nurse Retention and Patient Satisfaction, A Competing Supplement" (\$430,601), 1991-93

Co-investigator, NIH/USAID, National Center for Nursing Research, and National Institutes of Health, (Linda Aiken, Principal Investigator), "A Nursing Intervention to Prevent AIDS in Chile" (\$684,000), 1990-94

Co-investigator, National Center for Nursing Research, National Institutes of Health, (Linda Aiken, Principal Investigator), "AIDS Care: Impact of Hospital Organizational Structure on Patient and Nurse Outcomes" (\$1,300,000), 1990-93

Co-investigator, Baxter Foundation, (Linda Aiken, Principal Investigator), "Impact of Organizational Factors and Labor Mix on Hospital Mortality" (\$80,000), 1990-91

Principal Investigator, Rockefeller Foundation, Population Sciences Division, "A Field Experiment in Family Planning in Rural China--Planning Meetings" (\$16,825), 1990

Co-Principal Investigator, Rockefeller Foundation, Population Sciences Division, (with Karen O. Mason and others), for "Women's Status and Fertility in Five Asian Countries--Phase I" (\$99,700), 1988-89

University of Pennsylvania, Instructional Computing Development Fund, (with S. Philip Morgan), for "Data Modules for Sociology Classes" (\$2,000), 1988

University of Pennsylvania Research Foundation, for "Trends in Sibship Size and Sibling Squeeze in the United States" (\$12,500), 1988

Spencer Foundation Grant, Indiana School of Education, for "Educational Antecedents of Occupational Mismatch: A Pilot Study" (\$9,100), 1985-86

Indiana University--Bloomington Summer Faculty Fellowship, for "Educational Antecedents of Occupational Mismatch: Preparation of a Pilot Study" (\$4,000), 1985

Biomedical Research Support Grant, National Institutes of Health, for "Multivariate Analysis of Data Obtained from Retrospective Sampling Designs" (\$2,400), 1984-85.

Visiting Research Fellowship, Population Sciences Division, The Rockefeller Foundation, 1981-83

National Science Foundation Graduate Fellowship, Sociology (taken at The University of Michigan, 1977-79, 1980-81)

Herbert L. Smith (March 16)

### **Professional Service**

External Reviewer, *Département de démographie, Université de Montréal*, 2014.

*Président, commission d'évaluation*, Institut National d'Etudes Démographiques, Paris, France, 2009-2013.

Board of Directors, Population Association of America, 2008-2010

Chair, Section on Sociology of Population, American Sociological Association, 2006-07 (Chair-elect, 2005-06, Past-Chair, 2007-08)

National Institute of Child Health and Human Development (NICHD/NIH), Panel on Demographic Research, 2004-08 (Chair, 2006-08)

National Science Foundation, Sociology Panel, 2003-05

Chair, Publications Committee, Population Association of America, 2002-03

Content Advisory Panel, NORC/NSF 2005 Survey of Doctoral Recipients

Reviewer, Social Science Research Council Graduate Fellowships, 2000

Associate Editor, *Evaluation Review*, 1998-present

Associate Editor, *Sociological Methods and Research*, 1998-present

Associate Editor, *Sociological Methodology*, 1994-1997

Associate Editor, *American Sociological Review*, 1990-1993, 2002-03

Co-organizer (with William Lavelly and Tu Ping), Second Conference in Introducing New Contraceptives in Rural China, Seattle, Washington, October 1996 (19 participants)

Council Officer, American Sociological Association, Section on Sociology of Population, 1993-1996

Co-organizer (with Karen O. Mason), Status of Women and Fertility Project Analysis Working Group. Honolulu, Hawaii, October 1994 (15 participants)

Organizer, Conference on Introducing New Contraceptives in Rural China. Honolulu, Hawaii, June 1993 (24 participants)

Referee, *American Sociological Review*, *Social Forces*, *Demography*, *Sociological Methodology*, *Sociological Methods and Research*, *Journal of the American Statistical Association*,



Herbert L. Smith (March 16)

*Population, Social Science Research, Research in Social Stratification and Mobility, Journal of Politics, Child Development, Review of Educational Research, Sociological Quarterly, International Family Planning Perspectives, Studies in Family Planning*

Panel to Review Evaluation Studies of Bilingual Education, National Academy of Science, 1991-1992

Consultant, Family Planning Council of Southeastern Pennsylvania, 1988-1994

Program Committee for the Annual Meeting of the Population Association of America, 1992

Consultant, American Institute of Physics Working Group for the AIP Study of Multi-Institutional Collaborations, 1988-1989

Guest Professor, Zentrum für Umfragen Methoden and Analysen (ZUMA), Mannheim, West Germany, October 1988

Guest Professor, Zentrum für Umfragen Methoden and Analysen (ZUMA), Mannheim, West Germany, October 1986

Consultant, Population Sciences' Research Program on the Status of Women and Fertility, The Rockefeller Foundation, 1986

Editorial Board, *Sociological Methods and Research*, 1985-1994, 1998-

Planning Committee, Workshop on Forecasting in the Social and Natural Sciences, Social Science Research Council, 1983-84

Member, Advisory Group for the 1983 Annual Report of the State of Indiana Higher Education Commission

### **Ph.D.s Supervised**

#### **Chair**

Giovanna Merli (B.A., University of Venice, 1987; M.A., The Johns Hopkins University, 1991; A.M., Ph.D., Demography, University of Pennsylvania, 1996); “Demographic Processes in China and Vietnam: Three Essays”; Professor of Public Policy and Sociology, Duke University.

Rosalind Berkowitz King (B.A., University of Maryland College Park, 1993; A.M., Ph.D., Sociology and Demography, Pennsylvania, 2000); “Women’s Fertility in Late Modernity”; Health Science Administrator, National Institute for Child Health and Human Development.

Herbert L. Smith (March 16)

Sharon Ghuman (B.A., Wellesley College, 1997; A.M., Ph.D., Demography, University of Pennsylvania, 2002); “The Relationship Between Women’s Autonomy And Infant And Child Survival: Evidence From India, Malaysia, Pakistan, Philippines And Thailand”; Consultant, Goldfinch Research Group.

Katherine Miller (B.A., Brown University; MPH, Columbia University, 1995; A.M., Ph.D., Demography, University of Pennsylvania, 2002); “Demographic and Social Aspects Of Twentieth-Century Low Fertility Populations: Three Approaches.”

Jennifer Hikes Lundquist (B.A. Washington and Lee, 1995; A.M., Ph.D., Sociology and Demography, University of Pennsylvania, 2004); “A Counterfactual Approach to the Black-White Differential in Family Trends: The Effect of a ‘Total Institution’”; Professor of Sociology, University of Massachusetts–Amherst.

Simona Bignami (Bachelor Degree, Università Luigi Bocconi, 1999; M.Sc. London School of Economics, 2000; A.M., Ph.D., Demography, University of Pennsylvania, 2004); “Demographic Measurement And Analysis In Developing Countries: Three Essays”; Professeure agrégée, Département de démographie, Université de Montréal.

Sarah Hayford (B.A., Amherst College, 1997; A.M., Ph.D., Demography and Sociology, University of Pennsylvania, 2005); “Fertility and Marriage in an Era of Family Change”; Associate Professor of Sociology, Ohio State University.

Rania Tfaily (B.S., American University of Beirut, 1999; M.S., American University of Beirut, 2001; A.M., Ph.D., Demography, University of Pennsylvania, 2006); “Changes in Traditional Practices in Contemporary Demographic Regimes in the Middle East and South and Southeast Asia: Three Essays”; Assistant Professor of Sociology, Carleton University.

Vitor Miranda (B.A. Universidade Federal de Minas Gerais, 2004; M.A. Universidade Federal de Minas Gerais, 2007; A.M., Ph.D., Demography and Sociology, University of Pennsylvania, 2014); “Measuring Racial Self-Identification over the Life Course in Brazil, 1940-2013”; Research Fellow, Department of Sociology, Stockholm University.