

# Hans-Peter Kohler

## Curriculum Vitae

Frederick J. Warren Professor of Demography  
Chair, Graduate Group in Demography

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## Academic Positions and Honors

### Positions:

2010– Frederick J. Warren Professor of Demography, University of Pennsylvania  
2006– Professor of Sociology, University of Pennsylvania  
2008– Chair, Graduate Group in Demography  
2003– Research Associate, Population Studies Center, University of Pennsylvania  
2003– Research Associate, Population Aging Center, University of Pennsylvania  
2004– Member, Center for AIDS Research, University of Pennsylvania  
2003–2006 Associate Professor of Sociology, University of Pennsylvania  
2002 (fall) Visiting Professor, Department of Demography, University of California at Berkeley  
2001–2004 Professor (part-time), Institute of Public Health, University of Southern Denmark  
1997–2002 Head of Research Group on *Social Dynamics and Fertility*, Max Planck Institute for Demographic Research (Nachwuchsgruppenleiter C3)

### Honors:

2011– Member, Sociological Research Association (SRA)  
2010– Editorial Board Member, *Demography*  
2009– Fellow, DONDENA “Carlo F. Dondeña” Centre for Research on Social Dynamics, Università Bocconi, Milan, Italy  
2009– Editorial Board Member, *Biodemography and Social Biology*  
2009–10 Editorial Board Member, *Social Forces*  
2008– Editorial Board Member, *Advances in Life Course Research*  
2008– Member of the Scientific Committee, *Genus*  
2007–11 Member, NIH study section on *Behavioral and Social Science Approaches to Preventing HIV*  
2007– President, *Society of Biodemography and Social Biology*  
2007–10 Council Member, Population Association of America  
2006–07 Fellow, Center for Advanced Studies at the Norwegian Academy of Science  
2006 Clifford C. Clogg Award for Early Career Achievement by the Population Association of America  
2005 Short-term visiting professor, Bocconi University  
2005–08 Member, Working Group on *Explaining Family Change and Variation*, Duke University and NICHD

2002–08 Associate Editor, *Demographic Research*  
 2001–02 Member, Panel for the NAS workshop on the *Biodemography of Fertility and the Family Behavior*

## Education

University of California at Berkeley	Ph.D.	1997	Economics
<i>Dissertation title:</i>	<i>Fertility and Social Interactions: An Economic Approach</i>		
<i>Dissertation committee:</i>	Ronald Lee (chair), Kenneth Wachter, Daniel McFadden and Paul Romer		
University of California at Berkeley	M.A.	1994	Demography
Fachhochschule Kempten	Diplom-Betriebswirt (FH)	1992	Business Administration

## Research Interests

Low and lowest-low fertility, HIV/AIDS in sub-Saharan Africa, sexual and social networks, biodemography of fertility and related behaviors, socioeconomic determinants of health, demographic methods for measuring and forecasting fertility.

## Publications

(Note: Click on URL and DOI links for online access to publications)

### Selected Key Publications:

Myrskylä, Mikko, Hans-Peter Kohler and Francesco C. Billari (2009). Advances in development reverse fertility declines. *Nature*, 460(7256): 741–743. doi:10.1038/nature08230.

Helleringer, Stéphane and Hans-Peter Kohler (2007). Sexual network structure and the spread of HIV in Africa: Evidence from Likoma Island, Malawi. *AIDS*, 21(17): 2323–2332. doi:10.1097/QAD.0b013e328285df98.

Kohler, Hans-Peter, Jere R. Behrman and Susan C. Watkins (2007). Social networks and HIV/AIDS risk perceptions. *Demography*, 44(1): 1–33. doi:10.1353/dem.2007.0006.

Kohler, Hans-Peter, Jere R. Behrman and Axel Skytthe (2005). Partner + children = happiness? An assessment of the effect of fertility and partnerships on subjective well-being in Danish twins. *Population and Development Review*, 31(3): 407–445. doi:10.1111/j.1728-4457.2005.00078.x.

Kohler, Hans-Peter, Francesco C. Billari and José A. Ortega (2002). The emergence of lowest-low fertility in Europe during the 1990s. *Population and Development Review*, 28(4): 641–681. <http://www.jstor.org/stable/3092783>.

Kohler, Hans-Peter and José A. Ortega (2004). Old insights and new approaches: Fertility analysis and tempo adjustment in the age-parity model. *Vienna Yearbook of Population Research 2004*, 2: 57–89. [http://hw.oeaw.ac.at/0xc1aa500d\\_0x00062020](http://hw.oeaw.ac.at/0xc1aa500d_0x00062020).

### Books:

Johnson-Hanks, Jennifer, S. Philip Morgan, Christine Bachrach and Hans-Peter Kohler (forthcoming). *Understanding Family Change and Variation: Structure, Conjuncture, and Action*. New York/Berlin: Springer Verlag.

Engelhardt, Henriette, Hans-Peter Kohler and Alexia Fürnkranz-Prskawetz (Editors) (2009). *Causal Analysis in Population Studies*, The Springer Series on Demographic Methods and Population Analysis. Berlin: Springer Verlag. <http://books.google.com/books?id=ArfD-y8lvaQC>.

Rodgers, Joseph L. and Hans-Peter Kohler (Editors) (2002). *Biodemography of Human Reproduction and Fertility*. Boston: Kluwer. <http://books.google.com/books?id=yng3lyHr1mkC>.

- Kohler, Hans-Peter (2001). *Fertility and Social Interactions: An Economic Perspective*. Oxford: Oxford University Press. <http://books.google.com/books?id=03WVNSjf1KkC>.
- Kohler, Hans-Peter (1992). *Grundlagen der Bewertung von Optionen und Optionsscheinen*. Wiesbaden: Gabler Verlag. [in German; English title: *Foundations of the Evaluation of Options and Warrants*].
- Pflaumer, Peter, with assistance of Hans-Peter Kohler (1992). *Investitionsrechnung*. Wiesbaden: Gabler Verlag. [in German; English title: *Investment Calculus*].

### Peer-reviewed articles:

- Kohler, Hans-Peter and Rebecca Thornton (forthcoming). Conditional cash transfers and HIV/AIDS prevention: Unconditionally promising? *World Bank Economic Review*. An earlier version of this paper is available as BREAD Working Paper No. 283, (September 2010), <http://ipl.econ.duke.edu/bread/abstract.php?paper=283>.
- Armbruster, Benjamin, Stéphane HELLERINGER, Linda Kalilani-Phiri, James Mkandawire and Hans-Peter Kohler (forthcoming). Exploring the relative costs of contact tracing in increasing HIV case-finding in sub-Saharan countries: the case of Likoma Island (Malawi). *Journal of Acquired Immune Deficiency Syndrome*.
- Kohler, Hans-Peter, Jere R. Behrman and Jason Schnittker (2011). Social science methods for twins data: Integrating causality, endowments and heritability. *Journal of Biodemography and Social Biology*, 57(1): 88–141. doi:10.1080/19485565.2011.580619.
- Yang, Otto O., Martha J. Lewis, Elaine F. Reed, David W. Gjertson, Linda Kalilani-Phiri, James Mkandawire, Stéphane HELLERINGER and Hans-Peter Kohler (forthcoming). HLA class I haplotypes of HIV-1-infected persons on Likoma Island, Malawi. *Human Immunology*. doi:10.1016/j.humimm.2011.05.003.
- Delavande, Adeline and Hans-Peter Kohler (forthcoming). The impact of HIV testing on subjective expectations and risky behavior in Malawi. *Demography*.
- HELLERINGER, Stéphane, Hans-Peter Kohler, Linda Kalilani-Phiri and James Mkandawire (forthcoming). Women under-estimate the age of their partners during survey interviews: Implications for HIV risk in age-disparate relationships in northern Malawi. *Sexually Transmitted Diseases*.
- HELLERINGER, Stéphane, Hans-Peter Kohler, Linda Kalilani-Phiri, James Mkandawire and Benjamin Armbruster (2011). The reliability of sexual partnership histories: implications for the measurement of partnership concurrency during surveys. *AIDS*, 25(254): 503–511.
- Kohler, Hans-Peter (2010). Fertility and its implications. In *UNESCO-EOLSS Encyclopedia of Life Support Systems: Demography*, edited by Zeng Yi. Ramsey, Isle of Man: Eolss Publishers Co. <http://www.eolss.net>.
- Behrman, Jere R., Hans-Peter Kohler, Vibeke Jensen, Dorthe Pedersen, Inge Petersen, Paul Bingley and Kaare Christensen (forthcoming). Does more schooling reduce hospitalization and delay mortality? New evidence based on Danish twins. *Demography*.
- Myrskylä, Mikko, Hans-Peter Kohler and Francesco C. Billari (2009). Advances in development reverse fertility declines. *Nature*, 460(7256): 741–743. doi:10.1038/nature08230.
- HELLERINGER, Stéphane, Hans-Peter Kohler, Agnes Chimbiri, Praise Chatonda and James Mkandawire (2009). The Likoma Network Study: Context, data collection and initial results. *Demographic Research*, 21(15): 427–468. doi:10.4054/DemRes.2009.21.15.
- Delavande, Adeline and Hans-Peter Kohler (2009). Subjective expectations in the context of HIV/AIDS in Malawi. *Demographic Research*, 20(31): 817–874. doi:10.4054/DemRes.2009.20.31.
- HELLERINGER, Stéphane, Hans-Peter Kohler and Linda Kalilani-Phiri (2009). The association of HIV serodiscordance and partnership concurrency in Likoma Island (Malawi). *AIDS*, 23(10): 1285–1287. doi:10.1097/QAD.0b013e32832aa85c.
- Boileau, Catherine, Shelley Clark, Michelle Poulin, Simona Bignami-Van Assche, George Reniers, Susan C. Watkins, Hans-Peter Kohler and J. Heymann (2009). Sexual and marital trajectories and HIV infection among ever-married women in rural Malawi. *Sexually Transmitted Infections*, 85(Supplement 1): i27–i33. doi:10.1136/sti.2008.033969.

- Helleringer, Stéphane, Hans-Peter Kohler and James Mkandawire (2009). Increasing uptake of HIV testing and counseling among the poorest in sub-Saharan countries through home-based service provision. *Journal of Acquired Immune Deficiency Syndromes*, 51(2): 185–193. doi:10.1097/QAI.0b013e31819c1726.
- Anglewicz, Philip, Jimi Adams, Francis Obare, Hans-Peter Kohler and Susan Watkins (2009). The Malawi Diffusion and Ideational Change Project 2004–06: Data collection, data quality and analyses of attrition. *Demographic Research*, 20(21): 503–540. doi:10.4054/DemRes.2009.20.21.
- Anglewicz, Philip and Hans-Peter Kohler (2009). Overestimating HIV infection: The construction and accuracy of subjective probabilities of HIV infection in rural Malawi. *Demographic Research*, 20(6): 65–96. doi:10.4054/DemRes.2009.20.6.
- Behrman, Jere R., Hans-Peter Kohler and Susan C. Watkins (2009). Lessons from empirical network analyses on matters of life and death in East Africa. In *The Network Challenge: Strategy, Profit, and Risk in an Interlinked World*, edited by Paul R. Kleindorfer and Yorem Wind, chapter 28, pp. 495–512. Upper Saddle River, NJ: Wharton School Publishing. <http://books.google.com/books?id=gjq4mC3hW1QC>.
- Clark, Shelley, Michelle Poulin and Hans-Peter Kohler (2009). Marital aspirations, sexual behaviors, and HIV/AIDS in rural Malawi. *Journal of Marriage and the Family*, 71(2): 396–416. doi:10.1111/j.1741-3737.2009.00607.x.
- Obare, Francis, Peter Fleming, Philip Anglewicz, Rebecca Thornton, F. Martinson, Agatha Kapatuka, Michelle Poulin, Susan C. Watkins and Hans-Peter Kohler (2009). Acceptance of repeat population-based voluntary counseling and testing for HIV in rural Malawi. *Sexually Transmitted Infections*, 85(2): 139–144. doi:10.1136/sti.2008.030320.
- Helleringer, Stéphane and Hans-Peter Kohler (2008). Cross-sectional research design and relatively low HIV incidence, rather than blood exposures, explain the peripheral location of HIV cases within the sexual networks observed on Likoma. *AIDS*, 22(11): 1378–1379. doi:10.1097/QAD.0b013e3282fc733b.
- Rodgers, Joseph L., Hans-Peter Kohler, Matt McGue, Jere R. Behrman, Inge Petersen, Paul Bingley and Kaare Christensen (2008). Education and cognitive ability as direct, mediated, or spurious influences on female age at first birth: Behavioral genetic models fit to Danish twin data. *American Journal of Sociology*, 114(Supplement): S202–S232. doi:10.1086/592205.
- Billari, Francesco C., Hans-Peter Kohler, Gunnar Andersson and Hans Lundström (2007). Approaching the limit: Long-term trends in late and very late fertility. *Population and Development Review*, 33(1): 149–170. doi:10.1111/j.1728-4457.2007.00162.x.
- Helleringer, Stéphane, Hans-Peter Kohler and Agnes Chimbiri (2007). Characteristics of external/bridge relationships by partner type and location where sexual relationship took place. *AIDS*, 21(18): 2560–2561. doi:10.1097/QAD.0b013e3282f112bd.
- Helleringer, Stéphane and Hans-Peter Kohler (2007). Sexual network structure and the spread of HIV in Africa: Evidence from Likoma Island, Malawi. *AIDS*, 21(17): 2323–2332. doi:10.1097/QAD.0b013e328285df98.
- Kohler, Hans-Peter, Jere R. Behrman and Susan C. Watkins (2007). Social networks and HIV/AIDS risk perceptions. *Demography*, 44(1): 1–33. doi:10.1353/dem.2007.0006.
- Kohler, Hans-Peter, Joseph L. Rodgers, Warren B. Miller, Axel Skytthe and Kaare Christensen (2006). Bio-social determinants of fertility. *International Journal of Andrology*, 29(2): 46–53. doi:10.1111/j.1365-2605.2005.00606.x.
- Kohler, Hans-Peter (2006). The determinants of low fertility in Europe. *Entre Nous – The European Magazine for Sexual and Reproductive Health*, 63: 12–13. <http://www.euro.who.int/document/ens/en63.pdf>.
- Kohler, Hans-Peter, Francesco C. Billari and José A. Ortega (2006). Low fertility in Europe: Causes, implications and policy options. In *The Baby Bust: Who will do the Work? Who Will Pay the Taxes?*, edited by Fred R. Harris, pp. 48–109. Lanham, MD: Rowman & Littlefield Publishers. <http://books.google.com/books?id=75alsu8U9QAC&pg=PA48>.
- Skirbekk, Vegard, Hans-Peter Kohler and Alexia Prskawetz (2006). The marginal effect of school leaving age on demographic events. A contribution to the discussion on causality. In *Education and Postponement of Maternity: Economic Analyses for Industrialized Countries*, edited by Siv Gustafsson

- and Adriaan Kalwij, pp. 65–85. New York: Springer Verlag. <http://books.google.com/books?id=kamc8YHPjCwC&pg=PA65>.
- Billari, Francesco C. and Hans-Peter Kohler (2005). Reply to the note by Frejka and Sardon on our paper 'Patterns of low and lowest-low fertility in Europe' and an erratum. *Population Studies*, 59(2): 239–245. doi:10.1080/00324720500099843.
- Helleringer, Stéphane and Hans-Peter Kohler (2005). Social networks, risk perceptions and changing attitudes towards HIV/AIDS: New evidence from a longitudinal study using fixed-effect estimation. *Population Studies*, 59(3): 265–282. doi:10.1080/00324720500212230.
- Kohler, Hans-Peter, Jere R. Behrman and Axel Skytthe (2005). Partner + children = happiness? An assessment of the effect of fertility and partnerships on subjective well-being in Danish twins. *Population and Development Review*, 31(3): 407–445. doi:10.1111/j.1728-4457.2005.00078.x.
- Kohler, Hans-Peter (2005). Attitudes and low fertility: Reflections based on Danish twin data. In *The New Population Problem: Why Families in Developed Countries are Shrinking and What it Means*, edited by Ann C. Crouter and Alan Booth, pp. 99–113. Mahwah, N.J.: Lawrence Erlbaum Associates. <http://books.google.com/books?id=rPNbaFO6nfIC&pg=PA99>.
- Rodgers, Joseph L. and Hans-Peter Kohler (2005). Reformulating and simplifying the DF analysis model. *Behavior Genetics*, 35(2): 211–217. doi:10.1007/s10519-004-1020-y.
- Billari, Francesco C. and Hans-Peter Kohler (2004). Patterns of low and lowest-low fertility in Europe. *Population Studies*, 58(2): 161–176. doi:10.1080/0032472042000213695.
- Bühler, Christoph and Hans-Peter Kohler (2004). Der einfluss starker beziehungen auf die nutzung moderner kontrazeptiva in kenia. *Zeitschrift für Soziologie*, 33(1): 5–25.
- Kohler, Hans-Peter and José A. Ortega (2004). Old insights and new approaches: Fertility analysis and tempo adjustment in the age-parity model. *Vienna Yearbook of Population Research 2004*, 2: 57–89. [http://hw.oeaw.ac.at/0xc1aa500d\\_0x00062020](http://hw.oeaw.ac.at/0xc1aa500d_0x00062020).
- Skirbekk, Vegard, Kohler Hans-Peter and Alexia Prskawetz (2004). Birth month, school graduation and the timing of births and marriages. *Demography*, 41(3): 547–568. doi:10.1353/dem.2004.0028.
- Stark, Laura and Hans-Peter Kohler (2004). The popular debate about low fertility: An analysis of the German Press, 1993–2001. *European Journal of Population*, 20(4): 293–321. doi:10.1007/s10680-004-1695-z.
- Bühler, Christoph and Hans-Peter Kohler (2003). Talking about AIDS: The influence of communication networks on individual risk perceptions of HIV/AIDS infection and favored protective behaviors in South Nyanza District, Kenya. *Demographic Research*, Special Collection 1(13): 398–438. doi:10.4054/DemRes.2003.S1.13.
- Christensen, Kaare, Hans-Peter Kohler, Olga Basso, Jørn Olsen, James W. Vaupel and Joseph L. Rodgers (2003). The correlation of fecundability among twins: Evidence of a genetic effect on fertility? *Epidemiology*, 14(1): 60–64. <http://www.jstor.org/stable/3703280>.
- Hank, Karsten and Hans-Peter Kohler (2003). Sex preferences for children revisited: New evidence from Germany. *Population, English Edition*, 58(1): 133–143. <http://www.jstor.org/stable/3246647>.
- Kohler, Hans-Peter and Joseph L. Rodgers (2003). Education, fertility and heritability: Explaining a paradox. In *Offspring: Human Fertility Behavior in Biodemographic Perspective*, edited by Kenneth W. Wachter and Rodolfo A. Bulatao, pp. 46–90. Washington, D.C.: The National Academies Press. <http://books.google.com/books?id=poXXt7ta73cC&pg=PA46>.
- Watkins, Susan, Jere R. Behrman, Hans-Peter Kohler and Eliya M. Zulu (2003). Introduction to "Research on demographic aspects of HIV/AIDS in rural Africa". *Demographic Research*, Special Collection 1(1): 1–30. doi:10.4054/DemRes.2003.S1.1.
- Behrman, Jere R., Hans-Peter Kohler and Susan C. Watkins (2002). Social networks and changes in contraceptive use over time: Evidence from a longitudinal study in rural Kenya. *Demography*, 39(4): 713–736. doi:10.1353/dem.2002.0033.
- Billari, Francesco C. and Hans-Peter Kohler (2002). The impact of union formation dynamics on first births in West Germany and Italy: Are there signs of convergence? In *Dynamics of Fertility and Partnership in Europe: Insights and Lessons from Comparative Research*, edited by United Nations Economic Commission for Europe, E. Klijsing and M. Corijn, volume 2, pp. 43–58. Geneva / New York: United

- Nations. <http://books.google.com/books?id=dgA4uw1UcY8C&pg=PA43>.
- Kohler, Hans-Peter, Joseph L. Rodgers and Kaare Christensen (2002). Between nurture and nature: The shifting determinants of female fertility in Danish twin cohorts 1870–1968. *Social Biology*, 49(3–4): 218–248. <http://www.ssc.upenn.edu/~hpkohler/papers/twnurntnature01e.pdf>.
- Kohler, Hans-Peter and Iliana Kohler (2002). Fertility decline in Russia: Social versus economic factors. *European Journal of Population*, 18(3): 233–262. doi:10.1023/A:1019701812709.
- Kohler, Hans-Peter, Lisbeth Knudsen, Axel Skytthe and Kaare Christensen (2002). The fertility pattern of twins and the general population compared: Evidence from Danish cohorts 1945–64. *Demographic Research*, 6(14): 383–408. doi:10.4054/DemRes.2002.6.14.
- Kohler, Hans-Peter, Francesco C. Billari and José A. Ortega (2002). The emergence of lowest-low fertility in Europe during the 1990s. *Population and Development Review*, 28(4): 641–681. <http://www.jstor.org/stable/3092783>.
- Kohler, Hans-Peter and José A. Ortega (2002). Tempo-adjusted period parity progression measures: Assessing the implications of delayed childbearing for fertility in Sweden, the Netherlands and Spain. *Demographic Research*, 6(7): 145–190. doi:10.4054/DemRes.2002.6.7.
- Kohler, Hans-Peter and José A. Ortega (2002). Tempo-adjusted period parity progression measures, fertility postponement and completed cohort fertility. *Demographic Research*, 6(6): 91–144. doi:10.4054/DemRes.2002.6.6.
- Rodgers, Joseph L., Hans-Peter Kohler and Kaare Christensen (2002). Behavior genetic modeling of human fertility: Biology, psychology or both? In *Biodemography of human reproduction and fertility*, edited by Joseph L. Rodgers and Hans-Peter Kohler, pp. 229–250. Boston: Kluwer Academic Publishers. <http://books.google.com/books?id=yng3lyHr1mkC&pg=PA229>.
- Stark, Laura and Hans-Peter Kohler (2002). The debate over low fertility in the popular press: A cross-national comparison, 1998–1999. *Population Research and Policy Review*, 21(6): 535–574. doi:10.1023/A:1022990205200.
- Alderman, Harold, Jere R. Behrman, Hans-Peter Kohler, John Maluccio and Susan C. Watkins (2001). Attrition in longitudinal household survey data: Some tests for three developing country samples. *Demographic Research*, 5(4): 79–123. doi:10.4054/DemRes.2001.5.4.
- Kohler, Hans-Peter, Jere R. Behrman and Susan C. Watkins (2001). The density of social networks and fertility decisions: Evidence from South Nyanza District, Kenya. *Demography*, 38(1): 43–58. doi:10.1353/dem.2001.0005. <http://www.jstor.org/stable/3088287>.
- Kohler, Hans-Peter and Eugene A. Hammel (2001). On the role of families and kinship networks in pre-industrial agricultural societies: An analysis of the 1698 Slavonian census. *Journal of Population Economics*, 14(1): 21–49. <http://www.jstor.org/stable/20007748>.
- Kohler, Hans-Peter and Dimiter Philipov (2001). Variance effects in the Bongaarts-Feeney formula. *Demography*, 38(1): 1–16. doi:10.1353/dem.2001.0004.
- Philipov, Dimiter and Hans-Peter Kohler (2001). Tempo effects in the fertility decline in Eastern Europe: Evidence from Bulgaria, the Czech Republic, Hungary, Poland, and Russia. *European Journal of Population*, 17(1): 37–60. doi:10.1023/A:1010740213453.
- Rodgers, Joseph L., Hans-Peter Kohler, Kisten Kyvik and Kaare Christensen (2001). Behavior genetic modeling of human fertility: Findings from a contemporary Danish twin study. *Demography*, 38(1): 29–42. doi:10.1353/dem.2001.0009.
- Rodgers, Joseph L., Kimberly Hughes, Hans-Peter Kohler, Kaare Christensen, Debby Doughty, David C. Rowe and Warren B. Miller (2001). Genetic influence helps explain variation in human fertility outcomes: Evidence from recent behavioral and molecular genetic studies. *Current Directions in Psychological Science*, 10(5): 184–188. doi:10.1111/1467-8721.00145.
- Hank, Karsten and Hans-Peter Kohler (2000). Gender preferences for children in Europe: Empirical results from 17 FFS countries. *Demographic Research*, 2(1). doi:10.4054/DemRes.2000.2.1.
- Kohler, Hans-Peter and Joseph L. Rodgers (2000). DF-analyses of heritability with double-entry twin data: Asymptotic standard errors and efficient estimation. *Behavior Genetics*, 31(2): 179–191. doi:10.1023/A:1010253411274.

- Kohler, Hans-Peter, Jere R. Behrman and Susan C. Watkins (2000). Empirical assessments of social networks, fertility and family planning programs: Nonlinearities and their implications. *Demographic Research*, 3(7): 79–126. doi:10.4054/DemRes.2000.3.7.
- Kohler, Hans-Peter (2000). Fertility decline as a coordination problem. *Journal of Development Economics*, 63(2): 231–263. doi:10.1016/S0304-3878(00)00118-8.
- Kohler, Hans-Peter and Kaare Christensen (2000). Genetic influences on fertility behavior: Findings from a Danish twin study, 1910–1923. In *Genetic Influences on Fertility and Sexuality*, edited by J. L. Rodgers, D. C. Rowe and W. B. Miller, pp. 67–84. Boston: Kluwer Academic Publishers.
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- Kohler, Hans-Peter (2000). Social interaction and fluctuations in birth rates. *Population Studies*, 54(2): 223–238. <http://www.jstor.org/stable/2584662>.
- Kohler, Hans-Peter and Joseph L. Rodgers (1999). DF-like analyses of binary, ordered and censored variables using Probit and Tobit approaches. *Behavior Genetics*, 29(4): 221–232. doi:10.1023/A:1021686005855.
- Kohler, Hans-Peter, Joseph L. Rodgers and Kaare Christensen (1999). Is fertility behavior in our genes: Findings from a Danish twin study. *Population and Development Review*, 25(2): 253–288. <http://www.jstor.org/stable/172425>.
- Hammel, Eugene A. and Hans-Peter Kohler (1996). Kinship-based resource sharing in the agrarian economy of frontier Slavonia, 1698: Evidence from an early census. *History of the Family*, 1(4): 407–423. doi:10.1016/S1081-602X(96)90010-X.
- Kohler, Hans-Peter (1997). The effect of hedonic migration decisions and region-specific amenities on industrial location: Could Silicon Valley be in South Dakota? *Journal of Regional Science*, 37(3): 379–394. doi:10.1111/0022-4146.00060.
- Kohler, Hans-Peter (1997). Learning in social networks and contraceptive choice. *Demography*, 34(3): 369–383. <http://www.jstor.org/stable/3038290>.
- Pflaumer, Peter and Hans-Peter Kohler (1993). The leverage effect of warrants: An empirical investigation. *American Statistical Association: 1993 Proceedings of the Business and Economic Statistics Section*, pp. 266–271.

### Published reviews, commentaries, small papers, etc.:

- Kohler, Hans-Peter (forthcoming). Do children bring happiness and purpose in life? In *Whither the Child: Causes and Consequences of Low Fertility*, edited by W. Bradford Wilcox and Eric Kaufman. Paradigm Press.
- Kohler, Hans-Peter and Yuni Thornton (2009). *Getting Phinished in Demography: A Guide for Students*. Graduate Group in Demography, University of Pennsylvania. <http://www.pop.upenn.edu/programs/getting-Phinished-in-demography.pdf>.
- Engelhardt, Henriette, Hans-Peter Kohler and Alexia Fürnkranz-Prskawetz (2009). Introduction: Causal analysis in population studies. In *Causal Analysis in Population Studies*, edited by Henriette Engelhardt, Hans-Peter Kohler and Alexia Fürnkranz-Prskawetz, The Springer Series on Demographic Methods and Population Analysis, chapter 1, pp. 1–7. Berlin: Springer Verlag. <http://books.google.com/books?id=ArfD-y8lvaQC&pg=PT9>.
- Ortega, José A. and Hans-Peter Kohler (2009). Measuring low fertility: Rethinking demographic methods. In *Hommage à Gérard Calot—Profession: Démographe*, edited by Patrick Festy and Jean-Paul Sardon, pp. 141–181. Paris, France: INED. <http://www.ssc.upenn.edu/~hpkohler/papers/orte09m.pdf>.
- Ortega, José A. and Hans-Peter Kohler (2007). Medición de la baja fecundidad: repensando los métodos demográficos. *Estudios Demográficos Y Urbanos*, 66(3): 523–581.
- Kohler, Hans-Peter (2006). Book review of Tomáš Sobotka (ed.) “Postponement of childbearing and low fertility in Europe” (Amsterdam: Dutch University Press, 2004). *European Journal of Demography*, 22(4): 423–429. doi:10.1007/s10680-005-5011-3.

- Kohler, Hans-Peter (2003). Book review of "Diffusion Processes and Fertility Transition: Selected Perspectives." Edited by John B. Casterline. *Population Studies*, 57(3): 371–372. <http://www.jstor.org/stable/3595733>.
- Kohler, Hans-Peter and José A. Ortega (2002). Fertility, below-replacement. In *Encyclopedia of Population*, edited by Paul Demeny and Geoffrey McNicoll, volume 1, pp. 405–409. MacMillan Press. <http://books.google.com/books?id=hFJrPwAACAAJ&pg=PA405>.
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- Ortega, José A. and Hans-Peter Kohler (2001). ¿Está cayendo realmente la fecundidad española? Separación de los efectos intensidad, calendario y varianza en el índice sintético de fecundidad. *Revista Española Investigaciones Sociológicas*, 96: 95–122.
- Kohler, Hans-Peter (2000). Die neue demographie. In *Schweriner Wissenschaftstage: Bevölkerungsrückgang in Mecklenburg-Vorpommern*, edited by Mecklenburg-Vorpommern Ministerium für Bildung, Wissenschaft und Kultur. Schwerin: Ministerium für Bildung, Wissenschaft und Kultur. Also available as MPIDR Working Paper #2000-014 at <http://www.demogr.mpg.de>.
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- Kohler, Hans-Peter, Francesco C. Billari, Alexia Fürnkranz-Prskawetz and Jan M. Hoem (2000). Forschungsschwerpunkte des forschungsprogramms 'fertilität, familiendynamik und bevölkerungsentwicklungen' am max planck institut für demografische forschung. *Zeitschrift für Familienforschung*, 12(2): 109–119.
- Kohler, Hans-Peter and James W. Vaupel (2000). Demography and its relation to other disciplines. In *Position of Demography Among Other Disciplines*, edited by Zdenek Pavlík, pp. 19–26. Charles University, Faculty of Science.
- Ortega, José A. and Hans-Peter Kohler (2000). A comment on "Recent European fertility patterns: Fitting curves to 'distorted' distributions" by T. Chandola, D. A. Coleman and R. W. Hiorns. *Population Studies*, 54(3): 347–350. <http://www.jstor.org/stable/2584790>.
- Philipov, Dimiter and Hans-Peter Kohler (2000). Tempo and quantum effects in fertility [in Bulgarian, original title: Tempo i kvantum efekti v plodovitostta]. *Statistics (A journal of the Bulgarian National Statistical Institute)*, 4: 4–18.

## Working Papers

- Delavande, Adeline and Hans-Peter Kohler (2011). HIV/AIDS-related expectations and risky behavior in Malawi. Unpublished Manuscript, Nova School of Business and Population Studies Center, University of Pennsylvania, Philadelphia, PA. <http://docentes.fe.unl.pt/~adeline/paper/MortalityNotev18.pdf>.
- Kohler, Iliana V., Hans-Peter Kohler, Philip Anglewicz and Jere R. Behrman (2011). Intergenerational transfers in the era of hiv/aids: Evidence from rural Malawi. Population Studies Center, University of Pennsylvania, Working Paper #27 (2011-03). [http://repository.upenn.edu/psc\\_working\\_papers/27/](http://repository.upenn.edu/psc_working_papers/27/).
- Castro, Ruben, Jere R. Behrman and Hans-Peter Kohler (2010). Perception of HIV risk and the quantity and quality of children: The case of rural Malawi. University of Pennsylvania, Population Studies Center, PSC Working Paper No. 23 (2010-08). [http://repository.upenn.edu/psc\\_working\\_papers/23/](http://repository.upenn.edu/psc_working_papers/23/).

## Special Journal Issues:

Guest Editor, *Demographic Research*: Special Collection on “HIV/AIDS in sub-Saharan Africa” (with Jere Behrman, Susan Watkins and Simona Bignami) (2010).

Guest Editor, *Demographic Research*: Special Collection on “Demographic Aspects of HIV/AIDS in Rural Malawi” (with Jere Behrman, Susan Watkins and Eliya Zulu) (2003).

Guest Editor, *European Journal of Population*: Special Issue on “Lowest-low Fertility” (2001).

## Recent invited seminars

- 2010 Conference on “Whither the Child? The Causes, Consequences, & Responses to Low Fertility” (Social Trends Institute, Barcelona, Spain); Conference on “Integrating Genetics and the Social Sciences” (University of Colorado at Boulder); Conference on “Baby Makes Three: Social Scientific Research on Successfully Combining Marriage and Parenthood” (Princeton University); Conference on “Future with Children, Fertility, and the Development of Society—Theoretical Foundations for the Analysis of Fertility” (Lousanne); University of Minnesota (Minnesota Population Center).
- 2009 Bocconi University; Princeton University (Office of Population Research); United Nations Population Program (Expert Group Expert Group Meeting on Recent and Future Trends in Fertility).
- 2008 UCLA (California Center for Population Research); Ohio State University (Department of Sociology); University of Wisconsin (Center for Demography and Ecology); University of Pennsylvania (Center for AIDS Research); CUNY (Institute for Demographic Research).
- 2007 UC Berkeley (Department of Demography); University of Dortmund (Department of Statistics); Workshop on “Biodemography of Aging, Longevity, and Sociality” (Organizers: James Carey, Ronald Lee, Shripad Tuljapurkar, and Kenneth Wachter); Norwegian Academy of Science; Statistics Norway.
- 2006 Stanford University Workshop in Formal Demography.
- 2005 Vienna Institute for Demography; University of Chicago (Population Center); University of Washington (Department of Sociology); Duke University (Department of Sociology); University of North Carolina (California Population Center); Stanford University Workshop in Formal Demography; Workshop on “The Baby Bust: Who Will Do the Work? Who Will Pay the Taxes?” (Organizer: Fred Harris and Milton S. Eisenhower Foundation).
- 2004 Penn State University (Population Studies Center); University of Oklahoma (Department of Psychology); University of Michigan (Population Studies Center); Plenary lecture at the 2004 Meeting of the Human Behaviour and Evolution Society.

## Media Coverage and public presentations (selected)

(Note: Click on titles for online access)

*Time Magazine*, July 8, 2010: “The Only Child: Debunking the Myths”.

*New York Magazine*, July 4, 2010: “All Joy and No Fun: Why Parents Hate Parenting”.

*Washington Post*, August 10, 2009: “Highly developed nations see rise in fertility”.

*Science Daily*, August 6, 2009: “Challenging Conventional Wisdom: Advances In Development Reverse Fertility Declines”.

*New York Times*, *Dot Earth Blog*, August 6, 2009: “Fertility Rise for Richest - Boon or Trouble?”

*The Economist*, August 6, 2009: “A link between wealth and breeding: The best of all possible worlds?”.

*Bloomberg News*, August 5, 2009: “Babies Are In: Fertility Rates Increase in Developed Nations”.

*Nature Podcast*, August 5, 2009: “Burgeoning birth rates: In highly developed nations, birth rates are bucking the trend and are once again on the increase”.

*Nature*, Editor’s Summary, August 6, 2009: “Global population trends”.

*Nature*, 460(August 6, 2009), News and Views: “Babies Make a Comeback”.

- USA Today*, March 19, 2009: "2007 brings a record 4.31M babies; 40% of births among unmarried adult women".
- 60 Seconds Lecture*, University of Pennsylvania, September 24, 2008: "Children - the Pursuit of Happiness?". <http://www.youtube.com/watch?v=rMcwIyeMZ3w>.
- CQ Congressional Testimony*, September 18, 2008: "Role of Social Sciences in Public Health".
- UNAIDS 2008 Report on the Global AIDS Epidemic*, August 2008: "The role of concurrent partnerships in HIV epidemics".
- The Lancet*, August 8, 2008: "Know your epidemic, know your response: a useful approach, if we get it right".
- The Associated Press*, January 16, 2008: "More U.S. babies born, fertility rate up, defying low-birth trend in Europe".
- Wisconsin Public Radio*, July 22, 2008: Panel member to discuss fertility in the US on the Kathleen Dunn show. <http://www.wpr.org>.
- New York Times Magazine*, June 28, 2008 (cover story): "No Babies?".
- Herald Tribune*, June 28, 2008: "Are Europe's baby blues a crisis or an opportunity? Falling birthrates divide sociologists."
- University of Pennsylvania, School of Arts and Sciences, Report on the *State of the School, 2005–2007*: "Social Networks and the Spread of HIV".
- Allgäuer Zeitung*, October 11, 2007: "Ein Weltenbummler und begeisterter Forscher".
- Frankfurter Allgemeine Zeitung*, March 18, 2007: "Wenn der Staat mit ins Bett steigt; Die Regierung will Kinder. Da ist Herr Müntefering gefordert, nicht Frau von der Leyen".
- Arts & Sciences Magazine*, University of Pennsylvania, Winter 2006: "Formula for Happiness".
- CN 8 Television*, July 2006: Live interview on recent U.S. fertility trends.
- Frankfurter Allgemeine Sonntagszeitung*, February 26, 2006: "Auf immer kinderlos, die deutsche Extratour".
- SAS Frontiers*, University of Pennsylvania, 2006: "Formula for Happiness: A sociologist and an economist weigh the roles of partners and children in the happy life".
- Frankfurter Allgemeine Zeitung*, March 27, 2006: "Ein Begrüßungsgeld für Kinder wäre gut".
- Penn Current*, University of Pennsylvania, February 23, 2006: "One baby or two? Study looks at effect of having second child".
- The International Herald Tribune*, September 4, 2006: "Europe, East and West, wrestles with birthrate".
- CNN.com*, July 5, 2006: "U.S. about to have 300 million Americans".
- The Associated Press*, July 5, 2006: "As U.S. approaches 300 million people, Europe frets about shrinking".
- The Economist*, February 9, 2006: "The fertility bust".
- Hobart Mercury* (Australia), July 15, 2006: "Decline and fall".
- Der Spiegel*, January 17, 2005: "Elternglück mit Einzelkind."
- Psychology Today*, January 1, 2005: "Why one kid may be enough".
- Independent on Sunday* (London), March 20, 2005: "Daddy's Dearest".
- The Straits Times* (Singapore), August 31, 2003: "A swing vote for babies".
- Financial Times—Deutschland*, May 29, 2001: "Kinder haben, Karriere machen".
- The Straits Times* (Singapore), September 10, 2000, (Review Cover Story): "Ciao baby, maybe later".
- Schwerinerer Wissenschaftstage*, December 1–2, 2000: Plenary presentation on "Die Neue Demographie".

## Research Support

### Active support:

- P.I., University of Pennsylvania, Center for AIDS Research (CFAR) Developmental Award, *Mental Health, HIV and Aging in a Poor High-Risk Disease Environment*, 2011-12, direct costs approx. \$40,000.  
Goals: Investigate the mental health and cognitive function of elderly people in a high-risk high HIV-prevalence SSA context, and evaluate the feasibility of collecting more extensive data on mental health, depression and cognitive impairment as part of the Malawi Longitudinal Study of Families and Health (MLSFH).

- P.I. University of Pennsylvania, Institute on Aging, *Aging, Resource Networks and Mental Health in a Poor High-Risk Disease Environment*, 2011-12, direct costs approx. \$50,000.  
*Goals:* The project tests the hypothesis that the availability of and/or access to family resource networks, intergenerational/lateral transfers and social support can buffer the impacts on mental health of the HIV/AIDS epidemic and its associated social and economic shocks.
- P.I., University of Pennsylvania Population Studies Center, *2D:4D Ratio, Transfers and Aging in Rural Malawi*, 2010–11, direct costs approx \$ 20,000.  
*Goals:* Collect measures of second to fourth finger digit ratios (2D:4D) for respondents in the Malawi Longitudinal Study of Families and Health (MLSFH) Study, and investigate whether variation in investments in children and transfers from children to parents varies by digit ratio.
- P.I., NICHD T32-HD-007242, *Graduate Training in Demography*, 1987–2012.  
*Goals:* The principal aim of the demography pre-doctoral program is to train independent researchers who are prepared to play leading roles in formal demography, social demography, population analysis, and the study of the health of populations.
- Investigator, University of Pennsylvania Institute on Aging (P.I. Katherine Abbott), *Social Networks in Long-Term Care: Enhancing Existing Approaches to Measurement*, 2010–11, direct costs approximately \$50,000.
- Investigator, Francis E. Parker Memorial Home (P.I. Katherine Abbott), *Social Networks in Long-term Care: Pilot Testing Novel Approaches to Measurement*, 2010–11, direct cost approx. \$25,000.  
*Goals:* Develop new measures that facilitate the investigation of the social networks of adults in residential long-term care facilities, with a particular focus on the relationship between the nature and severity of impairments and social, support, and care networks.
- Co-P.I., NICHD R03 HD058976 (P.I. Adeline Delavande), *Subjective Expectations and Health-Related Behavior in Malawi*, 2009–2011, direct costs approx. \$100,000.  
*Goals:* Analyze, for the first time in a sub-Saharan context, newly-collected, large-scale and exceptionally detailed data on probabilistic subjective expectations in order to evaluate the interaction between subjective expectations and health-related decision-making in high morbidity and mortality contexts.
- P.I., NICHD R01 RHD053781, *Consequences of High Morbidity and Mortality in a Low Income Country*, 2007–2012, direct costs approx. \$2,000,000.  
*Goals:* Create the Malawi Longitudinal Study of Families and Health (MLSFH), which will provide a rare record of more than a decade of demographic, socioeconomic and health conditions in one of the world's poorest countries, and study the mechanisms through which poor rural individuals, families, households, and communities cope with the impacts of high morbidity and mortality.
- Consultant, NICHD R01 R01HD058366 (P.I. Jenny Trinitapoli), *Young Adult Families and AIDS Study*, 2008–2013.  
*Goals:* Create the Young Adult Families and AIDS Study (YAFAS) to collect and analyze new data on the reproductive goals and behaviors of young adults in Malawi, a high HIV prevalence country where the recent expansion of voluntary counseling and testing (VCT) is changing the context in which decisions about reproductive goals and how to achieve them are made.
- Investigator, U.K. Economic and Social Research Council/Hewlett Foundation (P.I. Marcos Vera-Hernandez), *Effects of Reproductive Health on Poverty in Malawi*, 2008–2010, direct costs approx. £300,000.  
*Goals:* To investigate the causal impact of reproductive health on poverty in Sub-Saharan Africa, using the highly policy-relevant context of Malawi, a country in which poverty and poor reproductive health are widespread.

### Past support:

- P.I., PARC/Boettner/NICHD Pilot Award Pilot Grant, University of Pennsylvania (Co-P.I. Beth Soldo), *Biomarkers in Malawi: Inflammation and CRP*, 2008–09, direct costs approx. \$100,000.  
*Goals:* To collect innovative and extensive biomarker data, for the first time using blood-plasma-based tests kits in a population-based sample of a rural sub-Saharan population, for about 1,000

individuals, and evaluate their overall health, well-being and co-morbidity using biomarker-based health indicators.

Faculty Sponsor, Penn Distinguished International Scholars Grant to support Francesco Billari's sabbatical visit to the University of Pennsylvania during 2008–09, direct costs approx. \$25,000.

P.I., NICHD R01 HD043417 (Co-P.I. Behrman), *Bio-Social Determinants of Fertility and Related Behaviors*, 2003–09, direct costs approx. \$800,000.

*Goals:* In the proposed project, we will use large-scale, population-based and longitudinal Danish twin data on fertility, fertility related behaviors and well-being to empirically investigate and theoretically conceptualize bio-social determinants of fertility and related behaviors. The data for these analyses will be partially collected in the course of the proposed project, but much of the project involves existing data already available in the Danish Twin Registry.

P.I., PARC/Boettner/NICHD Pilot Award Pilot Grant, University of Pennsylvania (Co-P.I. Stéphane Helderlenger), *An assessment of contact tracing as a strategy of HIV control in sub-Saharan Africa*, 2008–09, direct costs approx. \$30,000.

*Goals:* Evaluate the potential benefits and the feasibility of a contact tracing intervention to curtail the spread HIV/AIDS in sub-Saharan Africa by using innovative and usual data collected as part of the Likoma Network Study in Malawi.

P.I., PARC/Boettner/NICHD Pilot Award Pilot Grant, University of Pennsylvania, *A population-based study of the transmission and diversification of HIV-1 using molecular genetic and complete sexual network data*, 2007-08 (funding conditional on NIA approval), direct costs approx. \$40,000.

*Goals:* Create the first large-scale complete-sexual-network study with detailed phylogenetic data in sub-Saharan Africa by complementing the already funded second wave of a unique population-based survey of sexual networks on Likoma Island (Malawi) genetic sequencing of all identified HIV-1 cases in the study population.

P.I., University Research Foundation, University of Pennsylvania, *HIV Voluntary Counseling and Testing (VCT) in Mchinji District, Malawi: A Complete District Surveillance Study on Uptake and Attitudes*, 2006–07, direct costs approx. \$22,000.

*Goals:* Create a unique database in sub-Saharan Africa that combines high-quality population-based registration of VCT/ART clinic attendance, clinic-based and follow-up survey data, and social/spatial network data, and use these data to analyze the trends, determinants and equity of VCT uptake and ARV enrollment in resource-poor settings.

PI, Mellon Foundation, *HIV Voluntary Counseling and Testing (VCT) in Mchinji District, MALAWI: a complete district surveillance study on uptake and attitudes*, 2006–08, direct costs approx. \$30,000.

*Goals:* Expansion of the above URF-funded study. P.I., Supplement to NICHD R01 HD044228 *HIV/AIDS, VCT and the Dynamics of Sexual & Social Networks*, 2006–07, direct costs approx. \$100,000.

*Goals:* The overall goal of this supplement is to create the first longitudinal data on complete sexual and social networks in sub-Saharan Africa (SSA) that include biomarkers for HIV and rich socioeconomic information, and investigate the individual- and population-level structures and dynamics of sexual and social networks in a sub-Saharan African population with high HIV/AIDS prevalence.

P.I., NICHD R21 HD050652 *Incentives, Information and Sexual Relations in Malawi*, 2005–2007, direct costs approx. \$275,000.

*Goals:* Collect innovative data on expectations, randomized incentive payments and sexual behaviors, and analyze the response of sexual relations, household dynamics, and information-seeking to randomized direct monetary incentives for participating in voluntary counseling and treatment (VCT) and for maintaining a HIV negative status.

P.I., NICHD R01 HD044228 (Co-P.I. Behrman and Watkins), *AIDS/HIV Risk, Marriage and Sexual Relations in Malawi*, 2003–07, direct costs approx. \$850,000.

*Goals:* Complement an existing stratified random longitudinal social science and biomarker data collection of married women aged 15 to 49 in 1998 and their husbands on HIV/AIDS, social interactions and prevention strategies in rural Malawi, analyze adaptation in relationship patterns in response to variation in risk environment over time and regions, and investigate joint household

decisions on AIDS relevant behaviors such as condom use.

Consultant, NICHD R01 HD048715 (P.I. David Kertzer, Brown University), *Explaining very low fertility*, 2004–2007.

*Goals:* Examine one of the most extreme instances of contemporary fertility decline, the case of Italy, by employing an innovative approach bringing together anthropologists, sociologists, and demographers.

P.I., PARC/Boettner/NICHD Pilot Award Pilot Grant, University of Pennsylvania, *HIV/AIDS and Complete Sexual and Social Networks in Rural Malawi*, 2005–2006, direct costs approx. \$30,000.

*Goals:* Collect complete sexual and social network data in selected rural Malawi villages for male and female young adults, and analyze the relationship between the position in sexual and social networks and reported HIV risk infection, AIDS prevention strategies, sexual and marital histories and respondent's socioeconomic status.

Co-investigator NICHD R01 HD046144 (P.I. Behrman) *Causal Effects of Schooling on Adult and Child Health*, 2003–06, direct costs approx. \$600,000.

*Goals:* To analyze five data sets from different birth cohorts of identical twins in three different countries (China, Denmark, United States) to investigate how the estimated effects of schooling on adult and child health differ with *twins method* control for endowments.

Co-investigator, NICHD R01HD/MH41713 (Co-P.I. Watkins and Behrman), *Gender, Conversational Networks and Dealing with STDs*, 2001–2006.

*Goals:* Collect several rounds of quantitative and qualitative data in rural Malawi and investigate the role of informal social networks and gender differences in spreading information about and coping with STDs.

Consultant, NSF 0418443 (P.I. David Kertzer, Brown University), *Explaining very low fertility*, 2004–2005.

*Goals:* Employ innovative multidisciplinary methodology and cutting-edge theory to seek a better explanation for very low fertility by focusing on Italy.

P.I., University Research Foundation, University of Pennsylvania *Information, Incentives and HIV/AIDS Prevention*, 2004–2005, direct costs approx. \$20,000.

*Goals:* Support the implementation of a randomized VCT experiment in rural Malawi.

P.I., Population Aging Research Center (PARC) P30-AG-12836 (Co-P.I. Jere Behrman) *Adding Social Security and Medicare Data to the NRC/NAS Twin Registry*, 2003–2004, direct costs approx. \$100,000.

*Goals:* The principle goal of the project is to link the NRC/NAS Twin Registry, including approximately 11,700 individuals in MZ and 15,016 individuals in DZ twin pairs, with the Social Security Administration (SSA) and Medicare Records available through the Center for Medicare Services (CMS).

P.I., School of Arts and Sciences, University of Pennsylvania SAS Instructional Technology Grant *SAS Instructional Technology Grant for Sociology 530 Demographic Behavior, Population & Social Change*, 2003–2003.

Co-investigator, PARC Pilot Project Fund (P.I. Iliana Kohler), *Selection Processes and Ethnic/Socioeconomic Differences in Mortality and Morbidity*, 2002–03.

*Goals:* Develop methods to control for selection and unobserved heterogeneity in analyses of mortality and morbidity differences using twins data.

Co-investigator, PARC Pilot Project Fund (P.I. Iliana Kohler), *Health Disparities in the Older Population of the US and Mexico*, 2003–2004.

*Goals:* The principle aim is to investigate health disparities among the elderly and old population by socioeconomic status, race, and ethnicity in the United States and Mexico, and to propose potential explanations for the differential increase of the mortality and morbidity trajectories observed between various population groups.

Consultant, NICHD R01 HD37276 (Co-P.I. Jere Behrman) *Social Interactions and Reproductive Health*, 1999–2003.

*Goals:* Collect round of Kenyan data that adds to previously existing longitudinal data base to create a panel over seven years for about 800 households. Analyze impact of social networks on family

planning and copying with AIDS exploiting longitudinal features of the data.

P.I., European Science Foundation EURESCO funding for two conferences on the Second Demographic Transition in 2001 and 2003.

P.I., German American Council, TransCoop Program (Co-P.I. Behrman and Watkins) *The Effect of Social Interaction on the Adoption of Modern Family Planning and AIDS Prevention Measures in Kenya and Malawi*, 1999–2002.

### Fellowships:

SRC-MacArthur Foundation: Fellowship for Peace and Security in a Changing World, 9/1995–8/1997.

Deutscher Akademischer Austauschdienst (German Academic Exchange Service): Fellowship for studies at University of California at Berkeley, 8/1992–6/1993.

Bayrische Hochbegabtenförderung (Bavarian fellowship for highly talented students), 10/1987–10/1991.

German National Member Organization of IIASA: Stipend, 6/1995–9/1995

Germanistic Society of America: Fellowship, 8/1993–6/1994.

Carl Duisberg Gesellschaft (CDG): Stipends for internships in Japan (10/1990–3/1991) and USA (1/1987–6/1987).

### Teaching

Year	Course
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#### University of Pennsylvania

2010	Soc/Demog 796: <i>Demographic, Economic and Social Interrelations</i> (graduate level) Soc/Demog 634: <i>Population Processes II</i> (graduate level; co-taught with Emilio Parrado)
2009	Demog 708: <i>Seminar in Demographic Research</i> (graduate level)
2008	Soc/Demog 634: <i>Population Processes II: Fertility and the Family</i> (graduate level) Soc/Demog 796: <i>Demographic, Economic and Social Interrelations</i> (graduate level)
2006	Soc/Demog 796: <i>Demographic, Economic and Social Interrelations</i> (graduate level) Soc/Demog 634: <i>Population Processes II: Fertility and the Family</i> (graduate level)
2005	Soc007: <i>Population and Society</i> (undergraduate level) Soc/Demog 796: <i>Demographic, Economic and Social Interrelations</i> (graduate level)
2004	Soc007: <i>Population and Society</i> (undergraduate level) Soc 535: <i>Quantitative Methods in Sociology I</i>
2003	Soc 530: <i>Demographic Behavior, Population and Social Change</i> (undergraduate level) Soc/Demog 796: <i>Demographic, Economic and Social Interrelations</i> (graduate level)

#### University of California at Berkeley

2002	Demog 210: <i>Demographic Methods: Rates and Structures</i> (graduate level) Demog 110: <i>Demographic Methods: Introduction to Population Analysis</i> (undergraduate level)
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### Other courses:

Biodemography of fertility and Models of fertility, Stanford Workshop in Formal Demography (Summer 2005 and Summer 2006).

MP 222: Contemporary Fertility - Theory and Methods (graduate level), International Max Planck Research School for Demography, winter semester 2001/02 (with J. A. Ortega).

MP 340: Topics in Economic Demography I: Microeconomic Approaches to Demographic Behavior (graduate level), International Max Planck Research School for Demography, winter semester 2000/01.

## Dissertation Supervision

### Dissertation chair:

- Marissa Wheeler (Ph.D., 2011, University of Pennsylvania). Dissertation Title: *Three Essays on Low and Late Fertility*.
- Ruben Castro (Ph.D. with distinction, 2011, University of Pennsylvania). Dissertation Title: *Three essays on mortality and fertility*.
- Whitney Schott (Ph.D., 2011, University of Pennsylvania). Dissertation Title: *Labor Force Participation of Women with Children*.
- Monica Grant (Ph.D., 2009, University of Pennsylvania). Dissertation Title: *Education, HIV Risk Perceptions, and Adolescent Sexual Behavior in Rural Malawi*.
- Philip Anglewicz (Ph.D. with distinction, 2007, University of Pennsylvania). Dissertation Title: *Migration, HIV Infection, and Risk Perception in Malawi*.
- Stéphane HELLERINGER (Ph.D. with distinction, 2007, University of Pennsylvania). Dissertation Title: *Sexual Network Structure, Diffusion and prevention of HIV Within Populations: A Case Study Using Complete Network Data in Likoma Island*.

### Dissertation committee member:

- Maria Cecilia Calderon (Ph.D., 2009, University of Pennsylvania). Dissertation Title: *Gender Inequalities, Human Capital and Development in Guatemala*.
- Brooke Amanda Levandowski (Ph.D., 2008, University of North Carolina, Chapel Hill). Dissertation Title: *Association of STI/HIV Infection with Reported Behavior Change and Concurrency Among Rural Youth in South Africa and Malawi*.
- Erica Soler-Hampejsek (Ph.D., 2008, University of Pennsylvania). Dissertation Title: *Schooling, Gender, and Marriage in Guatemala*.
- Francis Obare (Ph.D., 2007, University of Pennsylvania). Dissertation Title: *Response to Population-based Voluntary Counseling and for HIV in Rural Malawi*.
- George Reniers (Ph.D, 2006, University of Pennsylvania). Dissertation Title: *HIV/AIDS Surveillance and Behavioral Change in Populations Affected by the AIDS Epidemic*.
- Robert Mswia (Ph.D., 2006, University of Pennsylvania). Dissertation Title: *Mortality in the Era of HIV/AIDS in Tanzania*.
- Sarah Hayford (Ph.D., 2005, University of Pennsylvania). Dissertation Title: *Fertility and Marriage in an Era of Family Change*.
- Sheela Kennedy (Ph.D., 2005, University of Pennsylvania). Dissertation Title: *Education and Family Change: A Comparative Study of Shifts in the Timing and Structure of Family Formation*.
- Fernando Riosmena (Ph.D, 2005, University of Pennsylvania). Dissertation Title: *Within, Between, and Beyond Space-Time: Three Essays on Latin America–US Migratory Dynamics*.
- Sarah Winslow-Bowe (Ph.D, 2005, University of Pennsylvania). Dissertation Title: *Husbands' and Wives' Relative Income: An Analysis of Persistence and Variation*.
- Solène Lardoux (Ph.D., 2004, University of Pennsylvania). Dissertation Title: *Polygyny, First Marriage and Fertility in Senegal and Mali*.
- Hongyu Wang (Ph.D., 2004, University of Pennsylvania). Dissertation Title: *The performance of multiple imputation for missing data in the context of Cox regression model*.
- Kevin Thomas (Ph.D., 2004, University of Pennsylvania). Dissertation Title: *The Demography of Migrant Populations in South Africa*.
- Laura Bernardi (Ph.D., 2002, Università degli Studi di Roma La Sapienza). Dissertation Title: *Personal Relationships and Reproductive Choices: Evidence from a Low Fertility Context*.
- Karsten Hank (Ph.D., 2001, University of Rostock). Dissertation Title: *Regional Social Contexts and Fertility in Western Germany: A Multilevel Approach*.

## Professional Activities and Departmental Service

### Departmental service and university service, University of Pennsylvania:

Chair, Graduate Group of Demography: 2008–

Member, Executive Committee, Department of Sociology: 2011-12

Member, Personnel Committee, School of Arts and Sciences: 2008–11

Member, Hearing Board for the Student Disciplinary System, University of Pennsylvania: 2009–11

Member, Hearing Board for the Code of Academic Integrity, University of Pennsylvania: 2009–11

Member, Fulbright Selection Committee, Ctr for Undergraduate Research University of Pennsylvania, 2010/11

Mentor, The Leadership Alliance Summer Mentoring Program, University of Pennsylvania: Summer 2011

Member, Executive Committee, Population Studies Center: 2008–

Member, Personnel Committee, Department of Sociology: 2008/09; Spring 2011

Chair, Admissions Committee, Graduate Group of Demography: 2008/09, 2010/11

Member, Admissions Committee, Graduate Group of Demography: 2002/03, 2003/04, 2004/05, 2005/07, 2007/08, 2009/10

Chair, Master's examination committee, Graduate Group of Demography: 2003/04, 2007/08

Member, Master's examination committee, Graduate Group of Demography: 2009/10, 2010/11

Chair, Ph.D. Examination Committee, Graduate Group of Demography: 2007/08

Member, Ph.D. Examination Committee, Graduate Group of Demography: 2002/03, 2004/05, 2006/07

Member, Admissions Committee, Department of Sociology: 2003/04, 2008/09, 2009/10, 2010/11

Member, Demography Search Committee: 2006/07

Chair, Junior Search Committee, Department of Sociology: 2004/05

Member, Graduate Committee, Department of Sociology: 2003/04, 2008– (ex officio as GGD chair)

Chair, Computing Committee, Department of Sociology: 2003/04

Organizer, Population Studies Center Colloquium Series: 2005/06

### Review:

Reviewer for *American Economic Review*, *American Journal of Economics*, *American Journal of Sociology*, *Demographic Research*, *Demography*, *European Journal of Population*, *Journal of Development Economics*, *Journal of Economic Growth*, *Journal of Mathematical Sociology*, *Journal of Population Economics*, *MIT Press*, *Population Research and Policy Review*, *Population Studies*, *Population and Development Review*, *Social Forces*, *Social Science and Medicine*, *Springer Verlag*, *Studies in Family Planning*, *U.S. National Institute of Health*, *U.S. National Science Foundation*, *Wellcome Trust*, and several other journals and organizations

### Other professional activities:

Organizer of session on Low Fertility, 2007 Annual Meetings of the Population Association of America.

Organizer of sessions on Fertility, 2006 Annual Meetings of the European Society for Population Studies.

Chair and Organizer of an EURESCO conference series on the *Second Demographic Transition* (2001, 2003, with Aart Liefbroer).

Initiator and Organizer of MPIDR workshops on *Lowest Low Fertility* (1998, 1999), *Social Interactions and Demographic Behavior* (1999), *Nonlinear Demography* (2000, with Alexia FÃijrnkranz-Prskawetz), *Biodemography of Fertility* (2000, with Joseph L. Rodgers), and *Lowest-Low Fertility in Southern Europe* (with Francesco Billari).

Co-Organizer of University of Pennsylvania conferences on *Panel research on HIV/AIDS and other sexually transmitted infections in sub-Saharan Africa* (2006) and *Demographic Aspects of HIV/AIDS in Rural Malawi* (2002).