

**CURRICULUM VITAE OF
BARBARA ENTWISLE**

ADDRESS

Department of Sociology
University of North Carolina
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CURRENT POSITIONS – UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Kenan Distinguished Professor, Department of Sociology, 2007-date.
Carolina Population Center Training Director, 2002-2010, 2017-date.
Adjunct Professor of Geography, 2002-date.
Affiliate Faculty, Environment, Energy, and Ecology Program, 2003-date.
Affiliate Faculty, International Studies, 2009-date.
Affiliate Faculty, Asian Studies, 2009-date.
Fellow, Carolina Population Center, 1985-date.

PREVIOUS EMPLOYMENT

2011-2016	Vice Chancellor for Research, University of North Carolina at Chapel Hill
2010-2011	Interim Vice Chancellor for Research and Economic Development, University of North Carolina at Chapel Hill, NC
2002-2010	Director, Carolina Population Center, University of North Carolina, Chapel Hill, NC
1994-2007	Professor of Sociology, University of North Carolina, Chapel Hill, NC.
1989-1994	Associate Professor of Sociology, University of North Carolina, Chapel Hill, NC.
1985-1989	Assistant Professor of Sociology, University of North Carolina, Chapel Hill, NC.
1982-1985	Assistant Professor of Sociology, Dartmouth College, Hanover, NH.
1980-1982	Research Associate of the Population Studies Center, University of Michigan, Ann Arbor, MI.

EDUCATION

1979-1980	Postdoctoral Fellow in Economic Demography, University of Michigan, Ann Arbor, MI.
1980	Ph.D. in Sociology, Brown University, Providence, RI.
1978	A.M. in Sociology, Brown University, Providence, RI.
1975	A.B. with distinction in Sociology-Anthropology, Swarthmore College, Swarthmore, PA.

HONORS AND AWARDS

SCHOLARSHIP AND RESEARCH

Kenan Leave, University of North Carolina-Chapel Hill, 2017.
Golden Goose Award, American Association for the Advancement of Science (AAAS), 2016
President (elected), Sociological Research Association, 2015.
Population Association of America Honored Colleague, 2013.
Mary Lily Kenan Flagler Bingham Distinguished Professorship, 2007-
President (elected), Population Association of America, 2007.
Fellow (elected), American Association for the Advancement of Science (AAAS), 2003.
Kenan Leave, University of North Carolina-Chapel Hill, 2001.
Edward M. Bernstein Professorship, 1994-1997.
Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford, CA, 1993-1994.
Philip and Ruth Hettleman Prize for Artistic and Scholarly Achievement by Young Faculty, 1989.
Andrew W. Mellon Foundation Young Scientist Award, 1980-1982.
National Institute of Health National Research Service Postdoctoral Award, 1979-1980.
National Science Foundation Graduate Fellowship, 1976-1979.
University Fellowship, Brown University, 1975-1976.
Phi Beta Kappa, 1975.

TEACHING AND MENTORING

Sociology Graduate Students Association Excellence in Teaching Award, 2018-2019.
UNC Outstanding Postdoc Mentor Award, 2018.
Sociology Graduate Students Association Excellence in Mentoring Award, 2007-2008.
NICHD Mentor Award for Excellence in Research Training, 2004.
UNC Distinguished Teaching Award for Post-Baccalaureate Instruction, 2002-2003.
Sociology Graduate Students Association Excellence in Mentoring Award, 2000-2001.
Sociology Graduate Students Association Excellence in Mentoring Award, 1998-1999.
Sociology Graduate Students Association Teaching Award, 1989-1990.
Sociology Graduate Students Association Teaching Award, 1987-1988.

PUBLICATIONS

Hofferth, Sandra, Emilio F. Moran, **Barbara Entwisle**, J. Lawrence Aber, Henry Brady, Dalton Conley, Susan Cutter, Catherine Eckel, Darrick Hamilton, and Klaus Hubacek. 2017. "Introduction: History and Motivation." *New Developments in Data Collection: Linking Data Across Levels. Annals of the American Academy of Political and Social Science* 669 (1): 6-17.

Entwisle, Barbara, Sandra Hofferth, and Emilio F. Moran. 2017. "Quilting a Time-Place Mosaic: Concluding Remarks." *New Developments in Data Collection: Linking Data Across Levels. Annals of the American Academy of Political and Social Science* 669 (1): 190-198.

Riley, Anne, Ezekiel Dixon-Roman, **Barbara Entwisle**, Ruth Etzel, Ann Masten, Kerry Anne McGeary, and Hirokazu Yosikawa. 2016. "Why the United States Needs a National Birth Cohort

Study.” *Perspectives Series*, National Academy of Medicine, Washington, DC. <http://nam.edu/wp-content/uploads/2016/05/Why-the-United-States-Needs-a-National-Birth-Cohort-Study.pdf>

Duncan, Greg, Virginia Lesser, **Barbara Entwisle**, Graham Kalton, Andy Shih, Elaine Faustman, Rosalind Wright, Kerry Anne McGeary, Richard Gershon, Steven Wismuller, Shelley Merritt, and Charlee Alexander. 2016. “Methods for a National Birth Cohort Study.” *Perspectives Series*. National Academy of Medicine, Washington, DC. <http://nam.edu/wp-content/uploads/2016/05/Methods-for-a-National-Birth-Cohort-Study.pdf>.

Entwisle, Barbara, Nathalie E. Williams,* Ashton M. Verdery,* Ronald R. Rindfuss, Stephen J. Walsh, George P. Malanson, Peter J. Mucha, Brian G. Frizzelle, Philip M. McDaniel, Xiaozheng Yao, Benjamin W. Heumann,* Pramote Prasartkul, Yothin Sawangdee, Aree Jampaklay. 2016. “Climate Shocks and Migration: An Agent Based Modeling Approach.” *Population and Environment* 38: 46-71.

Baker, Dean, Carol Sweeney, Christina Park, Lacey McCormack, Maureen Durkin, Dana Dabelea, Ruth Brenner and **Barbara Entwisle**. 2014. “Recruitment of Women in The National Children’s Study Initial Vanguard Study.” *American Journal of Epidemiology* 179(11): 1366-74. PMID: PMC4036215

Malanson, George P., Ashton M. Verdery, Stephen J. Walsh, Yothin Sawangdee, Benjamin W. Heumann, Philip M. McDaniel, Brian G. Frizzelle, Nathalie E. Williams, Xiaozheng Yao, **Barbara Entwisle** & Ronald R. Rindfuss. (2014). Changing Crops in Response to Climate: Virtual Nang Rong, Thailand in an Agent Based Simulation. *Applied Geography*, 53, 202-12. PMID: PMC4105306

Jampaklay, Aree, **Barbara Entwisle**, and Jacqueline M. Hagan. 2013. “Cross-border Migration and Poverty: Evidence from Kanchanaburi Demographic Surveillance System (KDSS), Thailand.” *Journal of Population and Social Studies* 21(2) Supplement: S28-S48.

Walsh, Stephen J., George P. Malanson, **Barbara Entwisle**, Ronald R. Rindfuss, Peter J. Mucha, Benjamin W. Heumann, Philip M. McDaniel, Brian G. Frizelle, Ashton M. Verdery, Nathalie E. Williams, Xiaozheng Yao, and Deng Ding. 2013. “Design of an Agent-Based Model to Examine Population-Environment Interactions in Nang Rong District, Thailand.” *Applied Geography* 39:183-198. PMID: PMC3838637

Bracken, Michael B., Dean Baker; Jane A. Cauley; Christina Chambers; Jennifer Culhane; Dana Dabelea; Dorr Dearborn; Carolyn D. Drews-Botsch; Donald J. Dudley; Maureen Durkin; **Barbara Entwisle**; Louise Flick; Daniel Hale; Jane Holl; Melbourne Hovell; Mark Hudak; Nigel Paneth; Bonny Specker; Mari Wilhelm; Sharon Wyatt. 2013. “New Models for Large Prospective Studies: Is There a Risk of Throwing Out the Baby With the Bathwater?” *American Journal of Epidemiology* 177(4):285-289. doi: 10.1093/aje/kws408

Rindfuss, Ronald R., Martin Piotrowski,* **Barbara Entwisle**, Jeffery Edmeades,* Katherine Faust. 2012. “Migrant Remittances and the Web of Family Obligations: Ongoing Support among Spatially-Extended Kin” *Population Studies*. 66(1):87-104. PMID: PMC3886554

Verdery, Ashton,* **Barbara Entwisle**, Katherine Faust, and Ronald R. Rindfuss. 2012. "Social and Spatial Networks: Kinship Distance and Dwelling Unit Proximity in Rural Thailand." *Social Networks* 34:112-127. PMID: PMC3743555.

Walter, Emmanuel, Nancy Dole, Anna Maria Siega-Riz, **Barbara Entwisle**. 2011. "The National Children's Study in North Carolina: A Study of the Effect of the Environment on Children's Health, Growth and Development." *North Carolina Medical Journal* 72(2):160-164. PMID: PMC3620031.

Tang, Wenwu*, George P. Malanson, and **Barbara Entwisle**. 2009. "Simulated Village Locations in Thailand: A Multi-scale Model Including a Neural Network Approach." *Landscape Ecology* 24: 557-575. PMID: PMC3051414.

Entwisle, Barbara. 2009. "Local Perspectives on Global Climate Change: Modeling Neighborhood Dynamics." Pp. 76-78 in Joane Nagel, Thomas Dietz and Jeffrey Broadbent (eds), *Sociological Perspectives on Global Climate Change*. Washington, DC: National Science Foundation.

Entwisle, Barbara, Jeffrey Edmeades,* George Malanson, Chai Podhisita, Pramote Prasartkul, Ronald R. Rindfuss, and Stephen J. Walsh. 2008. "Village Settlement, Deforestation, and the Expansion of Agriculture in a Frontier Region: Nang Rong, Thailand." Pp. 165-179 in Andrew Millington and Wendy Jepson (eds.), *Land-Change Science in the Tropics: Changing Agricultural Landscapes*. New York, NY: Springer.

Entwisle, Barbara, George Malanson, Ronald R. Rindfuss, and Stephen J. Walsh. 2008. "An Agent-Based Model of Household Dynamics and Land Use Change." *Journal of Land Use Science* 3(1):73-93.

Rindfuss, Ronald R., **Barbara Entwisle**, Stephen J. Walsh, Li An, Nathan Badenoch, Daniel G. Brown, et al. 2008. "Land Use Change: Complexity and Comparisons." *Journal of Land Use Science* 3(1), 1-10. PMID: PMC2846795.

Parker, Dawn C., **Barbara Entwisle**, Ronald R. Rindfuss, Leah K. VanWey, Steven M. Manson, Emilio F. Moran, et al. 2008. "Case Studies, Cross-Site Comparisons, and the Challenge of Generalization: Comparing Agent-Based Models of Land-Use Change in Frontier Regions." *Journal of Land Use Science* 3(1):41-72. PMID:PMC2786205.

Entwisle, Barbara, Ronald R. Rindfuss, Stephen J. Walsh, and Philip H. Page. 2008. "Population Growth and Its Spatial Distribution as Factors in the Deforestation of Nang Rong, Thailand." *GeoForum* 39:879-897.

Shao, Yang*, Stephen J. Walsh, **Barbara Entwisle**, and Ronald R. Rindfuss 2008. "Spatial Clustering and Urban Settings of Rural Migrants in Bangkok, Thailand." *GeoCarto International*. 23(1):35-52.

Entwisle, Barbara. 2007. "Putting People Into Place." *Demography* 44(4):687-703.

Jampaklay, Aree,* Kim Korinek* and **Barbara Entwisle**. 2007. "Residential Clustering Among Nang Rong Migrants in Urban Settings of Thailand." *Asian and Pacific Migration Journal* 16(4):485-510.

Rindfuss, Ronald R., **Barbara Entwisle**, Stephen J. Walsh, Carlos, F. Mena,* Christine M. Erlien,* and Clark L. Gray*. 2007. "Frontier Land Use Change: Synthesis, Challenges, and Next Steps." *Annals of the Association of American Geographers* 97: 739-754.

Entwisle, Barbara, Katherine Faust, Ronald R. Rindfuss, and Toshiko Kaneda.* 2007. "Networks and Contexts: Variation in the Structure of Social Ties." *American Journal of Sociology* 112(5): 1495-1533.

Mouw, Ted and **Barbara Entwisle**. 2006. "Residential Segregation and Interracial Friendship in Schools." *American Journal of Sociology* 112(2): 394-441.

Korinek, Kim,* Feinian Chen,* Soumya Alva,* and **Barbara Entwisle**. 2006. "Household Economic Transformation and Recent Fertility in Emerging Market Economies: China and Vietnam Compared." *Journal of Comparative Family Studies*. 37(2):191-234.

Walsh, Stephen J., **Barbara Entwisle**, Ronald R. Rindfuss, and Philip H. Page. 2006. "Spatial Simulation Modeling of Land Use/Land Cover Change Scenarios in Northeastern Thailand: A Cellular Automata Approach." *Journal of Land Use Science* 1(1):5-28.

Entwisle, Barbara, Stephen J. Walsh, Ronald R. Rindfuss, and Leah K. VanWey.* 2005. "Population and Upland Crop Production in Nang Rong, Thailand." *Population and Environment*. 26(6):449-470.

Korinek, Kim,* **Barbara Entwisle**, and Aree Jampaklay.* 2005. "Through Thick and Thin: Layers of Social Ties and Urban Settlement among Thai Migrants." *American Sociological Review* 70 (5):779-800.

VanWey, Leah K.,* Ronald R. Rindfuss, Myron P. Gutmann, **Barbara Entwisle**, and Deborah Balk. 2005. "Confidentiality and Spatially Explicit Data: Concerns and Challenges." *Proceedings of the National Academy of Sciences* 102(43):15337-15342.

Entwisle, Barbara and Paul C. Stern (eds). 2005. *Population, Land Use, and Environment: Research Directions*. Washington, DC: National Academy Press.

Walsh, Stephen J., Ronald R. Rindfuss, Pramote Prasartkul, **Barbara Entwisle**, Aphichat Chamratrithirong. 2005. "Population Change and Landscape Dynamics: Nang Rong Studies." Pp. 135-162 in **Barbara Entwisle** and Paul C. Stern (eds.), *Population, Land Use, and Environment: Research Directions*. Washington, DC: National Academy Press.

Intachat, Nantawan, Yothin Sawangdee, **Barbara Entwisle**, and Chai Podhisita. 2005. "Cause of Death in Thailand: Gender Differential Perspective." *Journal of Population and Social Studies* 13(2): 47-69.

Rindfuss, Ronald R., Stephen J. Walsh, B.L. Turner II, Emilio F. Moran, and **Barbara Entwisle**. 2004. "Linking Pixels and People." Pp. 379-394 in Garik Gutman, Tony Janetos, Chris Justice, Emilio Moran, John Mustard, Ronald R. Rindfuss, David Skole, and Billie Turner (eds.), *Land Change Science: Observing, Monitoring and Understanding Trajectories of Change on the Earth's Surface*. Boston: Kluwer Academic Publishers.

Rindfuss, Ronald R., B.L.Turner II, **Barbara Entwisle**, and Stephen J. Walsh. 2004. "Land Cover/Use and Population." Pp. 351-366 in Garik Gutman, Tony Janetos, Chris Justice, Emilio Moran, John Mustard, Ronald R. Rindfuss, David Skole, and Billie Turner (eds.), *Land Change Science: Observing, Monitoring and Understanding Trajectories of Change on the Earth's Surface*. Boston: Kluwer Academic Publishers.

Rindfuss, Ronald R., Aree Jampaklay,* **Barbara Entwisle**, Yothin Sawangdee,* Katherine Faust and Pramote Prasartkul. 2004. "The Collection and Analysis of Social Network Data in Nang Rong, Thailand." Pp 175-200 in Martina Morris (ed.), *Network Epidemiology - A Handbook for Survey Design and Data Collection*. Oxford University Press.

Leahey, Erin,* **Barbara Entwisle** and Peter Einaudi.* 2003. "Diversity in Everyday Research Practice: The Case of Data Editing." *Sociological Methods and Research*. 32 (1):64-89.

Walsh, Stephen J., Ronald R. Rindfuss, **Barbara Entwisle**, Y. Shao,* D.J. Weiss, Philip M. McDaniel and Randy E. Pullen. 2003. "Characterizing Land Use/ Land Cover Change in Northeast Thailand and Analyzing the Causes and Consequences of Landscape Dynamics." Proceedings, 30th International Symposium on Remote Sensing of Environment. Honolulu, Hawaii. 6p (CD-ROM).

Rindfuss, Ronald R., Pramote Prasartkul, Stephen J. Walsh, **Barbara Entwisle**, Yothin Sawangdee,* John B. Vogler. 2003. "Household-Parcel Linkages in Nang Rong, Thailand: Challenges of Large Samples." Pp. 131-172 in Jefferson Fox, Ronald R. Rindfuss, Stephen J. Walsh and Vinod Mishra (eds.), *People and the Environment: Approaches for Linking Household and Community Surveys to Remote Sensing and GIS*. Boston, MA: Kluwer Academic Publishers.

Alva, Soumya and **Barbara Entwisle**. 2002 "Employment Transitions in an Era of Change in Thailand" *Southeast Asian Studies*. 40(3): 303-326

Short, Susan E.* , Feinian Chen,* **Barbara Entwisle**, and Zhai Fengying. 2002. "Maternal Work and Childcare in China: A Multi-method Analysis." *Population and Development Review* 28: 31-57.

Entwisle, Barbara and Feinian Chen.* 2002. "Work Patterns Following a Birth in Urban and Rural China: A Longitudinal Study." *European Journal of Population*. 18:99-119.

Rindfuss, Ronald R., **Barbara Entwisle**, Stephen J. Walsh, Pramote Prasartkul, Yothin Sawangdee*, Thomas W. Crawford,* and Julia Reade.* 2002. "Continuous and Discrete: Where They Have Met in Nang Rong, Thailand." Pp. 7-37 in Stephen J. Walsh and Kelley A. Crews-Meyer (eds.), *Linking People, Place and Policy: A GIScience Approach*. Boston, MA: Kluwer Academic Publishers.

Walsh, Stephen J., Kelly A. Crews-Meyer,* Thomas W. Crawford,* William F. Welsh,* **Barbara Entwisle**, and Ronald R. Rindfuss. 2001. "Patterns of Change in Land Use, Land Cover, and Plant Biomass: Separating intra- and inter-annual signals in monsoon-driven northeast Thailand." Pp. 91-108 in Stephen J. Walsh and Patrick E. Osborne (eds.), *GIS and Remote Sensing Applications in Biogeography and Ecology*. Boston: Kluwer Academic Publishers.

Chen, Feinian,* Susan E. Short,* and **Barbara Entwisle**. 2000. "The Impact of Grandparental Proximity on Maternal Childcare in China." *Population Research and Policy Review* 19: 571-590.

Entwisle, Barbara and Gail E. Henderson (eds.) 2000. *Re-Drawing Boundaries: Work, Household, and Gender in China*. Berkeley, CA: University of California Press.

Entwisle, Barbara, Susan E. Short,* Zhai Fengying, and Ma Lin Mao. 2000. "Household Economies in Transitional Times." In Barbara Entwisle and Gail E. Henderson (eds.), *Re-Drawing Boundaries: Work, Household, and Gender in China*. Berkeley: University of California Press.

Henderson, Gail E., **Barbara Entwisle**, Li Ying, Yang Mingliang, Xu Siyvan, and Zhai Fengying. 2000. "Re-Drawing the Boundaries of Work: Views on the Meaning of *Gongzuo*." In **Barbara Entwisle** and Gail E. Henderson (eds.) *Re-Drawing Boundaries: Work, Household, and Gender in China*. Berkeley: University of California Press.

Faust, Katherine, **Barbara Entwisle**, Ronald R. Rindfuss and Yothin Sawangdee.* 1999. "Spatial Arrangement of Social and Economic Networks Among Villages in Nang Rong District, Thailand." *Social Networks* 21: 311-337.

Walsh, Stephen J., Tom P. Evans,* William F. Welsh,* **Barbara Entwisle**, and Ronald R. Rindfuss. 1999. "Scale Dependent Relationships between Population and Environment in Northeast Thailand." *Photogrammetric Engineering and Remote Sensing* 65: 97-105.
First Place Winner of the 2000 ERDAS Award for the Best Scientific Paper in Remote Sensing.

Entwisle, Barbara. 1999. "The Contexts of Social Research." Pp. 153-160 in Nancy M.P. King, Gail E. Henderson and Jane Stein (eds.), *Reexamining Research Ethics: From Regulations to Relationships*. Chapel Hill, NC: University of North Carolina Press.

Walsh, Stephen J., **Barbara Entwisle**, and Ronald R. Rindfuss. 1999. "Landscape Characterization through Remote Sensing, GIS, and Population Surveys." Pp. 251-265 in S. Morain (ed.), *GIS Solutions in Natural Resource Management: Balancing the Technical-Political Equation*. Santa Fe: OnWord Press.

Entwisle, Barbara, Stephen J. Walsh, Ronald R. Rindfuss, and Aphichat Chamrathirong. 1998. "Landuse/Landcover (LULC) and Population Dynamics, Nang Rong, Thailand. Pp. 121-144 in Diana Liverman, Emilio F. Moran, Ronald R. Rindfuss, and Paul C. Stern (eds.), *People and Pixels: Using Remotely Sensed Data in Social Science Research*. Washington, DC: National Academy Press.

Walsh, Stephen J., Thomas P. Evans,* William F. Welsh,* Ronald R. Rindfuss, and **Barbara Entwisle**. 1998. "Population and environmental characteristics associated with village boundaries and landuse/landcover patterns in Nang Rong District, Thailand." *Proceedings, Pecora 13 Symposium on Human Interactions with the Environment: Perspectives from Space*. American Society for Photogrammetry and Remote Sensing, pp. 395-404 (ISBN 1-57083-055-X [CD] publication).

Entwisle, Barbara, Ronald R. Rindfuss, Stephen J. Walsh, Tom P. Evans,* and Sara R. Curran.* 1997. "Geographic Information Systems, Spatial Network Analysis, and Contraceptive Choice." *Demography* 34:171-188.

Entwisle, Barbara and Polina Kozyreva. 1997. "Induced Abortion in Russia: New Estimates." *Studies in Family Planning* 18:14-23.

Rindfuss, Ronald R., David K. Guilkey, **Barbara Entwisle**, Aphichat Chamrathirong, and Yothin Sawangdee*. 1996. "The Family Building Life Course and Contraceptive Use: Nang Rong, Thailand." *Population Research and Policy Review* 15:341-358.

Entwisle, Barbara, Ronald R. Rindfuss, David K. Guilkey, Aphichat Chamrathirong, Sara R. Curran*, and Yothin Sawangdee.* 1996. "Community and Contraceptive Choice in Rural Thailand: A Case Study of Nang Rong." *Demography* 33:1-11.

Hermalin, Albert I., **Barbara Entwisle**, and Zeinab Khadr*. 1996. "Whose Accessibility? Reweighting DHS Data to Serve Multiple Perspectives." *Studies in Family Planning* 27:88-97

Entwisle, Barbara, Gail Henderson, Susan Short,* Jill Bouma,* and Zhai Fengying. 1995. "Gender and Household Businesses in Rural China." *American Sociological Review*. 60:36-57.

Evans, Tom P.*, Stephen J. Walsh, **Barbara Entwisle**, and Ronald R. Rindfuss. 1995. "Testing Model Parameters of Transportation Network Analyses in Rural Thailand." Pp. 302-311 in *Proceedings, GIS/LIS '95, Vol. I*. Bethesda, MD: American Society for Photogrammetry and Remote Sensing: American Congress on Surveying and Mapping.

Entwisle, Barbara. 1993. "Measuring Components of Family Planning Program Effort." In Donald J. Bogue, Eduardo E. Arriaga, Douglas L. Anderton & George W. Rumsey (eds.), *Readings in Population Research Methodology Vol. 7, Contraception and Family Planning*. Chicago: Social Development Center for the United Nations Population Fund.

Entwisle, Barbara, Ronald R. Rindfuss, David K. Guilkey, Aphichat Chamrathirong, Sara R. Curran* & Yothin Sawangdee.* 1993. "Social Networks and Contraceptive Choice in Thailand: Lessons Learned from a Focus Group Study in Nang Rong District." In Bencha Yoddumnern-Attig and Associates (eds.), *Qualitative Methods for Population and Health Research*. Salaya, Thailand: Institute for Population and Social Research.

Bollen, Kenneth, **Barbara Entwisle**, and Arthur S. Anderson.* 1993. "Macrocomparative Research Methods." *Annual Review of Sociology*, 19:321-351.

-Reprinted in 2006 Alan Sica (ed.), *Comparative Methods in the Social Sciences*.

Entwisle, Barbara and Hussein Abdel-Aziz Sayed. 1991. "Estimation of Use Failure Rates for the Pill and IUD in Egypt: An Assessment of Life Table and Current Status Approaches." Pp. 97-110 in United Nations, *Measuring the Dynamics of Contraceptive Use*. New York: United Nations.

Entwisle, Barbara, John B. Casterline, and Hussein A.-A. Sayed. 1991. "On the Importance of Context: Reply to Isvan" *American Sociological Review* 56:136-139.

Entwisle, Barbara. 1991. "Macro-Micro Theoretical Linkage in Social Demography: A Commentary." Pp. 280-286 in Joan Huber (ed.), *Macro-Micro Linkages in Sociology*, Newbury Park, CA: Sage Publications.

Entwisle, Barbara and Catherine M. Coles. 1990. "Demographic Surveys and Nigerian Women." *Signs* 15:259-284.

Entwisle, Barbara, John B. Casterline, and Hussein A.-A. Sayed. 1989. "Villages as Contexts for Contraceptive Behavior in Rural Egypt." *American Sociological Review* 54:1019-1034.

Entwisle, Barbara. 1989. "Measuring Components of Family Planning Program Effort." *Demography* 26:53-76.

Entwisle, Barbara. 1989. "Reply." *Demography* 26:81-84.

Hermalin, Albert I. and **Barbara Entwisle**. 1987. "The Availability and Accessibility of Contraceptive Services." Pp. 583-596 in Robert J. Lapham and George B. Simmons (eds.), *Organizing for Effective Family Planning Programs*. Washington, DC: National Academy of Sciences Press.

Entwisle, Barbara, William M. Mason, and Albert I. Hermalin. 1986. "The Multilevel Dependence of Contraceptive Use on Socioeconomic Development and Family Planning Program Strength." *Demography* 23:199-216.

Coles, Catherine and **Barbara Entwisle**. 1986. *Nigerian Women in Development, A Research Bibliography*. Los Angeles: Crossroads Press. 170pp.

Entwisle, Barbara and William M. Mason. 1985. "The Multilevel Effects of Socioeconomic Development and Family Planning Programs on Children Ever Born." *American Journal of Sociology* 91:616-649.

Hermalin, Albert I., **Barbara Entwisle**, and Lora Myers. 1985. "Some Lessons from the Attempt to Retrieve Early KAP and Fertility Surveys." *Population Index* 51:194-208.

Hermalin, Albert I. and **Barbara Entwisle**. 1985. "Future Directions in Analysis of Contraceptive Availability." Pp. 445-456 in *International Population Conference, Florence 1985*, vol. 3. Liege: IUSSP.

Entwisle, Barbara, Albert I. Hermalin, Peerasit Kamnuansilpa, and Aphichat Chamrathirong. 1984. "A Multilevel Model of Family Planning Availability and Contraceptive Use in Rural Thailand." *Demography* 21:559-574.

Bollen, Kenneth and **Barbara Entwisle**. 1984. "Economic Development and Fertility: A Note on Functional Form Specification." *Comparative Social Research* 7:179-193.

Entwisle, Barbara and C. R. Winegarden. 1984. "Fertility and Pension Programs in LDCs: A Model of Mutual Reinforcement." *Economic Development and Cultural Change* 32:331-354.

Entwisle, Barbara, Albert I. Hermalin, and William M. Mason. 1984. "A Model for the Comparative Analysis of WFS Contraceptive Use Data." Pp. 127-146 in John R. Ross and Regina McNamara (eds.), *Survey Analysis for the Guidance of Family Planning Programs*. Liege: Ordina Editions.

Mason, William M., George Y. Wong, and **Barbara Entwisle**. 1983. "Contextual Analysis Through the Multilevel Linear Model." Pp. 72-103 in Samuel Leinhardt (ed.), *Sociological Methodology* 83/84. San Francisco: Jossey-Bass.

Entwisle, Barbara, Albert I. Hermalin, and William M. Mason. 1982. *Socioeconomic Determinants of Fertility Behavior in Developing Nations: Theory and Initial Results*. Washington, DC: National Academy of Sciences Press. 127pp.

Hermalin, Albert I. and **Barbara Entwisle**. 1982. "Surveys and Their Use in Family Planning Analysis." Pp. 3-22 in Albert I. Hermalin and Barbara Entwisle (eds.), *The Role of Surveys in the Analysis of Family Planning Programs*. Liege: Ordina Editions.

Hermalin, Albert I. and **Barbara Entwisle** (eds). 1982. *The Role of Surveys in the Analysis of Family Planning Programs*. Liege: Ordina Editions. 571pp.

Entwisle, Barbara. 1981. "CBR Versus TFR in Cross-National Fertility Research." *Demography* 18:635-643.

MINOR PUBLICATIONS

Entwisle, Barbara. 2019. "Series Editor Introduction." Pp. xi-xii in Bruno Castanho Silva, Constantin Manuel Bosancianu, and Levente Littvay, *Multilevel Structural Equation Modeling. Quantitative Applications in the Social Sciences*, No. 179. Thousand Oaks, CA: Sage Publications.

Entwisle, Barbara. 2019. "Series Editor Introduction." Pp. ix-x in Haiyan Bai and M. h. Clark, *Propensity Score Methods and Applications. Quantitative Applications in the Social Sciences*, No. 178. Thousand Oaks, CA: Sage Publications.

Entwisle, Barbara. 2019. "Series Editor Introduction." Pp. xvii-xviii in Damador N. Gujarati, *Linear Regression: A Mathematical Introduction. Quantitative Applications in the Social Sciences*, No 177. Thousand Oaks, CA: Sage Publications.

Entwisle, Barbara. 2019. "Series Editor Introduction." Pp. ix-x in Michael D. Ward and Kristian Skrede Gleditch, *Spatial Regression Models, 2nd ed.* Quantitative Application in the Social Sciences, No. 155. Thousand Oaks, CA: Sage Publications.

Entwisle, Barbara. 2018. "Series Editor Introduction." Pp. xi-xii in E. C. Hedberg, *Introduction to Power Analysis: Two Group Studies.* Quantitative Applications in the Social Sciences, No. 176. Thousand Oaks, CA: Sage Publications.

Entwisle, Barbara. 2017. "Series Editor Introduction." Pp. ix-x in Larry D. Schroeder, David L. Sjoquist, and Paula E. Stephan, *Understanding Regression Analysis: An Introductory Guide, 2nd ed.* Quantitative Applications in the Social Sciences, No. 57. Thousand Oaks, CA: Sage Publications.

Conley, Dalton, J. Lawrence Aber, Henry Brady, Susan Cutter, Catherine Eckel, **Barbara Entwisle**, Darrick Hamilton, Sandra Hofferth, Klaus Hubacek, Emilio Moran, John Scholz. 2015. "Big Data. Big Obstacles." *The Chronicle of Higher Education, The Chronicle Review: Section B.* February 2, 2015.

Moran, Emilio F., Sandra L. Hofferth, Catherine C. Eckel, Darrick Hamilton, **Barbara Entwisle**, J. Lawrence Aber, Henry E. Brady, Dalton Conley, Susan L. Cutter, Klaus Hubacek, and John T. Scholz. 2014. "Building a 21st Century Infrastructure for the Social Sciences." *Proceedings of the National Academy of Sciences* 111(45): 15855-15856. PMID: PMC4234554

PAPERS PRESENTED AT PROFESSIONAL MEETINGS SINCE 2005

2018. "Climate Change and Migration: Insights from a Dynamic Model." Paper presented at the Annual Meeting of the Population Association of America, Denver, CO.

2012. "Approaches to Systematic Social Observation of Neighborhoods Across Diverse Settings." Paper presented at the Annual Meeting of the Population Association of America, San Francisco, CA (with Heather B. Edelblute and Brian Frizzelle).

2012. "Extreme Climate Events and Migration: An Agent-Based Modeling Approach." Paper presented at the Annual Meetings of the Population Association of America, San Francisco, CA (with Ronald R. Rindfuss, Stephen J. Walsh, George Malanson, Peter Mucha, Brian Frizzelle, Philip McDaniel, Xiaozheng Yao, Nathalie Willinams, Benjamin Heumann, Ashton M. Verdery, Pramote Prasartkul, Yothin Sawangdee, and Aree Jampaklay).

2010. "Innovation in the Measurement of Place: Systematic Social Observation in a Rural Setting." Paper presented at the Annual Meeting of the Population Association of America, Dallas, TX (with Heather B. Edelblute, Brian Frizzelle, and Philip McDaniel).

2009. "A Mixed Method Approach to Sample Design." Paper presented at the Annual Meeting of the Population Association of America, Detroit, MI (with Allan Parnell and Philip McDaniel).

2008. "The Relationship between Migration and Birth Spacing: Evidence from Nang Rong District, Buriram Province, Thailand." Paper presented at the Annual Meeting of the Population Association of America, New Orleans, LA (with Sukanya Chongthawonsatid, Aree Jampaklay, and Pimonpan Isarabhakdi).

2007. "Putting People Into Place." Presidential Address, Population Association of America Annual Meeting, New York, NY.

2006. "Obligation and Opportunity: The Influence of Gender, Earnings and Household Obligations on Thai Migrants' Remittance Behavior." Paper presented at the Annual Meeting of the American Sociological Association, Philadelphia, PA (with Kim Korinek).

2006. "Rural Migration to Bangkok: Urban Destinations and Spatial Patterns of Migrants from Nang Rong District, Northeast, Thailand." Presentation at the Annual Meetings of the Association of American Geographers, Chicago, IL (with Y. Shao, Stephen J. Walsh and Ronald R. Rindfuss).

2006. "Scenarios of Land Use/Land Cover Change Using Spatial Simulation Models." Presentation at the Meetings of the American Association for the Advancement of Science." St. Louis, MO (with Stephen J. Walsh, Ronald R. Rindfuss and Philip H. Page).

2005. "Beyond Shelter: Social Capital and Housing Mobility among Internal Migrants in Thailand." Paper presented at the Annual Meeting of the American Sociological Association, Philadelphia, PA (with Kim Korinek and Katherine Faust).

2005. "Modeling Population as a Factor in the Deforestation of Nang Rong, Thailand." Paper presented at the International Union for the Scientific Study of Population, XXV International Population Conference, Tours, France (with Ronald R. Rindfuss, Stephen J. Walsh and Philip H. Page).

2005. "A Cellular Automata Approach to Land Use Change Modeling in Northeastern Thailand." Paper presented at the GIS Planet: Second International Conference & Exhibition on Geographic Information, Estoril, Portugal (with Stephen J. Walsh, Ronald R. Rindfuss and Philip H. Page).

2005. "The Impact of Remittances on Rural Households in Nang Rong, Thailand." Paper presented at the Annual Meetings of the Population Association of America, Philadelphia, PA (with Yuying Tong).

OTHER PRESENTATIONS SINCE 2005 (not including colloquia at UNC-CH)

2019. "Innovative Applications of Theory to Population-Environment Research: Discussion." Presented at the Annual Meetings of the Population Association of America, Austin, TX.

2018. "Behavioral and Social Science Insights for Big Data Research." US Census Summer

Workshop, Suitland, MD.

2018. “Behavioral and Social Science Insights for Big Data Research.” Presented at NIH BD2K Behavioral and Social Science and Big Data Workshop, Bethesda, MD.

2017. “Climate Change and Migration: Insights from an Interdisciplinary Model.” Presented at the Earth System Science Seminar, Stanford University, Palo Alto, CA.

2017. “Climate Change and Migration: Insights from a Dynamic Model.” Presented at the Harvard Social Demography Seminar, Cambridge MA. Also Presented at the Brown Population Studies and Training Center Colloquium, Providence RI.

2016. “Application: Modeling Household Dynamics and Land Use in Nang Rong, Thailand.” Penn State Graduate Methods Workshop, Penn State University, State College, PA.

2016. “A Life Course Perspective on Migration.” Conference on the Linkage between Internal and International Migration. Columbia Population Research Center, Columbia University, NY.

2015. “Data Infrastructure for the 21st Century: Challenges of Fully Integrating PHE.” Keynote Address, Health and Environment Symposium, Pennsylvania State University, State College, PA.

2014. “The Politics of Social Science: NSF and Beyond.” Featured Speaker, Annual Meeting of the Sociological Research Association, San Francisco, CA.

2014. “Diversification.” APLU Council for Research Policy and Graduate Education (CRPGE) Workshop for New & Future Vice Presidents/Chancellors for Research, Berkeley, CA.

2014. “Social Science Data Transformed: Coordinating Efforts.” Keynote Address, Aligning Data and Research Infrastructure, IASSIST Annual Conference, Toronto, Canada.

2014. “Institutional Investment in Research.” with Kimberly Espy. Presented to Senior Research Officers Meeting, Association of American Universities, Laguna Beach, CA, 2014.

2013. “New Data for Understanding the Human Condition: International Perspectives.” Presented to the Annual Meeting of the Population Association of America, New Orleans, LA.

2013. “What is the E?” Presented to the NICHD Workshop: Nature AND Nurture: How Genes and Environment Interact, Bethesda, 2013.

2013. “New Data for Understanding the Human Condition: International Perspectives”. Report to the Bonn Plus Group, National Science Foundation, Arlington.

2012. “Changing Science: New Data for Understanding the Human Condition,” Report to the OECD Global Science Forum, Paris.

2012. "Commentary: Great American City: Chicago and the Enduring Neighborhood Effect, by Robert J. Sampson." Presented at the Annual Meetings of the Population Association of America, San Francisco.

2011. "Transition into Adulthood among Young People in the Thai Context: Timing and Sequencing of Leaving School and First Migration." Poster presented at the Annual Meetings of the Population Association of America, Washington, DC (with Aree Jampaklay and Ramesh Adhikari).

2011. "Environment and Health: Data and Measures" NICHD Visioning Workshop in Environment, Bethesda, MD.

2011. "Community Retention in Duplin County, NC." National Children's Study Research Day, Bethesda, MD.

2011. "Innovation in the Measurement of Place." De Jong Lecture in Social Demography. Penn State University, University Park, PA.

2011. "Quo Vadis? Defining Demography and Its Mission" Panel Presentation. University of Michigan Population Studies Center: Honoring the Past & Preparing for the Future.

2011. "Progress Report on "Data and Research Infrastructure for the Social Sciences."" Presented at the OECD Global Science Forum, Berlin.

2011. "Spatial Demography: Opportunities and Challenges." Presented at Future Directions in Spatial Demography. University of California, Santa Barbara

2012. "Measuring Social Environments." NCS Expanded Steering Committee, Bethesda, MD.

2010. "Putting People Into Place: Update." Presented at Best Practices and New Directions in Neighborhood Research Conference. Columbia University, New York, NY.

2010. "PhenX Measures: Enhancing Research Studies of Gene-Environment Interactions." Presented at the Annual Meeting of the American Society of Human Genetics. Washington, DC.

2010. "Marginality in a Marginal Environment: A Perspective on Climate Change and Social Inequality." Presented at the Annual Meeting of the American Sociological Association, Atlanta, GA.

2010. "Ethical Issues in Interdisciplinary Work." Research and Policy Workshop, Annual Meeting of the American Sociological Association, Atlanta, GA, with Gail Henderson.

2010. "The National Children's Study: A Social Demographer's View." Presented at the Center for the Study of Demography and Ecology, University of Washington-Seattle.

2010. "Linking Macro and Micro Through Migration Processes." Presented at the Department of Sociology, University of Chicago.

2010. "Social Networks and Migration: A Dynamic Modeling Approach." Presented at the Harvard Center for Population and Development Studies, Harvard University.

2009 "Implications of Missing Data in Survey-Based Measures of Extended Kin Networks." Presented at the Meeting on Methodology for Empirical Research on Social Interactions, Social Networks, and Health, Harvard University.

2009 "Dynamically Integrating Macro and Micro Processes." Presented at NIH Facilitating Interdisciplinary Research: Methodological and Technological Innovation in the Behavioral and Social Sciences.

2009 "Causes and Consequences of Migration." Presented at the Dynamics of Space and Time Use Conference, Ohio State University.

2009. "The Future of Survey Research" Presented at the Annual Meeting of the Population Association of America, Detroit, MI.

2009. "Does it Matter Where You Live? Neighborhoods and Health" Presented at the Malcolm L. Comeaux Lecture Series at Arizona State University, Tempe, AZ.

2008. "Global Climate Change: Local Perspectives on Settlement and Migration." Presented at the "Sociological Perspectives on Global Climate Change" Workshop, National Science Foundation, Arlington, VA.

2008. "What will the PAA Look Like in 2020?" Presented at the Annual Meeting of the Population Association of America, New Orleans, LA.

2008. "New Directions in the Study of Migration." Panel presentation, NICHD Long-range Plan for Demographic and Behavioral Sciences, Annual Meeting of the Population Association of America, New Orleans, LA.

2007. "Migration and Health." Invited Lunchtime Address, Presented at the Agent-Based Modeling and Spatial Population Dynamics Workshop, The Brookings Institute, Washington, DC.

2006. "Agent-Based Models of Land Use/Land Cover Change: Selected Observations." Presented at the National Institute of Health/National Institute of Child Health and Human Development workshop on The Population Sciences and Agent-Based Methodology: An Answer to the Macro-Micro Link. Washington, DC.

2006. "Neighborhoods and Health." Presented at the NIH Roadmap Interdisciplinary Methodology and Technology Summit., Washington, DC.

2005. “Migrants in the Balance: Competing Social Ties and Migration Dynamics in Thailand.” Presented at Brown University, Providence, RI.

2005. “Data Display and Disclosure Risk.” Presentation at the Annual Meetings of the Population Association of America, Philadelphia, PA.

2005. “Network Change at Multiple Levels: Kinship and Helping Ties in Nang Rong, Thailand.” Presented at the International Sunbelt Social Network Conference XXV, Redondo Beach, CA (with Katherine Faust, and Ronald R. Rindfuss).

GRANTS AND CONTRACTS

“PIRE: “Confronting Energy Poverty: Building an Interdisciplinary Evidence Base, Network, and Capacity for Transformative Change.” National Science Foundation 1743471. Co-Principal Investigator, January 2018-December 2022. \$4,800,000.

“Population Research Training,” National Institute for Child Health and Human Development. T32 HD007168. July 2004-April 2014. Principal Investigator, January 2017-April 2019, \$1,296,232; July 2004-July 2010, \$2,976,810.

“National Children’s Study, Vanguard Center” NIH/NICHD HHSN275200503413C. March 2011 – March 2013. Principal Investigator. \$6,051,802.

“National Children’s Study, Cumberland County” NIH/NICHD HHSN275200800029C September 2008 – September 2013. Principal Investigator. \$14,670,160.

“Dynamically Integrating Macro and Micro Processes.” NIH/NICHD R21ES016729. September 2007 – June 2012. Principal Investigator. \$1,170,345.

“The National Children’s Study – North Carolina Center” NIH/NICHD HHSN267200700049C. September 2007 – September 2012. Principal Investigator. \$48,678,010.

“HSD – Marginality in a Marginal Environment: An Agent-Based Approach to Population-Environment Relationships” National Science Foundation. BCS-0728822. September 2007 – February 2012. Principal Investigator. \$645,642.

“Integrative Graduate Education, Research, and Training in Population and Environment,” National Science Foundation. DGE-0333193. October 2003-September 2011. Principal Investigator. \$2,860,029.

“Carolina Population Center.” National Institute of Child Health and Human Development (NICHD). 1 R24 HD050924-01. July 2005- June 2010. Principal Investigator. \$5,102,073.

“National Children’s Study – Duplin County Vanguard Center.” NIH/NICHD HHSN27520050341. September 2005-March 2011. Principal Investigator. \$12,656,555.

“Modeling Household Dynamics and Land Use.” NIH/NICHD 1 R21 HD051776-02. March 2007-February 2010. Principal Investigator. \$236,803

“Incorporating a Biomedical Perspective in Population-Based Research.” NIH/NICHD R25 HD053765-01. September 2006-August 2009. Principal Investigator \$147,401.

“Demographic Data Sharing and Archiving,” University of Michigan Subcontract via NIH/NICHD. NICHD 5 U24 HD048404. July 2004-June 2009. Principal Investigator. \$469,189.

“Social Networks and Migration.” NIH/NICHD R03 HD050217-01A1. May 2006-April 2009. Principal Investigator. \$100,000.

“Simulating Complexity in a Dynamic Landscape,” National Science Foundation Grant BCS-0119572. November 2001-October 2007. Co-Investigator. \$1,309,706.

“Population, Land Use and Health in Frontier Regions,” NIH Roadmap Project. R21 HD051645. September 2004-July 2007. Co-Investigator. \$219,000.

“Population-Environment Interrelationships in Urban Areas in Thailand,” Mellon Foundation. July 2002-December 2005. Co-Investigator. \$100,000

“Simulating Land Use Dynamics in Southeast Asia: A Cellular Automation Approach,” NASA NAG5-11290. September 2001-August 2006. Co-Investigator. \$551,889.

“Demographic Responses to a Changing Environment,” National Institute of Child Health and Human Development Grant 2 RO1 HD25482-03. August 1993-March 2004. Co-Investigator. \$1,136,365.

“Migration, Contraception, and Social Networks,” National Institute of Child Health and Human Development Grant 1 R01 HD37896. July 1999-June 2003. Principal Investigator. \$744,358.

“The Social Side of Service Accessibility,” The Measure/Evaluation Project, United States Agency for International Development. January 1999-December 2000. Principal Investigator. \$191,113.

“A Pilot Study of Cross-Disciplinary Views of Data Editing,” University Research Council, University of North Carolina at Chapel Hill. November 1998-September 1999. Principal Investigator. ~\$3,000.

“Population Environment Interactions: An Integrated Program of Research, Instruction, and Training Through Remote Sensing Applications,” NASA NAG5-6499, October 1997 - September 1998. Co-Investigator. \$374,000.

“Soils, Water, People, and Pixels: A Study of Nang Rong, Thailand,” NASA, May 1997 - April

2000, Co-Investigator. \$394,449.

“Gender, Households and the Boundaries of Work in China,” Joint Committee on Chinese Studies, American Council of Learned Societies and the Social Science Research Council (Funds from the Henry Luce Foundation), April 1996-December 1996, Co-Principal Investigator; Chiang Ching-kuo Foundation, June 1996-December 1996, Co-Principal Investigator.

“Population Dynamics and Changes in the Landscape,” National Institute for Child Health and Human Development Grant HD 33570-01, July 1995-August 2000. Principal Investigator. \$798,994.

“Monitoring Social Change: Health, Reproduction, Aging,” National Institute for Child Health and Human Development Grant HD 30880-03, August 1994-February 1997. Co-Investigator. \$1,029,532.

“Russian Longitudinal Monitoring Survey,” Agency for International Development Grant 118-0001-G-00-5275-00, August 1995-July 1996. Co-Investigator. \$2,996,122.

“Spatial Organization of the Biophysical Landscape in Relation to Social and Environmental Forces in Four Villages in Nang Rong, Thailand,” MacArthur Foundation, July 1995 - June 1996. Co-Investigator. \$47,500.

“Social Change, Health and Demographic Behavior,” National Science Foundation Grant SES92-23326, May 1993-May 1996. Principal Investigator.

“The Integration of Social and Spatial Data in the Study of Social Change, Population and The Environment,” National Science Foundation Grant SES-9310366. January 1994 - December 1995. Principal Investigator.

“Incorporating Geographic Information Systems Into Evaluation,” Umbrella Subproposal, The Evaluation Project, Agency for International Development. August 1993-October 1995. Co-Investigator.

“Determinants of the Availability, Quality, and Image of Family Planning Services,” Umbrella Subproposal, Agency for International Development, December 1993-June 1995. Co-Investigator.

“Reproductive Behavior, Health, and Role Dynamics,” National Institute of Child Health and Human Development Grant PO1-HD28076, July 1991-June 1996. Principal Investigator.

“Doctoral Dissertation Research in Sociology,” National Science Foundation Grant SES-9200814, April 1992-September 1993. Project Advisor for Renee S. G. Samara.

“Risk Behaviors for AIDS and Pregnancy in Adolescence,” National Institute of Child Health and Human Development Grant, May 1991-June 1992. Co-Investigator.

“Contraceptive Choice in a Changing Environment: Nang Rong,” National Institute of Child Health and Human Development Grant I RO1 HD25482-01, July 1989-June 1992. Co-Investigator.

“Ethnicity and Fertility,” University Research Council, University of North Carolina at Chapel Hill, January 1990-December 1992.

“Why Fertility Patterns Vary by World Region,” Institute for Research in the Social Sciences, University of North Carolina at Chapel Hill, May 1990-June 1990.

“The Contraceptive Behavior of Teenage Women and Their Partners,” National Institute of Child Health and Human Development Contract NO1-HD-72924, October 1987-March 1989. Co-Investigator.

“The Significance of the Second Child,” University of North Carolina University Research Council Grant, January 1987-December 1987. Principal Investigator.

“Effects of Contextual Factors on Fertility Regulation and on Fertility,” National Institute of Child Health and Human Development Contract NO1-HD-62902, November 1985-January 1988. Co-Principal Investigator.

“The Changing Roles of Women in Nigeria: The Feasibility of a Joint Anthropological/Sociological Study,” The Nelson A. Rockefeller Center for the Social Sciences, Dartmouth College. July 1984-June 1985. Principal Investigator.

“Comparative Analysis of World Fertility Survey Data,” National Institute of Child Health and Human Development Grant 1 RO1 HD 15730-1, July 1981-July 1983. Supplement 1 RO1 HD 15730-2, July 1983- December 1983. Renewal 1 RO1 HD 15730-3, December 1983-December 1986. Co-Principal Investigator.

“Multilevel Comparative Analysis of World Fertility Survey Data,” Rockefeller Foundation, July 1983-December 1983. Senior Investigator.

“The Suitability of 1960s KAP Surveys for Comparative Analysis,” The Population Council International Research Awards Program on the Determinants of Fertility in Developing Countries 82/0271, January 1983- August 1983. Principal Investigator.

TEACHING RECORD

Undergraduate

University of Michigan

Population Problems and Policies (introductory), 1980

Introduction to Population Studies (advanced), 1980

Dartmouth College

Population Problems, 1982-1984

Human Society, 1982-1985

Perspectives on the American Family, 1983-1985

University of North Carolina at Chapel Hill

The Labor Force (advanced undergraduate), 1986-1988

Family and Society (introductory), 1986-1988, 1994

Perspectives on American Families (advanced), 1994, 1995, 1997, 2000, 2001

First Year Seminar: American Universities: At a Crossroads?, 2017.

Methods of Social Research, 2000-2002, 2017-

Graduate

University of Michigan

Regional Population Problems and Policies, 1981

University of North Carolina at Chapel Hill

Demography: Theory, Substance, Techniques, Part I, 1985-1992, 2018-

Socioeconomic Factors and Fertility, 1986, 1988

Mortality: Social Demographic Perspectives, 1993, 1996, 1998

Migration, 2006, 2008

Methods of Social Research: Research Design, Data Collection, & Measurement, 1989-1992, 1994-2010, 2018-

PHD STUDENTS, PRIMARY ADVISOR

Sara Curran, 1994, *Household Resources and Opportunities: The Distribution of Education and Migration in Rural Thailand*. Currently on faculty at the University of Washington-Seattle.

Renee Samara, 1994, *Risky Transitions*. Currently on faculty at Camden County College.

Debra Donahoe, 1997, *Women's Work and Fertility in Egypt*. Currently working in the private sector.

Susan Short, 1997, *Birth Planning, Sterilization, and the Care of Children in China*. Currently on faculty at Brown University.

Jill Bouma, 1999, *The Influence of Gender on Education and Job Mobility in Contemporary China*. Currently on faculty at Berea College.

Leah Van Wey, 2001, *A Comparative Study of Migration in Mexico and Thailand*. Currently on faculty at Brown University.

Fenien Chen, 2001, *Family Structures, Familial Relationships, and Socioeconomic Changes in China and Russia*. Currently on faculty at the University of Maryland-College Park.

Erin Leahey, 2002, *The Role of Hierarchy in Shaping Research Practice*. Currently on faculty at the University of Arizona.

Aree Jampaklay, 2003, *Migration, Marital Timing, and Mate Selection in the Context of Thailand*. Currently on faculty at Mahidol University, Thailand.

Jeffrey Edmeades, 2006, *Development and Demographic Change in Nang Rong, Thailand*. Currently on staff at the International Center for Research on Women.

Kammi Schmeer, 2007, *Changing Childhood Household Contexts and Individual Well-Being in Mexico and the Philippines*. Currently on faculty at the Ohio State University.

Yuying Tong, 2007, *Three Essays on Immigrant Assimilation*. Currently on faculty at the Chinese University of Hong Kong.

Kristin Kenneavey, 2008, *Adolescent Gender Attitudes: Structure and Media Influence*. Currently on faculty at Ramapo University.

Jessica Halliday Hardie, 2009, *Aspirations and Attainment in the Transition to Adulthood*. Currently on faculty at CUNY-Hunter College.

James R. Hull, 2009, *Monetization: A Theory and Applications*. Currently on faculty at the University of California-Irvine.

Gerald Lackey, 2012, *The Power of Family Ties in Immigrants' Lives*. Currently on staff at McKinsey & Company.

Ashton Verdery. 2015. *Three Essays on Interdisciplinarity and Knowledge Production*. Currently on faculty at the Pennsylvania State University—State College.

EDITORSHIPS AND EDITORIAL BOARDS

Series Editor, *Quantitative Applications in the Social Sciences*, 2015-date.

Co-Editor, *Demography*, 1998-2001.

Editorial Board, *Population and Environment*, 2004 -date.
Editorial Board, *Social Forces*, 1985-date.
Editorial Board, *Social Science Research*, 2007-2015.
Editorial Board, *American Sociological Review*, 2002-2004.
Editorial Board, *Sociological Methodology*, 1995-1997.
Editorial Board, *Contemporary Sociology*, 1987-1991.
Editorial Board, *Sociological Methods and Research*, 1984-1989.

OTHER PROFESSIONAL ACTIVITIES

A. Board Memberships:

Director, Association for the Accreditation of Human Research Protection Programs (AAHRPP), 2014-date.

Member, Nominations Committee, 2015-2017.

Member, Finance Committee, 2015-2017.

Vice Chair, 2017.

Chair, 2018-2020.

Director (at large), Consortium of Social Science Associations (COSSA), 2017-2019.

Governor, RTI International Board, Research Triangle Park, NC, 2011-2016

Member, RTI Audit Committee, 2015-2016.

Member, RTI Governance Committee, 2011-2016.

Member, RTI Compensation Committee, 2011-2014

Member, Knox Award Committee, 2011-2013.

Member, University Collaboration Committee, 2011-2016.

Trustee, Triangle Universities Center for Advanced Studies Incorporated (TUCASI Board),
Research Triangle Park, NC, 2010-2016.

Member, Executive Committee, 2015-2016.

Director, North Carolina Biotechnology Center Board, Research Triangle Park, NC, 2010-2016.

Member, Science, Education and Technology Committee, 2013-2016.

Director, MCNC (originally Microelectronics Center for North Carolina) Board, 2013-2016.

Member, Governance Committee, 2015-2016.

B. National and International Meetings and Workshops:

Discussant, “Innovative Data and Methods for Population and Environment Research.” Annual Meeting of the Population Association of America, Austin, TX 2019.

Organizer and Chair, “Life Course Perspectives on Migration.” Annual Meeting of the Population Association of America, Chicago, IL, 2017.

Organizer and Chair. "Linking International and Internal Migration." Annual Meeting of the Population Association of America, San Diego, CA, 2015.

Discussant, "Social Capital, Social Networks, and Social Media," Assessing the Need for a New Nationally Representative Household Panel Survey in the United States, NSF Workshop, Washington, DC, 2014.

Organizer and Moderator, "Research Universities in 2030" AAU Senior Research Officers Conference, 2014.

Organizer and Chair, Spatial Analysis and Network Analysis, Annual Meeting of the Population Association of America, Boston, 2014.

Organizer, Innovative Methods in Spatial Demography, Annual Meeting of the Population Association of America, Boston, 2014.

Member, Planning Committee, AAU Senior Research Officers Annual Conference, 2013, 2014.

Presenter, NICHD Visioning Workshop in Environment, 2011.

Invited guest, NICHD Visioning Workshop in Behavior, 2011.

Member, Workshop on the Future of Observatories in the Social Sciences, National Science Foundation, 2010, 2011.

Organizer, "Environmental Impacts on Population Dynamics and Health" 2010 Annual Meetings of the Population Association of America, Dallas, TX.

Discussant, NAS Workshop on Linking Social Science Data and Environmental Data for Climate Change Research, December 2009.

Co-Chair, NAS Planning Meeting on Life-Course Perspectives, October 2009.

Participant, Workshop on Cyberinfrastructure and the Social Sciences, Social, Behavioral and Economic (SBE) Sciences and Computer Information Sciences and Engineering (CISE) Directorates, National Science Foundation, Airlie House, VA, 2005.

Participant, Workshop on Cyberinfrastructure, Directorate for Social, Behavioral and Economic (SBE) Sciences, NSF, Arlington, VA, 2004.

Organizer, "Population and Environment: New Approaches and Methodologies." Annual Meetings of the Population Association of America, Minneapolis, May 2003.

Co-Organizer, Conference on "Gender, Households and the Boundaries of Work in China," October 25-27, 1996, Chapel Hill, NC.

C. Proposal and other Review Panels:

Chair, NIH Special Emphasis Panel ZHD1 DSR-W (50), P2C Review, November 2018.

Member, AHRQ Special Emphasis Study Section, T32 Review Panel, January 2018.

Member, NIH Special Emphasis Study Section, Review of Population Research Infrastructure Program Applications (P2C), May 2017.

Member, NSF NRT Review Panel, 2016.

Member, NSF SBE Committee of Visitors, 2015.

Member, Visiting Committee, Department of Sociology, Harvard University, 2015.

Panelist, NIH P01 Review, ZHD1 DSR-M (MV) 2014, 2015.

Panelist, NIH Special Emphasis Study Section, Review of Population Research Infrastructure Program Applications (P2C), July 2014.

Panelist, Evaluation Panel, Population Sciences and Epidemiology IRG, NIH Center for Scientific Review, 2013.

Member, Aggregation Team, Social Science Review, University of Colorado, 2013.

Review Panel, Coupled Natural-Human Systems, National Science Foundation, 2012.

Chair, NIH Special Emphasis Study Section, Review of the Population Research Infrastructure Program Applications, March 2009.

Chair, NIH ZRG1 HOP B 90 Study Section, 2008-2009.

Chair, External Review of the Spatial Structures in the Social Sciences (S4) Program, Brown University, 2008-2009.

Report Coordinator, Informing Decisions in a Changing Climate, Committee on the Human Dimensions of Global Change, National Academy of Sciences, 2008-2009.

Member, NICHD Special Emphasis Panel, Training Grant Applications Subcommittee Meeting, 2004

Ad hoc Member, NIH Social Science and Population Studies (SSPS) 03S Study Section, 2003

Member, National Science Foundation and Technology Centers Review Committee 2003

Chair, NIH Review of R24 and R21 Applications (NICHD and Center Grants), 2002, 2003.

Member, Social Science and Population Study Section, National Institutes of Health, 1995-1999.

Member, Screening Panel, International Predissertation Fellowship Program, Social Science Council, 1996-1998.

D. Major University Roles and Committees (since 2005):

Member, UNC Faculty Executive Committee (elected), 2018-2020.

Member, UNC Distinguished Professors Selection Committee, 2019.

Member, Board of Advisors, Kenan Institute for Private Enterprise, 2012-2019.

Institutional Official, 2010-2016.

Chancellor's Cabinet, 2010-2016.

Chair, Internal Advisory Board, TRaCS Institute, School of Medicine, 2010-2016.

Member, Executive Team, TRaCS Institute, School of Medicine, 2013-2016.

Member, University Cancer Research Fund Coordinating Committee, 2010-2016.

Member, UNC Energy Frontier Research Center Internal Advisory Board, 2010-2016.

Member, Renaissance Computing Institute Advisory Board, 2010-2016.

Chair, Task Force on the Commercialization of Technology, 2012-2013.

Co-Chair, 21st Century Vision of the Public Research University, Research, 2012-2013. Chair, CTSA Translational Research Advisory Board, 2007-2010.

Member, Research Computing Advisory Group, 2007-2010.

Member, Research Computing Coordinating Council, 2009-2010.

Member, IT Security Working Group, 2008- 2010.

Member, Faculty Advisory Committee on Post-Doctoral Scholars, 2005-2010.

Member, Carolina Asia Center Advisory Board, 2005-2010.

Participant, Chancellor's Workshop on Entrepreneurship, 2009.

Member, Economics Department External Review, 2008-2009.

Member, UNC Strategic Research Initiatives Committee, 2007-2008.

Member, UNC Tomorrow Subcommittee on Health, 2007-2008.

Member, UNC Roadmap Executive Committee, 2004-2006

Chair, UNC Teaching Awards Committee, 2006-2007; Member, 2004-2006.
Member, Global Health Framework Administrative Group, 2005-2006.
Member, Research and Scholarship Subcommittee, Strategic IT Planning Committee, 2005-2006.

E. National and International Committees:

Member, NASEM Gulf Research Program Advisory Board, 2019-2021.
Co-Chair, PhenX Working Group on the Social Determinants of Health, 2018-2019.
Member, National Academy of Sciences Committee on Assessing the Minerva Research Initiative and the Contribution of Social Science to Addressing Security Concerns, 2018-2019.
Chair, National Academy of Sciences Standing Committee to Advise NSF on the SBE Infrastructure Surveys, 2015-2017.
Member, Institute at Brown for Environment and Society Advisory Council, Brown University, 2016-2019.
Co-Chair, PhenX Expert Review Panel 2 (Demographics, Environmental Exposures, Social Environments), NHGRI, 2015-2016.
Chair, Population Association of America Development Committee, 2015-2017.
Member, NSF Data Access Policy Steering Committee, 2014-2016.
Member, Population Association of America Fellowship Committee, 2014-2017.
Member, Belmont Forum E-Infrastructure and Data Management, 2014-2016.
Member, Council on Research (COR) Executive Committee, Association of Public and Land-Grant Universities (APLU) 2013-2016.
Chair, Experts Group for the Global Initiative on Data and Research Infrastructure for the Social Sciences, Global Science Forum of the Organization for Economic Cooperation and Development, 2011-2013.
Member, Board on Research Data and Information, National Research Council, 2010-2013
Chair, PhenX Social Environment Working Group, National Human Genome Research Institute and Research Triangle Institute, 2010.
Member, National Children's Study Executive Steering Committee, 2008-2010.
Co-chair, National Children's Study Neighborhood Working Team, 2008-2009.
Chair, Committee on Professional Ethics, American Sociological Association, 2010; Member 2008-2009.
Co-Chair, Human Impacts of Climate Change Advisory Committee, Environmental Protection Agency, 2007-2008.
Member, NAS Committee on Population, 2006-2012.
Member, NICHD Demographic and Behavioral Sciences Branch. Long Range Planning Committee, 2006.
Member, NAS National Committee for the International Institute for Applied Systems Analysis (IIASA), 2006-2008.
Member, National Children's Study Steering Committee, 2005-2012.
Member, NASA Socioeconomic Data and Applications Center (SEDAC) User Working Group, 2005-2008.
Chair, (elected) Nominating Committee, Population Association of America, 2004
Member, Clifford C. Clogg Award Selection Committee, Population Association of America,

2003-2006.
Chair, Panel on New Research on Population and the Environment, National Academy of Sciences, 2003-2005
Chair, Board of Overseers of the General Social Survey; 2002-2004; Member, 1996-2001.
Member, Committee on the Human Dimensions of Global Change, National Research Council, 1999-2005.
Member, (elected) Publications Committee, Population Association of America, 1995-1997.
Member, Nominations Committee, Inter-University Consortium of Political and Social Research (ICPSR), 1995.
Chair, Fellowship Committee, The Population Council, 1995-1996; Member, 1993-1995.
Consultant, National Center for Health Statistics, 1992-1995.
Member, (elected) Board of Directors, Population Association of America, 1991-1993.
Member, Irene B. Taeuber Award Committee, Population Association of America, 1990-1993.
Member, Program Committee, Population Association of America, 1990-1991, 1993-1994.
Member, (elected) Population Section Council, American Sociological Association, 1989-1991.
Consultant, Committee on Population, National Academy of Sciences, 1989.
Member, Nominations Committee, ASA Section on the Sociology of Population, 1985-1986.
Consultant, National Academy of Sciences Workgroup on Family Planning Effectiveness, 1984.