

**CURRICULUM VITAE OF
BARBARA ENTWISLE**

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Carolina Population Center
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CURRENT POSITIONS

Kenan Professor, Department of Sociology, University of North Carolina, Chapel Hill, NC, 2007-date.
Director, Carolina Population Center, University of North Carolina, Chapel Hill, NC 2002-date.
Fellow, Carolina Population Center, University of North Carolina, Chapel Hill, NC, 1985-date.
Adjunct Professor of Geography, University of North Carolina, Chapel Hill, NC, 2002-date.
Faculty Member, Curriculum in Ecology, University of North Carolina at Chapel Hill, 2003-date.

PREVIOUS EMPLOYMENT

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

Mary Lily Kenan Flagler Bingham Distinguished Professorship, 2007-
President (elected), Population Association of America, 2006-2007.
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 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

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.

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.

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.

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 Chamrathirong. 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, Bethesda, D, 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 Chamratrithirong, 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.

PAPERS RECENTLY PRESENTED AT PROFESSIONAL MEETINGS (since 2003)

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).

2004. "Migrants in the Balance: Competing Social Ties and Internal Migration Dynamics in Thailand." Paper presented at the Annual Meeting of the American Sociological Association, San Francisco, CA (with Kim Korinek and Aree Jampaklay).

2004. "Migration Social Capital and Its Influence upon Return Migration: The Case of Rural-to-Urban Migrants in Thailand." Paper presented at the Annual Meetings of the Population Association of America, Boston, MA (with Kim Korinek and Aree Jampaklay).

2004. "Village Settlement and Land Cover Change in a Frontier Region: A 50 Year Retrospective." Paper presented at the Annual Meetings of the Population Association of America, Boston, MA (with Jeffrey Edmeades, George Malanson, Chai Podhisita, Pramote Prasartkul, Ronald R. Rindfuss, and Stephen J. Walsh).

2003. "Dynamics of Village Settlement in a Frontier Region: Nang Rong, Thailand." Paper presented at the Annual Meetings of the Population Association of America, Minneapolis, MN (with Jeffrey Edmeades, Ronald R. Rindfuss, and Stephen J. Walsh).

2002. "Who Helps? Household Change and Consequences for the Rice Harvest." Paper presented at the Annual Meetings of the Population Association of America, Atlanta, GA (with Jeffrey Edmeades, Katherine Faust, and Ronald R. Rindfuss).

OTHER RECENT PRESENTATIONS (since 2003, not including colloquia at UNC-CH)

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).
- 2004 "Population, Land Use, and the Environment." Presented at the National Institute of Health, Director's Wednesday Afternoon Lecture Series. Washington, DC.
2004. "Population Change and Landscape Dynamics: The Case of Nang Rong, Thailand." Paper presented at the National Academies' workshop on New Research on Population and Environment, Irvine, CA (with Stephen J. Walsh, Ronald R. Rindfuss, Pramote Prasartkul, and Aphichat Chamratrithirong.).
2003. "Village Settlement and LULCC in a Frontier Region: Nang Rong, Thailand." Presentation to the Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Montreal, Quebec (with Jeffrey Edmeades, George Malanson, Chai Podhisita, Pramote Prasartkul, Ronald R. Rindfuss, and Stephen J. Walsh).
2003. "Births, the Composition of Households, and Household Economic Activities in Emerging Market Economies: China and Vietnam Compared." Paper presented at the *Gender, Socialism and Globalization in Contemporary Vietnam and China Conference*, Australian National University, Canberra, Australia (with Kim Korinek, Soumya Alva, Feinian Chen, and Barbara Entwisle).
2003. "Social Networks and Internal Migration: The Case of Nang Rong, Thailand." Presented at the Office of Behavioral and Social Sciences Seminar Series, National Institutes of Health, Washington, DC.
2003. "Linking Data on People with Data on Their Environments." Presented at the NSF Confidentiality Workshop, Washington, DC.
2003. "Making a Case for Repeated Cross-Sectional Surveys: Perspectives on the General Social Survey (GSS)." Presented at the NSF Workshop on Repeated Cross Sectional and Longitudinal Surveys, Washington, DC.

CURRENT GRANTS AND CONTRACTS

“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 R21E5016729. September
2007 – June 2011. 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 –
August 2010. Principal Investigator. \$645,642.

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

“Modeling Household Dynamics and Land Use.” NIH/NICHD 1 R21 HD051776-01A1. March
2007-February 2010. Principal Investigator.

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

“National Children’s Study – Duplin County Vanguard Center.” NIH/NICHD
HHSN27520050341. September 2005-September 2010. Principal Investigator. \$12,656,555.

“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.

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

“Population Research Training,” National Institute for Child Health and Human Development.
T32 HD007168. July 2004-April 2009. Principal Investigator. \$2,912,295.

“Integrative Graduate Education, Research, and Training in Population and Environment,”
National Science Foundation. DGE-0333193. October 2003-September 2009. Principal
Investigator. \$2,860,029.

PRIOR GRANTS AND CONTRACTS

“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. Principal Investigator and 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.

EDITORSHIPS AND EDITORIAL BOARDS

Editorial Board, *Social Science Research*, 2007-date

Editorial Board, *Population and Environment*, 2004 -date.

Editorial Board, *Social Forces*, 1985-date.

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

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 (does not include activities at UNC-Chapel Hill)

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

Member, Committee on Professional Ethics, American Sociological Association, 2008-2010.

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.

Co-Chair, Human Impacts of Climate Change Advisory Committee, Environmental Protection Agency, 2007-2008.

Member, NAS Committee on Population, 2006-2009.

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.

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.

Member, NASA Socioeconomic Data and Applications Center (SEDAC) User Working Group, 2005-2008.

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

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

Chair, (elected) Nominating Committee, Population Association of America, 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

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.

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

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

Member, Committee on the Human Dimensions of Global Change, National Research Council, 1999-2005.

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.

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

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.