

**Laura L. Murphy, PhD**

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**Areas of Interest**

- Technology and society in developing countries
- Population, environment, and development
- Production/consumption and Sustainability
- Development Studies/Development Theory
- Social Impacts of AIDS and Community Responses in sub-Saharan Africa

**Education**

Ph.D., University of North Carolina (UNC) at Chapel Hill, 1998, Department of City and Regional Planning (DCRP). Dissertation title: *Making a Living in the Rainforest: Factors Affecting Economic Status of Settlers in the Ecuadorian Amazon*. Advisor: Richard E. Bilsborrow, PhD

Certificate in Latin American Studies, University of North Carolina, Chapel Hill, Institute for Latin American Studies (ILAS), 1998.

B.S., Stanford University, California, 1983. Mechanical Engineering, with Honors in "Values, Technology and Society." Stanford semester-abroad, Vienna (1981).

**Academic Positions**

**Carnegie Corporation of New York Professor of Social Entrepreneurship (2011-).** Appointed an endowed position to help build Tulane's university-wide program in Social Entrepreneurship and Innovation, including designing a university-wide undergraduate coordinate major.

**Clinical Associate Professor (2007-, Global Health Systems and Development** (formerly Department of International Health and Development), School of Public Health and Tropical Medicine, Tulane University. Affiliated with the Roger Thayer Stone Center for Latin American Studies and the Payson Center for International Development (in the Tulane School of Law). Teach 4+ courses/year on development, population, environment, research design/approaches, and special topics. Advise masters' theses and doctoral students across the university. Develop and direct interdisciplinary programs across the university (LAS, SPHTM, International Development, Social Innovation). Serve on university-wide committees. Since 2007: Director of the (old) IHD Doctoral Program. Since 7/2011, lead the GHSD MPH Concentration in Society, Behavior and Development (SBD). Also continue original scholarly research and writing on population-environment, technology change (kitchen gardens, cellphones in a village), social impacts of the HIV/AIDS epidemic in sub-Saharan Africa, human development and livelihoods.

**Director, Academic Programs (Adjunct Associate Professor), Payson Center for International Development** (December 2010 - current). Teach courses and advise students in international development; also involved in Payson Center curriculum review. Since late 2010, interim director of the Payson Center PhD Program.

**Clinical Assistant Professor (2001-6), Department of International Health and Development, Tulane University, New Orleans.** Half-time (50% FTE) from July 2001; full-time from December 2006. Formally affiliated with the Stone Center for Latin American Studies (regular teaching and advising duties). Teach graduate core course on development theory, electives (population-

environment, data analysis). Designed and led field courses on health and development in Kenya and Guatemala. Also, student advising and university committees. Independent sponsored research on AIDS impacts on food security, technology change in rural Africa.

**Adjunct Assistant Professor, International Health and Development, Tulane University** (part-time, 1999 - 2001). Administered and taught interdisciplinary graduate courses: Development Theory, Survey Data Analysis, Population-Environment Theory, and Population-Environment Field Course (Guatemala).

**Co-Investigator, Research Project** on "Agricultural Colonization in the Ecuadorian Amazon: Population, Biophysical and Geographical Factors Affecting Land Use/Land Cover Change and Landscape Structure," (1998-2001), University of North Carolina, Chapel Hill. Analyzed survey and spatial data to model land-use, demographic changes and survival strategies among peasant households; fieldwork and questionnaire design and testing for 1999 field survey of households. Funding from NASA and the Mellon Foundation funding. Principal Investigators: R. Bilborrow and S. Walsh, UNC-Chapel Hill.

**Research Assistant, Carolina Population Center, University of North Carolina at Chapel Hill** (1992-1998). Involved in household survey data analysis, articles, presentations and grant proposals for Agricultural Colonization and Deforestation in the Ecuadorian Amazon. Undertook dissertation Fieldwork, Ecuadorian Amazon (July-August 1994; July-August, 1995). Designed and conducted pilot household time allocation study, in-depth interviews with farm households, and community-level questionnaire. Pre-dissertation research funded by the Tinker Foundation.

### Professional Positions

**Coordinator, Population-Environment Research Network** (50% FTE, May 2000- July 2002). Helped establish innovative, on-going internet-based network for international research and scholarship on population-environment dynamics. Responsible for academic content and activities, i.e., the research database, cyber-seminars, international membership, as well as steering committee relations. Project sponsored by the International Union for the Scientific Study of Populations (IUSSP), the International Human Dimensions of Global Change Programme (IHDP), and CIESIN and funded by the John D. and Catherine T. Macarthur Foundation. Website: <http://www.populationenvironmentresearch.org>.

**Program Officer, Canadian High Commission, Nairobi, Kenya** (1988 - 1991). Administered US \$800,000 per year in community-based small project and "women in development" funds for Kenyan organizations. Tasks: proposal review, site visits throughout Kenya, monitoring and reporting, and liaison with other donors.

**Program Officer, Indonesian Environmental Forum (WALHI), Jakarta, Indonesia** (1983 - 1986). Helped develop and manage projects and raise funds for tropical forest and biodiversity conservation, rural development and environmental education projects with national network of Indonesian community and non-governmental organizations. Originally posted through Volunteers in Asia (VIA) based at Stanford University.

### Consultancies

**Trust for Indigenous Culture and Health (TICAH), based in Nairobi, Kenya** (2009 and 2010). Research Coordinator, "Valuing Traditional Medicine" project, led by TICAH, and funded by the Rockefeller Foundation. Led desk review, secondary data analysis, and innovative pilot fieldwork in urban and rural Kenya using cellphone-based data collection methods, Google-Earth satellite images for sampling households in an urban slum, and daily diaries for health-behaviors.

**Kilimanyika, Ltd (based in Nairobi, Kenya):** May/June 2009. Responsible for desk review on social,

demographic and economic development themes related to the proposed Mtwara Development Corridor in Tanzania as part of an innovative proposal to a major NGO (CARE/WWF Alliance) initiative for integrated conservation and development in this border zone with Mozambique. Introduced dynamic systems thinking as analytical lens.

**Overseas Development Institute (ODI)**, Humanitarian Policy Group, London (2003-4) Assisted with a study of the implications of HIV/AIDS for humanitarian action in Sub-Saharan Africa with interviews in the US and Kenya, literature review, data analysis and writing.

**Department of International Health and Development**, School of Public Health and Tropical Medicine, Tulane University (March 2000 - 2001). On a consultancy basis (Hewlett Foundation funding), Developed syllabi for two innovative graduate courses on Population-Environment topics: readings, case studies, and Guatemalan field sites and logistics.

**Roger Thayer Stone Center for Latin American Studies, Tulane** (2000). Researched on-campus faculty and resources aiming to expand and strengthen Tulane's Neotropical Ecology Institute, focused on Latin American conservation and development research, education and policy.

**United Nations Development Program** (Jan – Feb 1998) "Population-Environment Case Study of Ecuador's Amazon". Organized, helped design, and undertook semi-structured interviews with Ecuadorian Amazon key informants, including farmers, merchants, policy-makers and environmentalists. Also involved in analysis and writing up findings for the main author, PI: Richard Bilsborrow of UNC.

**International Labor Organization (ILO)**, Geneva, Development Policies Department (POLDEV) (Nov-Dec 1997). Developed an original field-based, quantitative survey method for the *Rapid Assessment of Poverty Impacts (RAPI)* of labor-intensive projects. Conceptualized non-income poverty measures, refined questionnaires, and elaborated issues relating to assessing the poverty reduction impacts of employment-intensive projects in developing countries.

**The Institute for Southern Studies**, Durham, North Carolina (Sept – Dec, 1991). Researched, analyzed, and wrote an inventory and overview report on wide-ranging community-based economic development efforts in the southern USA.

**US Agency for International Development (USAID), Jakarta, Indonesia** (June - Aug, 1987). Researched and wrote chapter of the Country Development Strategy Statement (CDSS) on Indonesian non-governmental organizations (NGOs); assessed the national Famine Early Warning System.

**World Wildlife Fund (WWF)** and USAID Jakarta, Indonesia, (Nov - Dec, 1987). Researched and developed grant proposal with Indonesian NGOs for the conservation of biological diversity in Indonesia.

#### **Teaching in GHSD (regularly offered courses; most are regular three credit courses)**

- *Population-Environment Theory and Evidence* (INHL 685/GHSD 6850). Graduate course on environmental issues, climate change, urbanization, food security, industrial ecology, and community-based population, health and environment programs. Annual, since 2001.
- *Development Theory* (INHL 720/GHSD 7200). Graduate (doctoral level) seminar course on social theories of development, including modernization, neoliberalism, human rights, sustainable development, human development (capabilities approach), post-structuralism, critical development theory and complexity/dynamic systems. Since 2000.
- *Doctoral Student Research Seminar* (INHL 705/GHSD 8050). 1-credit seminar on research approaches, interdisciplinary thinking, ethics in research, professionalization and other special topics for IHD doctoral students. 1-2 times per year since 2007.

#### **Other Teaching (other courses designed and taught since 1995, from most recent)**

- *Introduction to Research* (IDEV 6120), spring 2012, for graduate students in international development: an engaged, scholarly, and interdisciplinary introduction to the craft of research

for addressing human development in an international context; surveys the foundations of research logic, major research designs (spanning experiments to mixed methods to PAR), seminar and field/lab activities in New Orleans.

- *Introduction to Development* (IDEV 1010), fall 2011, freshman-level introduction to the field of international development; historical and contemporary context for underdevelopment; how ideas, technologies, and values infuse our thinking about foreign aid, solutions to poverty and social change.
- *Rethinking Development: Taking Stock, Challenging Myths, Seeking Inspiration*. (IDEV 691-02) Designed and taught new three credit upper level graduate seminar for the Payson Center, Spring 2011 covering debates and new ideas in development (including “do-it-yourself” development, social business, entrepreneurship, dynamic systems, and capabilities).
- *Urban Spaces and Development* (IDEV 495-02, 691-03), helped develop new survey course for undergraduates on urbanization and informal settlements in the developing world (for the Payson Center, with Ann Yoachim, Jonathan Tate, and Colin Crawford).
- *Information Communication Technology for International Development* (IDEV 410). Updated and refreshed core course for undergraduate coordinate majors in International development, with Alex Priebe and Gloria Toro. And *Information Communication Technology for International Development* (IDEV 660). Lead faculty for doctoral students taking core course (with Alex Priebe and Gloria Toro).
- *Latin American Studies Graduate Student Core Seminar* (LAS 7000). Designed and contributed a three-week module on “Applied Social Sciences” as part of co-taught core course for Master’s students in Latin American Studies at Tulane.
- *Social Impacts of AIDS* (INHL 607), Spring 2008. Completely updated and revamped this three-credit course (offered last in 2006 as co-taught course with Lisanne Brown) on social, economic, rural livelihoods impacts of HIV/AIDS in Sub-Saharan Africa.
- *Health and Development in Kenya in the age of HIV and AIDS* (the Kenya Field Course, INHL 653). Designed and ran first 3 credit (one month) intensive field course in Kenya in July 2004 (with Kate Macintyre), revised with new field locations in 2006, 2007.
- *Guatemala Population-Environment Practicum*: an innovative two-week field course designed and run by Murphy from 2001-3 for SPHTM and LAS students in Guatemala.
- *Brazil Field Studies Course on Urban Livability*: field course for graduates and undergraduates on urban development and change, designed and taught with Tony Pereira, in Brazil in July 2003.
- *Technology and Society Issues in Latin America*: three credit graduate seminar designed and taught for the Stone Center for Latin American Studies (2003).
- *Urbanization in Latin America*: three credit graduate seminar developed and taught for the Stone Center for Latin American Studies (2003)
- *Survey Data Analysis*: an intensive, computer-based course focusing on analysis of DHS survey data, developed and taught for the Department of International Health and Development.
- *Ethical Bases of Public-Policy Decision-Making*: updated and led course for the undergraduate

Curriculum in Public Policy Analysis at University of North Carolina, Chapel Hill.

**Special Course Formats** (weekend, intensive, and student-led)

- *Field Research Methods for the Social Sciences*: One-day, non-credit, hands-on, interactive workshop for graduate students in interdisciplinary programs in Latin American Studies, Public Health and Development to learn more about research design and methods. Annual, fall, since 2006.
- *Prospectus-Writing Workshop*, internet-based dissertation proposal-writing seminar for IHD doctoral students (first offered summer 2008, available for self-study).
- *Student Seminar in Social Theory for Public Health*. Faculty advisor for a doctoral-student led reading and discussion group on themes of Capabilities, Complex Adaptive Systems and Post-Development Thought. Spring 2009.

**Guest Lectures (usually, one-classroom session)**

- “Social Entrepreneurship in Development” for undergraduate course on Gender and Development, fall 2011
- “The Literature Review as Research” for GHSD 8020, doctoral seminar on “Social theory for global health research”
- “Social Innovation and Social Entrepreneurship for Social Workers”: guest lecture for social work core course, July 2011
- “How Disciplines Think: Applied Social Sciences and Public Health” two class lectures and guided discussion for a Newcomb Scholars Undergraduate Colloquium Course, fall 2010.
- “Cell Phones and Socio-Technical Change”. Guest Lecturer, Peter Scharf’s SPHTM undergraduate course, Nov 2010.
- “Disruptive Technologies: The Mobile Phone” for SPHTM undergraduate course, October 2009 (Instructor, Peter Scharf)
- “View from the Village”. Guest lecture in INHL 607, Social Impacts of AIDS, Tulane (2009)
- “Hybrid Technologies Research Findings,” Department of International Health and Development Brown Bag Seminar, Dec 3, 2008.
- “Technology as behavior change for health in rural Africa,” for *Health Behavior* class, Tulane, Spring 2006 (for Professors Macintyre and van Landingham)
- “AIDS and Technology”, for a course on *Global Health*, Duke University (Prof. Kate Whetten). Fall 2005
- “The Machakos Miracle” for *Population-Environment-Development*, University of North Carolina Chapel Hill (for Prof. Richard Bilborrow). Fall 2005

**Theses & Dissertations Supervised**

- Currently Chair of Doctoral Committee: Alex Priebe (Payson Center for Int’l Development), Erin Peacock (IHD)
- Committee member for doctoral students: Lisa Crossman (Art History/CLAS), Katie Maloney (IHD)
- Chair for MA Thesis: Kristen Evans (Latin Am Studies, 2011 graduate), Will Faulkner (Latin Am Studies, 2012 graduate)
- Recent PhDs (Chair): Nami Kurimoto (IHD, 2011), Brian Luckett (IHD, PhD 2010), Maureen Long (CLAS, 2008)
- Committee member for recent PhD graduates: Holly Scheib (2010), Megan Littrell (2009)
- Supervisor, MPH Practicum and Public Health Analysis: Mary Rennells (2011), Carmen Springer (2011), Cate Irvin (2010), Betsy Charron (2010) and others

- Member, MA theses: John Ben Soileau, Latin Am Studies (2011)

### Independent Studies (IS)

- I have supervised many “IS” for students on topics of urban agriculture, population and environment, development theory, critical social theory, information communication and technologies, and other topics.

### Peer-Reviewed Publications

- Murphy, Laura and Alex Priebe, 2011. “My Co-Wife Can Use My Phone: Insights into Mobile Phone Use in Rural Africa”. *Gender, Technology, and Development*.
- Murphy, Laura. 2008. “AIDS and Kitchen Gardens: Insights from a Village in Western Kenya.” *Journal of Population and Environment*. Special Issue: HIV/AIDS and the Environment. Volume 29, Numbers 3-5, 2008
- Murphy, Laura, Paul Harvey and Eva Silvestre. 2005. “How do we know what we know about AIDS impacts in rural Africa: evidence from field studies” *Human Organization*. Vol 64, No 3 2005 pp 265-275
- Pichón, Francisco, Catherine Marquette, Laura Murphy and Richard Bilsborrow. 2002. "Choice and Constraint in the Making of the Amazon Frontier: Settler Land Use Decisions and Environmental Change in Ecuador." In Wood (et al Eds.) *Land Use and Deforestation in the Amazon*. Gainesville: University of Florida. (Chapters were peer-reviewed for inclusion)
- Murphy, Laura. 2001. "Colonist Farm Income, Cattle, Off-farm Work and Differentiation in the Northern Ecuadorian Amazon," *Human Organization*, spring 2001.
- Laurian, Lucie, Richard Bilsborrow and Laura Murphy. 1998. “Migration Decisions among Settler Families in the Ecuadorian Amazon: the Second Generation,” in *Research in Rural Sociology and Development: Focus on Migration*. Vol. 7 (Summer, 1998): 169-196.
- Murphy, Laura, Richard Bilsborrow and Francisco Pichón. “Poverty and Prosperity among Migrant Settlers in the Amazon Rainforest Frontier of Ecuador,” *Journal of Development Studies*. Vol. 34 (December, 1997), No. 2, pp. 35-65.
- Thapa, Keshari, Richard Bilsborrow and Laura Murphy. 1996. “Deforestation, Land Use and Women's Agricultural Activities in the Ecuadorian Amazon.” *World Development*. Vol. 24 (1996), No. 8, pp. 1317-1332.

### Current Manuscripts and Articles

- “Exploring the Dynamics of REDD in Forest Communities: A Case Study from Peru’s Amazon”, under review at *Environmental Science and Policy*, with Kristen Evans (lead) and Wil de Jong
- “A Transdisciplinary Approach to Population-Environment Research,” revise and resubmit to *Journal of Population and Environment*, with Susana B. Adamo, Rimjhim Aggarwal, Alex De Sherbinin, Dianna Hummel, Jack Liu, Kyle Knight, and Leo Zulu
- ““Dead China-Make” Phones Off the Grid: Investigating Mobile Phone Use in Rural Africa, revisions in process for resubmission. With Susan Wyche (lead) and Njoki Gitau.
- “Grandmother Care-Givers in Malawi: Balancing Blessings and Burden of Foster Care in the Age of HIV/AIDS” revised and resubmit to the *Journal of Cross-cultural Gerontology*, with Megan Littrell (lead) and Kate Macintyre
- "The Impact of Food Aid on the Livelihoods of HIV/AIDS-Affected Households in Rural Kenya: An Evaluation Using Propensity Score Matching", FAO conference presentation, With Brian Lockett (lead) and Diego Rose.
- “Social Shaping of Technology: Insights from AIDS-affected Rural Africa” manuscript in progress for *Science, Technology and Human Values*.
- “No Plough, No Bull, No Donkey: AIDS, Poverty, and Technology Change in Rural Western Kenya” revising manuscript for book chapter.

### Research Working Papers and Reports

- “Power is Knowledge” Interim report on demonstrations and field trials of solar and hand-crank phone-charging products.
- “Pilot Study Fieldwork Report, Valuing Traditional Medicine”, August 2010, for Trust for Indigenous Culture and Health (TICAH), Nairobi, Kenya. With Erin Peacock.
- “Valuing Traditional Medicine” Report of Year – One (Desk Review Phase). Trust for Indigenous Culture and Health (TICAH), Nairobi, Kenya.
- “People, Landscapes, and Action: Livelihoods, the Environment, and Changing Social and Ecological Landscapes Within the Mtwara and Nacala Development Corridors: Tanzania Component.” Technical Report to CARE/WWF Alliance. September 2009. Co-Author with Paul Harrison, James Laizer, Kahana Lukumbuzya, Fred Nelson, Rob Craig, Melita Samoilys and Delphine Malleret-King.
- “Socio-Economic Background Report” on the Mtwara Development Corridor, Tanzania. Prepared for the CARE/WWF Alliance Project on People, Landscapes and Action. (June, 2009).
- “Valuing Traditional Medicine: A social science literature review” with Nami Kurimoto and Erin Peacock and the Trust for Indigenous Culture and Health (TICAH) Nairobi. July 2009.
- “Population, Health and Livelihoods of Marakuru Study Site.” Working Paper #4 on Hybrid Technologies Project.
- “13 Ways of looking at the Mobile Phone in Rural Marakuru, Kenya: Social Science Insights into the Study of Technology.” Working Paper #3, Hybrid Technologies Project.
- “With My Phone, I Can’t Starve to Communicate: Mobile Phone Users and Usage in Rural Marakuru, Bungoma District, Kenya.” (Results of in-depth interviews with mobile phone users in rural Kenya.) Working Paper #2, Hybrid Technologies Project.
- “Mobile Phone Adoption and Use in Rural Kenya” Preliminary Findings from a Village Census. Working Paper #1, Hybrid Technologies Project.
- “Hybrid Technologies in the Era of HIV/AIDS: Hoes and Mobile Phones in Rural Africa” Interim Report to National Science Foundation (NSF) Science & Society Program, January 20, 2007.
- “Crops, Cellphones, and T-Cells”, Report to the Ministry of Science, Education and Technology (MOEST), Nairobi, Kenya.
- “AIDS-related morbidity, mortality and the environment.” Note prepared for Population Environment Research Network cyberseminar on HIV/AIDS and Environment, April 2006 as “Invited Expert”.
- “Population and Environment in the Vulnerable Crescent City”. Invited contribution to the US Center for Environment and Population (CEP) special report *Population and the Environment in the US*.
- “Study on HIV/AIDS and Humanitarian Action: Insights from US and Nairobi-based interviews.” Report for the Humanitarian Policy Group, Overseas Development Institute project on the implications of HIV/AIDS for humanitarian action.
- “Survey Methodology for Rapid Appraisal of Poverty Impacts of Labor-based Projects.” For the International Labour Organization (ILO), Geneva.
- “Population and Environment Interactions in the Ecuadorian Amazon.” (With Richard Bilborrow). Report for the United Nations Population Division.
- “Community-Based Economic Development Efforts in the South.” Report for the Institute for Southern Studies, Durham, NC., December, 1991.
- “Canada Fund for Local Initiatives” Report on an internal evaluation of a small grants program for the Canadian High Commission and CIDA, Nairobi, Kenya, 1990.
- (with Dr. Ron Petocz, 1988) “Conservation of Biological Diversity in Indonesia” report for the World Wildlife Fund, Jakarta, Indonesia

### Community Outreach

- “HIV/AIDS and Traditional Medicines”, invited participant, workshop organized by Trust for

Indigenous Culture and Health (TICAH), Nairobi, Kenya, May 28-30, 2008

- Presentation to the MOH, Kenya and the CDCs (Nairobi). At the Ministry of Health, Afya House, Nairobi, Kenya, September 18, 2008
- “Hybrid Technologies” Village Dissemination Workshop, Kakichuma, Bungoma District, Kenya. December 17, 2007. Community outreach event I sponsored following fieldwork in 2007, including a lecture, mobile phone use workshop, and outdoor sports for children.
- “Home Gardens to Combat HIV and AIDS in Western Kenya,” Presentation by Laura Murphy to the District Development Office, Bungoma, Kenya, October 2, 2006 (Facilitated by ACE-Africa, Bungoma)

### **Seminars, Conferences, and Workshops**

- “Faculty Forum on the Future of Social Innovation in Education”. Babson College Lewis Institute and Ashoka U. November 9-11, 2011, invited participant.
- “Future of Cities,” Tulane Symposium, November 2010. Discussant for speaker panel (visiting speakers from Oxford University).
- “Texting, Talking, Tweeting; Treating? Frontiers of Mobile Phones for Global Health.” Presentation at an interdisciplinary seminar for Tulane’s Global Health Framework, November 2010
- “Insights from Rural Kenya on Development and Technological Change,” Presentation at Payson Center for International Development Friday Colloquium, 10/2010.
- Presentation at Women’s Faculty Research Marathon, Tulane University, Nov 2010
- “Mobile Phones, Kitchen Gardens and HIV/AIDS: Insights from Rural Kenya into Socio-Technical Change for Human Development”. Presentation at the Society for Social Studies of Science Annual Meeting, October 28-November 1, 2009
- “Population-Environment-Development Theories and Methodologies”; Expert Statement for the PERN cyberseminar, February, 2009, [www.populationenvironmentresearch.org](http://www.populationenvironmentresearch.org)
- Presentation at the Tulane Innovative Learning Center (ILC) Series on Digital Trends” Mobile phones and the Digital Divide: Insights from fieldwork in Kenya” October 16, 2008
- Invited Expert and Participant, Cyberseminar on “Micro-demographics of HIV/AIDS and Environment in Sub-Saharan Africa.” April 2006: [www.populationenvironmentresearch.org](http://www.populationenvironmentresearch.org)
- “What policies can promote appropriate technology change in rural communities affected by HIV and AIDS?” Invited speaker. Presentation to the Duke Public Policy Faculty Seminar, November 21, 2005
- “Crops, Cellphones and T-Cells: Technology Change for Livelihood Security in Sub Saharan Africa” Invited as speaker for the Global Health Seminar. University of North Carolina, Chapel Hill, November 17, 2005
- “Population-Environment Dynamics in Urban Settings” Chair and organizer of session at the Population Association of America Meeting, Atlanta, May 8-11, 2002
- “Population and Land Use Dynamics in Rural Settings” Chair and organizer of session at the Population Association of America Meeting, Atlanta, May 8-11, 2002
- “Roundtable on Community-Based Conservation in Latin America.” Latin American Studies Association, XXIV Conference, Washington DC, USA. September 2001
- “Population Environment Research Network.” Presentation at the conference of the International Union for the Scientific Study of Populations (IUSSP), August 2001, Salvador, Bahia, Brazil
- “Intensification and Growth in the Frontier (Changes in the Ecuadorian Amazon, 1990-1999).” Presentation at the Population Association of America Annual Meeting, Washington DC, March 2001 (with Bill Pan, Brandy Sullivan and Richard Bilsborrow)
- “Permanence and Turnover in the Ecuadorian Amazon,” American Association of Geographers, April, 2000 (with Brian Frizelle)
- “Preliminary Findings on Farm & Household-Level Changes from 1990-1999.” Latin American Studies Association, Miami, March 16-18, 2000

- “Land Use, Household Composition, and Economic Status of Settlers in Ecuador’s Amazon: A Review and Synthesis of Research Findings” (by Murphy, L., C. Marquette, F. Pichón and R. Bilsborrow) The University of Florida, Center for Latin American Studies, 48th Annual Conference: "Patterns and Processes of Land Use and Forest Change in the Amazon," Gainesville, FL., March 23-26, 1999.
- “Links between Agricultural Technology, Productivity and Deforestation in the Amazon: Evidence from Ecuador” (by F. Pichón, C. Marquette, L. Murphy and R. Bilsborrow). Center for International Forestry Research (CIFOR) "Workshop on Technological Change in Agriculture and Deforestation." CATIE, Costa Rica, 11-13 March, 1999. (Presented by F. Pichon)
- “Household Income, Labor and Land Use in Ecuador’s Amazon.” Invited speaker at the Friday Seminar, Carolina Population Center, University of North Carolina, Chapel Hill (Sept 4, 1998).
- “Balancing Settler Well-being and Conservation: A Planning Dilemma for Ecuador’s Amazon.” The Association of Collegiate Schools of Planning (ACSP) Meeting, Ft. Lauderdale, FL, Nov 6-9, 1997
- “Settler Strategies, Stages, Income Composition and Land Use in the Ecuadorian Amazon” The XXth Congress of the Latin American Studies Association, Guadalajara, Mexico, April 17-19, 1997
- “Economic Well-being of Settlers in the Ecuadorian Amazon” (with F. Pichón and R. Bilsborrow). The XIXth Congress of the Latin American Studies Association, Washington DC, September 28-30, 1995
- “Women and the Environment: Conceptual Issues and Evidence from the Ecuadorian Amazon” (with R. Bilsborrow and K. Thapa). International Union for the Scientific Study of Population (IUSSP) Seminar on Women, Poverty and Demographic Change, Oaxaca, Mexico, 25-28 October, 1994. (Presented by R. Bilsborrow)

#### **Grants and Contracts Awarded**

- “IdeaGroups and SparkPlug Speakers”, an innovative initiative to generate courses, curriculum review, and campus networking around themes of women, development and social change. (Newcomb Foundation), \$4995, with Dr. Colin Crawford, Payson Center for International Development (School of Law)
- “Valuing Traditional Medicines: evaluating the importance of traditional medicines for households, health systems”. Research Consultant, Funded Proposal to the Rockefeller Foundation. PI: Mary Ann Burris, PhD of Trust for Indigenous Culture and Health (TICAH), Nairobi, Kenya.
- “Power is Knowledge: Field Trials of FreePlay Mobile Phone Chargers for Rural Africans” to Newcomb Foundation, Tulane University (\$2500) for pilot field work, outreach to test market-based solutions for household phone-charging and lighting.
- Research Enhancement Fund supplement to “Hybrid Technologies in the Era of HIV and AIDS: Hand-hoes and Mobile Phones in Rural Africa” (\$23,500, 2008-9)
- “Women and Technology in Rural Kenya” Newcomb Institute Award for faculty research on (\$1,496- for media and outreach to young women, 2007-8)
- “Hybrid Technologies in the Era of HIV and AIDS: Hand-hoes and Mobile Phones in Rural Africa”, funded by the National Science Foundation (NSF) Science and Society Program. Awarded up to \$105,000 for 21-month research project beginning September 2006 through May 2008.
- “Crops, Cellphones and T-Cells: Technology Change for Livelihood Security in Sub-Saharan Africa”. \$100,000 from the John D. and Catherine T. MacArthur Foundation. Co-investigator, with Paul Harvey, ODI, London.
- Co-investigator, “Agricultural Colonization in the Ecuadorian Amazon” UNC-Chapel Hill (1998-2000), NASA proposals, with Richard Bilsborrow, Stephen Walsh and others

### Grant Proposals (submitted or underway)

- **“Sustainable Mardi Gras: Throws to Keep”** December 2011 submission to the EPA People, Planet, Prosperity program for student-led research (2012/13). Collaborative project with local environmental non-profit (LA Bucket Brigade).
- **“The LifeCity Un/Report “** Community-based and desk-research with students on sustainability connections in Greater New Orleans with local partner, LifeCity, a social venture committed to catalyzing more sustainable New Orleans. Submitted December 2011 to Center for Public Service, Tulane (\$4000, 2012)
- **NIH Framework Grant.** Proposal for post-doctoral training for infectious disease research in Latin America, integrating social innovation and entrepreneurship, with Richard Oberhelman (PI) and others (submitted November 2011 to National Institutes of Health)
- In process: **“Self-Organization in Contemporary Livelihoods Systems: The Case of Mobile Phones and Faith-Based Groups in Rural Africa,”** proposal concept for submission to the National Science Foundation (NSF) Science and Society Program (with Erin Peacock).

### Academic Service

- Co-Chair with Ludovico Feoli of the “University Self-Study Review” for the Payson Center for International Development (2011), a year-long faculty committee charged with reviewing curriculum for undergraduate, MS, PhD programs, grants and administration for the Payson Center for International Development in Tulane’s Law School.
- Doctoral Program Committee, Global Health Systems and Development. Co-leader on review and overhaul of the doctoral program for a newly merged department (IHD + HSM =GHSD) (2010-2011). This involved new course development, program review and procedures.
- Doctoral Program Coordinator, Department of International Health and Development (2007-). Oversee application of revised departmental guidelines, admissions standards, comprehensive exams, mentoring of PhD students, doctoral seminars.
- Member, Teaching Award Review Committee, university-wide committee to review applications for Weiss and President’s Awards for teaching excellence at Tulane.
- Member, Stone Center for Latin American Studies, Executive Committee (elected by university-wide vote representing the SPHTM)
- Faculty Discussant for Latin American Studies Undergraduate Conference, December 2008
- Chair, Committee for Undergraduate and Graduate Student Programs, Latin American Studies (2007-2008)
- Member, Review Committee for JSI Dissertation Research Fellowship, IHD (since 2008), small fund to support doctoral student travel.
- Member, SPHTM Nominating Committee (2006-7).
- Member, IHD Committee: Practicum & Culminating Experience, IHD (2006)
- Member, “Katrina Fund Review Team”: special fund for small faculty research on post-Katrina New Orleans, for the Stone Center for Latin American Studies, 2006
- Member, SPHTM “Working Group on Health Disparities” (2005)
- Member, university-wide ex-officio representative of Neotropical Ecology Institute (NEI) to the “Executive Committee,” Stone Center for Latin American Studies, Tulane, since 2001.
- Chair/Member, Neotropical Ecology Institute, Tulane University (2001- present)
- Inter-departmental liaison, International Health and Development and Stone Center for Latin American Studies, Tulane University. 2001-Current.
- Faculty Sponsor, Latin American Graduate Organization (LAGO) Student Working Group for the New Orleans/Latin America Health Disparities Workshop, January 2005, held in New Orleans.
- Member, Curriculum Review Committee, Stone Center for Latin American Studies, 2004-5
- Member, Computer and Information Technology committee, International Health and Development, Tulane University, emphasis on website development and updates. 2003
- Organizer and chair, Population-Environment Panels, Population Association of America

- Annual Meeting, Atlanta, May 2002
- Chair, Latino-America Medio Ambiente (LAMA: Environment and Ecology) Section of the Latin American Studies Association (LASA), 2000/1
- Co-Director, university wide Neotropical Ecology Institute (since 2001), Stone Center for Latin American Studies, Tulane
- Environment Track Chair for the XXII Congress of Latin American Studies Association (LASA), Miami, 2000
- Co-organizer, "Poverty, Disasters and the Environment in Latin America: Focus on Central America." Workshop of the Neotropical Ecology Institute, Tulane University (April 10, 1999)
- Organizer, Panels on "Prospects for Human Settlements in the Amazon," XXI Congress of LASA, Chicago, 1998
- Co-organizer, UNC-Duke University Mini-Conference: Population Migration, Health and the Environment in Latin America, (November 14, 1992).

#### External Reviews

- Peer-review for journals including: *World Development*, *Economic Development and Cultural Change*, *Human Organization*, *Information Technology and International Development*
- Peer Reviewer, grant proposals for the National Science Foundation

#### Community Service (Kenya, US)

- 2011, Technical advisor on Changemaker proposal for **UniquEco**, a social venture based in Kenya involved in flip-flop recycling and job-creation.
- 2011, Advisor to **Louisiana Bucket Brigade's** "Earth Day Festival" special outreach panel on "Solutions to the 2010 Gulf Oil Spill: A Dynamic Systems Approach"
- 2007- present: Technical Advisor, Rural Advancement Committee (**RUCEBO**), a small community-based organization in Bungoma, Kenya
- 2005 – present: Secretary, Board of Directors, **SAIDIA** (USA), US Registered 501c3 non-profit working to support health and development in Samburu District, Kenya (from 2004).
- 2005 – present: Technical Advisor, "Action in the Community Environment" (**ACE-Africa**), a non-governmental organization working with AIDS-affected children and adults in Bungoma District, Kenya (from 2005-)

#### Academic Honors and Awards

- Appointed as the "Carnegie Corporation of New York Professor of Social Entrepreneurship" (2011-) an endowed faculty position to help build Tulane's university-wide program in Social Entrepreneurship and Innovation.
- Recipient of "President's Award for Excellence in Graduate and Professional School Teaching," Tulane University, 2008
- Recipient of Tulane SPHTM Dean's "Teaching Scholar" Award, 2008
- Nominee, ASPH/Pfizer Award for excellence in teaching in a school of public health
- Grantee, New Media Consortium Conference (a Tulane University Innovative Learning Center grant for participation in this technology-oriented conference, November 2007)
- Newcomb Institute Faculty Fellow (Tulane University), 2007- present
- Recipient "Promise in Research" Award from the SPHTM, Tulane, April 2006
- Grantee, "Tablet PC for Innovative Teaching," from Tulane's Innovative Learning Center: Received partial funding for HP Tablet PC to promote technology innovation in teaching at Tulane (2005)
- Grantee, Tulane's Innovative Learning Center Summer Laptop Institute (laptop and workshop to promote technology-based innovations in classroom teaching) (2003)
- Teaching Award from Tulane's Latin American Studies Graduate Student Association (2003)
- Grantee, Innovative Learning Center, Faculty Teaching Support (with Beth Fussell and Scott Frickel). Received funds for acquisition of videos for use in teaching (2002)

- Foreign Language and Area Study (FLAS) Fellowship (1996-7)
- Mellon Foundation grant for pre-dissertation fieldwork (Summer, 1995)
- Tinker Foundation pre-dissertation fieldwork grant (1994)
- FLAS Award for Foreign Language Study (1994)
- Foreign Language and Area Study (FLAS) Fellowship (1996-7)
- Pre-doctoral trainee, Carolina Population Center (CPC), UNC-Chapel Hill (1993-1998)

**Professional Memberships/Associations**

- Society for the Social Studies of Science (4S)
- Human Development and Capabilities Association (HDCA)
- Associate of Collegiate Schools of Planning (ACSP)
- American Association of Geographers (AAG)
- Latin American Studies Association (LASA), past Chair of Environment Section
- Population Association of America (PAA)
- Applied Anthropology Association

**Other Writings**

“The Big Queasy”, *The Times* of London, Nov 2005; pieces for the *Jakarta Times* (1983-6)

**Languages**

Spanish, Indonesian, Kiswahili, some French