

**Laura L. Murphy, PhD**

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**Areas of Interest**

- Technology and society in developing countries
- Population, environment, and development history and trends
- Production/consumption and sustainability transitions
- Critical Development Studies in Development Theory
- Social Impacts of AIDS in Sub-Saharan Africa
- Social Entrepreneurship and Social Innovation
- Human Centered Design/Design-Thinking for social and environmental impact

**Education**

Ph.D., 1998, University of North Carolina (UNC) at Chapel Hill, 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. Bilborrow, PhD.

Certificate in Latin American Studies from the UNC-Chapel Hill Institute for Latin American Studies (ILAS), 1998.

B.S., 1983, Stanford University, California, Mechanical Engineering

Honors in “Values, Technology and Society” (VTS, now “Science, Technology, and Society”) Stanford Semester-Abroad in Vienna, 1981.

**Academic Positions**

**Carnegie Corporation of New York Professor of Social Entrepreneurship (2011--)**. Appointed a rotating, endowed position to help design, develop, and deliver Tulane’s university-wide program in Social Innovation and Social Entrepreneurship (SISE), including a university-wide undergraduate minor and coordinate major in SI/SE, courses, co-curricular programs, grant proposal development, and other activities. Renewed for 2014-2-16. See [Tulane.edu/social-entrepreneurship](http://Tulane.edu/social-entrepreneurship).

**Clinical Associate Professor (since 2007), in Global Health Systems and Development** (formerly Department of International Health and Development), in the 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 courses on development, population, environment, research methods, and special topics. Advise masters’ theses and doctoral students across the university. Develop and direct interdisciplinary programs across the university. Serve on university-wide committees. Since 2007: Director of IHD Doctoral Program. Since 7/2011, lead the GHSD masters’ student (MPH) Concentration in Society, Behavior and Development (SBD). Also continue original scholarly research and writing on population-environment, the social construction of technology in rural Africa—changes in kitchen gardens, cellphone revolution, phone-charging

solutions). Run community-engaged research in New Orleans with LifeCity, Grow Dat Youth Farm, Louisiana Bucket Brigade (LABB) and others on sustainability and development.

**Adjunct Associate Professor, Payson Center for International Development**, since December 2010. Teach courses and advise students in the international development masters and doctoral program. Serve as director of the Payson doctoral program.

**Clinical Assistant Professor (2001-6), in the Department of International Health and Development, Tulane University**, New Orleans. Half-time (i.e., 50% FTE) from July 2001, full-time from December 2006. Affiliated with the Roger Thayer Stone Center for Latin American Studies for regular teaching and advising. Developed and taught graduate core course on development theory, population-environment theory, working with large-scale datasets, and seminars. Designed and led intensive graduate field courses on health and development in Kenya and Guatemala. Also, graduate student advising and university-wide committees. Developed independent research agenda on AIDS impacts in Africa and community-based technology change.

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

**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. Quantitative analysis of survey and spatial data to model land-use, demographic changes and survival strategies among peasant households. Also fieldwork and questionnaire design and testing for 1999 field survey of Amazon settler households. Funding from NASA and the Mellon Foundation funding. Principal Investigators: R. Bilsborrow 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**, half-time, 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**, full-time, 1988 - 1991. Administered US\$800,000 per year for community-based small projects and “women in development” activities of 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.

### **Short-term Consultancies**

**Trust for Indigenous Culture and Health (TICAH), based in Nairobi, Kenya, 2009 – 2010 (part-time).** Research Coordinator on the “Valuing Traditional Medicine” project led by TICAH, funded by the Rockefeller Foundation. Led comprehensive desk review, secondary data analysis, and innovative pilot fieldwork in urban slums (Viwandani, Nairobi) and rural Kenya (Siaya District). Used innovative methods including cellphone-based data collection methods, Google-Earth satellite images for sampling peri-urban households, and daily diaries for documenting 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 complexity and 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 (IHD) in the** School of Public Health and Tropical Medicine, Tulane University (March 2000 - 2001). On a consultancy basis with Hewlett Foundation funding, researched, designed and delivered syllabi for two innovative graduate courses on Population-Environment topics: 1) theory and case studies, and 2) Guatemala field course (explored sites, speakers, logistics, materials).

**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 carried out semi-structured interviews with Ecuadorian Amazon key informants: farmers, merchants, policy-makers and environmentalists. Also involved in analysis and writing up findings for the main author and PI, Richard Bilsborrow of UNC-Chapel Hill.

**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 overview report on 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 & Curriculum Development

Teaching, directing academic programs, and advising students have been primary duties as Clinical Associate Professor at Tulane. Over 14 years, I have developed, revamped, and taught nearly 20 different courses or workshops on development, population, environment, technology, research methods/approaches, and design thinking, or human-centered design (HCD).

I teach in different units at Tulane including graduate programs in (formerly) International Health & Development (IHD), Global Health Systems and Development (GHSD), the Stone Center for Latin American Studies (LAS), the Payson Center for International Development, the undergraduate and graduate programs at the Payson Center, the Newcomb Honors program, and the university-wide Social Innovation and Social Entrepreneurship (SISE) program.

### Curriculum Development

- “Social innovation and Social Entrepreneurship” (SISE) coordinate minor and major for Tulane undergraduates. Contributed to program vision, objectives, structure. Develop design-thinking core course taught spring 2013 (with Byron Mouton), fall 2013 (with Barbara Hayley), spring 2014.
- Doctoral program(s) in (new) Global Health Systems & Development (GHSD) in the School of Public Health. Helped in transition to merged department doctoral program, and contributed to redesign and curriculum review process for PhD program (2010-12).
- Payson Center Faculty Review Process (2011): collaborated with university-wide faculty team to review existing curriculum in international development; envisioning of undergraduate and graduate programs aiming to renew international development curriculum.

### Regular courses now offered in GHSD

- *Development Theory (formerly INHL 720, now GHSD 7200)*. Graduate 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 thinking/dynamic systems. Offered annually since 2000.
- *Population-Environment Theory and Evidence (formerly INHL 685, now GHSD 6850)*. Graduate course on environmental issues, climate change, urbanization, food security, industrial ecology, and international community-based population, health and environment programs. Annual, since 2001.

**Other Teaching:** courses designed and taught since 1995

For the **Payson Center for International Development** (IDEV call number)

- *Introduction to Research* (IDEV 6120), spring 2012, for graduate students in international development. Resigned it as an engaged, scholarly, and interdisciplinary introduction to the craft of research for addressing human development in an international context. Survey of 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; concepts of poverty; how ideas, technologies, and values infuse our thinking about foreign aid, conventional and innovative solutions to poverty and inequality.
- *Rethinking Development: Taking Stock, Challenging Myths, and Seeking Inspiration*. (IDEV 691-02) Designed and taught advanced graduate seminar for the Payson Center, spring 2011 covering debates and new ideas in development: “do-it-yourself” development, social business, entrepreneurship, dynamic systems, and capabilities, complex adaptive systems.
- *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, ICT4D* (IDEV 410). Updated and refreshed one core course for undergraduate coordinate majors in International development, with Alex Priebe and Gloria Toro.
  - *Information Communication Technology for International Development* (IDEV 660). Lead faculty for doctoral students taking core course (with A. Priebe and G. Toro).

For Tulane’s **Stone Center for Latin American Studies**

- *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.
- *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)

**For the Department of International Health and Development, School of Public Health**

- *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/year, 2007-2011
- *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.
- *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.

Other teaching (pre-1999)

- *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 courses, intensive workshops, and student-led learning

- *The Fast 48*: a weekend intensive boot camp and immersion experience in design thinking and social innovation for graduate students from health, development, business, law and local social venture professionals. I developed this and offered it with local facilitators/coaches from Tulane SISE program (Maille Faughnan, Jordan Stewart) and Amy Vreeland (TrueSchool)
  - *Fast 48 I* held September 6-8 at Grow Dat Youth Farm, City Park, New Orleans.
  - *Fast 48 II* at Propeller: a force for social innovation, January 17-19, 2014.
- *Field Research Methods for the Social Sciences*: One-day, non-credit, interactive workshop for graduate students in interdisciplinary programs in Latin American Studies, Public Health and International Development to engage with research design and methods in an informal, non-classroom setting. Annual, fall, since 2006.
- *Prospectus-Writing Workshop*, internet-based dissertation proposal-writing seminar for IHD doctoral students that I developed and first offered summer 2008, now 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 (selected)**

- "Social innovation in global health and development: what's new?" For Program design and implementation, MPH core course, February 2014.
- "Design thinking for social impact" refresher, for SISE 6010 senior practicum, January 2014
- "How Disciplines Think: Applied Social Sciences and Public Health" two class lectures and guided discussion for a Newcomb Scholars Undergraduate Colloquium Course, fall 2012.
- "Social entrepreneurship in international development" guest lecture for undergraduate survey course, IDEV 1010, spring 2012
- "Case study of cellphones in a village," guest lecture 2/22, for ICT4D course, spring 2012 (instructor: Jessica Ports)
- "Cell Phones and Disruptive Innovations". Guest Lecture for Peter Scharf's SPHTM undergraduate course in intentional change, spring 2012
- "Social Entrepreneurship in Development" for undergraduate IDEV course on Gender and Development, fall 2011 (Instructor, Meredith Dudley)

- “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

- Chair of Doctoral Committee (current):
  - Erin Peacock, International Health and Development (IHD/GHSD),
  - Joshua Schoop, Alex Priebe, Jessica Ports, Maille Faughnan (Payson Center for International Development)
- Committee member for current doctoral students: Jordan Stewart (CCC)
- Graduated PhDs
  - Served as Chair or co-chair of committee for: Adenike Onagaruwa (IHD/GHSD), Nami Kurimoto (IHD, 2011), Brian Luckett (IHD, PhD 2010), Maureen Long (CLAS, 2008)
  - Committee member for: Katie Maloney (2011), Holly Scheib (2010), Megan Littrell (2009)
- Supervisor, MPH Practicum and Public Health Analysis: Liz Keenan, Joann Lee, Emilia Myers, Mary Rennells (2011), Carmen Springer (2011), Cate Irvin (2010), Betsy Charron (2010) and others
- Chair for MA Thesis in Latin American Studies: Scarlett Andrews, Kristen Evans (Latin Am Studies, 2011 graduate), Will Faulkner (Latin Am Studies, 2012), Elliot Powell (2013-4)
- Member, MA theses: John Ben Soileau, Latin American Studies (2011)

### Independent Studies (IS)

- I have supervised many independent studies for students of all levels across the university on diverse topics: research approaches, urban agriculture, population and environment, development theory, critical social theory, information communication and technologies, design thinking, and social innovation.

## Publications

### Peer-Reviewed Publications

- “Global and Local Dynamics of REDD in Forest Communities: A Case Study from Peru’s Amazon”, 2013, special volume of *Environmental Science and Policy*, with Kristen Evans (lead) and Wil de Jong.
- Susan Wyche and **Laura Murphy**, 2013 “Human Power for the Human-Computer Ecosystem at the Base of the Pyramid: Insights from Dynamo Field Trials in Kenya” *Computer-Human*

- Interactions (CHI) 2013 Papers and Notes (Refereed)
- Susan Wyche and **Laura Murphy**, 2012 “Dead China-Make” Phones Off the Grid: Investigating and Designing for Mobile Phone Use in Rural Africa. (peer-reviewed) Proceedings of the *DIS 2012*, June 11-15, 2012, Newcastle, UK.
  - “Grandmother Care-Givers in Malawi: Balancing Blessings and Burden of Foster Care in the Age of HIV/AIDS”, the *Journal of Cross-cultural Gerontology*, with Megan Littrell (lead) and Kate Macintyre (2012)
  - Diana Hummel, Susana Adamo, Alex de Sherbinin, **Laura Murphy**, Rimjhim Aggarwal, Leo Zulu, Jianguo Liu & Kyle Knight. 2012. "Inter- and trans-disciplinary approaches to population–environment research for sustainability aims: a review and appraisal." In the *Journal of Population and Environment*, 30 May 2012.
  - **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

- "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 Luckett (lead) and Diego Rose.
- “Social Shaping of Technology: Insights from AIDS-affected Rural Africa” sole-authored manuscript under revision.
- “No Plough, No Bull, No Donkey: AIDS, Poverty, and Technology Change in Rural Western Kenya” sole-authored manuscript under revision.

#### Research Working Papers and Reports

- “What’s new in global social innovations?” Manuscript in progress.
- “Power is Knowledge” Interim report, 2011. Based on demonstrations and field trials of solar and hand-crank phone-charging products in Kenya. (Newcomb funding)
- “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 of Research**

- “Power is Knowledge” field workshops, Kakichuma Village, Bungoma, Kenya and ACE-Africa office, 2009
- “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

- “Design thinking for Social Impact” Panel and town hall, Ashoka U Exchange, February 21-23, 2014, Providence, RI (Brown U.)
- Campus Curricular and Cultural Change workshop, Ashoka U Exchange, 2014, invited speaker to represent Tulane University’s social innovation program and curricular lessons.
- “Social Innovations in global health and development: What’s new?” Invited faculty seminar, Global Health Systems and Development, December 6, 2013
- Ashoka U Exchange, “Campus Change Academy” invited speaker for panel on building academic programs in social innovation. February, 2013, San Diego, CA
- Ideagroups, Social Innovations luncheon. Specially curated conversations, for the Newcomb College Institute and Payson Center, fall 2012 and spring, 2013, New Orleans
- “Design Conversations,” an original TEDxTU talk, October 25, 2012, Dixon Hall, Tulane campus. <http://www.youtube.com/watch?v=M6cy2OONGns>
- “Three Ways to Charge your Cellphone in Off-Grid Rural Africa and Post-Isaac New Orleans”. Presentation and lecture at Technology Day, Tulane University, September 2012
- Workshop on “Future of Social Entrepreneurship in East Africa”, June 21, 2012, Nairobi, Kenya. Hosted by the Acumen Fund. Invited participant.
- “Tulane’s Social Innovation and Social Entrepreneurship Undergraduate Minor”: invited presentation for a preview session on majors, minors and curriculum for the Ashoka U *Exchange* event, February 10, 2012, ASU, Tempe, AZ
- “Social Innovation for Sustainable New Orleans: Two models for Greening the City”. Presentation on the SISE program and faculty research at the Newcomb College Institute “Women’s Faculty Research Day”, Tulane University, February 3 2012 (co-panelists Nghana Lewis and Carol Whelan).
- “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, Nov 2010
- “Insights from Rural Kenya on Development and Technological Change,” Presentation at Payson Center for International Development Friday Colloquium, October 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 funding

### Grants and Contracts Awarded

- Hewlett Foundation for a “strategy evaluation” examining their application of design thinking (DT) and behavioral economics (BE) to improve reproductive health outcomes in sub-Saharan Africa. Co-Principal Investigator with Paul Hutchinson. \$199,975. May 2014- Jan 2016, for 21 month project.
- *RightSights*, \$5000 grant from Ashoka U and Photowings *InSights* Project for a campus- based photography education and documentation project working with social innovation design-

thinking students and community partner (Junebug Productions). Fall 2013.

- “NIH Framework Grant for innovative post-doctoral training”. Program for infectious disease researchers in Latin America, integrating social innovation, design-thinking, and entrepreneurial approaches into scientific researcher training platform for post-doctoral researchers from Latin America. Co-Principle Investigator with Richard Oberhelman (PI). I am involved in training on social innovation themes for 9% full-time equivalent for 2012-2014.
- “Women Social Entrepreneurs and their Social Innovations in New Orleans: Documenting Feminist-Inspired Catalysts for Collective Impact,” for student-engaged applied research with women in New Orleans. Awarded \$1600 from Newcomb College Center for Research on Women (NCCROW), Tulane.
- “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. Awarded \$4000 in January 2012 to Center for Public Service, Tulane.
- “IdeaGroups and SparkPlug Speakers,” an innovative, non-hierarchical campus-based initiative to generate conversations and networks on themes of women, development and social change. (Awarded \$4995 from the Newcomb Foundation at Tulane. With Dr. Colin Crawford, Payson Center for International Development, School of Law, Tulane.
- “Valuing Traditional Medicines: evaluating the importance of traditional medicines for households and health systems”. Research Consultant on a 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 of note--developed and submitted**

- “Tulane Innovation Exchange”, concept note submitted to the USAID Higher education

solutions network (HESN) for innovative development network, March 2012, accepted 6/12 for full application

- “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).

## Academic Service

- JSI doctoral scholarship committee, GHSD
- Stone Center for Latin American Studies graduate admissions committee, 2014.
- “Chair Search” Committee, Stone Center Chair in Latin American Public Health (joint position in public health and Roger Thayer Stone Center for Latin American Studies). 2011-2012
- Co-Chair with Ludovico Feoli on 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)

- 2013-, Co-working member, coach. **Propeller: A force for social innovation**. New Orleans
- 2012-, advisor to **Rafiki wa Maendeleo**, community development organization in Rarieda District, Kenya
- 2012-, Advisor on sustainable livelihoods and developmental evaluation for **Grow Dat Youth Farm**, a youth leadership program and urban farm in New Orleans
- 2011-, advisor on engaged research projects with **LifeCity**, a New Orleans social venture promoting a sustainable impact economy
- 2011- Technical advisor on Changemaker platform proposal for **UniquEco**, a social venture based in Kenya involved in flip-flop recycling and job-creation. (Rebranded as the Flip Flop Company)
- 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- 2012: Technical Advisor, Rural Advancement Committee (**RUCEBO**), a small community-based organization in Bungoma, Kenya
- 2005 – current: Secretary, Board of Directors, **SAIDIA** (USA), US Registered 501c3 non-profit working to support health and development in Samburu District, Kenya (from 2004).
- 2005 – 2010: 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

- Nominated by Latin American Graduate Student Organization (LAGO) for Outstanding Faculty Award, 2014
- Renewed for 2014-2016, “Carnegie Corporation of New York Professor of Social Entrepreneurship”. Continuing to develop Tulane’s social innovation program at the undergraduate and graduate level through teaching and scholarship.
- Appointed as the “Carnegie Corporation of New York Professor of Social Entrepreneurship” (2011-) a rotating endowed faculty position as part of a team to establish Tulane’s university-wide minor/major in Social Innovation and Social Entrepreneurship (SISE).
- Received the university “President’s Award for Excellence in Graduate and Professional School Teaching,” Tulane University, 2008
- Recipient of Tulane School of Public Health and Tropical Medicine (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, Spanish (1996-7)
  - Mellon Foundation grant for pre-dissertation fieldwork in Ecuador (Summer, 1995)
  - Tinker Foundation pre-dissertation fieldwork grant in Ecuador (1994)
  - FLAS Award for Foreign Language Study (Spanish) (1994)
  - 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**

“River Road Resistance Cocktail” a visual story; “The Big Queasy”, *The Times* of London, Nov 2005; various pieces for the *Jakarta Times* (1983-6)

#### **Languages**

Spanish, Bahasa Indonesia, Kiswahili, some French