

**LISA M. CURRAN**

Serra Mall Bldg 50, 52K; Mail Code: 2034  
 Yang & Yamazaki Environment & Energy (Y2E2), 373  
 Stanford University, Stanford, CA 94305  
[lmcurran@stanford.edu](mailto:lmcurran@stanford.edu); Cell: 203-606-4513.

*Updated 6 August 2016*

**EDUCATION**

1990 – 1994 Ph.D., Ecology & Evolutionary Biology, Princeton University, Princeton, NJ  
 1979 – 1984 A.B., Anthropology, with honors, Harvard University, Cambridge, MA

**RESEARCH INTERESTS**

Socio-ecological dynamics of tropical ecosystems; Political ecology of tropical land use and rural agrarian livelihoods; Environmental justice; and, Policies and practices of industrial logging, plantations, and mining

Indonesian long-term field projects: 1) Logging, oil palm plantations, & rural agrarian livelihood; 2) Ecological dynamics, fires, & carbon emissions in tropical forests and peatlands; 3) Protected area management & deforestation; 4) Reduced Emissions from Deforestation and forest Degradation (REDD), national/regional policies, & land use; 5) Land use, hydrology, & livelihoods; and, 6) Oil palm mills, mining, rural livelihoods, & greenhouse gas emissions.

**PROFESSIONAL EXPERIENCE**

## Academic Appointments

2009 – Roger & Cynthia Lang Professor of Environmental Anthropology, Dept. of Anthropology  
 Stanford University, Stanford, CA

2009 – Senior Fellow, Woods Institute of the Environment, Stanford University, Stanford, CA

2001 – 2009 Professor of Tropical Resource Science, Associate Professor, (2001-2005)  
 School of Forestry & Environmental Studies, Yale University, New Haven, CT

2001 – 2009 John Musser Director, Tropical Resources Institute, Yale University, New Haven, CT  
 Responsibilities included: 1) Raised >\$6.4M in financial support from 2001-2009; 2) managed an interdisciplinary small grants program (~30-35 students per year from ~\$2M endowment); 3) Coordinated annual student-led international conference; 4) Produced annual publication/bulletins/reports of institute's activities and student research (disseminated to ~5,000 global affiliates & developed new website); 5) Designed topical thematic workshops & hosting seminar series; and, 6) Facilitated ~300 graduate students in the development of their interdisciplinary research projects conducted in ~60 countries.

1996 – 2001 Assistant Professor of Ecological Sustainability, School of Natural Resources & Environment &  
 Department of Biology, University of Michigan, Ann Arbor, MI

1994 – 1996 Mercer Post-doctoral Fellow, Organismal & Evolutionary Biology & Grey Herbarium/Arnold  
 Arboretum, Harvard University, Cambridge, MA

## Visiting Fellowships &amp; External Faculty

2003 – 2012 External Faculty, Santa Fe Institute, Santa Fe, NM  
 2009 Visiting Research Scholar, Environmental Change, Vulnerability & Governance Program,

2006 East West Center, Honolulu, HI  
 Marie Tharp Faculty Fellow, Lamont Doherty/Earth Institute, Columbia University, NY

### AWARDS & FELLOWSHIPS

2007-2012 John D. and Catherine T. MacArthur Foundation, MacArthur Fellow  
 2006 Columbia University, Marie Tharp Fellowship, Lamont Doherty/Earth Institute  
 2006 Fulbright Foundation, Faculty Research-Teaching Fellowship-Brazil (*declined*)  
 2006 Yale University, Honorary Master of Arts, *Privatim*  
 2004 Ecological Society of America, Aldo Leopold Leadership Fellow  
 2004 AAAS/NSF Women's International Science Collaboration (US-Brazil)  
 2001 University of Michigan, Henry Russel Award, Exceptional Scholarship & University Service  
 2001 University of Michigan, Lit, Sciences & Arts, Excellence in Research Award  
 2000 University of Michigan, Lit, Sciences & Arts, Dean's Meritorious Faculty  
 1998 University of Michigan, Lit, Sciences & Arts, Excellence in Education Award  
 1994-1996 Harvard University, Mercer Post-doctoral Fellowship  
 1990-1994 National Science Foundation, Graduate Fellowship  
 1989 Indonesian Institute of Sciences, Recognition of Service in Scientific Training  
 1986-1988 Harvard University, Distinction for Excellence in Undergraduate Teaching: 4 awards  
 1982 Radcliffe College, President's Undergraduate Research Award  
 1982 Harvard University, Goelet Award, Department of Anthropology  
 1980-1984 Harvard University, Harvard College Scholarship  
 1980-1984 Harvard University, Elizabeth Cary Agassiz Certificate of Merit

### PROFESSIONAL SERVICE

2012-2020 American Association for Advancement of Science, Scientific Program Steering Committee (2-terms)  
 2016 NASA, Earth Systems, Carbon Dynamics across Managed Landscapes, Proposal Review Panel  
 2016 NASA-US Agency for International Development SERVIR, Technical Assessment Group for Land Cover and Land Use Change Mapping, and Monitoring products and services for the SERVIR regions  
 2016 National Academy of Sciences, NASA-US Agency for International Development SERVIR, Partnerships for Enhanced Engagement in Research (PEER): Land Use, Environmental Management, and Climate Change Resilience, Proposal Review Panel  
 2015 National Academy of Sciences, NASA-US Agency for International Development SERVIR, Partnerships for Enhanced Engagement in Research (PEER): Land, Use, Environmental Management, and Climate Change Resilience, Proposal Review Panel  
 2010- Intergovernmental Panel Biodiversity & Ecosystem Services, Science & Policy for People & Nature, United Nations Environmental Program (UNEP) with UNESCO, UNDP & FAO.  
 2006-2012 *Environmental Research Letters*, Editorial Board  
 2010-2012 National Center for Ecological Analysis & Synthesis, Scientific Advisory Board, Santa Barbara, CA  
 2010-2012 US Agency for International Development, Transforming Development through Science, Technology & Innovation, Invited Consortium Member, Washington, DC.  
 2007-2010 *Conservation & Society*, Editorial Board  
 2009-2010 NSF Sustainability Science Working Group, "Interdisciplinary Natural & Social Science", Washington, DC  
 2006-2009 NASA Socioeconomic Data & Applications Center, Center for International Environmental Science Information Network, Executive Board, NY  
 1999-2009 Tropical Forest Foundation, Executive Board & Member (1999-2003), International Consortium, DC  
 2006-2009 NASA Carbon Cycle and Ecosystems Management, Operations Working Group, Washington, DC  
 2007-2009 Poverty-Environmental Partnership, REDD Working Group Member  
 2004-2009 Forest Dialogue, Member, International Consortium, Washington, DC  
 2005-2008 NASA National Advisory Committee, Washington, DC  
 2005-2008 NASA Earth Science Advisory Board, Washington, DC

2005	NASA- Earth Sciences, Land Use & Land Cover Change Program, Grant Review Panelist, Washington, DC
2005	National Science Foundation, Biocomplexity Program, Grant Review Panelist, Washington, DC
1999-2005	Environmental Protection Agency, Science to Achieve Results (EPA-STAR) Graduate Fellowship Review Panels: 1) Zoology; 2) Forestry; 3) Terrestrial & Ecosystem Science; 4) Terrestrial Ecosystems, DC
2004-2005	<i>Millennium Ecosystem Assessment</i> , Tropical Resources & Ecosystem Assessment
2001-2004	Transparency International, Forest Integrity Network, Steering Committee, Corruption in Forestry
1997-2003	Organization for Tropical Studies, Board Member, Univ. of Michigan (1997-2001); Yale University (2001-3)
2002	NASA – Large-Scale Biosphere-Atmosphere Experiment in Amazôna, Grant Review Panelist, DC
1999	National Research Council, Board on Agriculture and Natural Resources, Committee on National Capacity in Forestry Research, Invited Participant & Contributor, Washington, DC
1998	Environmental Protection Agency, Science to Achieve Results (EPA-STAR), Ecological Indicators Program, Grant Review Panelist, Washington, DC

#### Consultancy & Advisory Positions

Aug – Oct 2016	Technical Assessment Group, Land Cover and Land Use Change Mapping and Monitoring Products within SERVIR regions, NASA-US Agency for International Development
Mar – May 2015	Expert Group, Forest Investment Program, Climate Investment Fund, The World Bank, Reviewed potential national REDD+ pilot countries with existing pilot countries, Washington, DC
Jun 2010 – Feb 2016	Senior External Advisor & Sponsor, Living Landscapes Indonesia (LLI), Women-led Indonesian non-governmental organization focusing on social-economic effects of land use change on agrarian communities. Pontianak, West Kalimantan, Indonesia.
Jan – Jun 2010	Expert Group, Forest Investment Program, Climate Investment Fund, The World Bank, Reviewed & recommended potential national REDD+ Pilots, Washington, DC
Dec 2007 – Mar 2008	Consultant, Sustainable Forest & Biodiversity Management: Avoiding Deforestation, Asian Development Bank & Global Environmental Facility, Evaluated 'community carbon' REDD projects, Indonesian pilot projects in Kalimantan, Aceh & West Papua as well as transnational conservation projects (e.g., WWF's "Heart of Borneo" & WWF-TNC-CI's "Coral Triangle")
Sep – Dec 2006	Consultant, Ecological & Economic Sustainability of Asia Pacific Resources International Holdings Limited (APRIL), Riau, West Sumatra, Indonesia. Private sector assessment of their pulp & paper industry, plantation holdings, land use and management practices.
Aug 2005 – Jan 2006	Consultant, Global Assessment of the \$125 M Critical Ecosystem Partnership Fund, The World Bank, Global Environmental Facility, John D. & Catherine T. MacArthur Foundation, Government of Japan & Conservation International (with Michael Wells & Seemin Quamin).
2002 – 2010	Senior External Advisor & Sponsor, SIMPUR DUA Forestry & Land Use Research Institute, Pontianak, West Kalimantan, Indonesia. Selected projects/reports include: <i>Land Use and Spatial Planning for Ketapang District, West Kalimantan (2002 &amp; 2006);</i> <i>Sungai Putri Peatlands: Above &amp; Below Ground Carbon Assessment, West Kalimantan (2005);</i> <i>West Kalimantan Landscape Assessment of High Conservation Value Forests (2006);</i> <i>Environmental Impact Assessment for PT. Agro Lestari Mandiri Oil Palm Plantation, Sinar Mas Group, W. Kalimantan (2006);</i> <i>Orangutan Distribution Survey for The Nature Conservancy (2009)</i>
1999 – 2003	Project Team Leader, West Kalimantan Land Use & Natural Resource Management. Co-sponsors: Indonesia's National Development Planning Agency (BAPPENAS), Regional Planning Agency (BAPPEDA-KALBAR), Regional Environmental Monitoring Agency (BAPPADALDA), & Universitas Tanjungpura (UNTAN); Coordination with USAID Natural Resources program, private sector and district governments.
Jul 2003	Consultant, President's Initiative on Illegal Logging, US Department of State & Bureau of Oceans & International Environmental and Scientific Affairs, Washington, DC
Mar 2001	Consultant, Regional Biodiversity Action Plan/Experts Consultation for Asia, Asian Development Bank, Manila, Philippines.
Oct 1997 – Feb 1998	Consultant, Forest Fires, Carbon-Offsets (Joint Implementation-Clean Development Mechanism) & Climate Change, US Agency for International Development, Government of Indonesia & International Resources Group. Jakarta & Kalimantan Indonesia
Jun – Sept 1997	Consultant, Forest Management Advisor for Industrial & Community Forestry,

	US Agency for International Development, Government of Indonesia & International Resources Group. Kalimantan, Jakarta, Indonesia
Jan – Jun 1996	Consultant, Forest Ecologist, Government of Indonesia & World Wide Fund for Nature (WWF-Indonesia) in an International Timber Trade Organization funded project.
May – Aug 1995	Consultant, Biodiversity Team Leader for NGO/CBO Participation in Biodiversity Action Plan, Sri Lanka, Natural Resources and Environmental Policy Project, Ministry of Transport, Environment and Women's Affairs, Sri Lanka, US Agency for International Development & International Resources Group, Colombo, Sri Lanka
Feb 1995	Consultant, Indonesia Environmental Assessment - 10 year Strategic Plan for USAID-Asia Bureau, Forestry Unit & Biodiversity Conservation Unit, Center for International Development & Environment & World Resources Institute, Washington, DC
July – Dec 1992	Consultant, Special Forestry Advisor to the Bureau Chief of the Department of Natural Resources and the Environment, Central Agency for Indonesian National Development Planning Agency, (BAPPENAS), Natural Resource Management Project, International Timber Trade Organization, US Agency for International Development & Associates in Rural Development, Evaluated forestry sector practices and policies; conducted field studies in 18 timber concessions and several wood processing mills in West, Central & East Kalimantan; developed 12 policy memoranda for Bureau Chief, Kalimantan & Jakarta, Indonesia
Mar – Jun 1992	Consultant, Forest Sector Research Advisor, Indonesian Timber Conglomerates Natural Resource Management Project, Government of Indonesia, International Timber Trade Organization, US Agency for International Development, Associates in Rural Development, Kalimantan & Jakarta, Indonesia
Nov 1991 – Mar 1992	Consultant, Forestry Management & Conservation Advisor, Natural Resource Management Project, Government of Indonesia, International Timber Trade Organization, US Agency for International Development, Associates in Rural Development; Lived in three Kalimantan timber operations. Conducted ecological and economic evaluations of Indonesia's logging sector based on field assessments, interviews and surveys. Developed policy memoranda, Kalimantan & Jakarta, Indonesia
Jan 1985 – Nov 1991	Co-Director, Field Research & Training Program, Gunung Palung National Park, West Kalimantan, Indonesia. In 1985, established research site & ecological sampling program, trained local park managers, village staff, Indonesian & expatriate students. Conducted monitoring of plant phenology & regeneration with vertebrate foraging & abundance; Assisted in the designation from wildlife preserve to national park. Over 65 field months until 2002 when site closed to foreigners.

### RESEARCH GRANTS

Underlined = graduate student advisees or post doctoral fellow in Curran lab; \* = Indonesian collaborators

Submitted

NSF Geography and Spatial Sciences. PI: Curran, L.M. for Co-I Tony Marks-Block. *Yurok and Karuk Indian Prescribed Burns in Northwest California: Effects on Forest Dynamics and Indigenous Resource Use*

Awarded

2011-2015

NASA-Earth Sciences Land Use Land Cover Change, PI: Curran, L.M., J.H. Jones, A. Ponette-González, *Socio-economic and Political Drivers of Oil Palm Expansion in Indonesia: Effects on Rural Livelihoods, Carbon Emissions, and REDD*, \$899,929

2013-2014

Stanford Provost's Office, UPS Foundation Fund, PI: Curran, L.M., Co-I, J. Davis, R. Gildolf. *Farmers' Decision-making Behaviors surrounding Wastewater Reuse in Urban Centers in Uganda*, \$29,850

2012-2014

National Science Foundation, Coupled Human & Natural Systems PI: Bird, R.B., Co-I, L.M. Curran among several others. *Indigenous Fire Regimes, Land-Use Ecology, and Contemporary Livelihoods in Northern California*, \$249,949

2007-2013

National Science Foundation, Physics, Education & Interdisciplinary Research, PIs: West, G.B. & C. Wood (Santa Fe Institute of Science). *A Broad Research Program in the Sciences of Complexity*, \$4,250,000  
Curran, L.M. (SFI external faculty) contributor: *Modeling Robustness in Bornean Ecosystems*

- 2010-2011 Stanford University, Office Vice Provost Graduate Research, Strengthening the Core Academic Innovation Funds (SCORE) PI: Ardoin, N., L.M. Curran, R. Gould, R. Garrett, E. Lambin, L. Orlolano. *Navigating Interdisciplinary Waters*, \$10,000
- 2009-2010 Geo-Informatics and Space Technology Development Agency, Japan, PI: L.M. Curran with K. Carlson. *Using high-resolution THEOS Satellite Data to Measure the Effects of Oil Palm Plantation Development on Land Use/Land Cover and Carbon Stocks in West Kalimantan, Indonesia*. THEOS satellite imagery grant.
- 2009-2010 Geo-Informatics and Space Technology Development Agency, Japan, PI: Curran, L.M. & K. Young for A. Ponette-González. *Spatial Patterns of Tropical Montane Forest Cover across National Park Boundaries in the Northern Peruvian Andes*. THEOS satellite imagery grant
- 2008-2011 NASA Earth Science Graduate Fellowship, PI: Curran, L.M. for K. Carlson. *Regional Effects of Oil Palm on Land Use Change, Rural Livelihoods, and Ecosystem Services in Borneo*, ~\$120,000
- 2007-2011 Compton Foundation, Program in Environment, Peace, Population, Health and Sustainability (Africa & Latin America). PI: Curran, L.M. & A. Doolittle. \$150,000
- 2006-2011 Arcadia Fund (The Lisbet Rausing Charitable Fund), PIs: M. Ashton & L.M. Curran *Environmental Leadership & Training Initiative (ELTI) for Conservation in Tropical Asia & Latin America*, \$4,832,527
- 2006-2011 Gordon & Betty Moore Foundation, PI: Brewer, G., & Co-I L.M. Curran, *Environmental Leadership for the Amazon*, Yale University joint MBA/Msc. program: School of Management & School of Forestry & Environmental Studies, \$1,500,000
- 2006-2009 J.S. McDonnell Foundation, PI: Jen, E., Santa Fe Institute, *Social Robustness Program*, Subaward PI: Curran, L.M. (SFI & Yale) with G.P. Asner (Carnegie Institute). *SIMBORNEO: Modeling Robustness of Socio-ecological Systems of Borneo: Emergence and persistence of structure through the interaction of cultural, socioeconomic, and ecological dynamics*, Subaward: \$498,000
- 2006-2009 NASA Goddard Graduate Science Research Program, PI: Curran, L.M. for A. Ponette-González. *Land Cover Effects on Water Fluxes and Atmospheric Deposition across a Mexican Tropical Montane Landscape*, ~ \$120,000
- 2004-2009 National Science Foundation, Coupled Human and Natural Systems, PI: Nepstad, D., Co-I: G. Amacher, L.M. Curran, R. Kaufmann, R. Houghton. *Feedbacks among Forestry, Agriculture and Fire across the Amazon Basin*, \$1,997,287
- 2005-2008 NASA, PI: Curran, L.M., Co-I: S. Trigg, D.C. Nepstad, R.A. Houghton. *Effects of Logging, Plantation Conversion, Biomass Burning, and Regrowth on Carbon Dynamics in Bornean Peat and Dipterocarp Forests: Implications for the Global Carbon Cycle*, \$669,123
- 2005-2008 NASA, PI: DeFries, R., Co-I: S. Trigg, G.J. Collatz, D. Morton, L.M. Curran, L. Giglio, G. van der Werf, J. Randerson. *Reducing Uncertainties of Carbon Emissions from Land Use-Related Fires in Humid Tropics: Indonesian Borneo and Amazonian Brazil*, \$669,525
- 2006-2007 National Science Foundation, Doctoral Improvement Grant, PIs: Weathers, K., L.M. Curran, co-advisors for A. Ponette González. *Land Cover Effects on Water Fluxes and Atmospheric Deposition across a Mexican Tropical Montane Landscape*, \$12,000
- 2006-2007 Yale Interdisciplinary Research Program: Esty, D., B. Cashore, L.M. Curran, R. Repetto. *Environmental Governance: The Search for Best Practices*, \$24,000
- 2004-2007 Compton Foundation, PI: Curran, L.M. & A. Doolittle. Program in Environment, Peace, Population, Health and Sustainability (Africa & Latin America), \$150,000
- 2004-2006 International Center for Research in Agroforestry, PI: L.M. Curran & A. Doolittle. *Agroforestry in Landscape Mosaics (ALAM) partnership*, \$20,000
- 2001-2005 NASA, Earth Science Program, PI: Curran, L.M., K. Bergen, E. Kasischke. *Influence of Humans, Climate and Fire on Forest Ecosystems & Carbon Dynamics in Kalimantan, Indonesia*, \$746,000
- 2003-2005 Gordon and Betty Moore Foundation, PI: Nepstad, D., Woods Hole Research Center lead institution, Member of ten institution interdisciplinary consortium, *Amazon Scenarios*.
- 2001-2005 International Center for Research in Agroforestry, PI: L.M. Curran & A. Doolittle. *Agroforestry Fellowships for Africa*, \$125,000
- 2004-2005 Santa Fe Institute, University of São Paulo, Brazil. *Cycles of Social and Environmental Complexity in Lowland Latin America* (co-organizer with J. Stephen Lansing, George Gummerman), \$58,000
- 2002-2004 NASA, PIs: Hansen, A., R. DeFries, L.M. Curran, W. Turner, J. Liu, E. Moran. *Land Use Change around Protected Areas in Land Cover Land Use Change Sites: Synthesis of Rates, Consequences for Biodiversity*

- and Monitoring Strategies, \$610,000
- 2003-2004 Yale Class of 1980, PI: Curran, L.M. & A. Doolittle. *Video Editing Center for Interdisciplinary Tropical Research*, supporting projects by graduate students, \$8,500
- 2003-2004 Larry & Margaret King Distinguished Lecture Series, PI: Curran, L.M. & A. Doolittle. *Globalization & the Environment: International Agendas and Local Responses*, \$10,000
- 2003-2004 COOP-Nafsa US State Department, PI: Curran, L.M. & A. Doolittle. *Social Science Research Methods and Ethics in the Field*, \$2000
- 2004 AAAS/NSF Women's International Science Collaboration PI: Curran, L.M. & C. Azevedos-Ramos (Brazil). *Linkages in the Landscape: Assessing the Effects of Land-use Change on Vertebrate Population Dynamics in the Brazilian Amazon*, \$4000
- 2002-2004 NASA Earth Science, Graduate Fellowship, PI: Curran, L.M., for K. Peay, *Effects of ENSO and Drought on Resilience of Bornean Dipterocarp Forests*, \$78,000
- 2002-2004 Leverhulme Trust, UK. Milner-Gulland, E J., M. Keeling with L.M. Curran. *Modeling effects of spatio-temporal habitat change on nomadic species (Sus barbatus barbatus) in Borneo*, £109,004
- 2002-2003 National Science Foundation, Biocomplexity: Dynamics of Coupled Natural and Human Systems with Packard Foundation & Santa Fe Institute, PI: Lansing, S., L.M. Curran, T. Park, M. Steiner. *Robustness of Coupled Natural & Human Systems: Archeologists, Anthropologists, Ecologists, Engineers & Political Scientists*, \$136,000
- 2003 Yale Center for the Study of Globalization & International Area Studies. PI: Curran, L.M. & A. Doolittle, *Globalization & the Environment: International Agendas and Local Responses*, \$25,000
- 2003 Yale Center for the Study of Globalization, PI: Curran, L.M. *World Parks Congress: Social Involvement & Educational Outreach*, \$8,000
- 2001-2002 Conservation, Food & Health Foundation, PI: Curran, L.M. with E. Blumer, I. Caniago\*, D. Astiani, C. O'Connor. *Bornean Bearded Pig (Sus barbatus barbatus) Population Ecology and Dayak Hunting Practices across a Logging Concession and Bukit Baka National Park in Kalimantan: Implications for local community livelihoods and equitable resource management*, \$23,000
- 2001-2002 Indonesian National Development Planning Agency (BAPPENAS) and World Bank-Indonesia, PI: Curran, L.M. with I. Zulkarnain\* and H. Haeruman\*. *Socio-economic, Political and Governance Issues surrounding the Forestry Sector: Regional Autonomy, Natural Resource Management & Rural Livelihoods*, \$140,000
- 2000-2001 University of Michigan, International Institute, PI: Curran, L.M. *International Natural Resource Partnerships & Exchange: Enhancing Local Institutional Capacity in Kalimantan, Indonesia*, \$25,000
- 2000-2001 University of Michigan, LS&A, PI: Curran, L.M. *Interdisciplinary Course Speaker Series for Anthropology and Ecology: Exploring Sustainable Development*, \$3,500
- 1999-2003 Environmental Protection Agency, Science to Achieve Results, PI: Curran, L.M. advisor for D. DeJoode, *Succession in managed forests: FSC certified timber harvesting and biodiversity conservation on the Menominee Indian Reservation*, \$102,000
- 1999-2001 National Center for Ecological Analyses, PIs: Sork, V., D. Kelly & A. Leibold (co-PI among 6 others). *Evolutionary Causes & Consequences of Mast-Fruiting in Plants*, \$120,000
- 1999-2000 University of Michigan, International Institute, co-PI: Curran, L.M. *International Partnerships Program, South African Initiative*, University of Cape Town, South Africa, \$30,000.
- 1998-1999 University of Michigan, LS&A, PI: Curran, L.M. *Interdisciplinary Course Development & Community Outreach to Menominee Indian Nation College, Sustainable Development Degree Program*, \$6,600
- 1998-1999 University of Michigan, Dean for Undergraduate Education, PI: Curran, L. M. *Teaching with Technology Grants*, \$2000
- 1998-1999 Charles A. and Anne Morrow Lindbergh Foundation, PI: Curran, L.M. with D. DeJoode *Succession in managed forests: Certified timber harvesting on the Menominee Indian Reservation*, \$10,580
- 1998-1999 The Nature Conservancy & Programme for Belize, PI: Curran, L.M. *Rio Bravo Carbon Sequestration Pilot Project: Case Study in Joint Implementation/Clean Development Mechanism Projects*, \$8,250  
E. Firstenberg, K. Rodgers, P.J. Saliterman (UM School of Business, Corporate Environmental Management Program & School of Natural Resources & Environment).
- 1998-1999 Center for Clean Air Policy, PI: Curran, L.M. *Global Climate Change Policy in Central & Eastern Europe Transitional Economies: An Institutional Analysis*, \$2000

- G. Aistars, M. Boyd, K. Greiner, C. Harner, H. Lair, A. Morin (UM School of Business, Corporate Environmental Management Program, Center Russian & Eastern European Studies & School of Natural Resources & Environment)
- 1998 University of Michigan, Office of the Vice President for Research, PI: Curran, L.M. *Tropical Ecosystems: Global Resource & Management Issues: Linking Disciplines (Biology & Anthropology) & Professional Schools (SNRE, Business, & Law)*, \$10,000
- 1997 University of Michigan, International Institute, PI: Curran, L.M. *Interdisciplinary Tropical Studies*, \$25,000
- 1996-1999 Environmental Protection Agency, Science to Achieve Results, Graduate Fellowship, PI: Curran, L.M. advisor for A. McEuen, *Seed availability & woody plant distributions in a fragmented hardwood forest-agricultural landscape: Evaluation of a recruitment limitation hypothesis*. \$100,000
- 1996-1999 International Timber Trade Organization (Project 26/93 Rev.1F) with Indonesian Parks and Conservation awarded to WWF-Indonesia. *Development of Bentung Kerihun Nature Reserve as a Transboundary National Park Phase I.*, \$1,309,272
- 1995 Harvard University, Arnold Arboretum, PI: Curran, L.M. *Dipterocarp Forests of Thailand*, \$2,850
- 1991-1992 USAID/WRI/ WWF/TNC Biodiversity Support Program, PI: Curran, L.M. *Effects of Selective Logging on Dipterocarp Forest Regeneration & Dipterocarp Seed Predators in Kalimantan*, \$13,970
- 1991-1992 W. Alton-Jones Foundation, PI: Curran, L.M. *Developing Indonesian Scientific Leadership in Rainforest Conservation and Ecology*, \$16,000
- 1991-1992 Conservation International, Asia Program, PI: Curran, L.M. *Reproductive Ecology of Mast-fruiting in Bornean Dipterocarpaceae: Implications for Vertebrate Seed Predators*, \$8,000
- 1989, 1991 Sigma Xi, Grant-in-Aid of Research, \$1100
- 1990 WWF-US, PI: Curran, L.M. *Vertebrate Responses to Mast-Fruiting Dipterocarpaceae*, \$3,500
- 1989-1990 Wildlife Conservation International, PI: Curran, L.M. *Developing Indonesian Scientific Leadership in Rainforest Conservation and Ecology*, \$7,000
- 1989 UNESCO-Man in the Biosphere, Indonesia. *Tropical Forest Ecology & Management*, \$3,500
- 1985 Explorer's Club, Grant-In-Aid of Research, \$1200

## PUBLICATIONS

### Journal Articles

           underlined = graduate student advisees or post doctoral fellow in Curran lab, \* = Indonesian collaborators

### Manuscripts

- Curran, L.M., D. Ratnasari,\* K.M. Carlson, A.M. Pittman, P. Ruspita,\* N. Lisnawati,\* Y. Purwanto.\* *ms.* Effects of oil palm plantations on rural agrarian livelihoods from 1990-2015: Land, labor, and food security.
- Curran, L.M., D. Astiani, D. Ratnasari,\* Mujiman,\* P. Ruspita,\* N. Lisnawati,\* Y. Purwanto,\* A.M. Pittman, A.G. Ponette-González. *ms.* Bornean peat forest dynamics and carbon budgets from 2005-2015: Effects of ENSO, peat depth, and land use on net primary productivity. *Global Change Biology*
- Astiani, D., L.M. Curran, D. Ratnasari,\* Mujiman,\* A.M. Pittman, A.G. Ponette-González. *ms.* Peat soil CO<sub>2</sub> respiration along land use change gradient in West Kalimantan, Indonesia. *Soil Biology & Biochemistry*.
- Gilsdorf, R., L.M. Curran, J. Davis. *ms.* Wastewater and biosolid reuse by smallholder farmers in urban and peri-urban Uganda. *Agricultural Water & Management*

### Submitted

- Brooks, C.M., L.B. Crowder, L.M. Curran, R.B. Dunbar, D.G. Ainley, K.J. Dodds, K.M. Gjerde, U.R. Sumaila. *In review*, The decline of science-based management in the Antarctic: Conservation or compromise? *Science*

### Published

- Ponette-González, A.G., L.M. Curran, A.M. Pittman, K.M. Carlson, B. Steele, D. Ratnasari,\* D. Mujiman,\* K.C. Weathers. 2016. Biomass burning drives atmospheric nutrient redistribution within forested peatlands in Borneo. *Environmental Research Letters*, early online.
- Griffith, K.T., A.G. Ponette-González, L.M. Curran, K.C. Weathers. 2015. Assessing the influence of topography and canopy structure on Douglas-fir throughfall fluxes with LiDAR and field data in the Santa Cruz mountains. *Environmental Monitoring & Assessment*, 18:270 doi: 10.1007/s10661-015-4486-6.
- Carlson, K.M., L.M. Curran, A. Ponette-González, D. Ratnasari,\* P. Ruspita,\* N. Lisnawati,\* Y. Purwanto,\* K.A. Brauman, P.A. Raymond. 2015. Consistent results in stream hydrology across watersheds: A reply to Chew and Goh. *Journal of Geophysical Research, Biogeosciences* 120, doi:10.1002/2014JG002834.

- Ponette-González, A.G., K.A. Brauman, E. Marín-Spiotta, K.A. Farley, K.C. Weathers, K.R. Young, L.M. Curran. 2015. Effective monitoring of water services in tropical watersheds: From land cover to hydrological fluxes. *Ambio* 44:367-375.
- Carlson, K.M., L.M. Curran, A. Ponette-González, D. Ratnasari,\* P. Ruspita,\* N. Lisnawati,\* Y. Purwanto,\* K.A. Brauman, P.A. Raymond. 2014. Influence of watershed-climate interactions on stream temperature, sediment yield, and metabolism along a land use intensity gradient in Indonesian Borneo. *Journal of Geophysical Research, Biogeosciences* 119, doi: 10.1002/2013JG002516. [Journal cover image & featured article; Rank top ten papers published in journal re impact.]
- Meyfroidt, P., K.M. Carlson, M. Fagan, V. Gutierrez-Velez, M. Macedo, L.M. Curran, R. DeFries, G. Dyer, H. Gibbs, E. Lambin, D. Morton, V. Robiglio. 2014. Multiple pathways of commodity crop expansion in tropical forest landscapes. *Environmental Research Letters* 9, 074012 doi:10.1088/1748-9326/9/7/074012
- Carlson, K.M., L.M. Curran. 2013. Refined carbon accounting for oil palm agriculture: disentangling potential contributions of indirect emissions and smallholder farmers. *Carbon Management* 4:347-349.
- Balch, J.K., T.J. Massad, P.M. Brando, D.C. Nepstad, L.M. Curran. 2013. Effects of high frequency understory fires on early plant succession in southeastern Amazonian forests. *Philosophical Transactions of the Royal Society B. Biol. Sci.* 368, doi:1619 20120157.
- Pittman, A., K.M. Carlson, L.M. Curran, A. Ponette-González. 2013. NASA satellite data used to study the impact of oil palm expansion across Indonesian Borneo. *The Earth Observer* 25:12-16.
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#### Book Chapters

- Santilli, M., P. M. Moutino, S. Schwartzman, D. C. Nepstad, L.M. Curran, C. Nobre. 2005. Tropical deforestation and the Kyoto Protocol. pp. 47-52 In: *Tropical Deforestation and Climate Change*, eds. P. Moutino and S. Schwartzman, IPAM & Environmental Defense, Washington DC. 136 pp.
- Whitten, T., O. van Dijk, L.M. Curran, E. Meijaard, J. Supriatna, S. Ellis. 2005. Current State of Sundaland. pp. 162-176. In: *Hotspots Revisited: Earth's Biologically Richest and Most Endangered Terrestrial Ecoregions*. Eds. Mittermeier, R. et al. University of Chicago Press, Chicago.
- Curran, L.M., Leighton, M. 1991. Why Mast? The role of generalized insect and vertebrate seed predators on the reproductive biology of Dipterocarpaceae in the Gunung Palung Nature Reserve, West Kalimantan. pp. 541-548 in *Proceedings of the Fourth Round-table Conference on Dipterocarps, Bogor, Indonesia*, BIOTROP Special Publication No 41. Southeast Asian Regional Centre for Tropical Biology.

#### Technical Reports

- Expert Group, Forest Investment Partnership. 2015. *Report of the Expert Group to the FIP Subcommittee on the Assessment of Concept Notes from Existing FIP Pilot Countries*. Climate Investment Fund, World Bank, Washington, DC. 126 pp.
- Expert Group, Forest Investment Partnership. 2015. *Report of the Expert Group to the FIP Subcommittee on the Assessment of New Expressions of Interest to the FIP Program*. Climate Investment Funds, World Bank, Washington, DC. 50 pp.
- World Wide Fund for Nature. 2012. *Environmental Status of the Heart of Borneo*. Short Report, 12 pp.
- Expert Group, Forest Investment Partnership. 2010. *Recommendations for Additional Pilots under the Forest Investment Program*. Climate Investment Fund, The World Bank, Washington, DC, 66 pp.
- Expert Group, Forest Investment Partnership. 2010. *Recommendation for the Selection of REDD+ Pilots under the Forest Investment Program*. Climate Investment Fund, The World Bank, Washington, DC, 58 pp.
- Chan, K. M.A., L.M. Curran, P. Dasgupta, J.D. Farmer, A. Friedman, J. Jager, G. Morgan, S. Polasky, B. L. Turner II, M.G. Turner. 2010. *Human Well-Being and the Natural Environment* pp. 11-18. In: *Toward a Science of Sustainability*. Editors W. Clark & S. Levin, National Science Foundation, Washington, DC
- Wells, M., L.M. Curran, S. Quamin. 2006. *Global Assessment of the Critical Ecosystem Partnership Fund*. The World Bank, Global Environmental Facility, John D. and Catherine T. MacArthur Foundation, Government of Japan & Conservation International, 196 pp. and Annexes.
- Ashton, P.M.S., L.M. Curran, L. Irland, L. Kramme, A. Rafiastanto. 2006. *The Mosaic Plantation Concept: An assessment of the concept for plantation forestry in Indonesia and application by PT Riau Andalan Pulp and Paper (APRIL) in Riau Province, Sumatra*. APRIL, Indonesia. 122 pp.
- Barber, C.V., E. Mathews, D. Brown, T.H. Brown, L.M. Curran, C. Plume, E. Selig. 2002. *The State of the Forest: Indonesia*. Forest Watch International/ Global Forest Watch/World Resources Institute. 119 pp.  
Published in Bahasa Indonesia: *Keadaan Hutan Indonesia*. 131 pp.
- Asian Development Bank. 2001. co-author. *Asian Regional Biodiversity Action Plan*. 181 pp.
- Price, J.T., T.L. Root, K.R. Hall, G. Masters, L.M. Curran, W. Fraser, M. Hutchins, N. Myers. 2000. *Climate Change, Wildlife and Ecosystems*. Including supplemental information for the IPCC Working Group II. 79 pp.
- Curran L.M. 2000. El Niño-Southern Oscillation, Global Change and Tropical Forest Ecosystems of Indonesian Borneo: Complex Synergies with Direct and Indirect Consequences for Vertebrates: in International Panel on Climate Change Working Group II. *Effects of Climate Change on Wildlife*. Price, J.T., T.R. Root, K.R. Hall, G. Masters, L.M. Curran, W. Fraser, M. Hutchins, N. Myers.
- Curran, L.M. 1998. *Climate Change, Forest Fires and Carbon Emissions: Case studies of Joint Implementation – Clean Development Mechanism (CDM) in Tropical Countries*. Report to the Government of Indonesia and US Agency for International Development, Jakarta, Indonesia. 142 pp

- Curran, L.M. 1997. *Program for Industrial and Community-based Forestry 'Best Practices'*. USAID-EPIQ Natural Resource Management 2, US Agency for International Development, Jakarta, Indonesia. 93 pp.
- Curran, L.M. 1995. *Developing a Non-Governmental Organization Network to Support Planning and Implementation of the Sri Lankan Biodiversity Action Plan*. Natural Resources and Environmental Policy Project, US Agency for International Development, International Resources Group, Colombo, Sri Lanka. 332 pp.
- Curran, L.M. 1992. *Production Forest Management and Practice: Reviews of Selected Policy Issues with West Kalimantan Case Studies*. USAID-NRMP Report to the Bureau Chief of Natural Resources & the Environment, in The Indonesian Central Bureau of Land-Use Planning & Development. Contract #: 497-0362-C-00-1064-00. Jakarta, Indonesia. 175 pp.
- Curran, L.M., M. Kusneti\*. 1992. *Applied Research Recommendations for Production Forest Management: Based on a Preliminary Economic and Ecological Review of The Indonesian Selective Cutting and Replanting System (TPTI)*. US-Agency for International Development. Natural Resource Management Project, Technical Report # 7., Jakarta, Indonesia. 292 pp.
- Curran, L.M. 1992. *Survey Kenekaragaman Hiyati di Cagar Alam Bukit Baka untuk data Baseline dalam Rangka Penyusunan Recena Pengolaan*. Preliminary biodiversity rapid assessment survey designed for the establishment of the new National Park, Bukit Baka/Raya in West/Central Kalimantan, Indonesian Parks and Conservation Director, Ministry of Forestry & US-Agency for International Development. 20 pp.
- Leighton, M., L.M. Curran, D. Lawrence, C. Cannon. 1989. *UNESCO-MAB Manual on Tropical Forest Ecology, Management and Conservation: Research Problems & Methodologies*. UNESCO- Man in the Biosphere. Jakarta, Indonesia. 180 pp.

### SELECTED MEDIA & PUBLIC OUTREACH

**Television:** Showtime, ABC, CNN, Nightline, BBC, Australian News; **Radio:** National Public Radio (NPR), Talk of the Nation, The Story, WUNC, Science Fridays, The Nation (radio) among others; **Print & Online Media:** *The New York Times, The Wall Street Journal, Nature News, Science News, New Scientist, Forbes, Foreign Affairs, Bloomberg Business News, The Guardian, The Economist, Far East Asian Economic Review, The Washington Post, Christian Science Monitor, Time Magazine, Jakarta Globe, Ecobusiness Asia, Scientific American, Green Car Congress, International Council on Clean Transportation, Climate Wire, Greenwire: Energy & Environment* among several other websites.

**Special Cover Issue:** "Borneo's Moment of Truth." White, Mel. *National Geographic* (November 2008), 34-63.

Proposed, designed, supplied data, images and facilitated photojournalists and writer with site visits.

**Congressional Testimony:** U.S. Lacey Act, 2008 amendments of wildlife trade regulations to include illegal sourcing of timber and wood products, Environmental Protection Agency, carbon emissions, land use with life cycle analyses on Indonesian oil palm for biofuel regulations.

**Informal Advising:** TIAA-CREF Social Choice selections, several home development and specialty stores re "Ecofriendly" and "Green" wood products labeling & materials; development and design of Forest Stewardship Council (FSC) and forest certification program; California Air Resources Board re Climate Regulations for AB32 focus on international programs (primarily Indonesia) & REDD program design; International Monetary Fund re oil palm investments, Roundtable on Sustainable Palm Oil; Bunge and other investment banks re criteria for responsible business practices in purchasing and investing in agricultural products, timber, pulp & paper and biofuels (e.g., palm oil, soybeans, coffee), McKinsey & Company, Corporate Responsibility (i.e., Asian Pulp & Paper), Forest Law Enforcement & Governance (FLEG), Environmental Investigation Agency, Environment Defense Fund, Union of Concerned Scientists, Human Rights Watch, Global Witness, Ford Foundation, Meridian Consulting Group (Climate Works), Carbon Land Use Alliance (CLUA), Packard/Moore/Ford Foundations.

### INVITED SEMINARS

(1990-2009)

*Note: Unable to travel 2009-2016; numerous invitations*

- 2015 Plenary Speaker, South/Southeast Asia Research Initiative (SARI) NASA sponsored "International Conference on Land Use/Land Cover Change and Air Pollution in Asia", Bogor, Indonesia
- 2013 UC Santa Cruz, Science & Justice Research Center, Santa Cruz, CA
- 2011 NASA Plenary Speaker, Carbon Cycle & Ecosystems Joint Science Workshop, Alexandria, VA  
National Academy of Science, Keck Futures Initiative: Ecosystem Services, Irvine, CA

- 2009 American Association of Anthropology, Invited Symposium: “Quantitative Environmental Analyses in Environmental Anthropology”, Philadelphia, PA  
East-West Center, Honolulu, HI  
Moore Foundation and The Nature Conservancy “Mapping the World’s Degraded Lands”. Degraded Lands Workshop, Stanford, CA  
Stanford University, Department of Anthropology, Stanford, CA
- 2008 University of Wisconsin, Roy F. Weston Distinguished Global Sustainability Lecture Series, Madison, WI  
University of Wisconsin, Land Tenure Center Symposium on Pro-Poor Rewards for Ecosystem Services, Madison, WI  
NASA Science Program Meeting, Invited Workshop Coordinator & Presenter: “Social, Economic and Political Applications of NASA’s Research Program”, College Park, MD  
Santa Fe Institute, “Modeling Robustness in Coupled Human & Systems”, workshop Santa Fe, NM.  
International Society of Tropical Foresters Conference: “Drivers of Land Use Change in the Tropics: Bioenergy and Avoided Deforestation” Moderator, panelist & faculty advisor, New Haven, CT  
World Wide Fund for Nature, Environmental Status Heart of Borneo project, Washington, DC
- 2007 Santa Fe Institute, “Dynamic Structure of Robustness in Social Systems Workshop”, Santa Fe, NM  
National Academy of Sciences & 29th General Assembly (GA) of the International Union of Biological Sciences (IUBS) “Biological Sciences for the 21st Century: Meeting the Challenges of Sustainable Development in an Era of Global Change.” Washington, DC  
Stanford University, Anthropological Sciences & Woods Institute for the Environment, Stanford, CA  
Association for Tropical Biology and Conservation, “Linking Tropical Biology with Human Dimensions” Plenary Speaker, Morelia, Mexico  
Arizona State University, School of Human Evolution & Social Change, Center for Social Dynamics and Complexity, & Institute of Sustainability, “Wrigley Lecture on Sustainability”. Tempe, AZ  
Harvard University, Kennedy School International Development, “Frontiers in Sustainability Science”  
World Wide Fund for Nature, Katherine Fuller Conservation Science Speaker Series; Public Lecture, Washington  
Rutgers University, University-wide Interdisciplinary Program Keynote: “Global Futures Symposia – Transboundary Issues”, New Brunswick, NJ  
Santa Fe Institute Science Board, Board of Trustees and Donors, Keynote Speaker  
Institute Biospheric Studies, Yale University, New Haven, CT  
Yale University, MacMillian International Institute, “Effects of Road Building in the Amazon basin.” New Haven, CT  
International Society of Tropical Foresters Conference: “Financing of Forest Conservation”, Moderator, panelist & faculty advisor, New Haven, CT
- 2006 Stanford University, Annual Boething Lecture on Forests & Human Dimensions, Stanford, CA  
Columbia University, Earth Institute, Lamont Doherty Earth Observatory, NY  
University of California, Berkeley, Energy & Resources Group, Berkeley, CA  
Instituto De Ecologia (INECOL), Veracruz, Mexico  
Association for Tropical Biology & Conservation, Plenary Speaker, Kunming, China  
NASA Land Use Land Cover Change & Carbon Symposium, College Park, MD  
Santa Fe Institute, Workshop organizer, “Robustness in Tropical Ecosystems”, Santa Fe, NM  
International Society of Tropical Foresters, Tropical Resources Institute’s International Conference: “Conservation and the Agricultural Frontier: Integrating Forests and Agriculture in the Tropics” Yale University moderator, panelist and faculty advisor, New Haven, CT
- 2005 NASA Land Use Land Cover Change and Carbon Symposium, College Park, MD  
Stanford University, “Whole Earth Systems Symposium: Integrating Science, Technology and Policy” Celebrating Stephen H. Schneider’s Professional Contributions, Stanford, CA  
The Forest Dialogue, “Illegal Logging in Asia”, Hong Kong, China  
University of Michigan, Campus-wide “Interdisciplinary Environmental Speaker Series”, Ann Arbor, MI  
SUNY-Stony Brook, Department Ecology & Evolutionary Biology, Stony Brook, NY  
World Environmental Forum Event (invited participant), Stony Brook, NY  
University of Singapore, “Protected Areas of Malayan Archipelago Symposium”, Singapore  
Santa Fe Institute & University of São Paulo, “Cycles of Social and Environmental Complexity in Lowland Latin America,” Florianópolis, Brazil

- Society Conservation Biology, Symposium "Large-scale conservation in expanding Amazon frontiers: Integrating across scales and disciplines", Brasilia, Brazil  
 Indonesian Agency for Environmental Monitoring (BAPPADALDA), Keynote Speaker, West Kalimantan, Indonesia  
 Santa Fe Institute & University of Arizona, "Modeling Robustness in Coupled Natural and Human Systems Workshop" Tucson, AZ  
 International Society of Tropical Foresters Conference: "Conservation in the Matrix" Moderator, panelist & faculty advisor, New Haven, CT
- 2004 Duke University, Symposium on "Global Trade and Local Environments", Keynote Speaker, Durham, NC  
 NASA Large-Scale Biosphere-Atmosphere Experiment in Amazonia Program, Brasilia, Brazil  
 Princeton University, Woodrow Wilson School, Science Technology & Environment Series, Princeton, NJ  
 Institute of Ecosystem Studies, Millbrook, NY  
 Gordon and Betty Moore Foundation, Amazon Scenarios User Group meeting; Lima, Peru  
 Yale University, Ecology & Evolutionary Biology, New Haven, CT  
 NASA, Land Use Land Cover Change Symposium, College Park, MD  
 Santa Fe Institute, Santa Fe, NM  
 International Society of Tropical Foresters Conference, "People and Parks: Beyond the Debate" Speaker, moderator, faculty co-organizer, New Haven, CT
- 2003 National Science Foundation, Biocomplexity Grantees Meeting, Plenary Speaker, Washington, DC  
 Clark University, George Perkins Marsh Annual Invited Lecture, Worcester, MA  
 UN Convention of the Parties on Climate Change (COP 9), Side event speaker: "Kyoto Protocol and Tropical Deforestation", Milan, Italy  
 American Geophysical Union, Symposium: "Effects of Land Use Change on Biodiversity", Santa Fe, NM  
 National Science Foundation, Biocomplexity Symposium "Robustness in Natural & Human Systems" speaker & co-organizer, Santa Fe Institute, Santa Fe, NM  
 Woods Hole Research Center, Woods Hole, MA  
 Federal University of Pará, Núcleo de Altos Estudos Amazônicos (NAEA), Four lectures, Belém, Brazil  
 University of Maryland, Dept. of Geography, College Park, MD  
 International Society of Tropical Foresters Conference, "Ecosystem Services in the Tropics" Speaker, moderator, faculty co-organizer, New Haven, CT.
- 2002 Association for Tropical Biology, invited symposium, "Keystone Species in Tropical Ecosystems", Panama  
 NASA Workshop & Symposium "Land Use Change around Protected Areas: Effects on Biodiversity", Bozeman, MT  
 International NASA-National Institute of Health Symposium on "Linking Household and Remotely Sensed Data: Methodological & Practical Problems"; East West Center, Honolulu, HI  
 MacMillian Center for International Studies, South and Southeast Asia Studies, Yale University, New Haven, CT  
 University of Maryland, Department of Geography, College Park, MD  
 Regional Southeast Asian Studies Symposium, Panelist, held at Yale University, New Haven, CT  
 University of Tennessee, Department of Natural Resources & Wildlife, Knoxville, TN  
 NASA International Meeting, Symposium "Land Use Land Cover Change in the Tropics" College Park, MD  
 International Society of Tropical Foresters Conference, "Illegal Logging in the Tropics", Speaker, panel moderator and faculty advisor/co-organizer, New Haven, CT
- 2000 "Defying Nature's End" Conference convened by Gordon Moore (INTEL) for the new Gordon and Betty Moore Foundation: Priorities for Conservation, Symposium speaker, "Social Drivers & Biodiversity", Pasadena, CA  
 Michigan Jubilee 2000, Breaking the Chains of Debt, Keynote - "Environment & International Debt Crisis", MI  
 University of Maryland, Dept. of Geography, College Park, MD  
 Yale Forestry Forum, Yale University, New Haven, CT  
 Yale University, School of Forestry & Environment, New Haven, CT  
 Knight-Wallace International Journalism Fellows, Ann Arbor, MI  
 International Conference on Inter-ethnic Coexistence Initiatives, Keynote: "Environment, Security and Inter-ethnic Conflict in Indonesia"
- 1999 International Conference Symposium "Migration, Environmental Change and Security Seminar on Biodiversity Conservation in the Asia-Pacific Region: Planning for Our Future", Invited group of 15 Southeast Asian Environmental Scholars, East-West Center, University of Hawaii, Honolulu, HI  
 International Society of Tropical Foresters, "Globalization & Tropical Forests: Are they compatible?" The World Bank,

- US Agency International Development, Center International Forestry Research, Environmental Defense Fund, Organization for Tropical Studies; convener and panelist.  
 Conservation, Management & Sustainability of Dipterocarp Forests, Bangalore, India
- 1998 US State Department Delegation to Kyoto Convention of the Parties on Climate Change, Jakarta, Indonesia  
 Ford Foundation, Seminar on International Interdisciplinary Research, Washington, DC  
 Center for South & Southeast Asian Studies, Ann Arbor, MI  
 University of Michigan, Museum of Zoology, Ann Arbor, MI
- 1997 International Association for Asian Studies, Symposium on "Logging the Indonesian Forests: The Political, Social and Ecological Consequences", Chicago, IL  
 International Ecosystem Management Symposium, Ann Arbor, MI
- 1996 University of Michigan, Center for South & Southeast Asian Studies, "International Forum Politics of Indonesia"
- 1995 Harvard University, Department of Organismal & Evolutionary Biology, Cambridge, MA  
 University of Michigan, Department of Biology & School of Natural Resources & the Environment, Ann Arbor, MI
- 1994 International Society Tropical Foresters Conference "Tropical Timber Certification: Implications for Tropical Forest Management", New Haven, CT
- 1993 University of Montana, Department of Forestry and Natural Resources, Missoula, MT  
 Society for Conservation Biology and Biodiversity Support Program: "Biodiversity Conservation in Developing Countries: Lessons Learned in Monitoring, Assessment, Utilization & Participation", Washington, DC
- 1992 World Resources Institute, The John D. & Catherine T. MacArthur Foundation, Washington, DC
- 1990 International Conference on Bornean Ecology and Forest Conservation; Kota Kinabalu, Sabah

### ACADEMIC ADVISING & UNIVERSITY TEACHING

Postdoctoral Fellows: 6; PhD (advisor/co-advisor): 14 (4 current); PhD Committee: 36 (5 current)  
 Master's Thesis/Project Research (advisor): 153; Undergraduate Honors Thesis/Senior Paper: 14;  
 Undergraduate Advisees: ~2-3 annually

#### Postdoctoral Fellows & Visiting Scholars

2009-2011	Dr. David Gaveau, Post-doctoral Fellow, <i>Current</i> : Center for International Forestry Research (CIFOR), Indonesia
2009-2010	Dr. J. Marion Adeney, Post-doctoral Fellow, <i>Current</i> : AAAS Fellow & USAID-NASA Peru
2009-2010	Dr. Jeffrey Luger, Visiting Post-doctoral Fellow, <i>Current</i> : AAAS Fellow, US State Dept. Indonesia
2008-2009	Dr. Kamaruzaman Jusoff, Professor of Forestry, Co-Director Forest Geospatial Information University Putra Malaysia, Selangor, Malaysia
2007-2008	Dr. Qiu Yang, Assoc. Prof. Ecology & Geography, Beijing Normal University, Beijing China
2006-2007	Dr. Robert Bailis, University Corporation for Atmospheric Research Postdoctoral Fellow, Assoc. Professor, Yale University, Fellow, Stockholm Environmental Institute, Sweden.
2001-2006	Dr. Simon Trigg, Post-doctoral Fellow, Asst to Assoc. Research Scientist, U. Maryland, College Park, MD, <i>Current</i> : Faculty, Dept. Geography, Crandall University, UK
2002-2005	Dr. Amity Doolittle, <i>Current</i> : Senior Research Scientist & Senior Lecturer, Yale University
2005, 2008	Dr. Britaldo Soares-Filho, Professor Geography, University Minas Gerais, Brazil
1999	Dr. Chris Lyal, Director Coleoptera & Curator, Natural History Museum London, UK
1998-1999	Dr. Jill Belsky, Professor Rural Sociology, Univ. of Montana, Missoula MT
1998-1999	Dr. Stephen Siebert, Professor Forestry, Univ. of Montana, Missoula MT

#### Ph.D Advisor/Co-Advisor: 14 (4 current)

##### Stanford University (2010-present)

Maron Greenleaf, J.D., M.A. (2010- ) Anthropology (Ecology, Evolution & Environment) *Making More Than a Market: Carbon Credits and Distributive Politics in Acre, Brazil*. Graduate Awards: Wenner Gren, Osmundsen Prize, Social Science Research Council Dissertation Award, Mellon Pre-dissertation Fellowship. AAA Roy Rappaport Prize, Best Student Paper in Environmental Anthropology

Madeline Brown, M.A. (2011- ) Anthropology (Ecology, Evolution & Environment) *Parceling the Forest: Wild Mushroom Commodification and Emergent Resource Management Strategies in Rural Yunnan, China*. Graduate Awards: NSF Graduate Fellowship, NSF GROW award.

Cassandra Brooks, Msc. (2011- ) Interdisciplinary Ph.D Program in Environment & Resources, Earth Systems. *Policies for Managing the Global Ocean Commons: The Case of Marine Protected Areas in Antarctica*. Graduate Awards: Switzer Fellowship Award

Tony Marks-Block, M.A. (2013- ) Anthropology (Ecology, Evolution & Environment), *Yurok and Karuk Indian prescribed burns in Northwest California: Effects on Forest Dynamics and Indigenous Resource Use*. Graduate Awards: NSF Graduate Fellowship.

**Yale University & University of Michigan (1996-2013)**

Dwi Astiani, (Ph.D 2013), School of Forestry & Environmental Studies, Yale University, *Bornean Peatlands: Forest Dynamics, Land Use, and Carbon Flux*. *Current*: Senior Faculty, Dept. of Forestry, Tanjungpura University, West Kalimantan, Indonesia.

Kimberly M. Carlson, (Ph.D 2012), School of Forestry & Environmental Studies, Yale University, *Effects of Oil Palm Plantation Development on Land Cover, Carbon Flux, and Streams in Indonesian Borneo*. Graduate Awards: NSF Graduate Fellowship, NASA Earth Science Graduate Fellowship, Visiting Scholar Stanford, Postdoctoral Fellow, U. Minnesota. *Current*: Asst. Professor, Dept. Natural Resources & Environmental Management, University of Hawai'i, Manoa.

Alexandra Ponette-González, (Ph.D 2009), School of Forestry & Environmental Studies, Yale University, *Land Cover Effects on Water Fluxes and Atmospheric Deposition across a Mexican Tropical Montane Landscape*. Graduate Awards: Ford Foundation Minority Fellowship, Fulbright-Hayes Dissertation Research Fellowship, NSF Dissertation Improvement Grant, NASA Graduate Student Research Program Fellowship, Compton Fellowship, NSF International Post-doctoral Fellow. *Current*: Asst. Professor, Dept. of Geography, University of Texas, Denton.

Jennifer Balch, (Ph.D 2008), School of Forestry & Environmental Studies, Yale University, *Effects of Recurrent Fire on Transitional Forest Dynamics in the Amazon's Wildfire Frontier in Mato Grosso, Brazil*. Graduate Awards: NSF Graduate Fellowship, Fulbright Fellowship, P.E.O. Scholar Award, Teresa Heinz Scholar, National Center Ecological Analyses & Synthesis Post-doctoral Fellow. *Current*: Asst. Professor, Dept. of Geography, University of Colorado, Boulder.

Elizabeth Jones (Ph.D 2008), School of Forestry & Environmental Studies, Yale University, *Influence of Mammalian Seed Predation on Five Species in Papua New Guinea: Differential effects of recruitment, distribution & implications for community composition*. *Current*: AP Environmental Science Faculty, Sacred Heart Preparatory School, Atherton, CA.

Gary Paoli (Ph.D 2004), Ecology & Evolutionary Biology, University of Michigan, *Community and Ecosystem Consequences of Tree Species Turnover along Nutrient Gradients in Lowland Rain Forest of Indonesian Borneo*. Graduate Awards: Fulbright Fellowship, Foreign Language Area Studies Fellowship, Cole Fellowship, Newcombe Fellowship. *Current*: Founder & Director, Daemeter Consulting Firm, Indonesia.

Elisabeth DeMattia (Ph.D 2004), Ecology & Evolutionary Biology, University of Michigan, *Effects of Small Rodents and Large Mammals on Seed Predation and Seedling Regeneration within Primary and Secondary Costa Rican forests*. Graduate Awards: Helen Brower Fellowship, *Current*: Founder, Community Science Center, Nanaimo, British Columbia, Lecturer II, Biology Department, U. of Victoria, BC, Canada; Duke STEM program.

Daniel DeJoode (Ph.D 2003), Ecology & Evolutionary Biology, University of Michigan *Effects of Logging on Understory Plant Diversity in Temperate Forests*. Graduate Awards: EPA-STAR Graduate Fellowship, Helen Brower Fellowship, USDA Postdoctoral Fellowship. *Current*: Senior Cultural & Resource Specialist, Peterson Environmental Consulting Inc., Barr Engineering Comp..

Antonia Gorog (Ph.D 2003), Ecology & Evolutionary Biology, University of Michigan, *Historical Biogeography of Small Mammals in the Sunda Region of Southeast Asia*. Field Advisor & Committee; with Graduate Advisor, Philip Myers. Graduate

Awards: Fulbright Fellowship, Foreign Language Area Studies Fellowship, UM's Distinguished Dissertation Award, *Current*: Conservation Director, Health & Harmony – International.

Amy McEuen (Ph.D 2002), School of Natural Resources & Environment, University of Michigan, *Seed Dispersal and Distributions of Woody Plants across Temperate Forest Fragments*. Graduate Awards: EPA-STAR Graduate Fellowship, UM's Distinguished Dissertation Award, NSF-funded Postdoctoral Fellowship, *Current*: Assoc. Professor Biology & Dept. Chair, U Indiana, Springfield.

### Ph.D Committee – 36 (5 current)

**Stanford University – 15** Department of Anthropology: Shannon Randolph, Alejandro Feged (advisor, James H. Jones); Patrick Gallagher (advisor, James Ferguson); Elspeth Ready, Michael Price, (advisor, Rebecca Bird), Allison Kendra, Alana Springer (William Durham); Emily Beggs (advisor, James Fox); Civil & Environmental Engineering: Rebecca Gilsdorf (advisor, Jenna Davis), Emmett Interdisciplinary Ph.D Program in Environment & Resources: Elinor Benami, (co-advisors, Eric Lambin, Marshall Burke), Hajin Kim (co-advisors, Barton Thompson, Dale Miller), Rachele Gould (co-advisors, Gretchen Daily, Debra Satz), Rachel Garrett (co-advisors, Roz Naylor, David Lobell) University Chair (external faculty): Department of Biology: Erin Kurten, Camille Donettii (advisor, Rodolfo Dirzo), Deborah Rodgers (advisor, Marcus Feldman)

**University of Michigan – 14** School of Natural Resources & Environment: Martha Kirpes, 1998 (advisor, Richard Tucker), Helda Morales, 2000 (advisor, Ivette Perfecto); Kimberly Hall, 2002 (advisor, Terry Root); Brent Blair 2002 (advisor, Ivette Perfecto); Thomas Dietsch 2003 (co-advisors, Terry Root, Ivette Perfecto), David J. Cohen, 2003 (advisor, Gary Fowler) Clive Lipchin, 2005 (advisor, Bobbi Low); Anthropology & SNRE: Pablo Nepomnaschy, 2005 (co-advisors, Bobbi Low & Marion Strassmann), Juliet Erazo, 2003 (advisor, Stephen Brechin); Ecology & Evolutionary Biology: Christopher Baraloto, 2001 (advisor, Deborah Goldberg); Bruce Ferguson, 2001, Daniel Griffith, 2004, Stacy Philpott, 2004 (advisor, John Vandermeer), Jacqueline Courteau, 2005 (advisor, Beverly Rathcke)

**Yale University – 3** School of Forestry & Environmental Studies: Marc Stern, 2007 (advisor, William Burch); Dept. of Ecology & Evolutionary Biology: Maria DeAngelo (transferred with advisor, Anne Yoder); Dept. of Epidemiology & School of Public Health: Heidi Brown, 2008 (advisor, Durland Fish)

**Duke University – 2** Department of Botany: Charles H. Cannon, 2005 (advisor, Paul Manos); Nicholas School of the Environment: J. Marion Adeney, 2009 (advisor, Stuart Pimm)

**Cornell University – 1** Political Science: Gregory Thaler (advisor, Ronald Herring), Visiting Scholar Stanford

### University Teaching

~25 new courses developed (1996-2016)

#### Stanford University 2009-

2016 Anthro 308B *Interdisciplinary Research Proposals: Effective Presentation, Skills, and Styles*  
 2010- Anthro 166/266 *Political Ecology of Tropical Land Use: Conservation, Natural Resource Extraction & Agribusiness* (offered annually)  
 2009-2013 ENVRS 310 *Graduate Seminar in Interdisciplinary Environmental Resources: Navigating Interdisciplinary Research* (Fall) co-taught with Terry Root (Required Course)  
 2012, 2014, Anthro 90c/Hum Bio 116 *Theory in Environmental Anthropology* co-taught w Doug Bird (Required Course)  
 2012, 2014, Anthro 302 *Theory in Environmental Anthropology* (Required Course)  
 2012, 2015 Anthro 155/255 *Methods in Environmental Anthropology* (Required Course)  
 2009, 11, 14,16, Anthro 369 *Ecogroup: Topical Seminar* varies annually (Required Course)  
 2010-2012 Anthro 173/ Human Biology 111: *Human Dimensions of Global Environmental Change: Resilience, Vulnerability & Environmental Justice*.

#### Yale University (2001-2009)

2002-2008 *Tropical Ecosystem Dynamics & Anthropogenic Change*.  
 2002-2008 Yale World Fellows Program Lecturer, *Sustainable Development Module*, Co-taught with Daniel Esty, "Socio economic and ecological impacts of corruption on natural resource extraction, institutions & civil society."  
 2005, 2007, 2008 *Linkages in the Landscape: Effects of Land Use Change on Ecosystems*.  
 2005, 2008 *Leaves, Livelihoods, & Landscapes: Ecology, Socio-Economics & Politics of Development across Borneo*. Co-taught with Amity Doolittle. (Interdisciplinary Capstone Course)  
 2002 *Environment & Sustainable Livelihoods: Governance, Donors & Debt*. Co-taught with Wangari Maathai. African development & environment issues; 2-3 week field survey in Kenya with Green Belt Movement.



- 2003, 2004 *Field Seminar on the Conservation & Development of the Amazon*. Co-taught with Daniel Nepstad & David McGrath (Woods Hole Research Center/IPAM). Interdisciplinary Brazilian Amazon 2-3 week field course.
- 2003 *Globalization & Environment: International Agendas & Local Responses*. Co-taught with Amity Doolittle.
- 2003 *Protected Areas in the 21<sup>st</sup>. Century*. Co-taught with Gordon Geballe. Debate social-natural issues; Reports, presentations & attended 5<sup>th</sup> World Parks Congress, Durban, South Africa
- 2007 *Natural Science Research Methods*. (Required Course)
- 2002-2007 *Topics in the Tropics: Graduate Seminar on Current Issues – Varied annually: Community Conservation, Integrated Conservation & Development Projects; People & Protected Areas: Conflicting Views; & Effects of Land use Change on Tropical Ecosystems*
- 2001-2008 *Project Tropical Ecosystems*; ~52 total advisees
- 2001-2008 Guest lecturer: *Economics of Sustainable Development* (R. Repetto), *Forest Certification & Forest Governance* (B. Cashore), *International Environmental Policy and Governance* (B. Cashore); *Observing the Earth from Space* (R. Smith), *Ecosystem Goods and Services* (M. Ashton & B. Gentry); *Graduate Research Methods* (X. Lee, M. Ashton), *Advanced Silviculture* (Ashton and Camp).

#### **University of Michigan (1996-2001)**

- 1997-2001 *Our Common Future: Ecology, Economics and Ethics of 'Sustainable Development'*. Became SNRE undergraduate core requirement & as core course in Environmental Studies, Science & Technology, Global Change, and Globalization certificate programs.
- 1997-2000 *Laboratory in Field Ecology*, Co-taught with John Vandermeer (Biology) & Ivette Perfecto (SNRE). Intensive six-week field course held at the UM Biological Station & E.S. George Reserve Field Site.
- 1998-2001 *Global Change I & II* University-wide interdisciplinary core course. Tim Killeen, led & co-taught by several faculty. Course garnered several awards (e.g., NSF & Packard Foundation).
- 1997-2000 *Tropical Ecological Sustainability/ Ecosystem Dynamics: Debates across Social-Natural Science*.
- 1998 *Indicators of Sustainability in Temperate & Tropical Ecosystems*.
- 1998 *Biodiversity Crisis: Island Biogeography in the Age of Extinctions*. Freshperson Seminar
- 1997 *Tropical Ecosystems: Global Resource & Management Issues*.
- 1996-2001 *Independent Study/Project Research* SNRE, business, law & public health professional schools - 79
- 1997-2000 *Undergraduate Research* - 6

#### **Field Courses, Kalimantan, Indonesia (2001-2010)**

- 2009 Principal Sponsor, *REDD Implementation & Leadership Training in West Kalimantan, Indonesia*. Environmental Leadership and Training Initiative (ELTI) grant; Designed by graduate students & ELTI staff.
- 2009 Facilitator, *Forest Carbon Accounting*, World Wide Fund for Nature (WWF-Indonesia), West Kalimantan.
- 2007 Principal Instructor, *Land Use, Community Mapping & Livelihood Surveys in Kalimantan: Areas Converted or Planned Conversion to Oil Palm Plantations*. July-August, Tanjungpura U. & Yale students, local NGOs & protected area staff. West Kalimantan.
- 2002, 2006 Instructor & Sponsor, *Spatial Land Use Plan for Ketapang District, West Kalimantan*.
- 2006 Instructor & Sponsor, *High Conservation Value Forest (HCVF) of West Kalimantan*.
- 2005 Principal Instructor, *Carbon and Biodiversity Assessments in Peatland & Lowland Dipterocarp Forests* June-August, Tanjungpura University students, Kalimantan NGOs & Forestry staff, West Kalimantan.
- 2005 Principal Organizer & Sponsor, *GPS, GIS and Field Mapping Training for West Kalimantan Agricultural Department*, July, West Kalimantan.
- 2005 Principal Organizer & Sponsor, *GPS, GIS and Field Mapping Training for West Kalimantan Forestry Dept*, April, W. Kalimantan.
- 2002 Principal Instructor, *Carbon Assessment in Bornean Tropical Forests*, June-July. Three 10-day field courses in primary, logged production forests and oil palm plantations; US & Indonesian students, faculty & protected area/forestry staffs. West/Central Kalimantan.
- 2002 Principal Organizer, *Community 'Participatory' Mapping & Social Survey Workshop* with Dr. Jefferson Fox, (East-West Center) & Dr. Amity Doolittle (Yale), July 2002. Several Dayak communities with ~15 local Indonesian NGO representatives participated. W. Kalimantan.
- 2001 Principal Instructor, *Social Surveys of Rural Livelihoods, Agroforestry and Hunting Practices in a Bornean Timber Concession*, Jul-Aug 2001 Dayak communities, US/Indonesian students & faculty, C. Kalimantan.

## UNIVERSITY SERVICE

### Stanford University (2009- )

2015- Interdisciplinary Ph.D Program in Environment & Resources (E-IPER), Admissions Committee  
 2015- Bechtel International Center, Fulbright Scholars, Reviewer for Asia & Latin America  
 2014- Bechtel International Center, Luce Scholars Program, Review Panel  
 2014- Gabilan Fellow, Office of the Vice Provost for Faculty Development & Diversity  
 2013- Voice and Influence Program, Clayman Institute for Gender Research  
 2012-2015 Vice Provost of Graduate Education, Stanford Interdisciplinary Graduate Fellowship, Review Committee  
 2010-2015 Interdisciplinary Ph.D Program in Environment & Resources (E-IPER), Executive Committee  
 2012-2013 H&S Faculty Search Committee, Human-Environment, Chair Anthropology  
 2009- Woods Institute in the Environment, Executive Committee  
 2009- Center for Latin American Studies, Faculty Affiliate  
 2009- Institute for Research in the Social Sciences, Faculty Affiliate  
 2009- Center for Population Research, Faculty Affiliate  
 2009- Center for East Asian Studies, Faculty Affiliate  
 2009-2013 Interdisciplinary Ph.D Program in Environment & Resources (E-IPER), Admissions Committee  
 2009-2012 Center for Latin American Studies, Student Fellowship Awards, Graduate Admission Committee  
 2009-2011 Woods Institute for the Environment, Environmental Ventures Program, Grant Review Committee  
 2010-2011 Douglas Provostial Professor, School of Earth Systems, Faculty Search Committee  
 2009-2010 Center for Development & Democracy, Students in Government, Review Committee  
 2009-2010 Beagle II, Student Summer Fellowship Awards, Review Committee

### Department of Anthropology

2015- Human Subjects Committee  
 2010-13, 2015-16 Graduate Admissions Committee  
 2014- MA & Co-terminal Masters Degree Advisor  
 2012- Promotion Committee, Associate to Professor  
 2009- Lang Senior Research Awards, Review Committee  
 2009-2015 Graduate Requirements Committee  
 2009-2015 Curriculum Review Committee  
 2009, 2012 Colloquium Co-Organizer (Fall) Anthropology  
 2009-2010 Faculty Tenure Review Committee

### Yale University (2001-2009)

2008-2009 President Levin's Dean Search Committee, School of Forestry & Environmental Studies  
 2001-2009 Tropical Resources Institute, John H. Musser Director  
 2001-2009 Center for Southeast Asian Studies, Executive Committee,  
 2001-2009 Yale College, Environmental Studies Major Committee  
 2001-2008 World Fellows Program, Instructor & Reviewer Applicant Admissions  
 2004-2009 President's Advisory Board, Poynter Journalist Fellowship Program  
 2005-2009 School of Management, Moore Foundation Dual Graduate Degree, Executive Steering Committee  
 2005-2009 Latin American & Iberian Studies, Executive Council,  
 2006-2009 Women's Faculty Forum  
 2007-2009 Center for Earth Observation Advisory Board  
 2001-2003 Organization for Tropical Studies, University Representative  
 2001-2003 Fulbright Fellowship Review Committee

### School of Forestry & Environmental Studies

2001-2009 Ph.D. Admissions Committee  
 2001-2009 Visiting Scholars' Committee  
 2002-2009 Faculty Member, Yale's Institute Environmental Law and Policy  
 2008-2009 Professor in the Practice, Promotion Committee, Tropical Agroecosystems  
 2008-2009 Faculty Search Committee, Resource Economist  
 2008-2009 Faculty Promotion Committee Chair, Environmental Anthropologist  
 2008-2009 Faculty Promotion Committee, Interdisciplinary Social Scientist, Energy in Developing Countries  
 2007-2009 Faculty Development Committee, 10-yr hiring plan

- 2007-2009 Faculty Curriculum Committee, 'Land' concentration  
 2006-2008 Faculty Senior Professor Search Committee, Sociologist – Environmental Justice  
 2006-2007 Faculty Tenure Review Committee, Senior Forestry Policy & Political Science  
 2006-2007 Faculty Promotion Committee Chair, Environmental Anthropologist  
 2006-2007 Faculty Search Committee, Senior Faculty, Urban Ecologist  
 2005-2006 Professor in the Practice, Promotion Committee, Tropical Agroecosystems  
 2004-2005 Faculty Search Committee, Social Scientist (Interdisciplinary)  
 2001-2002 Faculty Search Committee, Ecosystem Ecologist
- University of Michigan (1996-2001)**
- 2000-2001 UM President's Life Science Committee  
 1997-2001 International Institute, Governing Board  
 1998-2001 South and Southeast Asian Studies, Executive Board  
 1998-2001 University's Environmental Studies Committee  
 1999-2001 Faculty Search Committee, Anthropology & SNRE, Ecological Anthropology  
 1999-2001 SNRE Strategic Planning Committee: Ecosystem Studies Committee  
 1998-2001 Faculty Advisor & Formed: UM's Student Chapter International Society Tropical Foresters  
 1997-2001 Faculty Advisor & Formed: UM's Student Chapter Society for Conservation Biology  
 1997-2001 Fulbright Fellowship Review Committee  
 1997-2001 UM's Climate Change Group  
 1998-2001 Organization for Tropical Studies (OTS), Campus Representative; OTS Faculty Board  
 1999-2001 Faculty Undergraduate Mentorship Program  
 1999-2001 Interdisciplinary Environmental Studies, University Committee  
 1998-2000 Faculty Advisory Committee, Population & Environment Change, School of Public Health  
 1998-2000 Society of American Forestry (SAF) National Accreditation Committee  
 1999-2000 SNRE Faculty Search Committee, Vertebrate Ecologist  
 1996-1998 SNRE/CRLT Faculty: Gilbert Whittaker Fund for the Improvement of Teaching  
 1997-1998 Interdisciplinary Faculty Advisory Committee, USAID Population Environment Change & Security  
 1997-1998 SNRE Faculty Search Committee, T.D. Roosevelt Chair in Ecosystem Studies  
 1998 Environmental Theme Semester
- Department of Biology**
- 2000 Faculty Search Committee, Population Biologist  
 1997-1999 Faculty Executive Committee, Ecology, Evolution, Organismal Biology  
 1996-1999 Helen Olson Brower Memorial Fellowship (Conservation Science), Review Committee  
 1998 Faculty Search Committee, Senior Evolutionary Biologist/Ecologist

### Field Research Experience

- 1985-2015: >185 field months in Indonesia primarily Kalimantan and Sumatra; >15 field months: research, training courses & consultancies in several countries (e.g., People's Republic of China, Sri Lanka, Belize & Brazil).
- Ph.D & Master's Students' Research in ~ 30 countries: *Central and South America*: Antarctica, Mexico, Brazil, Peru, Ecuador, Bolivia, Columbia, Costa Rica, Panama, Belize, Nicaragua, Venezuela, Surinam, Guyana, French Guyana; *Asia*: Indonesia, Vietnam, Cambodia, Nepal, New Zealand, Papua New Guinea, People's Republic of China, India, Malaysia, Singapore; *Africa*: Madagascar, Kenya, Tanzania, Democratic Republic of Congo, Uganda, Cameroon, Ethiopia; *North America*: California, Canada, Menominee Tribal Enterprises, Michigan, Texas, Tennessee, Wisconsin, Wyoming, Yurok and Karuk Tribal Territories (Northern, CA)