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**EDUCATION**

2004 Ph.D., Graduate School of Geography, Clark University.  
2001 MSc., Graduate School of Geography, Clark University.  
1992 Bachelor of Science, Biology. Universidad Nacional de Colombia (Bogotá).

**RESEARCH AND TEACHING SPECIALTIES**

Land systems science, biogeography, remote sensing, tropical ecosystems, Latin America.

**PROFESSIONAL EXPERIENCE**

**Employment and Academic Positions**

2011- Associate Professor, Department of Geography, *Rutgers, The State University of New Jersey.*  
2005–2011 Assistant Professor. Department of Geography. *Rutgers, The State University of New Jersey.*  
2004 Post-Doctoral Research Associate. Global Environmental Change Initiative. Geological Sciences, *Brown University.*  
2000–2003 Research Associate. George Perkins Marsh Institute, Graduate School of Geography, Land-cover and Land-use change (LCLUC) in the Southern Yucatán Peninsular Region (SYPR). *Clark University.*  
1999 Research Assistant. Graduate School of Geography, 1999. *Clark University.*  
1994–1998 Research Assistant. Center for Energy and Environmental Studies. *Princeton University.*  
1991–1993 Research Assistant. Barro Colorado Island, Panama. *Smithsonian Tropical Research Institute.*

**Leadership Positions**

2016–2020 Graduate Program Director, Department of Geography, *Rutgers, The State University of New Jersey.*  
2012–2015 Graduate Program Director, Department of Geography, *Rutgers, The State University of New Jersey.*

- 2011–2012 Director, Center for Latin American Studies, *Rutgers, The State University of New Jersey*.
- 2010–2011 Acting Director, Center for Latin American Studies. *Rutgers, The State University of New Jersey*.

### **FUNDED RESEARCH**

- 2018 *Rutgers Global Grants: Internationalizing the Curriculum*. Embedded study abroad course on Tropical Environments. With B. Lintner, X. Morin and L. Struwe. \$10,000
- 2017 *RCN-NSF People and Reforestation in the Tropics*. Symposia on socio-ecological resilience of tropical forest regrowth. \$5000.
- 2010–2014 **Co- Principal Investigator**. *National Science Foundation. Dynamics of Coupled Natural and Human Systems*. Spontaneous Silvopastoral Landscapes: Origins, Extent, and Ecological Significance in the Ecuadorian Amazon. With Thomas Rudel. \$566,081.
- 2008–2012 **Principal Investigator**. *Gordon and Betty Moore Foundation*. Ecosystem-level Response to Large Scale Natural Disturbance in Southern Yucatán: Evaluating Forest Resilience in Protected Areas. \$989,934.
- 2007 **Principal Investigator**. *Gordon and Betty Moore Foundation*. Workshop in Land use transitions in the tropics. \$15,000.
- 2005–2008 **Co- Principal Investigator**. *NASA- Land Use-Land Cover Change Program*. Landscape Resilience-Vulnerability in the Southern Yucatan Peninsular Region With: B. L. Turner II, Deborah Lawrence, John Rogan, Ron Eastman and Hans Vester. \$280,000.
- 2005 Rutgers University Research Council Grant. Office of Research and Sponsored Programs (ORSP). Understanding Plant Invasions in Mexico through Land Change Science. \$1,200.
- 2004 **Co- Principal Investigator**. *National Science Foundation*. Long Term Ecological Research-Hubbard Brook Experimental Forest. Social Science Supplement. With: Steve Hamburg, John Mustard and Andrew Foster. Brown University. \$50,000.

### **FELLOWSHIPS AND SCHOLARSHIPS**

- 2017–18 **Fulbright Distinguished Chair**, Biodiversity and Sustainable Development, Universidad Nacional, Bogotá Colombia. *Project title: Mapping the spatial configuration of landscapes in the Orinoquía region of Colombia and modeling potential landscape change in an era of post-conflict*.

- 2003 Clark University, Graduate School of Geography. Pruzer-Holzhauer Fellowship. Dissertation Writing Scholarship.
- 1998–2003 University Graduate Fellowship, Clark University, Graduate School of Geography.
- 1991 Smithsonian Tropical Research Institute. Exxon and Intern Fellowships for Latin American biology students.

## **PUBLICATIONS**

### **Articles in Peer Reviewed Journals**

- 2020 Clerici, N., D Armenteras, P Kareiva, R Botero, JP Ramírez-Delgado, G Forero-Medina, J Ochoa, C Pedraza, **L Schneider**, C Lora, C Gómez, M Linares, C Hirashiki, D Biggs. Deforestation in Colombian protected areas increased during post-conflict periods. *Scientific Reports*, 10: 4971.
- 2020 Puc-Kauil R, G. Ángeles, J. R. Valdéz, V. Reyes, J. M. Dupuy, **L. Schneider**, P. Rodríguez, X. García. Allometric equations to estimate above-ground biomass of small-diameter mixed tree species in secondary tropical forests. *iForest - Biogeosciences and Forestry*, 13 (3): 3165-174.
- 2019 Ortiz-Reyes, A.J. Valdez, G. Angeles, M. Hector, **L. Schneider**, C. Aguirre, A. Peduzzi. Transectos de datos LiDAR: una estrategia de muestreo para estimar biomasa aérea en áreas forestales. *Maderas y Bosques*, 25(3) 735-754.
- 2019 Puc-Kauil, R., G. Angeles, J. Valdez, V. Reyes, J.M Dupuy, **L. Schneider**, P. Rodriguez, X. Garcia. Species-specific biomass equations for small-size tree species in secondary tropical forests. *Tropical and Subtropical Ecosystems*, 22 (3). DOI: <https://doi.org/10.21829/myb.2019.2531872>.
- 2019 Rudel, T.K., P. Meyfroidt, R. Chazdon, F. Bongers, S. Sloan, R. Grau, T. Van Holt and **L. Schneider**. 2019. Whither forest transition? Climate change, policy responses and redistributed forests in the twenty-first century. *AMBIO*. DOI: 10.1007/s13280-018-01143-0.
- 2019 Armenteras, D., **L. Schneider** and L. Davalos. Fires in protected areas reveal unforeseen costs for Colombian peace. *Nature Ecology and Evolution*, 3 (1): 20-23.
- 2018 **Schneider, L.**, A. Lerner, M. McGroody and T. Rudel. Assessing the provision of ecosystem services by sivopastoral landscapes: estimating above ground carbon in Ecuadorian Amazonian silvopastoral farms using optical remote sensing and field measurements. *Journal of Land Use Science* 13(5): 455-472.
- 2018 Ramirez, C. D., Orrego S. A. and **L. Schneider**. Identifying Drivers and Spatial Pattern of Deforestation in a Strategic Watershed, Rio Grande

- Basin (Colombian Andes). *Journal of Latin American Geography*, 17(1):108-138.
- 2016 Turner, B.L., J Geoghegan, D Lawrence, C Radel, B Schmook, C Vance, S Manson, E Keys, D Foster, P Klepeis, H Vester, J Rogan, R Roy Chowdhury, **L. Schneider**, R Dickson, Y Ogenva. Land system science and the social–environmental system: the case of Southern Yucatán Peninsular Region (SYPR) project. *Current Opinion in Environmental Sustainability* 19, 18-29.
- 2015 Rudel, T., B. Paul., D. White, I.M. Rao, R. Van Der Hoek, A. Castro, M. Boval, A. Lerner, **L. Schneider** and M. Peters. LivestockPlus: Forages, sustainable intensification, and food security in the tropics. *AMBIO*, DOI 10.1007/s13280-015-0676-2.
- 2015 Mardero, S. B. Schmook, C. Radel, Z. Christman, D. Lawrence, M. Millones, E. Nickl, J. Rogan & **L. Schneider**. Smallholders' adaptations to droughts and climatic variability in southeastern Mexico. *Environmental Hazards*, DOI:10.1080/17477891.2015.1058741.
- 2015 McGroody, Lerner, A, D. Burbano **L. Schneider** and T. Rudel. Carbon Stocks in Silvopastoral Systems: A Study from Four Communities in Southeastern Ecuador. *Biotropica* 47 (4) 407-415.
- 2015 Lerner, A., T. Rudel, **L. Schneider**, M. McGroddy, D. Burbano and C. Mena. The spontaneous emergence of silvo-pastoral landscapes in the Ecuadorian Amazon: patterns and process. *Regional Environmental Change* 15 (7): 1421-1431.
- 2013 McGroody, M., D. Lawrence, **L. Schneider**, J. Rogan, I. Zager and B. Schmook. Damage patterns after Hurricane Dean in the southern Yucatán: Has human activity resulted in more resistant forests. *Forest Ecology and Management*. 310, 812-820.
- 2013 Rossi, E., J. Rogan and **L. Schneider**. Mapping forest damage in northern Nicaragua after Hurricane Felix (2007) using MODIS enhanced vegetation index data. *GIScience & Remote Sensing*, 50 (4): 385-399.
- 2013 Cheng, D., Rogan, J., **L. Schneider** and M. Cochrane. 2013. Evaluating MODIS active fire products in Subtropical Yucatan Forest. *Remote Sensing Letters*. 4 (5): 455-464.
- 2013 N. Cuba, J. Rogan, Z. Christman, C. A. Williams, **L. C. Schneider**, D. Lawrence and M. Millones. *Modelling dry season deciduousness in Mexican Yucatán forest using MODIS EVI data (2000–2011)*. 2013. *GIScience & Remote Sensing*, 50 (1), 26-49.
- 2012 Márdero S., Nickl E., Schmook B., **Schneider L.**, Rogan J., Christman Z. and Lawrence D. (2012). Sequías en el Sur de la Península de Yucatán:

- Análisis de la variabilidad anual y estacional de la precipitación/  
Droughts in the Southern Yucatán Peninsula: Analysis of the annual and seasonal precipitation variability. *Investigaciones Geográficas*. 78:19-33.
- 2012 Neeti N., J. Rogan, Z. Christman, J.R. Eastman, M. Millones, **L. Schneider**, E. Nickl, B. Schmook, B. L. Turner II and B. Ghimire. Mapping seasonal trends in vegetation using AVHRR-NDVI time series in the Yucatán Peninsula, Mexico. *GIScience and Remote Sensing*. Volume 3(5): 433-442.
- 2011 Vandecar, K., D. Lawrence, D. Richards, **L. Schneider**, J. Rogan and B. Schmook. Response of dry tropical forest to Hurricane Dean in the southern Yucatán Peninsula: Species-level impacts. *Biotropica*. 43(6):676-684.
- 2011 Rogan J., **L. Schneider**, Z. Christman, M. Millones, D. Lawrence and B. Schmook. Hurricane Disturbance Mapping using MODIS EVI Data in the South-Eastern Yucatán, Mexico. *Remote Sensing Letters* 2(3): 259-267.
- 2010 **Schneider L.C.** and N. Fernando. An untidy cover: Invasion of Bracken Fern in the shifting cultivation systems of Southern Yucatán, Mexico. *Biotropica* 42(1): 41-48.
- 2010 Uriarte, M., **L. Schneider** and T. Rudel. Land transitions in the tropics: Introduction and Synthesis. *Biotropica*. 42(1):1-2/59-62.
- 2010 Rudel, T., **L. Schneider** and M. Uriarte. Forest Transitions: An Introduction. *Land Use Policy*. 27(2):95-97.
- 2010 Geoghegan J., D. Lawrence, **L. Schneider** and K. Tully. Accounting for Carbon in Models of Land Use and Implications for Payments for Environmental Services: An Application to Southern Yucatán Peninsula Region. *Regional Environmental Change*. 10 (3): 247-260.
- 2010 Lawrence, D., K. Tully, C. Radel, B.Schmook and **L. C. Schneider**. Untangling a global decline in tropical forest resilience: constraints on the sustainability of shifting cultivation. *Biotropica* 42(1):21-30.
- 2010 Whitmer, A., L. Ogden, J Lawton, P Sturner, PM Groffman, **L Schneider**, D Hart, B Halpern, W Schlesinger, S Raciti, N Bettez, S Ortega, L Rustad, STA Pickett, and M Killelea. 2010. The engaged university: providing a platform for research that transforms society. *Frontiers in Ecology and Evolution* 8 (6): 314 -321.
- 2009 Rudel T. K., **L. Schneider**, M. Uriarte, B.L. Turner II , R. DeFries, D. Lawrence, J. Geoghegan, S. Hecht, A. Ickowitz, E. F. Lambin, T. Birkenholtz, S. Baptista and R. Grau. Agricultural Intensification and Changes in Cultivated Areas, 1970-2005. *The Proceedings of the National Academy of Sciences*. 106:20675-20680.

- 2006 **Schneider, L.C.** Invasive species and Land-use: The effect of land management practices on bracken fern invasion in the region of Calakmul, Mexico. *Journal of Latin American Geography*. 5(2): 91-107.
- 2006 **Schneider, L.C.** and J. Geoghegan. Land Abandonment in an Agricultural Frontier after a Plant Invasion: The Case of Bracken Fern in Southern Yucatán, Mexico. *Agricultural and Resource Economics Review*. 35(1):167-177.
- 2004 **Schneider, L.C.** 2004. Bracken Fern (*Pteridium aquilinum* (L.) Kuhn) Invasion in Southern Yucatán Peninsular Region: A Case for Land-Change Science. *Geographical Review*. 94(2): 229-241.
- 2004 J. Geoghegan, L. C. **Schneider** and C. Vance. 2004. Temporal Dynamics and Spatial Scales: Modeling Deforestation in the Southern Yucatán Peninsular Region. *Geojournal* 61: 353-363.
- 2001 **Schneider, L.C.** and R. G. Pontius Jr. 2001. Modeling land-use change in the Ipswich watershed, Massachusetts, USA. *Agriculture, Ecosystems & Environment* 85(1-3): 83-94.
- 2001 **Schneider L. C.**, A. P. Kinzig, E. Larson and L. A. Solórzano. 2001. Method for spatially explicit calculations of potential biomass yields and assessment of land availability for biomass energy production in Northeastern Brazil. *Agriculture, Ecosystems & Environment* 84: 207-226.
- 2001 Pontius R. G. and L. C. **Schneider**. 2001. Land-use change model validation by a ROC method for the Ipswich watershed, Massachusetts, USA. *Agriculture, Ecosystems & Environment* 85(1-3): 239-248.
- 2001 B. L. Turner II, R. R. Chowdhury, D. Foster, J Geoghegan, E. Keys, P. Klepeis, D Lawrence, S. Manson, P. M. Mendoza, Y. Ogneva-Himmelberger, A. B. Plotkin, D. Pérez Salicrup, B. Savitsky, B. Schmook, L. C. **Schneider**, C. Vance and S. Cortina Villar. 2001. Deforestation in the southern Yucatan peninsular region: an integrative approach. *Forest Ecology and Management*, 154: 353-370.

### Refereed Book Chapters

- 2016 **Schneider, L.**, J. Rogan and B. Schmook. Relación de huracanes e incendios en bosques fragmentados de la región sur de la península de Yucatán, México: Ejemplo de las sinergias en sistemas socio-ecológicos. In: *Naturaleza y Sociedad: Perspectivas Socio-Ecológicas sobre Cambios Globales en América Latina*. Ed.: K. Young and J. Postigo. IEP e INTE-PUCP.
- 2014 Mardero, S., B. Schmook, Z. Christman, E. Nickl, L. **Schneider**, J. Rogan and D. Lawrence. Precipitation Variability and Adaptation Strategies in

- the Southern Yucatán Peninsula, Mexico: Integrating Local Knowledge with Quantitative Analysis. In: *International Perspectives on Climate Change: Latin American and Beyond*. Springer, pp: 189-201.
- 2008 **L.C. Schneider**. Plant Invasions in an Agricultural Frontier: Linking satellite, ecological and household survey data. In *Land Change Science in the Tropics: Changing Agricultural Landscapes*, A. Millington and W. Jepson eds. Kluwer publishers.
- 2004 S. S. Sader, R. Roy Chowdhury, **L.C. Schneider** and B. L. Turner II. 2004. Forest Change and human driving forces in Central America. In *Land Change Science: Monitoring, and Understanding Trajectories of Change on Earth's surface*. Gutman et al. eds. Kluwer Publishers. Pages: 57-76.
- 2004 R. Roy Chowdhury and **L. C. Schneider**. 2004. Land-Cover/Use in the southern Yucatán peninsular region, Mexico: Classification and Change Analysis. In *Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. B. L. Turner II, J. Geoghegan and D. Foster, eds. Oxford Geographical and Environmental Studies. Clarendon Press of Oxford University Press, pp 105-144.
- 2004 J. Geoghegan, **L. C. Schneider** and C. Vance. 2004. Spatially Explicit, Statistical Land-Change Models in Data-Poor Conditions. In *Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. B.L. Turner II, J. Geoghegan, and D. Foster, eds. Oxford Geographical and Environmental Studies. Clarendon Press of Oxford University Press, pp 247-269.
- 2003 B. L. Turner II, P. Klepeis and **L. C. Schneider**. 2003. Three Millennia in the Southern Yucatán Peninsular Region: Implications for Occupancy, Use, and "Carrying Capacity". In *Lowland Maya Area: Three Millennia at the Human-Wildland Interface*. A. GómezPompa, M. Allen, S. Fedick, and J. Jimenez-Osornio, eds. New York: The Haworth Press, pp. 361-387.
- 2002 J. Vadjunec, **L. C. Schneider** and B. L. Turner, 2002 Land-Change Science: The Contributions of Latin Americanist Geographers to Global Environmental Change Research. In *Latin America 21st Century: Challenges and Solutions*. G. Knapp Ed. University of Texas Press, pp 171-206.

### Research Reports

- 2009 **Schneider, L.C.** M. Alber, J. Moore, J. Onsted, R. Pontius, N. Sayre, and Jonathan Thompson. 2009. A Common Denominator: Modeling Land and Water Use Change in LTER sites. *White Paper, Long Term Ecological Research Network*.
- 2009 Zimmerman J., F. N. Scatena, **L. C. Schneider**, Ted Gragson , Christopher Boone and J. Morgan Grove. 2009. Challenges for the Implementation of

the Decadal Plan for Long-Term Ecological Research: Land and Water Use Change. Report of a Workshop. LTER Network Office, the National Science Foundation and the University of Puerto Rico

- 2000 E. Brondizio, R. DeFries, R. Laney, J. S. Latham, A. Leon, **L. C. Schneider**, P. Verburg, and S. J. Walsh. 2001. Land Use and Cover Change (LUCC) Report Series nº 5: *Meeting in the Middle: The Challenge of Meso-Level Integration. Workshop Proceedings*. An International Workshop October 17-20, 2000. Ispra, Italy Edited by: W. J. McConnell and E. F. Moran.
- 2000 Pontius Jr, R.G. , L. Claessens, C. Hopkinson Jr, A. Marzouk, Ed Rastetter, **L. Schneider**, Joseph Vallino. 2000. Scenarios of land-use change and nitrogen release in the Ipswich watershed, Massachusetts, USA. In B Parks et al., editors. *Conference proceedings of the 4th international conference on integrating GIS and environmental modeling*. University of Colorado, CIRES.

### Encyclopedia Entries

- 2013 Helechos: Malhechos en Sistemas Agrícolas. *ECOFRONTERAS*, 47:4-6.
- 2010 Forest Land Use. *Encyclopedia of Geography*. B. Solomon, ed. London: Sage.
- 2007 Invasive Species. In *The Encyclopedia of Environment & Society*. P. Robbins, ed. London: Sage, pp. 948-950.
- 2007 Research Methods. In *The Encyclopedia of Environment & Society*. P. Robbins, ed. London: Sage, pp. 1488-1493.

### Media Mentions

- 2019 *New York Times*, Aug 28, The Amazon, Siberia, Indonesia: A world on fire. By Kendra Pierre-Louis.

## INVITED PRESENTATIONS

### Plenary presentations

- 2017 **Plenary Panelist**. The role of secondary forests in restoration and biodiversity conservation. Meeting of the *Association of Tropical Biology and Conservation*. Merida, Mexico, July.
- 2011 **Keynote speaker**. Efectos de perturbaciones ambientales y cambio climático sobre los bosques semi-decíduos del corredor biológico Calakmul-Sian Kaan, México. Coloquio sobre Bosques Tropicales: Su conservación y manejo ante el cambio global. *Centro de Investigación Científica de Yucatán, A.C.* September 13-14.



2010 **Keynote Speaker.** Efectos de perturbaciones ambientales y cambio climático sobre los bosques secos tropicales: Estudio de caso - Península de Yucatán. *Fourth National Forestry Symposium: Bosques, Energías Alternativas y Cambio*

#### **Invited Presentations International**

- 2018 Research symposium. Jornada Académica. Como entender la resiliencia socio-ecológica: ejemplos de ecosistemas tropicales. *Universidad Nacional de Colombia, Sede Orinoquia.* May 3rd.
- 2017 Seminar Series. *Instituto de Investigaciones en Ecosistemas and Sustentabilidad, Universidad Autónoma de México.* Morelia, México, June 20th.
- 2017 Seminar Series. *Colegio de Postgraduados, Departamento de Ciencias Forestales, Texcoco, México.* June 26th.
- 2016 Silva Carbon, CATIE and UN-REDD. Workshop on Forest Degradation, Pachuca Hidalgo. Monitoring hurricanes and fires, examples from Yucatán, México. August 24th.
- 2016 *Universidad de los Andes. Facultad de Administración, Gestión Desarrollo Sostenible.* Patterns and process of silvopastoral landscapes in the Ecuadorian Amazon: an example of sustainable intensification. April 28th.
- 2016 *Universidad Nacional de Colombia. Departamento de Biología.* Seminar Series. Resiliencia socio-ecológica en paisajes de la Península de Yucatán: Perturbaciones ambientales, fragmentación del paisaje y cambio climático. April 6th.
- 2016 *Universidad Autónoma de México. Instituto Nacional de Ecología.* Resiliencia socio-ecológica en paisajes de la Península de Yucatán: Perturbaciones ambientales, fragmentación del paisaje y cambio climático.
- 2016 *El Colegio de la Frontera Sur (ECOSUR-Chetumal).* Resiliencia socio-ecológica en paisajes de la Península de Yucatán: Perturbaciones ambientales, fragmentación del paisaje y cambio climático
- 2015 *Universidad La Javeriana. Departamento de Estudios Rurales y Ambientales.* Seminario de Postgrado. Resiliencia socio-ecológica en paisajes de la Península de Yucatán: Perturbaciones ambientales, fragmentación del paisaje y cambio climático.
- 2009 *York University.* Effects of disturbances on dry tropical forests: hurricanes and land-use in the Yucatan Peninsula, Mexico. Department of Geography. Toronto, Canada.

2006 *Centro de Investigaciones Científicas de Yucatán (CICY)*. Plantas Invasoras y cambios de uso del suelo: el efecto del manejo del terreno en la invasión del helecho *P. aquilinum* en el sur de la Península de Yucatán. Unidad de Recursos Naturales. Mérida, Mexico.

### **Invited Presentations Domestic**

- 2019 *Cornell University, Center for Latin American Studies*. Socio-ecological resilience in tropical landscapes.
- 2018 *Rowan University, School of Earth and Environment* Understanding socio-ecological resilience: examples from tropical landscapes.
- 2012 *University of Massachusetts, Department of Environmental Conservation, Seminar Series*. Environmental Disturbances in the Mesoamerican Biological Corridor Calakmul-Sian Ka'an, Yucatán: Landscape responses.
- 2011 *Clark University, Graduate School of Geography*. Effects of disturbances on dry tropical forests: hurricanes and land-use in the Yucatan Peninsula, Mexico.
- 2009 *US-Long Term Ecological Research (LTER) and Mexico LTER* Effects of Disturbances on Tropical Dry Forest: Land-Use and Hurricane effects in the Mesoamerican Biological corridor Sian Ka'an-Calakmul, Mexico. 2ND Joint Hurricane Research Network meeting, Fairchild Tropical Botanic Garden, Miami, FL .
- 2008 *Universidad de Puerto Rico*. Modeling Socio-Ecological Systems: Learning from experiences in Land Change Science. Workshop Socio-ecological Systems in LTER.
- 2008 *Rutgers University and Columbia University*. An untidy cover: Invasion of Bracken Fern in the shifting cultivation systems of Southern Yucatán, Mexico. MaGrann Conference: Land Use Transition in the Tropics.
- 2007 *Columbia University, Department of Ecology, Evolution and Environmental Biology*. Plant Invasions in an Agricultural Frontier: Linking Satellite, Ecological and Household Survey Data. CERC Seminar.
- 2007 *University of Virginia, Department of Environmental Studies*. Plant Invasions in an Agricultural Frontier: The Case of Bracken Fern in Southern Yucatan Peninsular Region, Mexico.
- 2007 *Hunter College, CUNY Department of Geography*. Plant Invasions in an Agricultural Frontier: The case of bracken fern invasion in southern Yucatán Peninsular Region.
- 2005 *Rutgers University, Department of Human Ecology*. Land abandonment of an agricultural frontier after bracken fern invasion: Linking satellite, ecological and household survey data.

- 2005 *Rutgers University. Graduate Geographers Project. Land Change Science and Tropical Deforestation in Southern Yucatan.*
- 2005 *Rutgers University. Landscape Architecture Department. Understanding plant invasions through land change science.*
- 2004 *Brown University. 200 Years of land-use change in central New Hampshire: Drivers and Implications. Spatial Structures in the Social Science Colloquia.*

## **CONFERENCES AND WORKSHOPS**

### **Conference and Workshops Organization**

- 2019 Co-organizer. MaGrann Conference: *Small Scale Agriculture in an Era of Global Change: Landscapes & Livelihoods.* Department of Geography, Rutgers University (with K. Rhiney and X. Rueda)
- 2019 Session organizer and Chair, Landscapes, peace and war: Understanding land transformation in Colombia after the peace agreement. *Association of American Geographers Meeting, Washington DC.*
- 2016 Co-Organizer, Crossroads in the Concrete Jungle, Symposium and Workshop. Rutgers University, New Brunswick (with L. Struwe, M. Aronson and W. Hoefler)
- 2015 Organizer, Resilience of Tropical Secondary Forest. People and Reforestation in the tropics: A network for education, research and synthesis (NSF-RCN). Resilience Working Group. *Department of Geography, Rutgers University.*
- 2014 Co-Organizer, Rutgers Climate Symposium, Rutgers University. Climate Change and The Tropics: Implications and Adaptation
- 2014 Co-Organizer, Secondary Forests and Agro-diverse Systems: Dynamics of Regrowth in the Neotropics (Co-organizer with T. Rudel). In: *Global Land Project: 2<sup>nd</sup> Open Science Meeting.* Berlin, Germany.
- 2014 Co-Organizer, Sustainable Intensification in Agricultural: Next Steps. Workshop and Panel. *Department of Geography and Human Ecology.* Rutgers University.
- 2010 Session Organizer and Chair. Hurricane Dean's impacts to Forests in the Mesoamerican Biological Corridor Sian Ka'an-Calakmul, Mexico: Understanding regional variability *Global Land Project, Open Science Meeting.* Arizona State University, Phoenix AZ.
- 2009 Session Organizer and Chair: Assessing Environmental Disturbance to Forest Ecosystems: Linking regional approaches to place based research. *Association of American Geographers Meeting, Las Vegas, NV.*

- 2008 Co-Organizer, 4<sup>th</sup> MaGrann Conference, Land Use Transition in the tropics (with T. Rudel, Rutgers U. and M. Uriarte, Columbia University)
- 2005 Session Organizer and Chair: Understanding Land Transformation through spatial explicit models. *Association of American Geographers*, Denver, CO.

### **Invited Workshops**

- 2020 People, Land, & Ecosystems: Leveraging NEON for Socio-Environmental Synthesis. National Socio-Environmental Synthesis Center (SESYNC). Annapolis, MD.
- 2018 Protected areas in the Colombian post-conflict: threats, challenges and opportunities. Universidad del Rosario, Bogotá Colombia.
- 2017 Mexico's stand on the regional assessment for the Americas. Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). Mexico City, Mexico.
- 2017 Forest transitions. National Science Foundation - Research Coordination Grant on Secondary Forests in the Tropics. Rutgers University, NJ.
- 2016 Colombian Regional Capabilities under REDD+ program. European Commission, Institute of Hydrology, Meteorology and Environment (IDEAM) and ONU-REDD Colombia.
- 2015 Adaptación del marco de modelación CBM-CFS3 en paisajes REDD+ estratégicos de México. Mexico Forest Service, CONAFOR, US Forest Service, SilvaCarbon Program. Guadalajara, Mexico.
- 2015 Emerging Challenges in Tropical Science. Vegetation-precipitation coupling in the tropics: challenges and opportunities. Organization of Tropical Studies (OTS). La Selva Biological Station, Costa Rica.
- 2014 Frameworks for integrating social and ecological drivers of reforestation in the tropics. Leading Working group 2: Resilience. National Science Foundation, People and Reforestation in the tropics: A network for education, research and synthesis.
- 2013 Monitoreo de perturbaciones: retos y propuestas para la generación de insumos necesarios a la modelación de la dinámica del carbono en los bosques de México. Proyecto Fortalecimiento REDD+, SEMARNAT, CONAFOR, UNDP, FAO.
- 2013 Pastures, Climate and Change and Sustainable intensification. Center for International Tropical Agriculture, Cali Colombia.
- 2011 Fires in Western Amazonia: The Effects of Climatic, Social, Demographic, and Land Use Changes on Fire Incidence and Fire Hazard. Center for

- Environmental Research and Conservation, Earth Institute, Columbia University and Center for International Forestry (CIFOR). Pucallpa, Peru.
- 2009 Maps and Locals (MALS). Long Term Ecological Research, All Scientists Meeting. Estes Park, CO.
- 2009 Effective Communication of Science in Environmental Controversies. Cary Institute of Ecosystems Services, Millbrook, NY.
- 2009 Scenarios of Future Landscape Change. Harvard Forest, Harvard University. Petersham, MA.
- 2008 Designing Socio Ecological Systems studies in Long Term Ecological Research. Member of LTER Steering Committee.
- 2006 The next 25 years of LTER. Long Term Ecological Research- All Scientists Meeting, Estes Park, CO.
- 2005 The current and future role of the social sciences in the LTER Network. University of Georgia, Athens, GA.
- 2005 Spatial Modeling of an Invasive Species: Linking Satellite, Ecological, and Agricultural Household Survey Data. Northeastern Agricultural and Resource Economics Association (NAREA). Workshop on Invasive Species. Annapolis, MD.
- 2002 Land Cover and Land Use Change-NASA Nature Reserves Study Workshop. Montana State University. Bozeman MT.
- 2000 Meeting in the Middle: The Challenge of Meso-Level Integration: An International Workshop on the Harmonization of Land Use and Land Cover Classification. International Geosphere-Biosphere Program. Ispra, Italy
- 1999 Current progress in quantifying spatially explicit causes and effects of land-use/cover change: examples from different parts of the world. International Geosphere-Biosphere Program and the Human Dimensions of Global Change Program. Wageningen University, The Netherlands.

### **Conference Presentations International**

- 2020 Effects of disturbances on tropical ecosystems: a socio-ecological approach. *Association of Tropical Biology and Conservation*, Cartagena (Cancelled due to COVID19).
- 2019 Recent Deforestation increases reveal unforeseen costs of Colombian Peace. In: *The Role of Warfare and Armed Conflicts in Land Systems, Global Land Project: 4<sup>th</sup> Open Science Meeting*. Bern, Switzerland.
- 2014 Sitio de medición intensiva de carbono de Kaxil-Kiuc: estrategia a largo plazo para la reducción de emisiones de gases de efecto invernadero.

- Andrade José L.; Dupuy Juan M.; Hernández-Stefanoni José L.; May-Pat Filogonio; Simá José L.; Tun-Dzul Fernando; Us-Santamaría Roberth; Garruña-Hernández René; Caamal Juan P.; Tamayo Manuela; Arellano Fernando; Johnson Kristofer; Wayson Craig; Birdsey Richard; Santos Lucio; Olguín Marcela; López David; Maldonado Vanessa y **Schneider Laura**. *V Simposio Internacional del Carbono en Mexico. Merida, Yucatan.*
- 2014 Damage patterns after Hurricane Dean (2007) in the southern Yucatán: has human activity resulted in more resistant forests? In: *Global Land Project: 2<sup>nd</sup> Open Science Meeting*. Berlin.
- 2012 Understanding fire regimes in tropical landscapes: Climatic, ecological, and socio-economic considerations. Presenter and Co-Chair. *Association of Tropical Biology and Conservation*, Bonito, Brazil.
- 2011 Effects of Disturbances on Tropical Semi-deciduous Forest: Land Use and Hurricane effects in the Yucatan Peninsula, Mexico. *Association of Tropical Biology and Conservation Conference*, Arusha Tanzania.
- 2010 Disturbances in the Mesoamerican biological Corridor, Calakmul-Sian Ka'an, Mexico: Landscape Disturbances. *Conference of Latin America Geographers CLAG*, Bogota DC. Colombia.
- 2009 Plant Invasions in Tropical Dry Forests: The landscape ecology of bracken fern invasion in Southern Yucatan, Mexico - Laura Schneider - Rutgers University. *Latin American IALE (International Association of Landscape Ecology) Conference*. Campos do Jordao, Brazil. Paper accepted but unable to attend the conference.
- 2005 Understanding biodiversity: Plant Invasions in an Agricultural Frontier: Linking satellite, ecological and household survey data. The 6th Open Meeting of the *Human Dimensions of Global Environmental Change Research Community*. Bonn, Germany.
- 2004 Invasive species and common property: The case of bracken fern (*Pteridium aquilinum* (L.) Kuhn) invasion in the region of Calakmul. *The 10th Biennial Conference of the International Association for the Study of Common Property*. Oaxaca, Mexico.
- 1991 Humid Tropical Lowlands Conference. Development Strategies and Natural Resources Management. Panama City, Panama.

#### **Conference Presentations Domestic**

- 2019 Landscapes in an era of post-conflict: Mapping the spatial configuration of landscapes in the Orinoquia, Colombia. *Annual Meeting of the American Association of Geographers*, Washington DC.

- 2019 Seeking solutions to land challenges of the Anthropocene: Land Systems Science at the Interface of Normative and Policy Concerns. Panelist. *Annual Meeting of the American Association of Geographers*, Washington DC.
- 2017 Socio-ecological Resilience: Secondary Forests and Environmental Disturbance in Agricultural Landscapes of Southern Yucatan Peninsula. Panelist. *Annual Meeting of the Association of American Geographers*, Boston MA.
- 2017 Trees from above: Using high resolution remotely sensed data to understand ecosystem services in silvopastoral systems in the Ecuadorian Amazon. *Annual Meeting of the Association of American Geographers*, Boston MA.
- 2015 Land Systems Science Symposium: Socio-ecological resilience in secondary tropical forest: Forest recovery after hurricane disturbance in southern Yucatan. *Annual Meeting of the Association of American Geographers*, Chicago, IL.
- 2013 Land Systems Science Symposium: Environmental Dimension of Land Change. Environmental Disturbances and Land Systems: The effect of landscape configuration on hurricane damage in Southern Mexico. *Association of American Geographers Meeting*, Los Angeles, CA.
- 2012 Environmental disturbances and land systems: the effect of hurricanes and fire on current landscape configuration in Southern Yucatán. *Association of American Geographers Meeting*, New York, NY.
- 2011 The Cultivation and Conservation of Biological Diversity. Invited Session. *Association of American Geographers Meeting*, Seattle WA.
- 2011 Using Local Knowledge to Understand Land Use/Land Cover Change at Long Term Ecological Research (LTER) Sites. *Association of American Geographers Meeting*, Seattle WA
- 2010 Advocacy in Biogeographic Science. *Association of American Geographers Meeting*, Washington DC.
- 2010 Disturbances in the Mesoamerican Biological Corridor Calakmul-Sian Ka'an, Mexico: Landscape responses. Session Organizer. *Association of American Geographers Meeting*, Washington DC.
- 2009 Accounting for Carbon in Models of Land Use and Implications for Payments for Environmental Services: An Application to Southern Mexico". J. Geoghegan, D. Lawrence and L. Schneider. *Annual Northeastern Agricultural and Resource Economics Association (NAREA) Conference*. Burlington, VT.
- 2009 Assessing the spread of plant invasions in deciduous tropical forests. In organized session: Assessing Environmental Disturbance to Forest

- Ecosystems: Linking regional approaches to place based research. Chair, presenter and organizer of the session. *Association of American Geographers Meeting*, Las Vegas, NV.
2008. Panelist. Key Environmental Change Issues in Latin America. Conference: Behind the Rain: Human Rights, Adaptation and Environmental Change in Latin America. *Center for Latin American Studies, Rutgers University*.
- 2007 The effect of legacies on human-environment coupled systems: 200 years of land change dynamics in Grafton County, NH. *Hubbard Brook Ecosystem Study 44th Annual Cooperators' Meeting*. The Hubbard Brook Experimental Forest, NH.
- 2007 The effect of legacies on human-environment coupled systems: 200 years of land change dynamics in Grafton County, New Hampshire. In organized session: Social and Ecological Systems. *Association of American Geographers*, San Francisco, CA.
- 2006 Millones, M; J. Rogan, **L.C. Schneider** and B.L. Turner. Integrated Fire Risk Using MODIS data for the Southern Yucatan Peninsula. *3rd International Congress of Fire Ecology*, San Diego CA.
- 2006 Plant invasions and land use: the case of bracken fern invasion in southern Yucatán forest frontier in a special session Invasive species I: Environment and habitat factors. *91st Meeting of the Ecological Society of America*. Memphis, TN.
- 2006 Plant Invasions in an Agricultural Frontier: The case of bracken fern invasion in southern Yucatán Peninsular region (Poster Presentation). *Joint Workshop on NASA Biodiversity, Terrestrial Ecology, and Related Applied Sciences*. University of Maryland, Adelphi MD.
- 2006 The Interaction between Crop-Fallow Production Decisions and an Invasive Species: A Spatial Analysis. Co-Authors: A. Ickowitz, J. Geoghegan and **L. Schneider**. *Northeastern Agricultural and Resource Economics Association*, Mystic CT.
- 2006 Advance and retreat: Land abandonment and plant invasions in an agricultural frontier. In organized session: Linking Social and Ecological Systems. *Association of American Geographers Meeting*, Chicago IL.
- 2005 Spatially Explicit Model of Bracken Fern Invasion in Southern Yucatan Peninsular Region (SYPR). *Association of American Geographers*, Denver, CO.
- 2005 Bradley, B.A., J.F. Mustard, and **L.C. Schneider**. Assessing Spatial Changes and Drivers of Biological Invasions Using Remote Sensing: The Case of Cheatgrass in Northern Nevada, *American Association of Geographers Annual Meeting*, Denver, CO.



- 2004 Modeling land use-cover change in Grafton County, NH. *Hubbard Brook Ecosystem Study 41st Annual Cooperators' Meeting*. The Hubbard Brook Experimental Forest, NH.
- 2003 *Pteridium aquilinum* (bracken fern) invasion in the Southern Yucatan Peninsular Region (SYPR). In organized session: People, places and Invasive species. *Association of American Geographers*, New Orleans, LA.
- 2001 Land-cover change estimates in the southern Yucatán peninsular region (Mexico) using 1984-1997 Landsat TM imagery. In organized Session: Land Change in Yucatan. *Association of American Geographers*. New York NY.
- 2000 Modeling Land use change in Ipswich watershed, USA. *Association of American Geographers*. Pittsburgh PA.
- 1995 Examining Biodiversity Data, Interpretation, and Public Policy. *The Living Planet in Crisis: Biodiversity Science and Policy*. American Museum of Natural History, Center for Biodiversity and Conservation. New York, NY.

## **TEACHING**

### **Courses Designed and Taught**

1. Environment and Society (450:211)
2. Global Ecosystems and Biodiversity (450:306)
3. Advanced Topics in GIS (450:421)
4. Environment and Society in the tropics (hybrid study abroad, La Selva, Costa Rica)
5. Land Change Science (450:511): Graduate Seminar

### **Courses Revised and Taught**

1. Transforming the Global Environment (450:102)
2. Remote Sensing (450:322)
3. Latin America (450:336)
4. Research Design (450:602): Graduate Seminar

### **Postdoctoral Research Associates**

1. Amy Lerner, Silvopastoral systems in Ecuadorian Amazon (with Tom Rudel). Current Position: Assistant Professor, Universidad Autónoma de México (UNAM), Sustainability Science Program.
2. Zachary Chirstman, Environmental Disturbances in Southern Yucatan Peninsula. Current Position: Associate Professor, Department of Geography and Environment, Rowan University.

### **Chair of Graduate PhD Committee**

1. Alana Rader, ABD. Dissertation proposal: Dynamics of tropical forest regeneration and land use in the Mesoamerican Biological Corridor, Mexico.
2. Elizabeth (Tabby) Fenn. 2018. Dissertation title: Protected Forests in the New Jersey Highlands: Ecological implications of reserve selection in an urbanizing landscape.
3. Diya Paul, co-advisor. 2018. Assistant Professor in Environmental Studies, Cottey College. Dissertation title: Widening the constituency for wildlife conservation: Unintended conservation spaces in forests outside protected areas in India.
4. Irene Zager. 2014. Sub-Director, PROVITA, NGO, Caracas Venezuela. Dissertation title: Analyzing the relationship between forest fragmentation and post-hurricane damage and recovery: The case of Hurricane Dean in the Calakmul – Sian Ka'an biological corridor, Yucatán, Mexico.

### **Chair of Graduate MA/MS Committee**

Steven King	MA, Current
Colleen M. Earp	MA, 2011
Jacob Gable	MA, 2013
Joshua Randall	MS, 2014 (Best MS student paper for the AAG Water Resources Specialty Group, 2014).
Sheila Skula	MA, 2009
Gabriela Ulloa	MA, 2018

### **Member of Graduate Thesis Committee Rutgers**

#### *MA Students*

Jessica August 2019, Carolin Fewerda 2009, Maeve Pinto 2007, S G. Poberezny 2006, Logan Soldo 2020, James Riely 2009, Sean Thatcher TBA, Adam Steinberg 2007.

#### *PhD Students*

David Ferring	ABD, current student
Jenny Isaacs	ABD, current student, doctoral exam
Justin Mullikin	ABD, current student
Hoang Thach	ABD, current student
Sadiya Tijjani	ABD, current student

Elizabeth Barron 2010 (doctoral exam), Sandra Baptista 2008, Stella Cappocia 2013 (doctoral exam), Gwangyong Choi 2007, Nicole Davi 2009, Nelun Fernando 2010, Rosana Grafals 2010, Jim Jeffers 2011

(doctoral exam), Divya Karnad 2017 (doctoral exam), Jessica Kelly 2009, John Mioduszeewski 2015 (doctoral exam), Jim Myers 2012, Laura Shappell 2015 (Ecology and Natural Resources).

### **Member of Graduate Dissertation Committee Other Institutions**

Juan C. Agudelo	2018 (Agronomy MSc, U. Nacional de Colombia)
Camilo Fagua	2018 (Ecology, Utah State University)
Tania Gonzales	ABD, current (Biology, U. Nacional de Colombia)
Andrea Leon P.	ABD, current (Universidad Javeriana, Colombia)
Eduardo Molina G.	2018 (Biology, U. Nacional de Colombia)
Alma D. Ortiz R.	2019, (Col. de Postgraduados, Texcoco México)
Ramiro Puc Ramirez	2019, (Col. de Postgraduados, Texcoco México)
Naomi B. Schwartz	2016 (E3B, Columbia University)

### **Undergraduate independent studies:**

Anushka Srivastana	2020 Honors Thesis, Evaluation Committee
Marion Clement	2012 Senior Thesis Evaluation Committee.
Dominique Dionne	2014 Honors Thesis Evaluation Committee.
Barbara Havrillay	2008 Senior Thesis Evaluation Committee.
Nickolas Blum-Destefano	2007 Chair Senior Thesis
Gavriel Vigneri,	2007 Chair Senior Thesis

### **Fulbright Scholars**

1. Noel Vei 2018-19 Associate Professor, Department of Geography Alassane OUATTARA University (UAO, Bouaké, Cote d'Ivoire/ West Africa).
2. Andrea Leon Parra 2017-18. Land transformation in Ecoregions of Colombia. Research Scholar, Universidad Pontificia Javeriana.
3. Robin Rasin 2008-09. Landscape – its' changes and memory: the case of Czech-Austrian borderland. Charles University, Prague.

## **SERVICE**

### **Editorial Boards**

Subject Editor: *Biotropica* (2017- )  
Editorial Board: *Journal of Land Change Science* (2017-) and *LAND* (2017- ),  
Academic Editor: *PLOSOne* (2018- )  
Associate Editor: *Journal of Latin American Geography* (2010-11)  
Special Issues: *Biotropica* 42(1) and *Land Use Policy* 27(2).

## Journal Referee

*AMBIO* (2018), *Agriculture, Ecosystems and the Environment* (2009), *Annals of the American Association of Geography* (2009, 2010, 2014, 2016), *Biotropica* (2008, 2011, 2018), *Conservation Biology* (2007), *Geoforum* (2008), *Geographical Review* (2010), *Global Environmental Change* (2012), *GIScience and Remote Sensing* (2014), *Ecology and Society* (2017, 2018), *Environmental Management* (2013), *Environmental Research Letters* (2016, 2017), *Forest Science* (2005, 2007), *Forest Policy and Management* (2012), *Frontiers in Ecology and Evolution* (2012), *Human Ecology* (2014), *Journal of Latin American Geography* (2009, 2010, 2011), *Journal of Applied Geography* (2009, 2012), *Journal of Land Use Science* (2018, 2019, 2020), *Journal of Spatial Science* (2015), *Journal of Tropical Ecology* (2009), *Land Degradation and Development* (2005), *Landscape ecology* (2008, 2009), *Landscape and Urban planning* (2007, 2008, 2010), *Middle States Geographer* (2015), *PLOS One* (2013, 2015, 2016, 2017, 2018, 2010), *Remote Sensing of the Environment* (2012, 2015), *Science Advancements* (2017), *Sustainability* (2018), *The Professional Geographer* (2008, 2009, 2010), *Weed Research* (2009, 2010, 2012)

## Grant Reviewer

NOAA-National Science Foundation Ecological Forecasting (2006); National Science Foundation, Geography (2007, 2009, 2014, 2015, 2018-19); NOW-Netherlands Organization for Scientific Research (2017); Georgia Sea Grant (2009); National Geographic Society (2008, 2009)

## Other Service to the Profession

- |           |   |
|-----------|---|
| 2018–2020 | Senior review panelist. Geography and Spatial Sciences, Division of Behavioral and Cognitive Sciences, National Science Foundation                              |
| 2018–2019 | Science Committee Global Land Program, Open Science Meeting 2019.   |
| 2018      | IPCC, Working group III: Climate Change and Land. Expert reviewer   |
| 2017      | External Reviewer. Department of Geography, SUNY- New Paltz.  |
| 2015–2016 | Sabbatical leave: Profesor Cátedra Posgrado, Facultad de Administración, Gestión Desarrollo Sostenible. Universidad de Los Andes, Bogotá Colombia               |
| 2014      | Reviewer, Latin American Specialty Group Best Student Paper Award Committee, Association of American Geographers. Also for Spring 2010.                         |
| 2009      | Science Links: Carbon. 2009. Hubbard Brook Experimental Forest and Hubbard Brook Foundation. Contributor.   |
| 2007      | Reviewer, NRC Survey of Program Quality, Assessment of Research Doctorate Programs, National Academies Board on Higher Education and Workforce, Washington, DC. |

## **Service at Rutgers University:**

### *University at large*

- 2020 President's Task Force on Carbon Neutrality and Climate Resilience, Working group 5: Land Use and Offsets
- 2019– Appointments and promotions committee, SAS.
- 2018– Executive Committee, Center for Latin American Studies.
- 2017– Social Sciences Area Committee, Graduate School, New Brunswick.
- 2016–2019 University Senate.
- 2013–2016 Advisory Committee, Rutgers Climate Institute.
- 2012–2015 Social Sciences Area Committee, Graduate School, New Brunswick.
- 2012–2015 Appointments and Promotions Committee for non-tenured faculty. School of Arts and Sciences.
- 2013–2014 Fulbright Faculty Committee, Graduate School of New Brunswick.
- 2011–2013 Advisory Committee Center for Women Global Leadership.
- 2011–2013 Advisory Committee Climate and Society Initiative.
- 2011–2012 Director, Center for Latin American Studies.
- 2010–2011 Acting Director, Center for Latin American Studies.
- 2010 Faculty Council, New Brunswick.
- 2008–2011 Advisory Committee on Foreign Languages. SAS
- 2007–2009 Executive Committee of the Center for Latin American Studies,
- 2007 Committee on the Future of Rutgers University Latin American Studies (RULAS). School of Arts and Sciences.
- 2006– Affiliated Faculty, Department of Latino and Hispanic Caribbean Studies.
- 2005– Affiliated Faculty, Graduate Certificate Program in Geospatial Information Science.
- 2005– Affiliated Faculty, Center for Latin American Studies.
- 2005–2007 Faculty Fellow, Livingston College.
- 2005–2006 Faculty Advisor, Hubert H. Humphrey Fellowship Program.
- 2005–2006 Nominating Committee, Faculty of Science and Arts.

### *Department of Geography*

- 2019– Mentoring Committee, Junior Faculty.
- 2019 Search Committee, New Faculty Hire (Latinx geographies position).
- 2018 Search Committee, New Faculty Hire (Political Ecology position).
- 2016–2020 Chair, Graduate Selection Committee.
- 2015 Reading Committee, Tenure Review (Dr. Asa Rennermalm).
- 2012–2015 Chair, Graduate Selection Committee.
- 2014–2015 Speaker Series Organizer.
- 2010–2015 Mentoring committee for Junior Faculty.
- 2010–2012 Graduate Admissions Committee.
- 2008–2009 Search Committee, New Faculty Hire (Hydrology position).
- 2006–2007 Search Committee, New Faculty Hire (South Asia position).

2006–2007 Faculty Liaison, Graduate Geographers Project Speaker Series.  
2005–2007 Graduate Admissions Committee.

**Memberships**

2012– PARTNERS, People and Reforestation in the Tropics, Research  
Coordinating Network, NSF  
2010– Global Land Programme  
2005– Conference of Latinamericanist Geographers  
2000– Association of American Geographers  
2003–2013 Long Term Ecological Research –LTER, Hubbard Brook

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