

# Jon D. Erickson

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## I. PERSONAL

**Date of Birth** November 20, 1969

**Family** Married to Patricia Erickson, Doctor of Veterinary Medicine  
Senior Lecturer, Department of Animal Sciences, UVM  
Father to Louis and Jon

**Hometown** Saratoga Springs, New York

## II. ACADEMIC APPOINTMENTS

**Rubenstein School of Environment & Natural Resources** Blittersdorf Professor of Sustainability Science & Policy, 2016 – current  
Professor, 2010 – current  
Interim Dean, Oct. 2012 – Jun. 2014  
Associate Professor, 2002 – 2010  
Secondary Appointment, Environmental Studies, 2002 – current  
Program Faculty: Natural Resources (Ph.D.); Environment, Society & Public Affairs (MS); Leadership for Sustainability (MS); Parks, Recreation, and Tourism (BS)

**Gund Institute for Environment** Fellow, 2002 – current  
Managing Director, 2009 – 2012

**University of Iceland** Adjunct Professor, 2015 – current  
Visiting Instructor, Environment & Natural Resources MS Program, 2008 – current

**Rensselaer Polytechnic Institute** Assistant Professor, Department of Economics, 1997 – 2002  
Joint Appointment, Faculty of Information Technology, 1999 – 2002

**Cornell University** Lecturer, Department of Applied Economics and Business Management, 1994, 1995, 1997  
Visiting Lecturer, Institute of Economic Studies, University of Agriculture, Nitra, Slovakia, 1995

**Sabbatical Visits** Fulbright Scholar, Sokoine University of Agriculture, Tanzania, 2011  
Visiting Professor, Faculty of Social Sciences and Business Administration, Pontificia Universidad Católica M y M, Dominican Republic, 2006 – 2007

## III. EDUCATION

**Cornell University** Ph.D., Natural Resource and Environmental Economics, 1997  
• Minors: Forest Ecology, Quantitative Methods  
M.S., Natural Resource and Environmental Economics, 1993  
• Minor: International Relations  
B.S., Applied Economics and Business Management, 1991

**North Country Community College** A.S., Business Administration, 1989

#### IV. PROFESSIONAL APPOINTMENTS

Trustee, Vermont Public Interest Research and Education Fund, 2020 – current.  
Steering Committee, Champlain-Adirondack Biosphere Reserve, United Nations Man and the Biosphere Programme, 2018 – current.  
Member, Vermont Commission on International Trade and State Sovereignty, 2015 – current.  
Vice President and Founding Board Member, Bright Blue EcoMedia Productions, 2010 – current.  
Editorial Board, *Reviews in Ecological Economics* (formerly *Ecological Economics Reviews*, New York Academy of Sciences), 2009 – current.  
Editorial Board, *Environmental Policy and Governance*, 2008 – current.  
Founding Member and Past President, U.S. Society for Ecological Economics, 2000 – current.  
Founding Member and Past President, Adirondack Research Consortium, 1994 – current.

Member, Vermont Governor’s Council on Energy and the Environment, 2012 – 2016.  
Member, Vermont Climate Change Economy Council, 2015 – 2016.  
Trustee, Conservation and Research Foundation, 2004 – 2015.  
Member, Senator Sanders' Environment Advisory Council, 2012 – 2014.  
President, U.S. Society for Ecological Economics, 2010 – 2012 (President-Elect board member, 2009 – 2010; Past-President board member, 2012 – 2014).  
Member, Technical Advisory Committee, Lake Champlain Basin Program, 2007 – 2012.  
Executive Editor, *Adirondack Journal of Environmental Studies*, 2007 – 2012.  
Board Member, Adirondack Research Consortium, 2006 – 2012.  
Editorial Board, *International Journal of Environmental Technology and Management*, 2000 – 2012.  
Founder and Director, Fútbol para la Vida, HIV/AIDS Prevention Education in the Dominican Republic, 2006 – 2011 (now Deportes para la Vida run by the Dominican DREAM Project).  
Member, Scientific Advisory Team, CUNY Environmental Cross-Roads Initiative, National Science Foundation – Consortium of Universities for the Advancement of Hydrologic Science (NSF-CUAHSI) Synthesis Center, 2009 – 2010.  
Treasurer, International Society for Ecological Economics, 2004 – 2006.  
Board Member, International Society for Ecological Economics, 2004 – 2006.  
Advisory Board Member, Adirondack Research Consortium, 2002 – 2006.  
Board Member, U.S. Society for Ecological Economics, 2003 – 2005.  
Commissioner, Burlington Electric Commission, Burlington, VT, 2004.  
Topic Editor, “Economics Interactions with Other Disciplines: Natural Resource Economics,” *Encyclopedia of Life Support Systems (EOLSS)*, UNESCO, EOLSS Publishers, Oxford, UK, 2002.  
President, Adirondack Research Consortium, 2000 – 2002.  
Advisory Board Member, Saratoga Open Space Project, Saratoga Springs, NY, 1998 – 2001.  
Vice-President and Vice-President Elect, Adirondack Research Consortium, 1997 – 2000.

#### V. RESEARCH

##### A. Journal Articles and Book Chapters

1. Pratt, B. and J.D. Erickson, “Defeat the Peak: Behavioral Insights for Designing Electricity Demand Response Programs,” *Energy Research and Social Science* 61, 2020.
2. Fox, M.J.V. and J.D. Erickson, “Design and Meaning of the Genuine Progress Indicator: a Statistical Analysis of the U.S. Fifty-State Model,” *Ecological Economics* 167, 2020.
3. Svartzman, R., Ament, J., Barmes, D., Erickson, J.D., Farley, J., Guay-Boutet, C. and N. Kosoy, “Money, Interest Rates and Accumulation on a Finite Planet: Revisiting the ‘Monetary Growth Imperative’ through Institutional Approaches,” in Costanza et al. (Eds.), *Sustainable Wellbeing Futures: a Research and Action Agenda for Ecological Economics*, Edward Elgar, Cheltenham, UK, 2020.

4. Venkatesan, M., Erickson, J.D., and C. Carmichael, "Principles of Stakeholder Engagement for Ecological Economics," in Costanza et al. (Eds.), *Sustainable Wellbeing Futures: a Research and Action Agenda for Ecological Economics*, Edward Elgar, Cheltenham, UK, 2020.
5. Costanza, R., Erickson, J.D., Farley, J. and I. Kubiszewski, "Introduction: What is Ecological Economics and Why Do We Need it Now More Than Ever," Costanza et al. (Eds.), *Sustainable Wellbeing Futures: a Research and Action Agenda for Ecological Economics*, Edward Elgar, Cheltenham, UK, 2020.
6. Wironen, M.B. and J.D. Erickson, "A Critically-Modern Ecological Economics for the Anthropocene," *The Anthropocene Review* 7(1), 62-76, 2020.
7. Vargas Roncancio, I., Temper, L., Sterlin, J., Smolyar, N.L., Sellers, S., Moore, M., Melgar-Melgar, R., Larson, J., Horner, C., Erickson, J.D., Egler, M., Brown, P.G., Boulot, E., Beigi, T. and M. Babcock, "From the Anthropocene to Mutual Thriving: An Agenda for Higher Education in the Ecozoic," *Sustainability* 11(12), 3312, 2019.
8. Wironen, M.B., Bartlett, R.V. and J.D. Erickson, "Deliberation and the Promise of a Deeply Democratic Sustainability Transition," *Sustainability* 11(4), 1023, 2019.
9. Spencer, P., Perkins, P.E. and J.D. Erickson, "Re-establishing Justice as a Pillar of Ecological Economics through Feminist Perspectives," *Ecological Economics* 152, 191-198, 2018.
10. Wironen, M.B., Bennett, E.M. and J.D. Erickson, "Phosphorus Flows and Legacy Accumulation in an Animal-Dominated Agricultural Region from 1925 to 2012," *Global Environmental Change* 50, 88-99, 2018.
11. Fox, M.J.V. and J.D. Erickson, "Genuine Economic Progress in the States: a 50-State Study and Comparative Assessment," *Ecological Economics* 147, 29-35, 2018.
12. Erickson, J.D. and M. Kane, "Input-Output Analysis," in C.L. Spash (Ed.), *Routledge Handbook of Ecological Economics: Nature and Society*, Routledge, Abingdon, UK, 2017.
13. Lee, J., Ingalls, M., Erickson, J.D. and E. Wollenberg, "Bridging Organizations in Agricultural Carbon Markets and Poverty Alleviation: An Analysis of Pro-Poor Carbon Market Projects in East Africa," *Global Environmental Change* 39, 98-107, 2016.
14. Brown, P.G. and J.D. Erickson, "How Higher Education Imperils the Future: an Urgent Call for Action," *Balance*, Issue 2, 2016.
15. Erickson, J.D., "The Unfinished Journey of Ecological Economics," Forward to P. Brown and P. Timmerman (Eds.), *Ecological Economics for the Anthropocene*, Columbia University Press, New York, NY, 2015.
16. Gross, L.H., Erickson, J.D. and V.E. Mendez, "Supporting Rural Livelihoods and Ecosystem Services Conservation in the Pico Duarte Coffee Region of the Dominican Republic," *Agroecology and Sustainable Food Systems* 38(9), 1078-1107, 2014.
17. Alvez, J.P., Schmidt, A.L., Farley, J.C., Erickson, J.D. and V.E. Mendez, "Transition from Semi-Confinement to Pasture-Based Dairy in Brazil: Farmers' View of Economic and Environmental Performances," *Agroecology and Sustainable Food Systems* 38(9), 995-1014, 2014.
18. Villa, F., Voigt, B. and J.D. Erickson, "New Perspectives in Ecosystem Services Science as Instruments to Understand Environmental Securities," *Philosophical Transactions of the Royal Society B*, 369, 2014.
19. Masozera, M., Erickson, J.D., Clifford, D., Coppolillo, P., H. Sadiki, H. and J.M. Mazet, "Integrating the Management of Ruaha Landscape of Tanzania with Local Needs and Preferences," *Environmental Management* 52: 1533-1546, 2013.
20. Kaufman, Z., Welsh, R.L., Erickson, J.D., Craig, S., Adams, L.V. and D.A. Ross, "Effectiveness of a Sports-Based HIV Prevention Intervention in the Dominican Republic: a Quasi-Experimental Study," *AIDS Care*, 1-9, 2011.
21. Cox, G., Woods, A., Holmes, T., Porter, W. and J.D. Erickson, "Survey of Public Priorities as a Guide for Future Sustainable Investment Strategies in the Northern Forest," *Adirondack Journal of Environmental Studies* 16, 2010.
22. Mazet, J.M., Clifford, D., Coppolillo, P.B., Deolalikar, A.B., Erickson, J.D. and R.R. Kazwala, "A 'One Health' Approach to Address Emerging Zoonoses: The HALI Project in Tanzania," *PLoS Medicine* 6(12): e1000190, 2009.

23. Hong, B., Limburg, K.E., Erickson, J.D., Gowdy, J.M., Nowosielski, A., Polimeni, J. and K. Stainbrook, "Connecting the Ecological-Economic Dots in Human-Dominated Watersheds: Models to Link Socio-Economic Activities on the Landscape to Stream Ecosystem Health," *Landscape and Urban Planning* 91(2): 78-87, 2009.
24. Whaley, R.S., Erickson, J.D. and W.F. Porter, "The Cornerstones of Conservation," pp. xxvii-xxxiii (book introduction) in W.F. Porter, J.D. Erickson, and R.S. Whaley (Eds.), *The Great Experiment in Conservation: Voices from the Adirondack Park*, Syracuse University Press, Syracuse, NY, 2009.
25. Erickson, J.D., "The Park in Perspective," pp. 193-205 (part II introduction) in W.F. Porter, J.D. Erickson, and R.S. Whaley (Eds.), *The Great Experiment in Conservation: Voices from the Adirondack Park*, Syracuse University Press, Syracuse, NY, 2009.
26. Erickson, J.D., Cox, G., Woods, A. and W.F. Porter, "Public Opinion and Public Representation: Strategies in Bio-Regional Development," pp. 393-403 (chapter 27) in W.F. Porter, J.D. Erickson, and R.S. Whaley (Eds.), *The Great Experiment in Conservation: Voices from the Adirondack Park*, Syracuse University Press, Syracuse, NY, 2009.
27. Erickson, J.D., Porter, W.F. and R.S. Whaley, "The Adirondack Experiment in a Full World," pp. 517-535 (book conclusion) in W.F. Porter, J.D. Erickson, and R.S. Whaley (Eds.), *The Great Experiment in Conservation: Voices from the Adirondack Park*, Syracuse University Press, Syracuse, NY, 2009.
28. Hermans, C., Howarth, R.B., Noordewier, T. and J.D. Erickson, "Constructing Preferences in Structured Group Deliberative Processes," pp. 50-79 in C. Zografos and R. Howarth (Eds.), *Deliberative Ecological Economics*, Oxford University Press, Oxford, UK, 2008.
29. Hermans, C., Erickson, J., Sheldon, A., Noordewier, T. and M. Kline, "Collaborative Environmental Planning in River Management: an Application of Multicriteria Decision Analysis in the White River Watershed of Vermont, USA," *Journal of Environmental Management* 84: 534-546, 2007.
30. Fisher, B. and J.D. Erickson, "Growth and Equity: Dismantling the Kaldor-Kuznets-Solow Consensus," pp. 53-71 in J.D. Erickson and J. Gowdy (Eds.), *Frontiers in Ecological Economic Theory and Application*, Edward Elgar, Cheltenham, UK, 2007.
31. Erickson, J.D., Messner, F. and I. Ring, "Ecological Economics at the Watershed Scale: Comparing and Contrasting the United States and German Experiences and Approaches," pp. 3-7 in Erickson et al. (Eds.), *Ecological Economics of Sustainable Watershed Management*, Elsevier, Amsterdam, The Netherlands, 2007.
32. Hong, B., Limburg, K., Hall, M. and J.D. Erickson, "Scenario Analysis of Economy-Ecology Interactions in the Hudson River Basin," pp. 97-112 in Erickson et al. (Eds.), *Ecological Economics of Sustainable Watershed Management*, Elsevier, Amsterdam, The Netherlands, 2007.
33. Nowosielski, A. and J.D. Erickson, "Regional Economic Modeling and Spatial Key Sector Analysis," pp. 167-182 in Erickson et al. (Eds.), *Ecological Economics of Sustainable Watershed Management*, Elsevier, Amsterdam, The Netherlands, 2007.
34. Polimeni, J. and J.D. Erickson, "Residential Location Theory, Modeling, and Scenario Analysis of Urban Growth and Planning," pp. 183-210 in Erickson et al. (Eds.), *Ecological Economics of Sustainable Watershed Management*, Elsevier, Amsterdam, The Netherlands, 2007.
35. Hermans, C. and J.D. Erickson, "Multicriteria Decision Analysis: Overview and Implications for Environmental Decision Making," pp. 213-228 in Erickson et al. (Eds.), *Ecological Economics of Sustainable Watershed Management*, Elsevier, Amsterdam, The Netherlands, 2007.
36. Kane, M. and J.D. Erickson, "Urban Metabolism and Payment for Ecosystem Services: History and Policy Analysis of the New York City Water Supply," pp. 307-328 in Erickson et al. (Eds.), *Ecological Economics of Sustainable Watershed Management*, Elsevier, Amsterdam, The Netherlands, 2007.
37. Mulder, K., Costanza, R. and J. Erickson, "The Contribution of Built, Human, Social and Natural Capital to Quality of Life in Intentional and Unintentional Communities," *Ecological Economics* 59(1): 13-23, 2006.
38. Kobos, P., Erickson, J.D. and T.E. Drennen, "Technological Learning and Renewable Energy Costs: Implications for U.S. Energy Policy," *Energy Policy* 34(13): 1645-1658, 2006.

39. Farber, S., Costanza, R., Childers, D.L., Erickson, J., Gross, K., Grove, M., Hopkinson, C.S., Kahn, J., Pincetl, S., Troy, A., Warren, P. and M. Wilson, "Linking Ecology and Economics for Ecosystem Management," *Bioscience* 56(2): 121-133, 2006.
40. Gowdy, J. and J. Erickson, "Ecological Economics at a Crossroads," *Ecological Economics* 53(1): 17-20, 2005.
41. Gowdy, J. and J.D. Erickson, "The Approach of Ecological Economics," *Cambridge Journal of Economics* 29(2): 207-222, 2005.
42. Limburg, K.E., Stainbrook, K.M., Erickson, J.D. and J.M. Gowdy, "Urbanization Consequences: Case Studies in the Hudson Valley," pp. 23-37 in L.R. Brown, R.H. Gray, R.M. Hughes and M. Meader (Eds.), *Effects of Urbanization on Stream Ecosystems*, American Fisheries Society Symposium 47, Books International, Herndon, VA, 2005.
43. Costanza, R., Erickson, J.D., Fligger, K., Adams, A., Adams, C., Altschuler, B., Balter, S., Fisher, B., Hike, J., Kelly, J., Kerr, T., McCauley, M., Montone, K., Rauch, M., Schmiedeskamp, K., Saxton, D., Sparacino, L., Tusinski, W. and L. Williams, "Estimates of the Genuine Progress Indicator (GPI) for Vermont, Chittenden County, and Burlington, from 1950 to 2000," *Ecological Economics* 51: 139-155, 2004.
44. Erickson, J.D., Limburg, K., Gowdy, J., Stainbrook, K., Nowosielski, A., Hermans, C. and J. Polimeni, "An Ecological Economic Model for Integrated Scenario Analysis: Anticipating Change in the Hudson River Watershed," pp. 341-370 in R. Bruins and M. Heberling (Eds.), *Economics and Ecological Risk Assessment: Applications to Watershed Management*, CRC Press, Boca Raton, FL, 2004.
45. Wright, E. and J.D. Erickson, "Climate Variability, Economic Adaptation, and Investment Timing," *International Journal of Global Environmental Issues* 3(4): 357-368, 2003.
46. Wright, E. and J.D. Erickson, "Incorporating Catastrophes into Integrated Assessment: Science, Impacts, and Adaptation," *Climatic Change* 57(3): 265-286, 2003.
47. Kobos, P., Erickson, J.D. and T.E. Drennen, "Scenario Analysis of Chinese Passenger Vehicle Growth," *Contemporary Economic Policy* 21(2): 208-225, 2003.
48. Hubacek, K., Erickson, J.D. and F. Duchin, "Input-Output Modeling of Protected Landscapes: the Adirondack Park," *Review of Regional Studies* 32(2): 207-222, 2002.
49. Erickson, J.D., "The Future of Economics in the Century of the Environment," *International Journal of Applied Economics and Econometrics* 10(4), Oct.-Dec. 2002.
50. Erickson, J.D., "Economics of Renewable Natural Resources," in J.D. Erickson (Ed.), "Economic Interactions with Other Disciplines: Natural Resource Economics," *Encyclopedia of Life Support Systems (EOLSS)*, Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, 2002 [www.eolss.net].
51. Erickson, J.D., "Economics," pp. 299-300 in N. Eldredge (Ed.), *Life on Earth: An Encyclopedia of Biodiversity, Ecology, and Evolution*, ABC-CLIO, Santa Barbara, CA, 2002.
52. Schläpfer, F. and J.D. Erickson, "A Biotic Control Perspective on Nitrate Contamination of Groundwater from Agricultural Production," *Agricultural and Resource Economics Review* 30(2): 113-126, 2001.
53. Erickson, J.D., "In Search of Sustainable Development: Lessons in Application from the Adirondack Park," pp. 261-280 in J. Köhn, J. Gowdy, and J. van der Straaten (Eds.), *Sustainability in Action: Sectoral and Regional Case Studies*, Edward Elgar, Cheltenham, UK, 2001.
54. Erickson, J.D. and J.M. Gowdy, "Resource Use, Institutions, and Sustainability: A Tale of Two Pacific Island Cultures," *Land Economics* 76(3): 345-354, 2000.
55. Erickson, J.D., "Endangering the Economics of Extinction," *Wildlife Society Bulletin* 28(1): 34-41, 2000.
56. Peterson, G., Cunningham, S., Deutsch, L., Erickson, J.D., Quinlan, A., Raez-Luna, E., Tinch, R., Troell, M., Woodbury, P. and S. Zens, "The Risks and Benefits of Genetically Modified Crops: a Multidisciplinary Perspective," *Ecology and Society* (formerly *Conservation Ecology*) 4(1): 13, 2000.
57. Stagl, S., Hubacek, K., Erickson, J.D. and G. Cox, "A Multi-Criteria Analysis for Open Space Conservation in New York State," pp. 109-126 in M. Makowski and H. Nakayama (Eds.), *Natural*

*Environmental Management and System Analysis*, International Institute for Applied Systems Analysis, Laxenburg, Austria, 2000.

58. Erickson, J.D. and S. O'Hara, "From Top-Down to Participatory Planning: Conservation Lessons from the Adirondack Park, NY, USA," pp. 146-161 in L. Tacconi (Ed.), *Biodiversity and Ecological Economics: Participation, Values and Resource Management*, Earthscan Publications Ltd., London, 2000.
59. Erickson, J.D., Chapman, D., Fahey, T.J. and M.J. Christ, "Nonrenewability in Forest Rotations: Implications for Economic and Ecological Sustainability," *Ecological Economics* 31(1): 91-106, 1999.
60. Erickson, J.D., "Ecological Economics: an Emerging Alternative to Environmental Economics," pp. 351-372 in D. Chapman, *Environmental Economics: Theory, Application, and Policy*, Addison Wesley Longman HarperCollins, 1999.
61. Drennen, T.E. and J.D. Erickson, "Who Will Fuel China?," *Science* 279: 1483, 1998.
62. Erickson, J.D., "Sustainable Development and the Adirondack Park Experience," *Adirondack Journal of Environmental Studies* 5(2): 24-32, 1998.
63. Drennen, T.E., Erickson, J.D. and D. Chapman, "Solar Power and Climate Change Policy in Developing Countries," *Energy Policy* 24(1): 9-16, 1996.
64. Erickson, J.D. and D. Chapman, "Photovoltaic Technology: Markets, Economics, and Development," *World Development* 23(7): 1129-1141, 1995.
65. Chapman, D. and J.D. Erickson, "Residential Rural Solar Electricity in Developing Countries," *Contemporary Economic Policy* 13: 98-108, 1995.
66. Erickson, J.D., Chapman, D. and R. Johnny, "Monitored Retrievable Storage of Spent Nuclear Fuel in Indian Country: Liability, Sovereignty, and Socioeconomics," *American Indian Law Review* 19(1): 73-103, 1994.
67. Erickson, J.D., "From Ecology to Economics: The Case Against CO<sub>2</sub> Fertilization," *Ecological Economics* 8: 157-175, 1993.
68. Erickson, J.D., "The Inefficiency and Unfairness of Tradable CO<sub>2</sub> Permits," *World Resource Review* 5(2): 228-245, 1993.
69. Erickson, J.D. and D. Chapman, "Sovereignty for Sale: Nuclear Waste in Indian Country," *Native Americas Journal* (formerly *Akwe:kon Journal*) 10(3): 3-10, 1993.
70. Wolfe, D.H. and J.D. Erickson, "Carbon Dioxide Effects on Plants: Uncertainties and Implications for Modeling Crop Response to Climate Change," pp. 153-178 in H. Kaiser and T. Drennen (Eds.), *Agricultural Dimensions of Global Climate Change*, St. Lucie Press, Delray Beach, FL, 1993.

## **B. Books**

1. Costanza, R., Erickson, J.D., Farley, J. and I. Kubiszewski (Eds.), *Sustainable Wellbeing Futures: a Research and Action Agenda for Ecological Economics*, 26 chs., Edward Elgar, Cheltenham, UK, 2020.
2. Porter, W.F., Erickson, J.D. and R.S. Whaley (Eds.), *The Great Experiment in Conservation: Voices from the Adirondack Park*, 39 chs., Syracuse University Press, Syracuse, NY, 2009.
3. Erickson, J.D., Messner, F. and I. Ring (Eds.), *Ecological Economics of Sustainable Watershed Management*, 16 chs., Series on Advances in the Economics of Environmental Resources, Elsevier, Amsterdam, The Netherlands, 2007.
4. Erickson, J.D. and J. Gowdy (Eds.), *Frontiers in Ecological Economic Theory and Application*, 17 chs., Edward Elgar, Cheltenham, UK, 2007.
5. Farley, J., Erickson, J.D. and H. Daly, *Ecological Economics: a Workbook for Problem-Based Learning*, 10 chs., Island Press, Washington, DC, 2005.

## **C. Documentary Films**

1. Director, Writer, Producer and Cinematographer, *Waking the Sleeping Giant: the Making of a Political Revolution*, Purple Frog Productions, Premiere at Thin Line Fest, Denton, Texas, April 19, 2017.
  - Winner, Best Documentary Feature, Thin Line Fest

- Official Selections 2017-18: DOXA Documentary Film Festival, St. Louis International Film Festival, Hamilton Film Festival, Vermont International Film Festival, Gimli Film Festival, Change Agent Film Festival, Alexandria Film Festival, International Documentary Film Festival, World Community Film Festival, NorthWestFest
2. Executive Producer, *The Resilient Ones: a Generation Takes on Climate Change*, Bright Blue EcoMedia and Mountain Lake PBS, Broadcast Premiere on Mountain Lake PBS, May 15, 2014.
    - Winner, Best Feature, Colorado Environmental Film Festival, 2015
    - Nominated, 2015 New England Emmy
  3. Producer, *Vermont Energy Independence Day*, Bright Blue EcoMedia, Broadcast Premiere on Mountain Lake PBS, April 25, 2013.
  4. Producer, Executive Producer and Cinematographer, *Lake Defenders*, Bright Blue EcoMedia and Mountain Lake PBS, Broadcast Premiere on Mountain Lake PBS, October 18, 2012.
    - Nominated, 2014 New England Emmy
  5. Executive Producer, *Bloom: the Emergence of Ecological Design*, Part 2 of 4 in Bloom series, Bright Blue EcoMedia, Broadcast Premiere on Mountain Lake PBS, February 29, 2012.
  6. Executive Producer, *Bloom: the Agricultural Renaissance*, Part 3 of 4 in Bloom series, Bright Blue EcoMedia, Broadcast Premiere on Mountain Lake PBS, February 29, 2012.
    - Winner, 2013 New England Emmy
  7. Executive Producer, *Bloom: a New Reverence for Water*, Part 4 of 4 in Bloom series, Bright Blue EcoMedia, Broadcast Premiere on Mountain Lake PBS, February 29, 2012.
  8. Executive Producer, *Transparent Radiation: Rethinking the Future of Nuclear Power*, Premiere at the Vermont International Film Festival, Burlington, Vermont, October 22, 2011.
  9. Executive Producer, *Bloom: the Plight of Lake Champlain*, Bright Blue EcoMedia, Broadcast Premiere on Mountain Lake PBS, December 2, 2010.
    - Winner, 2011 New England Emmy
    - Winner, Farm Footage Award, VT International Film Festival, 2011

#### **D. Working Papers**

1. Spencer, P. and J.D. Erickson, "Maternal Health Campaigns in International Development Agendas: Toward a Socio-Ecological Approach," under review.
2. Wironen, M.B., Bennett, E.M., Darby, H. and J.D. Erickson, "Improving Nutrient Management Planning to Increase Accountability in Agriculture Phosphorus Management and Governance," under revision.

#### **E. Grants**

1. Principal Investigator, "Sustainable Cashmere Project," with J. Murdoch and P. Bose, Gund Institute Catalyst Award, \$41,417, 2019-2020.
2. Project Co-Director, "Leadership for the Ecozoic," Graduate Research and Training Partnership, UVM and McGill Foundation Gift, \$1,800,000, 2018-2021.
3. PI, "Simulating Phosphorus Indices at the Farm Scale in Vermont," with J. O'Neil-Dunne, Lintilhac Foundation, \$30,000, 2018-2019.
4. Co-PI, "Research Agenda for Ecological Economics," w/ Joshua Farley (PI), Conference and Book Grant, Gund Institute for Environment, \$20,000, 2018-2019.
5. Co-PI, "Economics for the Anthropocene," with P. Brown (PI, McGill), Canadian Social Science and Humanities Research Council, 2014-2020, \$2,500,000 (+ \$2,500,000 match).
6. PI, "Forest Foundations of the Genuine Progress Indicator: Macroeconomic Policy and Planning for the Vermont Landscape," Northeastern States Research Coop, 2013-2016, \$119,709.
7. PI, "McIntire-Stennis Cooperative Forestry Research Program," USDA National Institute of Food and Agriculture, 2012-2015, ~\$500,000 annual budget (+ \$500,000 annual match).
8. Co-PI, "Measuring and Modeling Forest Ecosystem Service Trade-offs of Salvage Logging Following Wind Disturbances in Vermont Forests," with K. Wallin (PI, UVM), USDA McIntire-Stennis Forest Research Program, 2012-2016.



9. PI, "The Economics of Conservation," with J. Roman (UVM), Vermont Agency of Natural Resources, 2013-2015, \$35,719 (+ \$10,909 match).
10. Co-PI, "Assessing the Economic Value of Clean Water in the Lake Champlain Basin," with B. Voigt (PI, UVM), Lake Champlain Basin Program, 2014-2015, \$72,891 (+ \$41,976 match).
11. Co-PI, "Strengthening Tanzania Livestock Health and Pastoralist Nutrition and Livelihoods in a Changing Climate," with J. Mazet (PI, UC Davis), Livestock-Climate CRSP, USAID, 2011-2015, \$683,523.
12. PI, USDA Forest Service Joint Research Positions, 2012-2014.
13. PI, "Mobilizing the Genuine Progress Indicator Across the States," Gund Institute Collaborative Research Grant, 2014, \$9,500.
14. Co-PI, "Biodiversity and Cattle Well-Being: Forage Diversity, Microbial Diversity, Herd Health, and Milk Composition," with J. Roman (PI, UVM), UVM REACH Grant, 2012-2014, \$49,836.
15. Co-PI, "Economics for the Anthropocene," with P. Brown (PI, McGill), Canadian Social Science and Humanities Research Council, Pre-Proposal, 2013, \$20,000.
16. Co-PI, "Biodiversity and Livestock Well-Being," with J. Roman (PI, UVM), Gund Institute Collaborative Research Grant, 2013, \$9,500.
17. Co-PI and Team Leader, "Research on Adaptation to Climate Change," National Science Foundation, EPSCoR, 2011-2016, \$20,000,000 [Note: Stepped down in 2012 when appointed Interim Dean].
18. PI, "Transdisciplinary Disease Modeling and Interventions at the Human-Livestock-Wildlife Interface in Semi-Arid Ecosystems of East Africa," Fulbright Fellowship, 2011, \$42,850.
19. Co-PI, "Strengthening Tanzanian Livestock Health and Pastoral Livelihoods in a Changing Climate," with I. Gardner (PI, UC Davis), R. Kazwala (Sokoine Univ. of Ag., Tanzania), J. Mazet (UC Davis), and K. Galvin (Colorado State Univ.), Livestock-Climate CRSP, USAID, 2011-2012, \$80,000.
20. Co-PI, "Long-Term Agroecological Changes in Shade Coffee Landscapes of Latin America: Lessons for Sustainable Livelihoods and Conservation," with V.E. Mendez (PI) and S.T. Lovell, Research Opportunities Grant Program, University of Vermont, 2008-2010, \$45,500.
21. Collaborator, "Evaluation of the Environmental, Economic, and Social Effects of Organic Farming in Norway," Research Council of Norway, 2007-2010, 3,000,000 NOK (~\$500,000).
22. Co-PI, "Health for Animals and Livelihood Improvement, Rungwa-Ruaha Ecosystem, Tanzania," with J. Mazet (PI, UC Davis), P. Coppolillo (Wildlife Conservation Society), and R. Kazwala (Sokoine Univ. of Ag., Tanzania), Global Livestock Collaborative Research Support Program, U.S. Agency for International Development, 2006-2009, \$728,523.
23. Co-PI, "Northern New England Engaged Department Grant," with M. Shannon (PI), K. Wallin, M. Kolan, S. Libby and M. Watzin, Northern New England Campus Compact, Davis Educational Foundation, 2007-2010, \$4000.
24. Co-PI, "Survey of Public Priorities as a Guide for Future Sustainable Investment Strategies," with W.F. Porter (PI, SUNY ESF), G. Cox (Audubon New York) and A. Woods (SUNY ESF), Northeast States Research Cooperative, 2007-2008, \$40,545.
25. Co-PI, "Dynamic Transportation and Land Use Modeling," with A. Troy (PI, UVM), Federal Highway Administration, U.S. Department of Transportation, 2006-2008, \$250,500.
26. PI, "Bottom-Up Strategies for Bio-Regional Policy: Designing Participatory Processes in Legislative Policy Formation," with G. Cox (Audubon New York) and W.F. Porter (SUNY ESF), Northeast States Research Cooperative, 2004-2006, \$82,046.
27. PI, "Multi-Criteria Decision Aid for Northern Forest Lands: Participatory Tools for Balancing Ecological, Social, and Economic Considerations," with R. Howarth (Dartmouth), A. Sheldon (White River Partnership), and M. Wilson, Northeast States Research Cooperative, 2003-2006, \$100,000.
28. PI, "Modeling and Measuring the Process and Consequences of Land Use Change: Case Studies in the Hudson River Watershed," with J. Gowdy (RPI) and K. Limburg (SUNY ESF), Hudson River Foundation, 2000-2004, \$296,750.
29. Collaborator, "Economic and Ecological Impacts of Differentiated Wood Products," with M. Lorenzo (PI, National Wildlife Federation), Northeast States Research Cooperative, 2004, \$50,000.

30. Co-PI, "Regional Sustainability: Bridging Resource Conservation and Economic Development," with J. Gowdy (PI, RPI) and UFZ Centre for Environmental Research (Leipzig, Germany), National Science Foundation, 2001-2002, \$21,000 and 36,000DM.
31. PI, "A Market Diffusion Analysis for Renewable Energy Options using Learning Curves," Sandia National Laboratories, 2001-2002, \$66,035.
32. Co-PI, "Land Use as a Driver of Ecological Change in the Wappingers and Fishkill Creeks, Hudson River Valley, New York," with D. Burns (PI, Dutchess County), K. Limburg (SUNY ESF) and Dutchess County Water Quality Strategy Committee, Hudson Valley Regional Council, 2002, \$4,500.
33. PI, "Modeling the Lake George Watershed Economy: a pilot education and training project," Lake George Association, Summer 2001, \$6,825.
34. Co-PI, "Hudson River Waterfront Development Project: Economic Impact Study," with J. Gowdy, Center for Economic Growth of the Rockefeller Institute and NYS Dept. of State, Spring 2001, \$36,000.
35. Project Leader, MapInfo, Inc. / Rensselaer Strategic Partnership, Software, Data and Training Investment, 1998-2002, \$1,300,000 (in kind).
36. Co-PI, "Information Technology and Economics for Sustainable Development," with J. Gowdy (RPI), Rensselaer Strategic Investment Grant, 1999-2000, \$32,500.
37. PI, "China's Transportation System in Transition: A Simulation Model of Energy and Development," Sandia National Laboratories, 1999, \$13,875.
38. PI, "China Energy and Greenhouse Gas Modeling," Sandia National Laboratories, 1998, \$4,500.
39. PI, "Sustainable Development and the Adirondack Experience," Rensselaer School of Humanities and Social Sciences, Mini-Grant Program 1997-1998, \$5,000.
40. Conference Planning Grant, "Fourth Annual Conference on the Adirondacks," Cornell Center for the Environment, May 1997, \$1,000.
41. Conference Planning Grant, "Third Annual Conference on the Adirondacks," Cornell Center for the Environment, 1995-1996, \$2,500.
42. PI, "Solar Technology, Feasibility, and Sustainability in the Dominican Republic," Cornell Institute for International Food and Agricultural Development, 1993, \$1,500.

#### **F. Miscellaneous Publications**

1. Erickson, J.D., "Building a Clean Water Economy," *The Independent*, Aug. 23, 2017.
2. Elbehri, A., Challinor, A., Verchot, L., Angelsen, A., Hess, T., Ouled Belgacem, A., Clark, H., Badraoui, M., Cowie, A., De Silva, S., Erickson, J., Joar Hegland, S., Iglesias, A., Inouye, D., Jarvis, A., Mansur, E., Mirzabaev, A., Montanarella, L., Murdiyarso, D., Notenbaert, A., Obersteiner, M., Paustian, K., Pennock, D., Reisinger, A., Soto, D., Soussana, J-F., Thomas, R., Vargas, R., Van Wijk, M. and R. Walker, "FAO-IPCC Expert Meeting on Climate Change, Land Use and Food Security: Final Meeting Report," FAO and IPCC, Jan. 23-25, 2017.
3. Erickson, J.D., "My Turn: Divestment Makes Economic Sense," *Burlington Free Press*, May 1, 2016.
4. Erickson, J.D., "The Economic Case for Divestment," *VT Digger*, Apr. 27, 2016.
5. Voigt, B., Lees, J. and J.D. Erickson, "An Assessment of the Value of Clean Water in Lake Champlain," Lake Champlain Basin Program, 2015.
6. Roman, J. and J.D. Erickson, "Economics of Conservation in Vermont," Vermont Agency of Natural Resources, 2015.
7. Erickson, J.D., Zencey, E., and Z. Zimmerman, "The Bay's State's Genuine Economy: a Report on the Massachusetts Genuine Progress Indicator, 1960-2012," Gund Institute for Ecological Economics and DEMOS, Nov. 12, 2014.
8. Erickson, J.D., Zencey, E., Burke, M.J., Carlson, S., and Z. Zimmerman, "Vermont Genuine Progress Indicator, 1960-2011, Findings and Recommendations," Gund Institute for Ecological Economics, Report to the Vermont General Assembly, Jul. 30, 2013.
9. Zencey, E., Burke, M.J., Carlson, S., Zimmerman, Z., and J.D. Erickson, "Vermont Genuine Progress Indicator, 1960-2011, Technical Report," Gund Institute for Ecological Economics, Working Draft, 2013.

10. Alvez, J.P., Matthews, A., Erickson, J., Farley, J. and A.L. Schmitt, "Dairy Systems and Sustainability," Proceedings of the 5th National Grazing Lands Conference, Orlando, FL, Dec. 9-12, 2012.
11. Voigt, B., Gustafson, C. and J.D. Erickson, "Modeling Zoonotic Disease Regulation under Climate Change Scenarios in Semi-Arid Grasslands: a scoping model of water provisioning services in the Ruaha Landscape of Tanzania," Adapting Livestock to Climate Change Collaborative Research Support Program, Research Brief RB-08-2012, May 2012.
12. Chapter Author, "Sustainable Economic Development in the Lake Champlain Basin," *Opportunities for Action: an Evolving Plan for the Future of the Lake Champlain Basin*, Lake Champlain Basin Program, 2010.
13. Erickson, J.D. and M. Masozera, "Modeling Economic Impacts of Water Scarcity and Disease in Pastoralist Households of the Ruaha Landscape, Tanzania," Global Livestock Collaborative Research Program, Research Brief, 2010.
14. Erickson, J., Kazwala, R., Clifford, D., Coppolillo, P. and J. Mazet, "The One Health Approach: Identifying Solutions to Complex Problems at the Livestock-Wildlife Interface," pp. 15-19 in S.L. Johnson, D. Wolking, and M.W. Demment (Eds.), *Global Livestock CRSP Final Report 2010*, USAID, Mar. 2010.
15. Masozera, M., Erickson, J.D., Clifford, D.L., Coppolillo, P., Kazwala, K., Sadiki, H. and J.A.K. Mazet, "Public Health and Rural Livelihoods under Water Scarcity in the Ruaha Landscape, Tanzania," Global Livestock Collaborative Research Program, Research Brief 10-04-HALI, Jan. 2010.
16. Masozera, M., Erickson, J.D., Clifford, D.L., Coppolillo, P., Nguvava, M., Sadiki, H. and J.A.K. Mazet, "Integrating the Management of the Ruaha Landscape of Tanzania with Local Needs and Preferences," Global Livestock Collaborative Research Program, Research Brief 10-02-HALI, Jan. 2010.
17. Mazet, J.A.K., Clifford, D.L., Coppolillo, P.B., Erickson, J.D. and R.R. Kazwala, "New Medicine for Emerging Zoonoses: Reducing Disease Risk at Human-Animal-Environment Interfaces in Tanzania Using a One-Health Approach," Global Livestock Collaborative Research Program, Research Brief 10-01-HALI, Jan. 2010.
18. Nguvava, M., Clifford, D., Masozera, M., Coppolillo, P., Sadiki, H., Mazet, J. and J. Erickson, "Capturing Women's Voices: Socioeconomics and Gender-Roles in Pastoralist Households in the Ruaha Landscape, Tanzania," Global Livestock Collaborative Research Program, Research Brief 09-03-HALI, May 2009.
19. Coppolillo, P., Clifford, D., Dickman, A., Masozera, M., Nguvava, M., Kazwala, R., Erickson, J. and J. Mazet, "Landscape Factors Associated with Livestock Disease Deaths in Idodi and Pawaga Divisions, Tanzania," Global Livestock Collaborative Research Program, Research Brief 09-01-HALI, May 2009.
20. Masozera, M., Erickson, J., Clifford, D., Coppolillo, P. and M. Nguvava, "Innovative Approaches to Evaluate Household Health and Livelihoods in Pastoral and Agropastoral Communities," Global Livestock Collaborative Research Program, Research Brief 08-03-HALI, Nov. 2008.
21. Erickson, J.D., "Public Knowledge, Open Access," Editorial, *Adirondack Journal of Environmental Studies* 15(1): 4, 2008.
22. Erickson, J.D., "Big Shoes, Next Steps," Editorial, *Adirondack Journal of Environmental Studies* 14(2): 4, 2008.
23. Erickson, J.D. and D. Batker, "Genuine Development in Ecuador," Earth Economics Discussion Paper, Earth Economics, Tacoma, WA, 2007 (also available in Spanish as "Desarrollo Auténtico en Ecuador").
24. Erickson, J.D., "Property Rights," Policy Brief, U.S. Society for Ecological Economics, 2007.
25. Cox, G.L., Erickson, J.D., Porter, W.F. and A.M. Woods, "How would you invest in a sustainable future for your community? North Country respondents make their choices clear in research conducted by SUNY ESF and UVM," *Adirondack Journal of Environmental Studies* 14(1), 2007.

26. Gates, J.E., Dawe, N.K., Erickson, J.D., Farley, J., Geist, V., Hands, H., Magee, P. and D.L. Trauger, "Perspectives on the Wildlife Society's Economic Growth Policy Statement and the Development Process," *Wildlife Society Bulletin* 34(2): 507-511, 2006.
27. Erickson, J.D. and K. Limburg, "Balanced Growth Vital: Uncoordinated Development Harms Watersheds," *Poughkeepsie Journal*, Mar. 7, 2004.
28. Czech, B., Allen, E., Batker, D., Beier, P., Daly, H., Erickson, J., Garrettson, P., Geist, V., Gowdy, J., Greenwalt, L., Hands, H., Krausman, P., Magee, P., Miller, C., Novak, K., Pullis, G., Robinson, C., Santa-Barbara, J., Teer, J., Trauger, D. and C. Willer, "The Irontriangle: why The Wildlife Society needs to take a position on economic growth," *Wildlife Society Bulletin* 31(2): 574-577, 2003.
29. Malczynski, L.A., Paananen, O., Harris, D.L., Baker, A. and J.D. Erickson, "Dynamic Simulation Model of National Security Consequences from Energy Supply Disruptions," Sand Report, SAND2002-3738, Sandia National Laboratories, Albuquerque, NM, Nov. 2002.
30. Trauger, D.L., Czech, B.M., Erickson, J.D., Garrettson, P.R., Kernohan, B.J. and C.A. Miller. "The Relationship of Economic Growth to Wildlife Conservation," *Wildlife Society Technical Review* 2002-2, 2002, 80 pp.
31. Gowdy, J.M. and J.D. Erickson, "The Strange Economics of Sustainability," Letter to the Editor, *Bioscience*, 52(3): 212, 2002.
32. Erickson, J.D. and J.M. Gowdy, "Global Warming Economics," *USSEE Newsletter* 3(1): 3-4, 2002.
33. Erickson, J.D., Book Review: *Environment, Technology and Economic Growth: the Challenge to Sustainable Development* by A. Tylecote and J. van der Straaten (Eds.), *Environmental Values* 10(1): 137-138, 2001.
34. Erickson, J.D., "President's Message," *Adirondack Journal of Environmental Studies*, 7(2), 2000.
35. Erickson, J.D., "Looking at Development and Net Social Revenues," *The Saratogian*, p. 4A, Jan. 5, 1999.
36. Erickson, J.D., "Local Officials Should Pursue Growth through Plugging Leaks," *The Saratogian*, p. 2B, Apr. 20, 1999.
37. Contributing research and writing to Conrad et al., *Modeling the Infrastructure Dynamics of China – Water, Agriculture, Energy, and Greenhouse Gases*, Sand Report SAND98-1715, Sandia National Laboratories, Albuquerque, NM, Aug. 1998.
38. Erickson, J.D. and D. Chapman, "Nuclear Waste in the Wild West," Letter to the Editor, *World-Watch*, 7(2), 1994.
39. Erickson, J.D., "Radioactive Colonialism," *Community Ink*, May 1993.
40. Erickson, J.D., "City of Hope: Curitiba's Innovative Solutions to Urban Problems," *Earthline*, No. 1, 1993.
41. Erickson, J.D., "Gas Pains: Kicking Our Oil Addiction," *Ithaca Times*, Aug. 29, 1991.

### G. Conference Presentations

1. "Design and Meaning of the Genuine Progress Indicator: a Statistical Analysis of the Fifty State Model," with M.J. Fox, Joint Meeting of the Ecological Society of America & U.S. Society for Ecological Economics, Louisville, KY, Aug. 11-16, 2019.
2. "Measure and Modeling Ecosystem Services Following Wind and Salvage Disturbances," with K.F. Wallin (presenter), T. Work, S.L. Pears, and E. Rodriguez, Annual Meeting of the Ecological Society of America, New Orleans, LA, Aug. 5-10, 2018.
3. "Phosphorus Flows and Legacy Accumulation in Vermont, 1925-2012," with M. Wironen (presenter), Lake Champlain Research Conference, Burlington, VT, Jan. 8-9, 2018.
4. "Shaping Policy in the Anthropocene: Gender Justice as a Social, Economic and Ecological Challenge," with P. Spencer (presenter), Joint Conference of the Canadian Society for Ecological Economics & Economics for the Anthropocene, Montreal, QC, Oct. 19-22, 2017.
5. "The Long Shadow of Agricultural Commodity Production: Connecting Farm System, Nutrient Flows, Water Quality, and Regional Economic Contribution," with M. Wironen (presenter), Joint Conference of the Canadian Society for Ecological Economics & Economics for the Anthropocene, Montreal, QC, Oct. 19-22, 2017.

6. "Leading National Energy Transitions One State at a Time: Carbon Pricing Economics and Strategy at Sub-National Scales," Biennial Conference of the International Society for Ecological Economics, Washington, DC Jun. 26-29, 2016.
7. "Education for the Anthropocene," with P. Brown, Biennial Conference of the International Society for Ecological Economics, Washington, DC Jun. 26-29, 2016.
8. "GPI in the Woods – How can Vermont's Genuine Progress Indicator reflect a more accurate value of forests?" with E. Rodriguez (presenter), Biennial Conference of the International Society for Ecological Economics, Washington, DC Jun. 26-29, 2016.
9. "A Socio-Ecological Synthesis of Forest Management in Vermont," with E. Rodriguez (presenter), Joint Meeting of the U.S. & Canadian Societies for Ecological Economics, Vancouver, BC, Oct. 1-4, 2015.
10. "From the Big Bang to the Anthropocene: Economics as if Science Mattered," *100th Meeting of the Ecological Society of America*, Baltimore, MD, Aug. 9-14, 2015.
11. "Forest Succession Modeling, Landowner Motivations, and Ecosystem Service Trade-offs: A mixed methods approach integrating science, society and forest policy in Vermont," with E. Rodriguez (presenter), Northeastern Ecosystem Research Cooperative, Saratoga Springs, Mar. 24-25, 2015.
12. "Freedom in the Anthropocene: the Problem of the Orphan Disciplines," with P. Brown, *13th International Karl Polanyi Conference*, Concordia University, Nov. 6-8, 2014.
13. "Modeling the Energy Transition in the State of Vermont, USA," with C. Clement (presenter) and A. Zia, *13th Biennial Conference of the International Society for Ecological Economics*, Reykjavik, Iceland, Aug. 13-15, 2014.
14. "Genuine Development in the States: a Comparative Analysis of 50 State Economies Using the Genuine Progress Indicator," with M.J. Fox (presenter), K. Bamford, J. Castle, D. Clarke, A. Helling, B. O'Connor, P. Spencer, J. Swain, *13th Biennial Conference of the International Society for Ecological Economics*, Reykjavik, Iceland, Aug. 13-15, 2014.
15. "Measuring and Modeling Forest Ecosystem Service Tradeoffs of Salvage Logging Following Wind Disturbances in Vermont Forests," with E. Rodriguez (poster presenter), *13th Biennial Conference of the International Society for Ecological Economics*, Reykjavik, Iceland, Aug. 13-15, 2014.
16. "A New Vision for Ecological Economics," *7th Biennial Conference of the U.S. Society for Ecological Economics*, Burlington, VT, Jun. 9-12, 2013.
17. "Towards Genuine Progress in the Vermont Economy," *2012 Slow Living Summit*, Brattleboro, VT, May 30 – Jun. 1, 2012.
18. "Modeling Hydrological Services in Shade Grown Coffee Systems: Case Study of the Pico Duarte Region of the Dominican Republic," with L. Gross, N. Agosto Filion, K. Bagstad, B. Voigt, and G. Johnson, *American Geophysical Union Fall Meeting*, San Francisco, CA, Dec. 13-17, 2010.
19. "Forest Management Tradeoffs Under Uncertainty," Invited Speaker, *Northeastern Ecosystem Research Conference*, Saratoga Springs, NY, Nov. 8-10, 2010.
20. "Measuring Genuine Economic Progress in Iceland," with B. Davidsdottir, *11th Biennial Conference of the International Society for Ecological Economics*, Oldenburg, Germany, Aug. 22-25, 2010.
21. "Integrated Strategies to Support Rural Livelihoods and Ecosystem Services Conservation: a case study of the Pico Duarte Coffee Region of the Dominican Republic," Poster, with L. Gross (presenter), V.E. Mendez, A. Karney and C. Franco, *11th Biennial Conference of the International Society for Ecological Economics*, Oldenburg, Germany, Aug. 22-25, 2010.
22. "Alternative Networks to Support Livelihoods and Ecosystem Services Conservation in the Pico Duarte Coffee Region of the Dominican Republic," Poster, with L. Gross (presenter), V.E. Mendez and A. Karney, Water-Ecosystem Services, Drought, and Environmental Justice, Millennium Conference of the Ecological Society of America, Athens, GA, Nov. 9-12, 2009.
23. "Using the One Health Approach to Solve Complex Problems at the Livestock-Wildlife Interface," with J. Mazet (presenter), D. Clifford, P. Coppolillo, T. Stephenson, V. Bleich, W. Boyce and R. Kazwala, *41st Annual Conference of the American Assoc. of Zoo Veterinarians*, Tulsa, OK, Oct. 24-30, 2009.
24. "Environmental and Social Factors Associated with Zoonotic Disease at the Wildlife-Lifestock Interface in Tanzania," with D. Clifford (presenter), R. Kazwala, P. Coppolillo, J. John, H. Sadiki, M.

- Masozera and J. Mazet, *41st Annual Conference of the American Assoc. of Zoo Veterinarians*, Tulsa, OK, Oct. 24-30, 2009.
25. "The One Health Approach: Identifying Solutions to Complex Problems at the Human-Livestock-Wildlife Interface," with R. Kazwala, End of Program Conference, Global Livestock Collaborative Research Support Program, U.S. Agency for International Development, Lake Naivasha, Kenya, Jun. 16-19, 2009.
  26. "Bioregulation of Disease at the Landscape Scale: Analysis of the Human-Livestock-Wildlife Interface in Semi-Arid Ecosystems of East Africa," with M. Masozera (presenter), D. Clifford, H. Sadiki, P. Coppolillo, J. Mazet and R. Kazwala, *5th Biennial Meeting of the U.S. Society for Ecological Economics*, Washington, DC, May 31-Jun. 3, 2009.
  27. "Survey of Public Priorities as a Guide for Future Sustainable Investment Strategies in the Northern Forest," with G. Cox (presenter), A. Woods, T. Holmes and W. Porter, *5th Biennial Meeting of the U.S. Society for Ecological Economics*, Washington, DC, May 31-Jun. 3, 2009.
  28. "Environmental and Social Determinants of Zoonotic Disease Transmission at the Wildlife-Livestock Interface in Tanzania," with D. Clifford (presenter), R. Kazwala, P. Coppolillo, J. John, H. Sadiki, M. Masozera and J. Mazet, *EcoHealth Forum 2008*, Mérida, Mexico, Dec. 1-5, 2008.
  29. "Using the Ecosystem Approach to Solve Complex Health Problems at the Livestock-Wildlife Interface," with J. Mazet (presenter), D. Clifford, P. Coppolillo, T. Stephensen, V. Bleich, W. Boyce and R. Kazwala, *EcoHealth Forum 2008*, Mérida, Mexico, Dec. 1-5, 2008.
  30. "Why Health Matters: Conservation at the Wildlife-Livestock-Human Interface in the Ruaha Ecosystem, Tanzania," with H. Sadiki (presenter), D. Clifford, R. Kazwala, P. Coppolillo, J. John and J. Mazet, *Pathways to Success 2008: Integrating Human Dimensions into Fisheries and Wildlife Management*, Estes Park, CO, Sep. 28-Oct. 2, 2008.
  31. "Evaluating a Sports-based, Adolescent-Targeted HIV Prevention Program in Haitian Migrant Communities in the Dominican Republic," with Z. Kaufman (presenter), R. Welsch and S. Craig, *17th International AIDS Conference*, Poster Session, Mexico City, Mexico, Aug. 3-8, 2008.
  32. "Assessing the Health and Economic Impacts of Zoonotic Disease and Water Scarcity at the Wildlife-Livestock-Human Interface in Tanzania," with D. Clifford (presenter), R. Kazwala, P. Coppolillo and J. Mazet, *2nd International Conference on Health and Biodiversity*, Galway, Ireland, Feb. 25-28, 2008.
  33. "Health for Animals and Livelihood Improvement (HALI) in the Ruaha Ecosystem, Tanzania," with D.L. Clifford (presenter), R. Kazwala, P. Coppolillo, D. Kambarage, T. Mlengeya and J. Mazet, *21st Annual Meeting of the Society for Conservation Biology*, Special Session: Examining the Links between Health and Biodiversity, Port Elizabeth, South Africa, Jul. 1-5, 2007.
  34. "Bottom-Up Strategies for Bio-Regional Policy: Designing Participatory Processes in Legislative Policy Formation," with G. Cox (presenter), *4th Biennial Meeting of the U.S. Society for Ecological Economics*, Pace University, New York, NY, Jun. 23-27, 2007.
  35. "Interdisciplinary Modeling Framework Assessing How Human Socio-Economic Activities on the Landscape Affect Stream Ecosystem Condition," with B. Hong (presenter), K. Limburg and J. Gowdy, *4th Biennial Meeting of the U.S. Society for Ecological Economics*, Pace University, New York, NY, Jun. 23-27, 2007.
  36. "Rural Communities, Landscapes and Economies in Post-Industrialized Societies – Balancing the Urban," with K. Refsgaard (presenter) and J. Bryden, *7th International Conference of the European Society for Ecological Economics*, Leipzig, Germany, Jun. 5-8, 2007.
  37. "North Country Survey Tells How Respondents Would Invest for a Sustainable Future," with G. Cox (presenter), W. Porter and A. Woods, *14th Annual Conference on the Adirondacks*, Natural History Museum of the Adirondacks, Tupper Lake, NY, May 22-24, 2007.
  38. "Grassroot Soccer: Using Sport for Health Education and Social Change," *3rd Biennial Meeting of the U.S. Society for Ecological Economics*, Tacoma, WA, Jul. 20-23, 2005.
  39. "An Ecological Economics Capital Stock Approach to Quality of Life Assessment in Burlington, Vermont, USA," with J. Kelly and Fall 2003 Ecological Economics class, *Sustainable Communities 2004*, Burlington, VT, Jul. 14-18, 2004.

40. "Problem-Based Learning in Ecological Economics," with J. Farley, *8th Biennial Conference of the International Society for Ecological Economics*, Montreal, Canada, Jul. 11-14, 2004.
41. "Private Owners, Public Values: Citizen Participation in Designing Sustainable Forest Management," with C. Hermans, J. Bouton, R. Howarth, A. Sheldon and M. Wilson, *8th Biennial Conference of the International Society for Ecological Economics*, Montreal, Canada, Jul. 11-14, 2004.
42. "Breaking the Back of Cumulative Causation: Policies in Light of the Failures of Growth Theory," with B. Fisher (presenter), *8th Biennial Conference of the International Society for Ecological Economics*, Montreal, Canada, Jul. 11-14, 2004.
43. "Multicriteria Decision-Making in Watershed-Level Environmental Management," with C. Hermans (presenter), *8th Biennial Conference of the International Society for Ecological Economics*, Montreal, Canada, Jul. 11-14, 2004.
44. "An Application of Multi-Criteria Decision Analysis to a Complex Political Decision-Making Process in the Northern Forest, USA," with G. Cox (presenter), *8th Biennial Conference of the International Society for Ecological Economics*, Montreal, Canada, Jul. 11-14, 2004.
45. "Economic Theory in Crisis: Implications for the Wildlife Profession," Symposium on Sustainability Science and the Wildlife Profession, *The Wildlife Society 10th Annual Conference*, Burlington, VT, Sep. 2003.
46. "Urbanization Causes and Consequences: Case Studies in the Hudson River Watershed," with K. Limburg (presenter), K. Stainbrook, and J. Gowdy, *Annual Meeting of the American Fisheries Society*, Quebec City, Canada, Aug. 2003.
47. "Evaluating Sustainable Forest Management Alternatives: an Application of Multi-Criteria Decision Analysis (MCDA)," with G. Cox (presenter), *2nd Biennial Conference of the U.S. Society for Ecological Economics*, Saratoga Springs, NY, May 22-24, 2003.
48. "An Application of Outranking MCDM in Land-Use Planning," with C. Hermans (presenter), *2nd Biennial Conference of the U.S. Society for Ecological Economics*, Saratoga Springs, NY, May 22-24, 2003.
49. "Examining Urban-Rural Interdependence: A New Perspective on Questions of Urban Water Supply," with M. Kane (presenter), *2nd Biennial Conference of the U.S. Society for Ecological Economics*, Saratoga Springs, NY, May 22-24, 2003.
50. "Modeling and Measuring Economic Drivers and Ecosystem Health: Case Studies in the Hudson River Watershed," with K. Limburg (presenter), *Healthy Ecosystems, Healthy People: Inaugural Meeting of the International Society for Ecosystem Health*, Washington, DC, Jun. 7-10, 2002.
51. "Participatory Scenario Analysis in the Hudson River Watershed, New York, USA," with J. Gowdy (presenter), K. Limburg, A. Nowosielski, J. Polimeni and K. Stainbrook, *7th Biennial Conference of the International Society for Ecological Economics*, Sousse, Tunisia, Mar. 6-9, 2002.
52. "Simulating Residential Development from Economic Trends in the Hudson River Valley, New York State, USA," with J. Polimeni (presenter), *7th Biennial Conference of the International Society for Ecological Economics*, Sousse, Tunisia, Mar. 6-9, 2002.
53. "Modeling and Measuring Economic Drivers and Ecosystem Health: Case Studies in the Hudson River Watershed," with K. Limburg (presenter), J. Gowdy, A. Nowosielski, J. Polimeni and K. Stainbrook, *16th Biennial Conference of the Estuarine Research Federation*, St. Pete Beach, FL, Nov. 4-8, 2002.
54. "Input-Output Modeling of Protected Landscapes: the Adirondack Park," *8th Annual Conference on the Adirondacks*, Saranac Lake, NY, May 23-24, 2001.
55. "Passenger Transport Development in China: Evaluating the Technology and Policy Options," with P. Kobos (presenter) and T. Drennen, *21st Annual North American Conference of the International Association for Energy Economics*, Philadelphia, PA, Sep. 24-27, 2000.
56. "A Multi-Criteria Analysis for Open Space Conservation in New York State," with S. Stagl (presenter), G. Cox and K. Hubacek, *Natural Environmental Management and Applied System Analysis*, International Institute for Applied Systems Analysis, Laxenburg, Austria, Sep. 6-8, 2000.
57. "Chinese Passenger Vehicle Use: A Dynamic Simulation Model," with P. Kobos and T. Drennen, *Western Economics Association International 75th Annual Conference*, Vancouver, British Columbia, Jun. 29-Jul. 3, 2000.

58. "Catastrophe, Uncertainty, and Climate Change Economics," with E. Wright (presenter), *Western Economics Association International 75th Annual Conference*, Vancouver, British Columbia, Jun. 29-Jul. 3, 2000.
59. "Information Technology and Economics for Sustainable Development," *Strategic Investment Poster Session*, Rensselaer Polytechnic Institute, Troy, NY, Nov. 29-Dec. 3, 1999.
60. "The Steady State Economy and Wildlife Conservation," Symposium on Thinking Globally and Acting Locally for Wildlife Conservation, *The Wildlife Society 6th Annual Conference*, Austin, TX, Sep. 10, 1999.
61. "Sustainable Land Use Design: An Input-Output Analysis of the Adirondacks of New York State, USA," with K. Hubacek and F. Duchin, *5th Biennial Meeting of the International Society for Ecological Economics*, Santiago, Chile, Nov. 15-19, 1998.
62. "International Trade and Carbon Embodiment: Loopholes in the Kyoto Protocol," with M. Zhang (presenter) and T. Drennen, *19th Annual North American Conference of the International Association for Energy Economics*, Albuquerque, NM, Oct. 18-21, 1998.
63. "Input-Output Modeling of Multiple Land Uses in the Adirondack Park," with K. Hubacek (presenter) and F. Duchin, *1998 National IMPLAN Conference*, Wash., DC, Oct. 15-16, 1998.
64. "Accounting for Wildlife and Habitat as Natural Capital," Symposium on the Importance of Ecological Economics to Wildlife Conservation, *The Wildlife Society 5th Annual Conference*, Buffalo, N.Y., Sep. 1998.
65. "Tax Incentives and the Forest Landscape," *5th Annual Conference on the Adirondacks*, Saranac Lake, NY, May 20-22, 1998.
66. "Simulating Land-Use Change in the Lake George Watershed: An Impact Assessment and GIS Development," *5th Annual Conference on the Adirondacks*, Saranac Lake, NY, May 20-22, 1998.
67. "An Application of a Multi-Criteria Decision Model to Open Space Conservation Choices," with M. Kane (presenter) and G. Cox, *5th Annual Conference on the Adirondacks*, Saranac Lake, NY, May 20-22, 1998.
68. "Sustaining Economic Growth and Ecological Integrity in the Adirondack Park: Mission Implausible?" *4th Annual Conference on the Adirondacks*, State University of New York College of Environmental Science and Forestry, Syracuse, NY, May 19-20, 1997.
69. "Market-Based Policies and Environmental Values: An Application of Forest Succession Modeling to Economic and Ecosystem Management in the Northern Hardwood Forest," *4th Biennial Meeting of the International Society for Ecological Economics*, Boston University, Aug. 4-7, 1996.
70. "The Adirondack Research Consortium World Wide Web Page," Poster Session, *3rd Annual Conference on the Adirondacks*, Great Camp Sagamore, Raquette Lake, NY, May 13-14, 1996.
71. "Solar Power: Technology, Economic Feasibility, and Development," with D. Chapman, *68th Annual Conference of the Western Economics Association International*, Lake Tahoe, NV, Jun. 20-24, 1993.
72. "Solar Power and Climate Change Policy in Developing Countries," with T. Drennen (presenter) and D. Chapman, *68th Annual Conference of the Western Economics Association International*, Lake Tahoe, NV, Jun. 20-24, 1993.

## **H. Research Positions and Consulting**

1. Consultant, Energy Independent Vermont, 2014 – 2016 (with funding from John Merck Fund).
2. Consultant, Earth Economics, Seattle, WA, 2006 – 2010.
3. Consultant, "U.S. Energy Security Project," Sandia National Laboratories, Nov. 2001 – Oct. 2002.
4. Consultant, "China Energy & Greenhouse Gas Emission Project," Sandia National Labs, 1997 – 1998.
5. Research Assistantship (non-dissertation/thesis)
  - Stochastic Control Applications to Climate Policy, Spring 1995.
  - Renewable Energy Economics, Technology, and Policy, Fall 1993.
6. Research Support Specialist, U.S. Agency for International Development, Environmental Policy and Training Project (Cornell), Nov. 1992 – Aug. 1993.
7. Administrative Assistant, Energy, Industry, and the Urban Environment Group of U.S. Agency for International Development Project (Cornell), Part-time, Summer/Fall 1992.



8. Research Assistant/Computer Programmer, Rockefeller Foundation Project (Cornell), “Economic Development and Climate Change,” Summer 1991.

#### **IV. TEACHING**

##### **A. University of Vermont (2002 – current)**

###### **Undergraduate Courses**

NR 6 – Race and Culture in Natural Resources (diversity requirement)  
NR 104 – Social Processes & the Environment (year 2 core for all Rubenstein School majors)  
NR 205 – Ecosystem Management: Integrating Science, Society & Policy (year 3 core)  
ENVS 151 – Intermediate Environmental Studies (year 2 core for all Environ. Studies majors)  
ENVS/NR 141 – Introduction to Ecological Economics (problem-based)  
FOR/RM 152 – Forest Resource Values (problem-based)  
NR/PSS/CDAE 285 – EcoVillage Design (problem-based)  
ASCI 298 – Conservation Medicine in the Developing World (travel-study)  
ENVS/CDAE 295 – HIV/AIDS Prevention Education in Migrant Communities (travel-study)  
ENVS/RM 295 – The Adirondacks: Regional Sustainable Development (travel-study)  
ENVS/RM 295 – Winter Sports Culture, Community, and Economy (travel-study)  
HCOL 196 – Consilience: the Quest for Unity of Knowledge (honors class)  
NR 199 – Honors Seminar: Ecological Economics (honors class)

###### **Graduate Courses**

BSAD/NR 295 – Sustainable Business (summer intensive)  
NR/CDAE 341 – Ecological Economic Theory (both in classroom, and online)  
NR 385 – Alternative Economic Indicators (problem-based)  
NR 385 – Measuring Genuine Economic Progress in Iceland (travel-study)  
NR 385 – Vermont Field Studies (1 credit field course for incoming MS students)  
NR 385 – Adaptive System Management in the Lake Champlain Basin (summer field course)  
NR 385 – Population and Environment (summer field course)  
NR 378/385 – Adirondacks: the Great Experiment in Conservation (co-taught with SUNY ESF)  
NR 378 – Integrating Analyses of Natural Resource Issues (MS requirement)

###### **Guest Lectures**

ENVS 1 – Introduction to Environmental Studies  
ENVS 2 – International Environmental Studies  
ENVS 201 – Research Methods  
ASCI 171 – Zoos, Exotics, and Endangered Species  
ASCI 181 – Animal Science Career Seminar  
ASCI 272 – Advanced Zoos, Exotics, and Endangered Species  
ENSC 185 – Greening of Rubenstein School  
PRT 1 – Introduction to Recreation and Tourism  
NR 2 – Nature & Culture  
NR 95 – Earth 101  
NR 220 – Landscape Ecology  
NR 342 – Ecosystem Services  
NR 343 – Ecological Economic Methods  
NR 378 – Integrating Analyses of Natural Resource Issues  
NR 395 – Professional Research Skills  
WFB 174 – Principles of Wildlife Management  
CDAE 3 – Introduction to Development in the Caribbean and Central America  
CDAE 61 – Principles of Community Development Economics  
CDAE 186 – Sustainable Development of Small Island States  
CDAE 195 – Waste to Energy

CDAE 253 – Macroeconomics of Applied Economics  
Continuing & Distance Ed – Campus Sustainability Professional Certificate  
GreenHouse Seminar – Promoting Ecological Literacy in Local Communities  
HCOL Seminar – Does Science Really Matter?  
BSAD 173 – Operations Management  
MBA 301 – World Challenges: Physical and Social Realities

**Visiting Lectures**

High School for Environmental Studies, New York, NY – UVM Visits  
Marlboro College, Brattleboro, VT – Introductory Environmental Studies  
Memorial University, Corner Brook, Newfoundland, Canada – Ecological Economics  
McHenry County College, Crystal Lake, IL – Global Environment  
Rollins College, Winter Park, FL – Environmental Economics  
South Burlington High School, VT – Sustainable Development; Public Interest and World Affairs  
SUNY College of Environmental Science & Forestry, Syracuse, NY – Hudson River Watershed  
Western State College, Gunnison, CO – Ethnology; Environmental Ethics

**B. University of Iceland (2008 – current)**

Visiting Instructor, Environment and Natural Resources Masters Program, teaching:

- “Ecological Economics,” 1 credit fall intensive in 2008-10, 2012-13, 2015, 2017-19
- “Measuring Genuine Economic Progress,” held jointly with UVM course, May 2010

**C. EnviroVet Summer Institute (2005 – 2010)**

Program Faculty, teaching:

- “Economics of Ecosystem Health,” White Oak Conserv. Ctr., Yulee, FL, June 2005-2008, 2010
- “Economics of Marine Fisheries,” Developing Country Session, Tanzania, July 2009

**D. Rensselaer Polytechnic Institute (1997 – 2002)**

**Graduate Courses**

Ecological Economics; Natural Resource Economics; Regional Economics; Quantitative Methods

**Undergraduate Courses**

Freshman Studies: Global Economy in the Information Age; Introductory Economics

**Independent Studies**

Environmental Auditing; Dynamic Systems Simulation; Energy Economics; Neuro-Networks and Forecasting; Spatial Economics and GIS; Environmental Risk Assessment; Urban Economic Issues

**Guest Lectures**

Ecological Economics, Values, & Policy (grad.); Environmental Economics (grad.); Environmental Politics and Policy; One Mile on the Hudson

**E. Cornell University (1991 – 1997)**

**Lecturer**

Statistics

- Junior-level required introduction to statistics, Spring 1997, Summer 1995, Spring 1994
- Graduate-level applied statistics, Nitra, Slovakia, Fall 1995

**Teaching Assistant**

Mathematical Programming, Fall 1994  
Economics of the Public Sector, Spring 1992  
Statistics, Fall 1991

- Awarded “College of Agriculture & Life Sciences Outstanding Teaching Assistant”

**Guest Lectures**

Critical Issues in Conservation and Sustainable Development

Environmental Economics (grad.)  
Natural Resource Economics  
Systems of Native American Land Management

## **VI. ADVISING**

### **A. Post-Doctoral Associates**

1. Matthew Burke, "Leadership for the Ecozoic," UVM, 2019 – current.
2. Brian Voigt, "Strengthening Tanzania Livestock Health and Pastoralist Nutrition and Livelihoods in a Changing Climate," UVM, 2011 – 2012.
3. Carol Franco, "Genuine Development in the Dominican Republic: Macroeconomic Indicators and Policy Reform in a post-Washington Consensus Era," UVM, 2008 – 2009.
4. Graham Cox, "Bottom-Up Strategies for Bio-Regional Policy: Designing Participatory Processes in Legislative Policy Formation," UVM, 2004 – 2006.

### **B. Graduate Students**

#### *Doctoral Supervision*

1. Nina Smolyar, Natural Resources, UVM, in progress.
2. Rigoberto Melgar-Melgar, Natural Resources, UVM, in progress.
3. Jolyon Larson, Natural Resources, UVM, in progress.
4. Kelly Hamshaw, Natural Resources, UVM, in progress.
5. Bonnie Pratt, Natural Resources, UVM, in progress.
6. Eduardo Rodriguez, Natural Resources, UVM, in progress.
7. Michael Wironen, "Governing Environmental and Economics Flows in Regional Food Systems," Natural Resources, UVM, May 2018.
8. Mairi-Jane Fox, "Designing for Economic Success: A 50-State Analysis of the Genuine Progress Indicator," Natural Resources, UVM, Feb. 2017.
9. Phoebe Spencer, "Shaping Policy in the Anthropocene: Gender Justice as a Social, Economic and Ecological Challenge," Natural Resources, UVM, Feb. 2017.
10. Christopher Clement, "Renewable Energy Transition: Dynamic Systems Analysis, Policy Scenarios, and Trade-offs for the State of Vermont," Natural Resources, UVM, May 2016.
11. Charles Kerchner, "Sustainable Financing of Protected Areas: Application of Valuation Tools to Overcome Barriers," Natural Resources, UVM, Aug. 2013.
12. Juan Alvez, "Dairy Management, Ecosystem Services, and Sustainable Livelihoods," Natural Resources, UVM, May 2012.
13. Nathan Hagens, "Towards an Applied Net Energy Framework," Natural Resources, UVM, Feb. 2011.
14. Michel Masozera, "Ecological Services and Protected Area Management in Africa: Case Studies in Tanzania, Rwanda, and Madagascar," Natural Resources, UVM, 2009.
15. Caroline Hermans, "Methods in Collaborative Decision-Making: Managing Group Deliberative Processes in Watershed Communities," Natural Resources, UVM, Feb. 2006.
16. Mindy Kane, "Shared Futures of City and Country: a Total Flows Analysis of Urban-Rural Ecological Economic Dependence in New York City's Catskill Delaware Watershed," Ecological Economics, RPI, Aug. 2003.
17. Graham Cox, "Applying Multicriteria Decision Analysis in Participatory Planning for Sustainable Management of the New York State Forest," Ecological Economics, RPI, May 2003.
18. Peter Kobos, "The Implications of Renewable Energy Research and Development: Policy Scenario Analysis with Experience and Learning Effects," Ecological Economics, RPI, Dec. 2002.
19. John Polimeni, "A Dynamic Spatial Simulation of Residential Development in the Hudson River Valley, New York State," Ecological Economics, RPI, Aug. 2002.
20. Audra Nowosielski, "Geo-Referenced Social Accounting with Application to Integrated Watershed Planning in the Hudson River Valley," Ecological Economics, RPI, Aug. 2002.

21. Evelyn Wright, "Catastrophe, Uncertainty, and the Costs of Climate Change Damage," Ecological Economics, RPI, Dec. 2000.

***Masters Supervision***

1. Sam Carlson, "Solar Farming in Vermont – What’s the Harvest?" Natural Resources, UVM, May 2016.
2. Marcela Pino, "Agrobiodiversity and Food Security in Coffee Growing Communities of Nicaragua," Natural Resources, UVM, May 2014 (co-supervised with V.E. Mendez).
3. Lee Gross, "Sustainable Livelihoods through Shade Coffee Cooperatives in the Dominican Republic," Natural Resources, UVM, May 2011 (co-supervised with V.E. Mendez).
4. Keri Davis, "Evaluating Economic Renewal and Environmental Performance Opportunities for Vermont’s Wood Products Industry," Natural Resources, UVM, May 2006.
5. Maura Flight, "Applying the Analytic Hierarchy Process to Off-Road-Vehicle Management in Endangered Species Habitat: a Case Study of Duxbury Beach, Massachusetts," Economics, RPI, Dec. 2000.
6. Peter Kobos, "Growth in Passenger Vehicle Ownership in China: Oil Demand, Carbon Emissions and Policy Implications," Economics, RPI, May 2000.
7. Min Zhang, "International Trade and Climate Change Policy: Identifying and Closing the Carbon Loophole," Economics, RPI, May 1999.
8. Graham Cox, "Protecting the Forest Lands as a Renewable Economic Base for the Adirondack Park," Economics, RPI, Aug. 1998.

***Graduate Committee Member***

University of Vermont	Ph.D.	Natural Resources, 13 completed, 3 in progress Plant & Soil Sciences, 2 completed
	M.S.	Natural Resources, 18 completed, 1 in progress Community Develop. & Applied Economics, 8 completed Field Naturalist, 1 completed, 1 in progress
Rensselaer Polytechnic Institute	Ph.D.	Ecological Economics, 9 completed Managerial Economics, 1 completed
	M.S.	Economics, 2 completed
External Member	Ph.D.	Leibniz-Centre for Agric. Landscape Research, Germany, 1 completed University of Iceland, 1 completed, 1 in progress SUNY College of Environmental Science and Forestry, 1 completed
	M.S.	Wageningen Agricultural University, The Netherlands, 1 completed

**C. Undergraduate Students**

***Thesis Advising***

University of Vermont	B.S.	Environmental Studies, 22 completed (4 w/ honors) Environmental Sciences, 1 completed Natural Resource Planning, 1 completed w/ honors Integrated Natural Resources, 1 completed Community Develop. & Applied Economics, 1 completed w/ honors
	B.A.	Economics, 1 completed w/ honors
Rensselaer Poly. Inst.	B.S.	Economics/Biology, 1 completed

### ***Curricular Advising***

University of Vermont Environmental Studies, 2003 – 2004, 2014 – current  
Parks, Recreation and Tourism, 2002 – 2013, 2014 – 2016  
First-Year Advisor, Rubenstein School, 2013 – 2014

Rensselaer Poly. Inst. Economics; Information Technology; and other dual majors with economics

## **VII. OTHER ACTIVITIES AND HONORS**

### **A. Honors and Awards**

1. Inductee, Inaugural Athletic Hall of Fame, North Country Community College, Sep. 22, 2017.
2. Winner, Best Documentary Feature, “Waking the Sleeping Giant: the Making of a Political Revolution,” Thin Line Fest, Denton, TX, Apr. 19-23, 2017.
3. Bernardo Aguilar Award, U.S. Society for Ecological Economics, awarded to the Steering Committee of Economics for the Anthropocene, 2015.
4. Nominated, Boston/New England Emmy Award for Outstanding Documentary, “The Resilient Ones: a Generation Takes on Climate Change,” National Academy of Television Arts and Sciences, 2015.
5. Winner, Best Feature, “The Resilient Ones: a Generation Takes on Climate Change,” Colorado Environmental Film Festival, Golden, CO, Oct. 19-21, 2014.
6. Nominated, Boston/New England Emmy Award for Outstanding Environmental Program, “Lake Defenders,” National Academy of Television Arts and Sciences, 2014.
7. Winner, Boston/New England Emmy Award for Outstanding Environmental Program, “Bloom: the Agricultural Renaissance,” National Academy of Television Arts and Sciences, 2013.
8. Nominated, Graduate Student Senate Award for Excellence in Teaching, University of Vermont, 2013.
9. Winner, Farm Footage Award, “Bloom: the Plight of Lake Champlain,” Vermont International Film Festival,” 2011.
10. Winner, Boston/New England Emmy Award for Outstanding Environmental Program, “Bloom: the Plight of Lake Champlain,” National Academy of Television Arts and Sciences, 2011.
11. Adirondack Literary Award for Collected Works of Non-Fiction, Adirondack Center for Writing, 2010.
12. Finalist, Engaged Scholar Award, Vermont Campus Compact, 2010.
13. Marcia Caldwell Award, Rubenstein School, University of Vermont, 2005.  
Awarded annually by the student body for “commitment and dedication to the students of the Rubenstein School of Environment and Natural Resources”
14. Outstanding Service Learning Faculty, University of Vermont, 2005.
15. Service Learning Award, University of Vermont, 2004.  
Co-winner with Robert Costanza of the campus-wide inaugural award
16. Home Town Hero Award, Saratoga Convention and Tourism Bureau, 2003.
17. Award of Merit, National Environmental Coalition of Native Americans, 1996.
18. Hung Wo and Elizabeth Ching Fellowship, Cornell University, Summer 1995.
19. Kieckhefer Adirondack Research Fellowship, College of Agriculture & Life Sciences, Cornell University, 1994-1995.
20. Stephen B. and Janice G. Ashley Fellowship, Cornell University, Summers 1994 & 1996, Fall 1995.
21. Honorable Mention, G. F. Warren Publications Award, Cornell University, 1993, 1995.
22. College of Agriculture and Life Sciences Outstanding Teaching Assistant, Cornell University, 1992.
23. Peer Tutor Award, North Country Community College, 1989.
24. Business Administration Award, North Country Community College, 1989.
25. Feinburg Scholarship, North Country Community College, 1989.

## **B. Conference Organization**

1. Faculty Mentor, *5th Annual Vermont Youth Climate Summit*, Burlington, VT, Sep. 24, 2018.
2. Faculty Mentor, *4th Annual Vermont Youth Climate Summit*, Burlington, VT, Dec. 1, 2017.
3. Faculty Mentor, *3rd Annual Vermont Youth Climate Summit*, Burlington, VT, Nov. 18, 2016.
4. Co-Organizer & Facilitator, *2nd Annual Vermont Youth Climate Summit*, Burlington, VT, Nov. 20, 2015.
5. Conference Committee Member, *Creating Prosperity and Opportunity Confronting Climate Change*, Annual Summit of the Vermont Council on Rural Development, Randolph, VT, Feb. 18, 2015.
6. Co-Organizer & Facilitator, *Vermont Youth Climate Summit*, Burlington, VT, Dec. 5, 2014.
7. Co-Organizer & Facilitator, *Walmart to Walden Pond: Workshop on the Economic Incentive for Conservation*, Vermont Agency of Natural Resources, Montpelier, VT, Oct. 30, 2014.
8. Co-Chairperson & Organizer, *7th Biennial Conference of the U.S. Society for Ecological Economics*, Burlington, VT, June 9-12, 2013.
9. Co-Chairperson & Organizer, *4th Annual Biophysical Economics Meeting*, Burlington, VT, Oct. 26-28, 2012.
10. Co-Organizer, *Measuring What Matters – Gross National Happiness USA Conference*, Burlington, VT, May 30, 2012.
11. Conference Committee Member, *3rd Biennial Meeting of the United States Society for Ecological Economics*, Tacoma, WA, July 20-23, 2005.
12. Scientific Evaluation Committee Member, *8th Biennial Conference of the International Society for Ecological Economics*, Montreal, Canada, July 11-14, 2004.
13. Chairperson & Organizer, *2nd Biennial Meeting of the United States Society for Ecological Economics*, Saratoga Springs, NY, May 22-24, 2003.
14. Chairperson & Organizer, *8th Annual Conf. on the Adirondacks*, Saranac Lake, NY, May 23-24, 2001.
15. Co-Chairperson & Organizer, *7th Annual Conf. on the Adirondacks*, Saranac Lake, NY, May 24-26, 2000.
16. Co-Chairperson & Organizer, *3rd Annual Conf. on the Adirondacks*, Raquette Lake, NY, May 13-14, 1996.
17. Organizing Committee Member, “Symposium on Sustainability,” National Science Foundation Grant, Clarkson University Center for Environmental Management, Potsdam, NY, June 16-19, 2001.

## **C. Committees, Testimony, and Reviews**

1. Testimony, “Global Warming Solutions Act,” House Committee on Energy and Technology, Vermont General Assembly, Jan. 22, 2020.
2. Testimony, “An Act Relating to Fossil Fuel Infrastructure,” House Committee on Energy and Technology, Vermont General Assembly, Apr. 2, 2019.
3. Testimony, “Hearing on Act 250 Changes,” House Committee on Natural Resources, Fish, and Wildlife, Vermont General Assembly, Feb. 5, 2019.
4. Testimony, “Vermont Genuine Progress Indicator: Update and Next Steps,” Senate Committee on Government Operations, Vermont General Assembly, Jan. 25, 2019.
5. Proposal Review Committee, McIntire-Stennis Cooperative Forestry Research Program, Rubenstein School of Environment and Natural Resources, UVM, Dec. 21, 2018.
6. Proposal Review Committee, Irving Institute for Energy and Society, Dartmouth College, Dec. 19, 2018.
7. Testimony, “Approaches to Greenhouse Gas Reductions,” House Committee on Natural Resources, Fish, and Wildlife, Vermont General Assembly, Feb. 8, 2018.
8. Project Advisory Committee, “Social and Economic Impacts of the Acidification and Potential Recovery of Adirondack Ecosystems,” New York State Energy and Research Authority, 2014-2016.
9. Testimony, “Carbon Pollution Tax,” Joint Hearing of House Committee on Natural Resources and Energy with House Committee on Ways and Means, Vermont General Assembly, Apr. 9, 2015.
10. Testimony, “Vermont Genuine Progress Indicator: 2013 Update,” House Committee on Natural Resources and Energy, Vermont General Assembly, Mar. 18, 2015.

11. Testimony, "Vermont Genuine Progress Indicator: Annual Update," Senate Committee on Government Operations, Vermont General Assembly, Feb. 1, 2013, Jan. 7, 2014, Jan. 29, 2015.
12. Steering Committee, Vermont Monitoring Cooperative, 2012-2014.
13. Testimony, VT Gas Pipeline, Public Service Hearing, Sep. 20, 2013.
14. Testimony, "Genuine Progress Indicator," Senate Committee on Government Operations, Vermont General Assembly, Nov. 26, 2012.
15. Program Review, MS in Environment and Natural Resources, University of Iceland, Reykjavik, Iceland, Sep. 20-25, 2012.
16. Testimony, "An Act Relating to the Genuine Progress Indicator," House Committee on Commerce and Economic Development, Vermont General Assembly, March 28 and April 5, 2012.
17. Testimony, "An Act Relating to the Genuine Progress Indicator," Senate Committee on Government Operations, Vermont General Assembly, February 14 and 28, 2012.
18. Review Panel, Northeastern States Research Cooperative, Pre-Proposal Stage, Spring 2006, 2008, 2012
19. Proposal Review, Maryland Sea Grant, April 2008
20. Exhibit Design Review Panel, Albany Institute of History and Art, April 8, 2008
21. Burlington Legacy Project, Indicators Committee, 2003-2005
22. Education Committee, Association for the Protection of the Adirondacks, 2000-2002
23. Technical Review Committee on Economic Growth and Wildlife Conservation, The Wildlife Society, 2001-2002
24. Reviewer, *Shaping the Northern Forest Economy: Strategies for a Sustainable Future*, Northern Forest Alliance, Montpelier, VT, Feb. 2002
25. Proposal Review Committee, Hudson River Foundation, New York, NY, 2001 and 2002
26. Program Review, Economics and Business Economics, Utica College, January 22, 2001
27. Reviewer, Working Group III, Intergovernmental Panel on Climate Change, 1993 – 1994, 1999 – 2000
28. Peer Review Panel, Environmental Monitoring for Public Access and Community Tracking (EMPACT), Environmental Protection Agency, Washington, DC, July 22-24, 1998
29. Reviewer, Selected Papers, American Agricultural Economics Association, 1995 – 1997
30. External Tenure and Promotion Review for: University of Massachusetts, Hobart and William Smith Colleges, SUNY College of Environmental Science and Forestry (2), Binghamton University, Oberlin College, Michigan State University
31. Journal Referee for:

<i>Adirondack Journal of Environmental Studies</i>	<i>Bioscience</i>
<i>Agricultural and Resource Economic Review</i>	<i>Conservation Biology</i>
<i>Contemporary Economic Policy</i>	<i>Ecological Economics</i>
<i>Environmental Policy and Governance</i>	<i>Environmental Research Letters</i>
<i>Environmental Science and Policy</i>	<i>ISSE Transactions in Engineering Management</i>
<i>Journal of Environment and Development</i>	<i>Journal of Environmental Management</i>
<i>Natural Resources Modeling</i>	<i>People and Nature</i>
<i>Wildlife Society Bulletin</i>	<i>World Development</i>
32. Book, Manuscript, and Technical Reviews for:

Cambridge University Press	Lake Champlain Basin Program
Lake Champlain Research Consortium	Routledge, Taylor & Francis
Stanford University Press	U.S. Department of Agricultural Hatch Program
Michigan State University	Austrian Science Fund
Island Press	

**D. Invited Presentations**

1. "Infinite Economic Growth; and other Fairytales that Destroy Ecologies and Communities," Vermont Agency of Natural Resources, Montpelier, VT, Nov. 13, 2019 and Salisbury Conservation Commission, Salisbury, VT, Feb. 15, 2020.

2. "Ecological Economics for Resilient Communities," CUNY Resilience Fellowship Program, Kelly Adirondack Center, Niskayuna, NY, Oct. 27, 2019.
3. "Roadmapping in Ecological Economics," Vermont 2050: Rethinking the Urban-Rural Relationship, Middlebury Breadloaf Campus, Ripton, VT, Sep. 15, 2019.
4. "Resilience and the Adirondack Experiment," CUNY Resilience Fellowship Program, Kelly Adirondack Center, Niskayuna, NY, July 7, 2019.
5. "A Green New Deal in the Green Mountain State," Vermonters for a New Economy, Brattleboro, VT, May 7, 2019.
6. "Building and Communicating the Resilient Economy," Resilience Fellowship Program, CUNY Graduate School of Journalism, New York, NY, Feb. 25, 2019.
7. Keynote Speaker, "Designing an Ecological Economy," Land and Livelihoods Conference, Western Landowners Alliance, Billings, MT, Sep. 25, 2018.
8. Plenary Speaker, "Reclaiming an Activist Agenda for Ecological Economics: Lessons from the Mainstreaming of Q57," Research Agenda for Ecological Econ. Conference, UVM, Aug. 14, 2018.
9. "Resilience 101," Resilience Fellowship Program, Miami, FL, Jul. 28, 2018.
10. "Resilience 101: Building an Ecological Economy," Resilience Fellowship Program, The Rockfall Foundation, Middletown, CT, Jun. 30, 2018.
11. "To Grow or Not to Grow, That is (Still) the Question: Reflections on Systems Thinking Inspired by Donella Meadows," Seventh Generation Supplier Summit, Burlington, VT, Mar. 28, 2018.
12. "Vermont's Energy & Emissions Picture: Getting to 2025 Goals," with Leigh Seddon, Vermont Energy and Climate Summit, Burlington, VT, Nov. 8, 2017.
13. "Ecological Economics for Resilient Communities," Resilience Fellowship Program, CUNY Graduate School of Journalism, New York, NY, Oct. 23, 2017.
14. Plenary Speaker, "The Future of Food Systems under Changing Climate and Sustainability Constraints: Rethinking our Ecological and Economics Toolbox for the Future of Food and Land Use," FAO-IPCC Expert Meeting on Climate Change, Land Use & Food Security, Rome, Italy, Jan. 23-25, 2017.
15. Keynote Speaker, "We the Planet: Building an Ecological Economy in the Age of Humans," Iowa Environmental Council, 2016 Annual Conference, Oct. 6, 2016.
16. Plenary Speaker, "Unity over Discipline: Tales from the Borderlands of Two Cultures," Innovations in Collaborative Modeling, Michigan State University, Jun. 14-15, 2016.
17. "Lead, Follow or Get Out of the Way: the Economics of State Carbon Taxes," Gund Tea, University of Vermont, Apr. 1, 2016.
18. Plenary Panel, "Vermont Climate Change Economy Council Members Perspectives," Climate Economy Summit: Ideas to Action, Vermont Council on Rural Development, Randolph, VT, Feb. 22, 2016.
19. Plenary Speaker, "From Fairy Tale to True Crime: Shifting Economic Genre in the Age of Humans," Big History Inter'l Research Conference, Macquarie University, Sydney, Australia, Dec. 9-11, 2015.
20. "Policy Choices for a Genuine Vermont Economy," Legislative Briefing, State House, Montpelier, Dec. 1, 2015.
21. "Economics for the Anthropocene: Towards a New Science of Choice in the Age of Humans," John Molson School of Business, Concordia University, Nov. 13, 2015.
22. "Community Conservation and the Value of Town Forests," Community Conservation Summit: Celebrating 100 years of Vermont Town Forests, Randolph, VT, Nov. 7, 2015.
23. Plenary Speaker, "Ecological Economics for the Anthropocene," Joint Meeting of the U.S. & Canadian Societies for Ecological Economics, Vancouver, British Columbia, Oct. 1-4, 2015.
24. Keynote Speaker, "Choosing a Clean Water Economy: Not by Chemistry Alone," Great Lakes Sea Grant Network Meeting, Burlington, VT, Sep. 9, 2015.
25. "Ecological Economics as Part of the Solution to the Economic Problem: Tracing the Development of a New Discipline," via Skype w/ Peter Brown, Seizing an Alternative: Toward an Ecological Civilization, Pomona College, CA, June 6, 2015.
26. "Setting Course Towards a Genuine Economy," Society, Culture, Thought Colloquium Series, Bennington College, VT, May 11, 2015.



27. Plenary Panel, "How will Regional and Global Climate Change Affect Vermont's Future?" Summit on Creating Prosperity and Opportunity Confronting Climate Change, Vermont Council on Rural Development, Feb. 18, 2015.
28. Plenary Panel, "The White Elephant: Counting Externalities," w/ Janet Milne, Renewable Energy Vermont, Oct. 17, 2014.
29. "Massachusetts Genuine Progress Indicator: Findings and Recommendations," Roundtable Discussion on Genuine Progress Indicator, Massachusetts Budget and Policy Center, Boston, MA, May 19, 2014.
30. Keynote Speaker, "Metrics and Milestones for Charting Progress in the Genuine Economy," Annual Meeting of the VT Chapter of the Risk Management Association, Montpelier, VT, May 22, 2014.
31. Plenary Panel, "Implementing the Clean Water Act in the Modern Era," 38<sup>th</sup> Annual Conference of the New England Association of Environmental Biologists, Burlington, VT, Mar. 27, 2014.
32. "Toward a Genuine Economy: Field Notes from the Green Mountain State," Memorial University of Newfoundland, Corner Brook, Newfoundland, Mar. 18, 2014.
33. "Structured Decision-Making in Socio-Ecological Systems: Notes from the Borderlands," Environmental Policy Institute, Memorial University of Newfoundland, Corner Brook, NL, Mar. 17, 2014.
34. "Charting Progress in the Genuine Economy," Vermont Leadership Institute, Grafton, VT, Mar. 14, 2014.
35. "Economics for the Anthropocene," Distinguished Lecture Series, Emory University, Atlanta, GA, Feb. 10, 2014.
36. "Climate Change in Vermont," A Call to Action Public Forum, Courageous Conversations through Art, Catamount Arts, St. Johnsbury, VT, Jan. 9, 2014.
37. "Addressing Climate Impacts and Opportunities on Working Lands," Summit on the Future of Vermont's Working Landscape, Vermont Council on Rural Development, Randolph, VT, Dec. 17, 2013.
38. "Building a Vermont Forest Research Network," Keynote, 2013 Vermont Monitoring Cooperative Meeting, University of Vermont, Dec. 12, 2013.
39. "Bold is Beautiful: Metrics and Milestones for Charting Progress in the Genuine Economy," Keynote, Annual Meeting of the Addison County Economic Development Corporation, Dec. 5, 2013.
40. "The Dogma of Ecological Economics," Closing Plenary, 2013 Biennial Conference, Canadian Society for Ecological Economics, York University, Toronto, Nov. 2, 2013.
41. "Beyond GDP: Measuring and Moving Towards Genuine Economic Progress," Economic Analysis and Research Network (EARN) 2013 Conference, Philadelphia, PA, Oct. 8, 2013.
42. "Achieving Genuine Progress: Vermont's Opportunity for Community Growth," Rutland Regional Planning Commission, Rutland, VT, June 27, 2013.
43. "Vermont Genuine Progress Indicator," GPI in the States Summit, Baltimore, MD, June 14, 2013.
44. "A New Vision for Ecological Economics," Gund Tea Seminar Series, Gund Institute for Ecological Economics, University of Vermont, May 3, 2013.
45. "Towards an Economics of Shared Prosperity in a Finite World," Great Lakes Beaming Bioneers Speaker Series, McHenry County College, Jan. 22, 2013.
46. "Vermont Genuine Progress Indicator," Fall Meeting, Vermont Businesses for Social Responsibility, Mt. Snow, VT, Nov. 14, 2012.
47. "Lake Champlain Integrated Assessment Model," Vermont EPSCoR Annual Conference, Burlington, VT, Aug. 15, 2012.
48. "Prosperity without Growth," McKinsey Alpine University, Kitzbuhel, Austria, June 16, 2012.
49. "Essential Elements of Synthesis for Education: Social Science Approaches," Socio-Environmental Synthesis Education: Goals, Resources and Tools, National Social-Environmental Synthesis Center, Annapolis, MD, June 4, 2012.
50. "Towards an Economics of Shared Prosperity in a Finite World," Elder Education Enrichment Series, South Burlington, VT, May 4, 2012.
51. "Accounting for Natural Capital," 3<sup>rd</sup> Annual Massachusetts Sustainable Economy Conference, Federal Reserve of Boston, Apr. 30, 2012.

52. "Toward a Consilient Economics," Socio-Ecological Economics Workshop, Vienna University of Economics and Business Administration, Vienna, Austria, Mar. 16-17, 2012.
53. "The HALI Project: Health for Animals and Livelihood Improvement," Gund Tea Seminar Series, Gund Institute for Ecological Economics, University of Vermont, Mar. 9, 2012.
54. "Sustainability Education for the YouTube Generation," Annual Spring Seminar Series, Rubenstein School of Environment and Natural Resources, University of Vermont, Mar. 8, 2012.
55. "The Great Experiment in Conservation: Voices from the Adirondacks," Michigan State University (via Skype), Jan. 26, 2012.
56. "Modeling Ecosystem Services with ARIES," w/ Brian Voigt, Modeling and Managing Watersheds Workshop and Technical Training, Kigali, Rwanda, Sep. 15-16, 2011.
57. "Pastoralism and the Commons in a Changing Climate: the Case of the Ruaha Landscape in Tanzania," Sokoine University of Agriculture, Morogoro, Tanzania, May 13, 2011.
58. "One Health: Cross-Sectoral Development at the Global Health and Food Systems Interface," Gulu University, Gulu, Uganda, Apr. 20, 2011.
59. "Economics after the Great Recession: towards a Genuine Development Model," Gulu University, Gulu, Uganda, Apr. 20, 2011.
60. "Feasible Recipes or Viable Technologies? Energy Development in a Full World," Makerere University, Kampala, Uganda, Apr. 18, 2011.
61. "How to Fit a Square Peg into a Round Hole: Human Nature, Thermodynamics, and an Economics for the Century of the Environment," Thomas P. Johnson Visiting Scholar, Rollins College, Winter Park, FL, Nov. 15, 2010.
62. "Genuine Development of the Icelandic Economy," Coastal and Marine Management Program, University Centre of the Westfjords, Ísafjörður, Iceland, Oct. 26, 2010 (via Skype).
63. "Ecological Economics for the Century of the Environment," Michigan State University, Oct. 18, 2010.
64. "Genuine Development of the Icelandic Economy," Annual Meeting of the Icelandic Society of Environmental Scientists, Reykjavik, Iceland, Sep. 25, 2010.
65. "The Great Experiment in Conservation: Voices from the Adirondacks," Adirondack Park Visitor Interpretative Center, Newcomb, NY, Aug. 12, 2010 (with W. Porter).
66. Keynote Address, "Economics, Environment, and the Lake Champlain Basin," *Lake Champlain 2010 Conference: Our Lake, Our Future*, Burlington, VT, Jun. 8, 2010.
67. "The Great Experiment in Conservation: Voices from the Adirondacks," *Love the Lake Series*, Lake Champlain Basin Program, Grand Isle, VT, Mar. 18, 2010 (with R. Whaley).
68. "Ecological Economics 101," *Vermont Chamber of Commerce Webinar Series*, Mar. 31, 2010.
69. Keynote Address, "Human Nature, Thermodynamics, and an Economics for the Century of the Environment," *14th Annual Spring Symposium*, Center for Environmental Studies, Western State College, Gunnison, CO, Mar. 24, 2010.
70. "One Health: Bioregulation of Zoonotic Disease at the Human-Livestock-Wildlife Interface," College of Medicine, University of Vermont, November 19, 2009.
71. "Capturing the Value of Ecosystem Services," *Environmental Monitoring, Evaluation, and Protection in New York: Linking Science and Policy*, New York State Energy Research and Development Authority, October 14-15, 2009.
72. "The Great Experiment in Conservation: Voices from the Adirondacks," University of Iceland, Reykjavik, Iceland, Sep. 21, 2009.
73. "The Great Experiment in Conservation: Voices from the Adirondacks," with W. Porter and R. Whaley, The Wild Center, Tupper Lake, NY, Aug., 21, 2009.
74. "Bioregulation of Disease at the Landscape Scale," International Livestock Research Institute, Nairobi, Kenya, June 15, 2009.
75. Panelist, "Ecological Economics – Staying the Course, or Course Correction?" Closing Panel, *5th Biennial Meeting of the U.S. Society for Ecological Economics*, Washington, DC, Jun. 3, 2009.
76. Panelist, "Voices of the Adirondacks Symposium," *16th Annual Conference on the Adirondacks*, Lake Placid, NY, May 20-21, 2009.

77. "An Ecological Economics for a Sustainable Energy Future," Energy Symposium, Champlain College, Lennoxville, Canada, Mar. 31, 2009.
78. "It's the Economics, Stupid," Forestry Seminar, held jointly with the School of Forest Resources and School of Economics, University of Maine, Orono, ME, Nov. 14, 2008.
79. "Toward Genuine Development: Issues and Options for the Post-Washington Consensus," Ecological Economics Seminar, Rensselaer Polytechnic Institute, Troy, NY, Mar. 3, 2008.
80. "Batey Libertad: Service-Learning in Haitian Migrant Communities," Alternative Spring Break to Dominican Republic, Dartmouth College, Hanover, NH, Feb. 14, 2008.
81. Panelist, "Society and Culture Related to the Lake," Panelist, Lake Champlain: Our Lake, Our Future, Burlington, VT, Jan. 9, 2008.
82. "Poverty Reduction and Ecological Resilience through Genuine Development," Department of International Environment and Development Studies, Norwegian University of Life Sciences, Ås, Norway, Apr. 10, 2007.
83. "The Nature of Resources, and the Resources of Nature: Framing an Ecological Economics Approach to Problem-Solving," Norwegian Agricultural Econ. Research Institute, Oslo, Norway, Aug. 9, 2007.
84. "An Ecological Economics Capital Stock Approach to Quality of Life Assessment in Burlington, Vermont, USA," Norwegian Agricultural Economics Research Institute, Oslo, Norway, Aug. 8, 2007.
85. "Naturaleza Humana, Termodinámica, y una Economía para el Siglo del Ambiente," Pontificia Universidad Católica Madre y Maestra, Santiago, Dominican Republic, Apr. 9, 2007.
86. "How to Fit a Square Peg into a Round Hole: Human Nature, Thermodynamics, and an Economics for the Century of the Environment," 2006-2007 Colloquium Series, State University of New York, New Paltz, NY, Oct. 26, 2006.
87. "Modeling and Measuring the Process and Consequences of Land Use Change in Hudson River Tributaries," Hudson River Foundation Fall Seminar Series, New York, NY, Oct. 3, 2006.
88. "Biodiversity – What is it and why is it important," Biodiversity Conservation in Agriculture Symposium, Sustainable Agriculture and Natural Resource Management Collaborative Research Support Program, U.S. Agency of International Development, Punta Cana, Dominican Republic, May 31, 2006.
89. Keynote Address, "The Nature of Resources, and the Resources of Nature: an Ecological Economics Framework for Managing the Sears Island Ecosystem," Sears Island Symposium: Are There Costs to Not Preserving Sears Island? Belfast, Maine, Nov. 5, 2005.
90. "Grassroot Soccer: Sports in HIV/AIDS Education and Social Change," with P. Erickson, Batey Relief Alliance 3rd International Conference - HIV/AIDS in the Dominican Republic and Haiti - a Bilateral Challenge, Columbia University, New York, NY, April 30, 2005.
91. "Participatory Decision-Making at Bioregional Scales: Thoughts on Decision Structure, Group Process, and Bottom-Up Politics," Leeds University, Leeds, UK, April 21, 2005.
92. "An Ecological Economics for a Sustainable Earth," *Great Works Symposium: A Sustainable Earth*, Drexel University, Philadelphia, PA, Dec. 9, 2004
93. "An Ecological Economist and a Conservation Biologist walk into a bar . . . have you heard this one?" *Conservation Biology Seminar*, Field Naturalist & Ecological Planning Programs, University of Vermont, Burlington, VT, Nov. 18, 2004.
94. "I have seen the enemy, and he is an economist: economic lessons for the ecologically literate," *Conservation Biology Seminar Series*, University of Missouri, Columbus, MO, Apr. 15, 2004.
95. "Measuring Quality of Life in Vermont," with R. Costanza, *Research-in-Progress Seminar Series*, Center for Research on Vermont, University of Vermont, Burlington, VT, Mar. 8, 2004.
96. "Problem-Based Learning in Ecological Economics," *Seminar in Ecological Economics*, Department of Economics, Rensselaer Polytechnic Institute, Troy, NY, Feb. 9, 2004.
97. "Economic Policy Instruments for Environmental Management and Sustainable Development," *Workshop on Economic Instruments in Environmental Management*, United Nations Development Program, Port of Spain, Trinidad, Oct. 23, 2003.
98. "We Paved Paradise and Put Up a Parking Lot: Economic, Social, and Ecological Implications of Incremental Choice," *Research Experience for Undergraduates Program*, National Science Foundation, Clarkson University, Potsdam, NY, July 1, 2003.

99. “We Paved Paradise and Put Up a Parking Lot: Economic, Social, and Ecological Implications of Incremental Choice,” *UVM Reunion Speaker Series*, UVM, May 30, 2003.
100. “Ecological Economics as the Guiding Paradigm for Creating a Sustainable and Desirable Future,” *School of Natural Resources Spring Seminar Series*, UVM, Apr. 24, 2003.
101. “Participatory Scenario Analysis in a Spatial Social Accounting Framework: Applications in Watershed Planning,” *Environmental Research Group Seminar Series*, University of New Hampshire, Durham, NH, Oct. 3, 2002.
102. “The Dominance of Economics in Environmental Decision-Making; or Why Principles of Ecology is an Elective, and Principles of Economics is Mandatory,” *Adaptive Peaks Seminar Series*, SUNY College of Environmental Science and Forestry, Syracuse, NY, Nov. 15, 2001.
103. Plenary Speaker, “Connecting Land Use, Economics, and Water Quality,” *Annual Meeting of the New York Planning Federation*, Saratoga City Center, Saratoga Springs, NY, Oct. 9, 2001.
104. Invited Panelist, “Preparation for Environmental Studies Students for Life Beyond their Bachelor’s Degree,” *Annual Meeting of the New England Environmental Studies Association*, Skidmore College, Saratoga Springs, NY, Nov. 3, 2001.
105. “From Economy to Ecology: Modeling and Measuring the Socio-Ecological Dynamics of Land-Use Change,” UFZ Centre for Environmental Research, Leipzig, Germany, Apr. 25, 2001.
106. “Resource Use, Institutions, and Sustainability,” *Applied Economics and Economic Policy Workshop*, Binghamton University, Sep. 20, 2000.
107. “Climate Economics and the Policy Response: Rigor to Mortis,” *Contemporary Economic Issues Seminar Series*, Department of Economics, Rensselaer Polytechnic Institute, Mar. 8, 2000.
108. “Decisions in the Greenhouse: the Science vs. Economics of Climate Change Policy,” *Department of Economics Seminar Series*, Skidmore College, Dec. 8, 1999.
109. “The Economics of Poverty Elimination,” *From Extreme Poverty to Sustainable Livelihoods*, A Rockefeller Foundation Seminar, Bellagio, Italy, Sep. 20-24, 1999.
110. “A Park Called Home: Perspectives on the Changing Structure of the Adirondack Economy,” *The Fate of the Adirondacks: An Environmental Workshop for Students and Educators*, Colgate University, Hamilton, NY, Mar. 27, 1999.
111. “An Adirondack Story: Explorations of the Economy-Ecology Interface,” *Environmental Studies Seminar Series*, Skidmore College, Saratoga Springs, NY, Mar. 10, 1999.
112. “The Changing Structure of the Adirondack Forest-Based Economy: An Exercise for Discussion at the Oswegatchie Roundtable,” *Oswegatchie Roundtable*, Paul Smith’s College, Paul Smiths, NY, Feb. 5, 1999.
113. “Ecological Economics – Challenges for Sustainable Development,” *The Luncheon Seminar Series*, Rensselaer Polytechnic Institute, Mar. 27, 1998.
114. “Why Assumptions Matter: The Rise and Fall (?) of Ecological Economics,” *Robinson Seminar Series in Resource and Environmental Economics*, Cornell University, Dec. 8, 1997.
115. “Technology and Development: Dispatches from a Solar Tourist,” *Department of Economics Seminar Series*, Rensselaer Polytechnic Institute, Nov. 11, 1997.
116. “Potential of Solar Energy to Offset Greenhouse Gas Emissions,” with T. Drennen, *Seminar on Global Climate Change*, Cornell University, May 10, 1993.
117. “CO<sub>2</sub> Effects on Plants: Uncertainties and Implications for Modeling Crop Response to Climate Change,” with D. Wolfe, *Seminar on Global Climate Change*, Cornell University, Apr. 26, 1993.

#### **E. Miscellaneous Professional Activities**

1. Webinar, “Building a Resilient and Equitable Economy in the Wake of COVID-19,” Vermont Public Interest Research Group, Apr. 2, 2020.
2. Webinar Panel, “An Intergenerational Conversation on the Future of Ecological Economics,” moderated by Andrew Revkin, The Earth Institute, Columbia University, Apr. 9, 2020.
3. Webinar Panel, “After the Pandemic: Designing a Just and Resilient Economy for All,” moderated by Dale Willman, The Earth Institute, Columbia University, Mar. 27, 2020.
4. Webinar, “A Green Mountain Deal to Mobilize Climate Action in Vermont,” Anthropocene to the Ecozoic Webinar Series, Feb. 26, 2020.

5. Workshop Participant, "Community Agricultural and Regenerative Transitions," UVM, July 29-30, 2019.
6. Invited Panelist, "Economy Wide Solutions to Spur Vermont's Energy Transformation," *11th Annual Community Energy and Climate Action Conference*, Fairlee, VT, Dec. 1, 2018.
7. Invited Panelist, "Spotlight on Data and Metrics," *6th Annual UVM Legislative Summit*, The Future Sustainability of Vermont's Rural Economy, UVM, Nov. 14th, 2018.
8. Workshop Participant, "Toward an Ecological Finance," UVM, June 27-28, 2018.
9. Invited Panelist, "Academics as Activists? Scientists' and the Academy's Role in Social Transformation," *Joint Conference of the Canadian Society for Ecological Economics & Economics for the Anthropocene*, Montreal, QC, Oct. 20, 2017.
10. Invited Panelist, Food Systems Transdisciplinary Research Collaborative, UVM, Aug. 17, 2017.
11. Invited Panelist, *Water Body Remediation Invitational Summit*, East Hampton, NY, Mar. 9-10, 2017.
12. Panel Discussant, "Hope in a Changing World," w/ John Liu and Amy Siedl, GreenHouse Residential Learning Community, UVM, Oct. 24, 2016.
13. Round Table Participant, "How and Why Ecological Economics Must Change its Tactics," *Biennial Conf. of the International Society for Ecological Economics*, Washington, DC, June 26-29, 2016.
14. Public Debate, "Vermont Climate Solutions Debate," Capital Plaza, Montpelier, VT, Dec. 3, 2015.
15. Facilitator & Presenter, *Designing Abundance: a Regional Design Workshop*, Montpelier, VT, Aug. 18, 2015.
16. Workshop Organizer, "Envisioning Theories of Change in Ecological Economics: Early Career Workshop and Networking," *Joint Meeting of the U.S. & Canadian Societies for Ecological Economics*, Vancouver, British Columbia, Oct. 1-4, 2015.
17. Panel Organizer, "Personal Theories of Change: Impactful Pathways for Ecological Economists," *Joint Meeting of the U.S. & Canadian Societies for Ecological Economics*, Vancouver, BC, Oct. 1-4, 2015.
18. Invited Presentation, "Economics of Water Quality in the Lake Champlain Basin," Working Group on the Clean Water Economy, Vermont Businesses for Social Responsibility, Sep. 10, 2015.
19. Invited Panelist, "Saving our Common Home: A Symposium on Integral Ecology," Saint Michael's College, Sep. 8, 2015.
20. Project Presentation, "Economics of Conservation," Vermont Housing & Conservation Board, Mar. 11, 2015.
21. Public Debate, "Carbon Pollution Tax," Caledonia County Republican Committee, St. Johnsbury, VT, Feb. 16, 2015.
22. Research Presentation, "Economics for the Anthropocene," 2nd Annual Gund Research Slam, ECHO Lake Aquarium and Science Center, Burlington, VT, Nov. 20, 2014.
23. Invited Panelist, Carbon Pricing Funder's Briefing, Barr Foundation, Boston, MA, June 20, 2014.
24. Co-Organizer and Facilitator, Genuine Progress Indicator Briefing, United Nations Statistics Division, New York, NY, May 30, 2014.
25. Invited Panelist, Earth Day Panel Discussion on Climate Change, Vermont Energy Investment Corporation, Burlington, VT, April 22, 2014.
26. Co-Organizer and Facilitator, "GPI 2.0 Workshop," Gund Institute for Ecological Economics, Burlington, VT, Apr. 8-9, 2014
27. Invited Discussant, "A Genuine Talk on Progress," Vermont Statehouse, Montpelier, VT, Feb. 19, 2014.
28. Research Presentation, "Successional Retrogression in a Changing Forest Economy," Gund Research Slam, ECHO Lake Aquarium and Science Center, Burlington, VT, Oct. 29, 2013.
29. Short-Course Co-Organizer, "Training in Spatial Modeling Using QGIS," Sokoine University of Agriculture, Morogoro, Tanzania, Apr. 15-18, 2013.
30. Workshop Facilitator, "Strengthening Tanzanian Livestock Health and Pastoralist Nutrition and Livelihoods in a Changing Climate: Modeling Workshop," Iringa, Tanzania, Apr. 10, 2013.
31. Special Envoy, "Environment and Ecological Economics in Cuba," Vermont Caribbean Institute, Havana, Cuba, March 24-27, 2013.

32. Workshop Participant, "Biodiversity and Cattle Well-Being," Gund Institute for Ecological Economics, Burlington, VT, Mar. 7-9, 2013.
33. Workshop Participant, "The Unfinished Journey of Ecological Economics," McGill University, Montreal, Canada, Nov. 30 - Dec. 2, 2012.
34. Workshop Participant, "Regional Climate Change Scenario Development," VT EPSCoR, Research on Adaptation to Climate Change, Burlington, VT, Nov. 13, 2012.
35. Workshop Participant, "State Genuine Progress Indicator Summit," Annapolis, MD, Oct. 8-9, 2012.
36. Panelist, "A Look at the True Cost of Renewable Energy," 11th Annual Renewable Energy 2012 Conference & Expo, Burlington, VT, Oct. 1-2, 2012.
37. Presidential Address, 6th Biennial Conference of the U.S. Society for Ecological Economics, Michigan State University, East Lansing, MI, June 28, 2011.
38. Workshop Organizer, "Strengthening Tanzanian Livestock Health and Pastoral Livelihoods in a Changing Climate," Sokoine University of Agriculture, Morogoro, Tanzania, May 16-17, 2011.
39. Workshop Participant, "Health and Ecosystems: Analysis of Linkages," Wildlife Conservation Society, Bronx, NY, Dec. 1-3, 2010.
40. Session Chair, "Teaching Sustainability Beyond Academia," *11th Biennial Conference of the International Society for Ecological Economics*, Oldenburg, Germany, Aug. 22-25, 2010.
41. Session Chair, "Sustainability, Equity, and Society," *11th Biennial Conference of the International Society for Ecological Economics*, Oldenburg, Germany, Aug. 22-25, 2010.
42. Moderator, "Social Sciences Panel," *Lake Champlain 2010 Conference: Our Lake, Our Future*, Jun. 8, 2010.
43. Panelist, "Nature and the Economy: What Should We Hope For?" *14th Annual Spring Symposium*, Center for Environmental Studies, Western State College, Mar. 25, 2010.
44. Co-Organizer, "Green Accounting for the Green Economy: Improving GDP and the National Accounts of the United States," *10th National Conference on Science, Policy, and the Environment*, Washington, DC, January 20-22, 2010.
45. Panelist, "Building Undergraduate and Graduate Programs in Ecological Economics," *10th National Conference on Science, Policy, and the Environment*, Washington, DC, January 20-22, 2010.
46. Moderator, "Creating a Green Economy in Vermont: Avoiding 20th Century Responses to 21st Century Problems," Earth Week 2009 Kick-Off Panel, University of Vermont, Burlington, VT, Apr. 20, 2009.
47. Panelist, Vermont Yankee Campaign Kick-Off, University of Vermont, Burlington, VT, Apr. 2, 2009.
48. Panelist, "A New Paradigm for Markets and Values of Ecosystems and Biodiversity," ARIES (Artificial Intelligence for Ecosystem Services) Valuation Workshop, UVM, Burlington, VT, Mar. 27, 2009.
49. Panelist, "Rubenstein School Town Hall Meeting," *Focus the Nation: Global Warming Solutions for America*, University of Vermont, Burlington, VT, Jan. 31, 2008.
50. Symposium Organizer and Chair, "Ecological Economics Teach-In," *Focus the Nation: Global Warming Solutions for America*, University of Vermont, Burlington, VT, Jan. 29, 2008.
51. Session Chair and Student Paper Evaluator, *4th Biennial Meeting of the United States Society for Ecological Economics*, Pace University, New York, NY, June 23-27, 2007.
52. Debate Participant, "Valuing the Planet: Free Market Environmentalism vs. Ecological Economics," Earth Week Events, University of Vermont, Burlington, VT, April 18, 2006.
53. Workshop Convener, "Earth Economics: an alternative to the Washington Consensus," *Third Biennial Meeting of the U.S. Society for Ecological Economics*, Tacoma, WA, July 20-23, 2005.
54. Panel Participant, "Ecosystem Services Valuation," *Social Economics Forum*, University of Vermont, March 31, 2005.
55. Panel Participant, "Global Environmental Issues in 2004," *Social Science Colloquium*, Bennington College, VT, Oct. 18, 2004.
56. Panel Participant, "Natural Resource Inventory of Forest Preserve Lands in the Adirondack Park: the Unit Management Plan GIS Project," Adirondack Ecological Center, Newcomb, NY, Aug. 4, 2004.

57. Workshop Participant, "Understanding, Valuing, and Managing Dynamic Ecosystem Services Under Stress: Synthesizing Across the LTER Network," National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, June 25-July 2, 2004.
58. Workshop Organizer and Chair, "The Wappinger Creek Watershed Economy: Trends, Challenges, and Solutions," with the Wappinger Creek Watershed Intermunicipal Council, Marist College, May 15, 2004.
59. Panel Participant, "Sustainable Communities: Planning and Sustainable Infrastructure," *Partnerships for the Northern Forest*, 2<sup>nd</sup> Annual Northern Forest Community Leadership Exchange and 1<sup>st</sup> Meeting of the Northeastern States Research Cooperative, Burlington, VT, Nov. 13-14, 2003.
60. Panel Participant, "Artists and environmentalists discuss 'A Sense of Place' and 'The Call to Act'," Vermont Humanities Council, Flynn Center, Burlington, VT, Sep. 30, 2003.
61. Small Group Facilitator, "Sharing Experience and Lessons Learned in Lake Basin Management," World Lake Basin Management Initiative, ILEC/LakeNet Regional Workshop for Europe, Central Asia and the Americas, St. Michael's College, June 18-21, 2003.
62. Panel Participant, Panel discussion on development issues following screening of "Livable Landscapes: by Chance or by Choice?" UVM and Vermont Forum on Sprawl, Burlington, VT, Mar. 5, 2003.
63. Panel Participant, "The Implications of Suburbanization: a Case for Integrated Analysis," Advisory Board Meeting, UVM School of Natural Resources, Burlington, VT, Oct. 10, 2002.
64. Panel Participant, "Going Beyond Tourism – Broadening Your Community's Economic Base," Annual Meeting of the NY Planning Federation, City Center, Saratoga Springs, NY, Oct. 9, 2001.
65. Session Organizer and Chair, "Ecological Economics in Application: Participatory Modeling in the Hudson River Watershed," *Inaugural Meeting of the U.S. Society for Ecological Economics*, Duluth, Minnesota, July 11 – 13, 2001.
66. Workshop Organizer and Chair, "Modeling and Measuring the Process and Consequences of Land Use Change: an Advisory Workshop for Hudson River Tributaries of Dutchess County," Marist College, Mar. 23, 2001.
67. Organizer and Moderator for Adirondack Research Consortium, "Unit Management Planning: a Scoping Session on GIS Needs and Capacity," Adirondack Ecological Center, Huntington Wildlife Forest, Newcomb, NY, Jan. 8, 2001.
68. Organizer for Adirondack Research Consortium, "Eurasian Milfoil: a Scoping Session on Research and Management Needs," Darrin Freshwater Institute, Bolton Landing, NY, Nov. 4, 2000.
69. Organizer for Adirondack Research Consortium, "Workshop on Unit Management Planning," *Annual Conf. of the Association for the Protection of the Adirondacks*, Silver Bay, NY, Oct. 20-21, 2000.
70. Session Organizer, "Ecological Economics Graduate Education through Sustainable Community Development Research," *Sixth Biennial Conference of the International Society for Ecological Economics*, Canberra, Australia, July 5-8, 2000.
71. Testimony on behalf of Adirondack Research Consortium, Quality Communities Taskforce, Chaired by New York Lieutenant Governor, Plattsburgh, NY, June 13, 2000.
72. Session Chair, "Multi-Criteria Evaluation: Methodology, Quality Assessment, Applications," *Third Biennial Conf. of the European Society for Ecological Economics*, Vienna, Austria, May 3-6, 2000.
73. Paper Discussant, "A Quantitative Assessment of the EU Proposal for Concrete Ceilings on the Use of the Flexibility Mechanism under the Kyoto Protocol," *Third Biennial Conference of the European Society for Ecological Economics*, Vienna, Austria, May 3-6, 2000.
74. Session Chair, "Valuing the Wild," *Seventh Annual Conference on the Adirondacks*, Saranac Lake, NY, May 24-25, 2000.
75. Session Chair, "Water Quality, Education, and Management Implications," *Seventh Annual Conference on the Adirondacks*, Saranac Lake, NY, May 24-25, 2000.
76. Workshop Participant, "First-Year Studies Program," RPI, Troy, NY, May 23, 2000.
77. Workshop Participant, "Humanities & Social Science Core Requirements," RPI, Troy, NY, May 22, 2000.
78. Workshop Participant, "Roundtable Meetings – Center for Ethics and Complex Systems," RPI, Troy, NY, Apr. 7 and 14, 2000.

79. Workshop Participant, "Wildlands and Society," Adirondack Ecological Center, Newcomb, NY, Dec. 10, 1999.
80. Workshop Participant, "Organizational Meeting of the U.S. Society for Ecological Economics," University of Maryland, College Park, MD, June 20-21, 1999.
81. Session Chair, "Economic Change and Land Use," *Sixth Annual Conference on the Adirondacks*, Saranac Lake, NY, May 26-27, 1999.
82. Workshop Participant, "Laptop's in the Classroom," RPI, Troy, NY, May 10-11, 1999.
83. Session Chair, "Modeling Spatial and Temporal Dynamics of Terrestrial Ecosystems," *Fourth Biennial Meeting of the Inter'l Society for Ecological Economics*, Boston University, Aug. 4-7, 1996.
84. Session Chair, "On the Utility of Utility: Farm Exits, Rural Migration, and Food Stamps," *83rd Annual Meeting of the American Agric. Econ. Assoc.*, Indianapolis, IN, Aug. 6-9, 1995.
85. Conference Discussant, *Limits to Markets: Conference Workshop on Equity and the Global Environment*, Cornell University, Apr. 29 - May 1, 1994.

**F. Press**

1. "Global COVID-19 Outbreak and Climate Change," *tbs eFM This Morning*, Seoul, S. Korea, Mar. 23, 2020.
2. "Climate Crisis on Back-burner as Pandemic Threat Looms," *Agence France-Presse*, Mar. 8, 2020.
3. "Coronavirus and Climate Change: a Tale of Two Crises," *Deutsche Welle*, Mar. 3, 2020.
4. "The UVM Economist Behind Bernie's Job Numbers," *UVM News*, Feb. 6, 2020.
5. "Experts: Vermont isn't Immune to Impacts of Climate Change," *WCAX News* (CBS Affiliate), Jan. 14, 2020.
6. "University of Vermont to Host United Nations Biosphere Delegation," *UVM News*, Oct. 9, 2019.
7. "Democrats Say Their Climate Plans Will Create Jobs. It's Not So Simple," *The New York Times*, Sep 4, 2019.
8. "California Raises the Caution Flag on 'Green Jobs'," *Politico*, Sep. 4, 2019.
9. "Is it too late to save the lake?" *VT Digger*, Sep. 17, 2018.
10. "Vermont Needs to Make 'Tough Decisions' on Cow Herds," *VT Digger*, Apr. 3, 2018.
11. "Could Climate Change be an 'Economic Boon' for Vermont?" *Vermont Edition*, Vermont Public Radio, Feb. 13, 2018.
12. "Vermont Governor's Suggestion to Harvest Phosphorus Pollution for Resale Panned," *WAMC Northeast Public Radio*, Jan. 25, 2018.
13. "Carbon Tax Gains Traction at Energy Conference," *VT Digger*, Nov. 12, 2017.
14. "Craven: Waking the Sleeping Giant," *Vermont Public Radio*, May 9, 2017.
15. "Political Revolution and Horror in Two Vermont-Made Films," *Seven Days*, May 3, 2017.
16. "UVM Faculty Member to Release Documentary on Resurgent Progressive Movement," *UVM News*, Apr. 14, 2017.
17. "Third Youth Climate Summit Held at UVM," *WAMC Northeast Public Radio*, Nov. 18, 2016.
18. "National Water Quality Experts to Speak in Iowa," *The Gazette*, Oct. 5, 2016.
19. Radio Interview, "Our Nature," WDEV FM 96.1, Sep. 9, 2016.
20. "UVM Study Shows Direct Connection Between Lake Champlain Pollution and Local Economy," *VT Digger*, Aug. 22, 2016.
21. "Vermont Governor Signs Order Giving Preference to Climate Aware Business," *WAMC Northeast Public Radio*, Jul. 19, 2016.
22. "Transition Economics – Vermont," *The Energy Xchange*, May 27, 2016.
23. "Greens Give Mixed Reviews on VT's E-cars," *Burlington Free Press*, Apr. 29, 2016.
24. "150+ Vermont Leaders Call for End of Gas Pipeline Project," *VT Digger*, Dec. 23, 2015.
25. "Experts Debate Carbon Tax in Vermont," *Barre Montpelier Times Argus*, Dec. 5, 2015.
26. "Carbon Tax Debate Heats Up," *UVM News*, Dec. 3, 2015.
27. "Vermont Education Goes Global at Paris Climate Talks," *Vermont Public Radio*, Nov. 25, 2015.
28. "Vermont's Carbon Tax Debate," *GreenZine*, Royalton Community Radio, Nov. 5, 2015.
29. "Could a Carbon Tax Work for Vermont?" *Vermont Public Radio*, Nov. 2, 2015.



30. "Symposium on Pope's Encyclical Sparks Reflections on Climate Change," *VT Digger*, Sep. 10, 2015.
31. "How's Vermont Doing? Economic Indicators and What They Tell Us," *Vermont Edition*, Vermont Public Radio, Aug. 31, 2015.
32. "Environmentalists, Fuel Dealers at Odds Over Carbon Pollution Tax," WPTZ News (VT NBC affiliate), Apr. 24, 2015.
33. "VTC Hosts Climate Talk in Randolph," *Valley News*, Feb. 19, 2015.
34. "White House: UVM Student a 'Champion of Change' for Climate Education," *UVM News*, Feb. 10, 2015.
35. "Study Finds Mass. Economy Actually Lagging," *Boston Globe*, Feb. 5, 2015.
36. "Sen. Sanders, UVM Host First Youth Climate Summit," *UVM News*, Dec. 10, 2014.
37. "UVM, Sanders Hold Youth Climate Summit," WCAX News (VT CBS affiliate), Dec. 5, 2014.
38. "Vermont Youth Climate Summit," WPTZ News (VT NBC affiliate), Dec. 5, 2014.
39. "Top House Democrat to Push Vermont Carbon Tax in 2015," Vermont Public Radio, Nov. 13, 2014.
40. "Lawmakers to Propose 1<sup>st</sup> in Nation Carbon Tax," WVNY News (VT ABC affiliate). Nov. 13, 2014.
41. "UVM, McGill, York Partner on Six-Year, \$5 Million Graduate Program to Create New Generation of Environmental Leaders," *UVM News*, Sep. 2, 2014.
42. "Vermont's Dirty Secret: Free Range Cows are Crapping in the Water Supply," *Grist*, Jul. 16, 2014.
43. "Ski Areas Evolve to Meet Challenges," *Valley News*, Dec. 22, 2013.
44. "Health of Vermont Forests Depends on Regular Check-Ups," *Burlington Free Press*, Dec. 20, 2013.
45. "Other States to Join Vermont to Develop Genuine Progress Indicator," *Vermont Public Radio*, Oct. 18, 2013.
46. "The Business of Natural Gas Pipeline in Vermont," *Burlington Free Press*, Sep. 6, 2013.
47. "Vermont Takes Economic Temp with New Thermometer," *Associated Press*, Jul. 31, 2013.
48. "Lawmakers Get a Peek at 'Genuine Progress Indicator' Progress," *VT Digger*, Jul. 30, 2013.
49. "Better Off? Vermonters Await a New Measure of Success, the Genuine Progress Indicator," *Burlington Free Press*, Jun. 28, 2013.
50. "UVM Town Meeting Focuses on Socially Responsible Management of Endowment," *Burlington Free Press*, Feb. 20, 2013.
51. "Economic Quality Over Quantity: What's Our GPI?," Northern Public Radio, WNIJ 89.5 FM, Jan. 22, 2013.
52. "Measuring Well-Being Instead of Gross State Product: Genuine Progress Indicator Relies on Alternative Economic Measure," *VT Digger*, Nov. 26, 2012.
53. "New Film Highlights Need to Keep Invasives from Lake George," *Lake George Mirror*, Nov. 2012.
54. "Building Resilience in Vermont and Measuring the Right Stuff," *Equal Time*, WDEV 96.1FM/550AM, Oct. 31, 2012.
55. "Looking at the Genuine Progress Indicator," *The :30*, WCAX News (VT CBS affiliate), Jun. 11, 2012.
56. "An Alternative to the Triple Bottom Line?" *VT Digger*, May 30, 2012.
57. "New Vermont Law Will Ask UVM Institute to Measure 'Genuine Progress'," *UVM Today*, May 3, 2012.
58. "Vermont Energy Independence Day Film," Channel 17, Town Meeting Television, Apr. 3, 2012.
59. "Energy Day to be Filmed," *Vermont Cynic*, Mar. 14, 2012.
60. "Can a Film Bridge Gaps in the Energy Debate?" *Blurt*, Seven Days, March 2, 2012.
61. "Film Series Examines Algae Bloom in Lake Champlain," *Plattsburgh Press Republican*, Feb. 27, 2012.
62. "Algae Blooms on Lake Champlain," *Mountain Lake Journal Extra*, Mountain Lake PBS, Feb. 23, 2012.
63. "New Documentaries on Lake Champlain Pollution Solutions Released," WAMC Northeast Public Radio, Feb. 21, 2012.
64. "Local Filmmaking Team takes on Lake Champlain's Toxic Bloom," *Seven Days*, Feb. 8, 2012.
65. "Dairy Don't: a Dogged Ag Activist Takes Aim at Vermont's 'Sacred Cow'," *Seven Days*, Jan. 25, 2012.

66. "Solutions for Lake Champlain Pollution," *UVM News*, Dec. 7, 2011.
67. "New Film to Focus on Lake George's Fight Against Invasive Species," *Lake George Mirror*, Sep. 9, 2011.
68. "Film Draws Attention to Lake Pollution Problem," *Addison County Independent*, May 16, 2011.
69. "Local Doc takes on Lake Pollution ... and Gets Some Flack," *Seven Days*, Feb. 2, 2011.
70. "New Documentary on Lake Champlain Released," WAMC Northeast Public Radio, Dec. 15, 2010.
71. "Rest areas, holiday train, lake clean-up signed, Bloom airs and attorney turned author," *Mountain Lake Journal*, Mountain Lake PBS, Dec. 2, 2010.
72. "New Documentary Draws Attention to Lake Champlain's Algae Blooms," North Country Public Radio, Dec. 2, 2010.
73. "Film Focuses Attention on Lake Algae," *Plattsburgh Press Republican*, Dec. 1, 2010.
74. "Economist Blooms as Filmmaker," *UVM Today*, Dec. 1, 2010.
75. "New Cleanup Agreement, Film Put Spotlight on Lake Champlain," *Vermont Edition*, Vermont Public Radio, Nov. 29, 2010.
76. "Lake Champlain Movie to Debut," *Burlington Free Press*, Nov. 29, 2010.
77. "Movie Examines Lake Algae Problem," Television Interview, *The :30*, WCAX News (CBS affiliate), Nov. 23, 2010.
78. "Ecological Economists Seek Quality of Life over Quantity," Radio Interview, *Greening the Great Lakes*, Michigan State University (News/Talk 760 WJR), Oct. 22, 2010.
79. "Program Shows Possibilities in Sustainable Business," *UVM Today*, Jul. 28, 2010.
80. "Four Faculty Win Fulbrights for 2010-11 Academic Year," *UVM Today*, Jul. 27, 2010.
81. "Inside the Blue Line," Book Review, *Bioscience* 60(6): 471-473, June 2010.
82. "Disease Origins & Transmission," *Emerging Science*, Vermont Public TV, Feb. 23, 2010.
83. "Ecological Economics," *Emerging Science*, Vermont Public TV, Feb. 9, 2010.
84. "When Rivers Run Dry," *Vermont Quarterly*, Spring 2010.
85. "UVM Scientists Featured on Upcoming Public Television Series," *UVM Today*, Jan. 27, 2010.
86. "Vermont's Book Details New York's Great Adirondack Experiment," *Seven Days*, Dec. 29, 2009.
87. "The Adirondacks: a Model of Conservation?" *Vermont Edition*, Vermont Public Radio, Nov. 2, 2009.
88. "When Rivers Run Dry," *UVM Today*, Oct. 14, 2009.
89. Radio Interview, *The Reality Report*, Global Public Media, Apr. 8, 2009.
90. "Rich Enough to Offset: Do Voluntary Carbon Markets Promote Luxury Emissions," *E-Magazine*, Nov./Dec., 2008.
91. "Grad's Film a Feature Pick on YouTube," *The View*, Mar. 5, 2008.
92. "Offensive Against AIDS," *Seed Magazine*, Third Culture, June/July 2006.
93. "After Class Connections," *The View*, Apr. 19, 2006.
94. "Strengthening Community with Soccer," *The Vermont Cynic*, pp. 1, 10-11, March 15, 2005.
95. "A Forest Threatened," *Vermont Quarterly*, pp. 26-33, Fall 2004.
96. "W.R. Partnership Discussions Continue," *Rutland Herald*, June 10, 2004.
97. "Watershed Planning is Forum Focus: researchers emphasize smart growth," *Poughkeepsie Journal*, May 16, 2004.
98. "Watershed Mtg. was Learning Experience," *Rutland Herald*, p. A-4, Apr. 15, 2004.
99. "Nader Urges Students to Action, Activism," *The View*, Dec. 10, 2003.
100. "Vermont's Economic Well-Being Double the National Average," *UVM News*, Sep. 25, 2003.
101. "Cities," *Food for Thought*, UVM Extension Radio, Mar. 17, 2003.
102. Radio Interview, "Tyranny," *Food for Thought*, UVM Extension Radio, Feb. 24, 2003.
103. Radio Interview, "Linkage," *Food for Thought*, UVM Extension Radio, Feb. 24, 2003.
104. "Cashing in on state land: Towns reap tax benefits from Forest Preserve," *Adirondack Explorer* 4(7), pp. 5, 44-45, May/June 2002.
105. "Water smart communities," *Lake Placid News*, Nov. 9, 2001.
106. Radio Interview, *On the Barricades* with host Steve Breyman, with J. Gowdy, WRPI, Troy, live broadcast, Oct. 11, 2000.

107. "RPI team will study development impacts on Hudson River ecosystem," *Capital District Business Review*, June 5-11, 2000.
108. "RPI Profs win grant to study Hudson River ecosystem," *Capital District Business Review*, May 4, 2000.
109. "Mapping Economic Impact," *RPI Review*, p. 2, Apr. 24, 2000.
110. "Economics and IT: mapping the future of cities, one lifestyle at a time," *RPI Review*, p. 2, Jan. 31, 2000.
111. "H&SS growing, innovating," *Polytechnic*, pp. 1, 8, Feb. 2, 2000.
112. Radio Interview, *The Environment Show* with host Peter Berle, with S. Percy (former CEO BP-America), WAMC, Albany, recorded Nov. 1, 1999.
113. "Some Local Shops Depend on Track," *The Saratogian*, p. 6A, Jul. 18, 1999.
114. "\$1.3 Million Gift from MapInfo Boosts Teaching and Research," *RPI Review*, p.1, May 7, 1999.
115. "Master Plan Committee Holding Second Workshop Tonight," *Saratogian*, p. 3A, Jan. 26, 1999.
116. "Specialists Aim to Quantify Resources," *Times Union*, p. C1, Sep. 20, 1998.
117. "Greenhouse Gas Policy Reviewed in *Science*," *RPI Review*, p.1, Mar. 27, 1998.
118. "Where the Glow Goes," *Cornell Magazine*, Mar. 1996.
119. "Nuclear Waste Storage in Indian Country," National Public Radio, WBUR, Boston, July 18, 1994.
120. "Sovereignty for Sale: Nuclear Waste in Indian Country," Round About Tompkins County, Public Access Channel, Spring 1994.
121. "Nuclear Waste Storage," Cornell Media, Jan. 21, 1994.
122. "Developing Solar Energy," Cornell Media, May 13, 1993.
123. "Can Farming Flourish in Warmer World?," *Cornell Chronicle*, Nov. 19, 1992.
124. "Global Warming: Winners and Losers," *Cornell Countryman*, Nov. 1992.

## VIII. UNIVERSITY SERVICE

### A. University of Vermont

1. Elected Member, Sustainability Curriculum Review Committee, UVM Faculty Senate, 2019 – 2022.
2. Elected Member, Faculty Standards Committee, Rubenstein School, 2014 – 2018.
3. Curriculum Committee, Environmental Program, 2017.
4. Steering Committee, Masters of Science in Leadership for Sustainability, 2014 – 2017.
5. Member, Marsh Professor-at-Large Selection Committee, 2009 – 2015.
6. Member, Search Committee, Lecturer in Leadership for Sustainability, Winter 2015.
7. Member, Search Committee, Gund Institute Communications Professional, Fall 2014.
8. Fulbright Fellowship Review Panel, Honors College, University of Vermont, Fall 2014.
9. Member, Provost's Academic Leadership Council, 2013 – 2014.
10. Member, Dean's Council, 2012 – 2014.
11. Member, Aiken Seminar Planning Committee, 2012 – 2014.
12. Member, Steering Committee, Vermont Monitoring Cooperative, 2012 – 2014.
13. Member, UVM Food Summit Planning Committee, 2012 – 2013.
14. Elected Member, Faculty Senate Curricular Affairs Committee, 2011 – 2012.
15. Co-Coordinator, Certificate of Graduate Study in Ecological Economics, 2004 – 2012.
16. Program Representative, University Accepted Students Days, 2002 – 2012.
17. Appointed Member, Strategic Planning Team, Rubenstein School, 2011 – 2012.
18. Member, Search Committee, Gund Institute Research Coordinator, Spring 2012.
19. Host and Coordinator, UVM James Marsh Professor-at-Large, Dr. Norman Myers, Fall 2011.
20. Chair, Search Committee, Gund Professor and Director, 2010 – 2011.
21. Appointed Member, Ad Hoc Committee on Business Operations, Rubenstein School, 2010 – 2011.
22. Appointed Member, Public Health Working Group, Transdisciplinary Research Initiative, 2009 – 2010.

23. Elected Member, Faculty Standards Committee, Rubenstein School, 2007 – 2010 (Chair 2009 – 2010).
24. Member, Search Committee, Aquatic Ecology / Lake Studies position, Rubenstein School, 2009 – 2010.
25. Member, Rubenstein School Core Curriculum Committee, 2002 – 2010.
26. Elected Member, Dean's Search Committee, Rubenstein School, 2008 – 2009.
27. Faculty Sponsor, "Lose the Shoes" Barefoot Soccer Tournament and Fundraiser for HIV/AIDS Prevention Education, Fall 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2010.
28. Honors College Council Member, 2005 – 2006.
29. Elected Member, Curriculum Committee, Rubenstein School, 2003-2006 (Chair 2005 – 06).
30. Appointed Member, Search Committee, Agricultural Systems Position with Environmental Studies and Plant & Soil Science, Spring 2006.
31. Appointed Member, Ad Hoc Committee on Faculty Work Load, 2003 – 2004.
32. Planning Committee, Environmental Business Leadership Initiative, 2003 – 2005.
33. Member, Working Group on Integrated Land Use Modeling, 2002 – 2004.
34. Member, Ad Hoc Committee on Policy and Planning Curriculum Development, 2002 – 2004.
35. Member, Ad Hoc Committee on Revising NR 378, 2002 – 2003.
36. Participant, Economist's Luncheon hosted by President Fogel, UVM, Oct. 9 and Dec. 3, 2003.

**B. Rensselaer Polytechnic Institute**

1. Appointed Member, Strategic Planning Cmte. on Environmental Science & Engineering, 2001 – 2002.
2. Senator, Rensselaer Faculty Senate, 2000 – 2001.
3. Co-Author, Ecological Economics Strategic Plan, Fall 2001.
4. Presentation, "Ecological Economics @ RPI," Humanities & Social Sciences Advisory Board Meeting, Mar. 30, 2001.
5. Recruitment Coordinator, Department of Economics, 1997 – 2000.
6. Department Representative, Dean's Executive Committee, Spring 1999.
7. Presentations, Undecided Majors Seminar, Fall 1998, Fall 1999.
8. Co-Author, Department of Economics Strategic Plan 1997, 1998, 1999.
9. Department Representative, Accepted Students Day, 1998.
10. Department Representative, Rensselaer Discovery Days, 1997.
11. Department Representative, Working Group on Quantitative Methods, School of Humanities and Social Sciences, 1997 – 1998.

**C. Cornell University**

1. Department Admissions Committee, 1996 – 1997.
2. Department Seminar Committee, 1995 – 1996.
3. Department Awards Committee, Spring 1996.
4. Department Undergraduate Program Committee, 1991 – 1992.