

Jennie C. Stephens, Ph. D.

Associate Professor
 Blittersdorf Professor of Sustainability Science & Policy
 Rubenstein School of Environment & Natural Resources
 College of Engineering and Mathematical Sciences
 University of Vermont, Burlington, VT USA
 jennie.stephens@uvm.edu (617) 784-0295
<http://blog.uvm.edu/jstephe1/>

Academic Positions	<p>Associate Professor, Blittersdorf Professor of Sustainability Science & Policy (2014-present) Fellow, Gund Institute for Ecological Economics (2014-present) University of Vermont, Burlington, VT USA</p> <p>Associate Fellow (2015-present), Tellus Institute, Boston MA USA</p> <p>Associate Professor (2012-2014), Assistant Professor (2005-2012) of Environmental Science & Policy Clark University, Worcester, MA USA</p> <p>Associate, Science, Technology & Public Policy Program, ETIP Research Group (Spring 2013) Research Associate, Energy Technology Innovation Policy (ETIP) Research Group (2005-2011) Harvard Kennedy School, Cambridge, MA USA</p> <p>Post-Doctoral Research Scholar, Belfer Center for Science and International Affairs (2002-2005) Harvard Kennedy School, Cambridge, MA USA</p> <p>Visiting Lecturer, Environmental Policy Group, Dept. of Urban Studies and Planning (2004-2005) Massachusetts Institute of Technology, Cambridge, MA USA</p> <p>Adjunct Lecturer. Boston University, Department of Earth Sciences, Boston, MA, USA (2003) Adjunct Lecturer, Tufts University, Medford, MA USA (Spring 2003)</p>
Education	<p>PhD California Institute of Technology, Pasadena, CA (2002) Environmental Science & Engineering MS California Institute of Technology, Pasadena, CA (1998) Environmental Science & Engineering BA Harvard University Cambridge, MA (1997) Environmental Science & Public Policy</p>
Awards, Honors and Fellowships	<p>Leopold Leadership Fellowship, Stanford Woods Institute for the Environment. 2015-2016 Henry J. Leir Luxembourg Program-Clark University (LLP-CU) Conference Award. April 2014 Faculty Community Engagement Award, Colleges of Worcester Consortium. March, 2013 Excellence in Teaching Award, Department of IDCE, Clark University. May 2011 Exceptional Merit Faculty Award, Clark University, 2008 USEPA Science to Achieve Results (STAR) Fellowship for Graduate Study, 1999-2002 Achievement Rewards for College Scientists (ARCS) Fellowship, 2000-2002 National Science Foundation (NSF) Graduate Fellowship, 1998-1999 Harvard College Research Fellowship and Dean's Research Award, 1996 \$38,961 Pforzheimer Student Fellowship, Radcliffe College, 1994-1995 \$60,000</p>
Funded Research	<p>award \$175,192 includes \$8,442 REU for undergrad research. 2011-2014 US Department of Agriculture, National Institute of Food & Agriculture 2011-67003-30346 <i>Understanding Biogeochemical Cycling in the Context of Climate Variability Using a Regional Earth System Modeling Framework.</i> w/ Wash. State U. Stephens Award \$146,169 2011-2016 \$3,030,000 Mosakowski Institute for Public Enterprise, Clark University. <i>Smart Grid Development in Worcester, MA.</i> Faculty Research Support. 2013-2016 \$34,000 Mosakowski Institute for Public Enterprise. <i>Public, Private & University Collaboration: Biotech and Green Energy Cluster Development.</i> Faculty Research Support. 2010-2012 \$21,600 National Science Foundation NSF-SES-0724257 <i>Collaborative Research: Diffusion of Emerging Energy Technologies within a State Context</i> Clark Award \$133, 293. 2007-2011 \$390,000 NSF Research Experiences for Undergraduates (REU) 2008-2011 \$14,676</p>

Publications

2016

2015

- Publications (Cont.) 2013 Peer-reviewed Journal Articles (continued)
18. Jiusto, S., McCauley, S., & **Stephens, JC** 2013. Integrating Shared Action Learning into Higher Education for Sustainability. *Journal of Sustainability Education*. Vol. 5.
 19. Chaudhry, R, M Fischlein, J Larson, DM Hall, TR Peterson, EJ Wilson, **JC Stephens**. 2013. Policy Stakeholders' Perceptions of Carbon Capture and Storage (CCS): A Comparison of Four US States. *Journal of Cleaner Production*. Vol. 52, p. 21-32
 20. Boyd, AD, Y Liu, **JC Stephens**, E Wilson, M Pollak, TR Peterson, E Einsiedel & J Meadowcroft. 2013. Controversy in Technology Innovation: Contrasting Media and Expert Risk Perceptions of the Alleged Leakage at the Weyburn Carbon Dioxide Storage Demonstration Project. *International Journal of Greenhouse Gas Control*. Vol. 14, p. 259-269
 21. Fischlein, M, EJ Wilson, **JC Stephens**, TR Peterson. 2013. States of transmission: moving towards large scale wind power. *Energy Policy*. Vol. 56. p.101-113
 22. McCauley, SM & **Stephens, JC** 2012 Green Energy Clusters & Socio-Technical Transitions: Analysis of a Sustainable Energy Cluster for Regional Economic Development in Central Mass. USA. *Sustainability Science*. Vol 7. No. 2 p. 213-225
 - 2011 23. **Stephens, JC**, A Hansson, Y Liu, H de Coninck, S. Vajjhala. 2011. Characterizing the Internat'l Carbon Capture & Storage Community. *Global Environmental Change*. 21:379-390
 24. Markusson, N, A Ishii, **JC Stephens**. 2011. The Social and Political Complexities of Learning in CCS Demonstration Projects. *Global Environmental Change*. 21: 293-302
 25. Boyle, ME, Ross, L. **JC Stephens**. 2011. Who has a Stake? Stakeholder Saliency and the Sustainability of Community-University Partnerships. *Gateways: International Journal of Community Research and Engagement*. Vol. 4 p. 100-118
 26. Fischlein, M, J Larson, D Hall, R Chaudhry, **JC Stephens**, TR Peterson, EJ Wilson. 2010. Policy stakeholders & deployment of wind power in the sub-national context: a comparison of four U.S. states. *Energy Policy* 38: 4429–4439
 - 2010 27. **Stephens, JC** & S Jiusto. 2010. Assessing Innovation in Emerging Energy Technologies: Socio-Technical Dynamics of Carbon Capture and Storage (CCS) and Enhanced Geothermal Systems (EGS) in the USA. *Energy Policy*. 38: 2020-2031
 28. **Stephens, JC** & AC Graham. 2010. Toward an empirical research agenda for sustainability in higher education: exploring the transition management framework. *Journal of Cleaner Production*. 18: 611-618
 29. **Stephens, JC**, G Rand, L Melnick. 2009. Wind Energy in the Media: A Comparative State-Level Analysis of a Critical Climate Change Mitigation Technology. *Environmental Communication: A Journal of Nature and Culture*. Vol. 3. No. 2 p.168-190.
 - 2009 30. EJ Wilson and **JC Stephens**. 2009. Wind in a Carbon-Managed World: States, Resources, Policy and Discourse. *Environmental Science and Technology* 43 (24): 9063–9070
 31. **Stephens, JC**, EJ Wilson, TR Peterson. 2008. Socio-Political Evaluation of Energy Deployment (SPEED): An Integrated Research Framework for Analysis of Energy Technology Deployment. *Technological Forecasting and Social Change* 75: 1224–1246
 - 2008 32. **Stephens, JC** & DW Keith, 2008. Assessing Geochemical Carbon Management. *Climatic Change*. 90 (3): 217-242
 33. **Stephens, JC**, ME Hernandez, M. Román, AC Graham, & RW Scholz. 2008. Higher Education as a Change Agent for Sustainability in Different Cultures and Contexts. *International Journal for Sustainability in Higher Education*. 9 (3): 317-338
 - 2006 34. **Stephens, JC** 2006. Growing Interest in Carbon Capture and Storage (CCS) for Climate Change Mitigation. *Sustainability: Science, Practice, and Policy*. Vol. 2, Iss. 2.
 - 2004 35. **Stephens, JC** & JG Hering 2004. Factors Affecting the Dissolution Kinetics of Volcanic Ash Soils: Dependencies on CO₂, pH & organic acids. *Applied Geochemistry*
 - 2002

Publications
(Cont.) 2016

2014

2013

2009

2016

2015

2014

- Publications (Cont.) 2014
- Other Publications: Including Op-Eds, Policy Perspectives and Practitioner Reports (Cont)
9. Langheim, R. M Skubel, X Chen, W Maxwell, TR Peterson, EJ Wilson and **JC Stephens**. 2014 Smart Grid Coverage in U.S. Newspapers: Characterizing Public Conversations. *The Electricity Journal*. Vol. 27 No. 5 p. 77-87
 10. **Stephens, JC**. 2013. *The Potential of a Smarter Grid*. Op-Ed Worcester T&G. July 16, 2013
 11. Boyle, ME, S McCauley, **JC Stephens**, J Zhang. 2012. *Lessons from the Biocluster: Report & Recommendations*. Report for Board of Trustees, Mass. Biotech Initiative (MBI). April 2012
 - 2011 12. **Stephens, JC** 2011. *An Uncertain Future for Carbon Capture and Storage*. Public Interest Report (PIR): A Magazine for Science & Security (64)2. Fed. of Amrcn Scientist Magazine
 13. **Stephens, JC** 2011. *Leadership and Learning: A Faculty Perspective* Editorial piece in Mageuzi. IDCE, Clark University. May 2011
 14. de Coninck, H, **JC Stephens**. B Metz. 2009. *Global Learning on Carbon Capture and Storage: A Call for Strong International Cooperation on CCS Demonstration*. Energy Policy. (37)6, p. 2161-2165
 - 2008 15. **Stephens, JC** & AC Graham. 2008. *Climate Science to Citizen Action: Urgent Need to Energize Non-Formal Climate Science Education*. EOS. American Geophys. Union. (89)22, p. 204-205
 16. Bielicki, J and **JC Stephens** 2008. *Public Perception of Carbon Capture and Storage Technology Workshop Report*. ETIP Workshop. Harvard Kennedy School. Cambridge, MA USA
 17. **Stephens, JC** 2007. *Community Engagement in a First-Year Seminar*. New England Faculty Development Consortium (NEFDC) Exchange. Vol. 17. No. 2. Spring 2007. p. 9-10
 - 2005 18. **Stephens, JC** 2005. *Coal Technologies for a CO₂-Constrained World: Current Challenges of Advancing These Technologies* OGEL (Oil, Gas, Energy Law Intelligence) Special Issue on Coal. Fall 2005
 19. **Stephens, JC** & D Keith. 2005. Health, Safety and Environmental Risks of CO₂ Storage. Module 8. & Regulatory & Legal Aspects of Carbon Storage. Module 10, in Asian-Pacific Economic Cooperation (APEC) Training Manual on CO₂ Capture & Geological Storage
 20. **Stephens, JC** & B van der Zwaan. 2005. The Case for Carbon Capture and Storage. In *Issues in Science and Technology*. XXII, no. 1 (Fall 2005): 69-76
 21. **Stephens, JC** and K Sims Gallagher. 2005. Untie Utilities Hands on Coal. Op-ed in *The Albuquerque Journal*. March 10, 2005
 - 2002 22. **Stephens, JC** 2002. *Response of Soil Mineral Weathering to Elevated Carbon Dioxide*. Ph.D. Thesis. Dept. of Environmental Science & Engineering, Caltech, Pasadena, CA USA
 23. **Stephens, JC** 1997-98. Factors limiting the acceptance and use of innovativ Tw(9U-rnvativ TPh.D.)(n)2p

2015

2014

Publications Conference Papers, Discussion Papers, and Working Papers (cont)

- (Cont.) 2012
8. Stephens, N. & C Stephens 2012. Climate Discourse in National and Global Contexts: Bolivia, the U.S. and Global Justice. International Conference on Culture, Politics and Climate Change. September 15, 2012. Boulder CO, USA.
 9. Wilson, EJ, C Koenigs, M Suri, TR Peterson, & C Stephens 2012. Smart Grid in Context: Technology and Policy Across Regions. Western Energy Policy Conference. Aug 30-31, 2012. Boise Idaho, USA.
 10. Feldpausch-Parker, A, R Chaudy, Stephens, M Fischlein, DM Hall, LL Melnick, TR Peterson, CJ Ragland, EJ Wilson. 2011. Comparative state-level analysis of carbon capture and storage (CCS) discourse among energy stakeholders. International Conference on Greenhouse Gas Control Technology. Published in Energy Procedia 10: 6368-6375
 11. Ragland, CJ, A Feldpausch-Parker, TR Peterson, C Stephens, EJ Wilson. 2011. Socio-political

2009

2008

- | | |
|--------------------------|--|
| Presentations
(Cont.) | Invited Presentations (continued) |
| 2015 | <ul style="list-style-type: none"> 6. Stephens, JC. 2016. <i>The Renewable Energy Transition and Smart Grid: Evolution or Revolution?</i> Northeastern University, Boston MA USA, January 25, 2016 7. Stephens, JC. 2015. <i>Energy System Planning Post-Superstorm Sandy: Analysis of Climate and Energy Discourse.</i> UMass Boston, November 18, 2015 8. Stephens, JC. 2015. <i>Energy Systems for Resilience.</i> Policy Research Summit on Economics. University of Vermont. Burlington, VT. November 17, 2015 9. Stephens, JC. 2015. <i>Fossil Fuel Divestment: A Destablization Strategy in the Renewable Energy Transition.</i> Ontario Network for Sustainable Energy Policy. October 29, 2015 10. Stephens, JC. 2015. <i>Vermont and the Renewable Energy Transition.</i> Vermont Agency for Natural Resources. Montpelier, VT. USA. October 21, 2015 11. Stephens, JC. 2015. <i>Smart Grid and the Renewable Energy Transition: Evolution or Revolution?</i> Trinity College Dublin, Ireland. June 24, 2015 12. Stephens, JC. 2015. <i>Power Struggles: Conundrums of the Renewable Energy Transition.</i> Olin College, Needham, MA, USA. April 27, 2015 13. Stephens, JC. 2015. <i>Social Change in the Transition from Fossil Fuels to Renewable Energy Systems.</i> Clark University. Worcester, MA March 27, 2015 14. Stephens, JC. 2015. <i>Power Struggles in the Renewable Energy Transition.</i> University of Massachusetts, Amherst, MA. March 4, 2015 |
| 2014 | <ul style="list-style-type: none"> 15. Stephens, JC. 2015. Guest Lecture in EE 295 Non-Carbon Based Electric Power Generation. UVM, Electrical Engineering Dept. Burlington, VT, USA Feb 23, 2015 16. Stephens, JC. 2014. Panelist in Communication Workshop. National Summit on Smart Grid and Climate Change. Washington DC. December 3, 2014 17. Stephens, JC. 2014. <i>Ending Fossil Fuel Investments for the Renewable Energy Transition.</i> Legislative Policy Research Summit on Climate Change. UVM Burlington, VT. Nov 18, 2014 18. Stephens, JC. 2014. <i>Social Dimensions of the Renewable Energy Transitions.</i> Department of Public Service. Montpelier, VT. October 21, 2014. 19. Stephens, JC. 2014. <i>Power Struggles in Energy System Transition.</i> Huxley Lecture. Western Washington University. Bellingham, WA, October 9, 2014 20. Stephens JC. 2014. <i>Social Dimensions of Smart Grid.</i> IGERT Program Seminar. UVM. Burlington, VT October 1, 2014 21. Stephens, JC. 2014. <i>Controversy in Climate Mitigation Investments: Technological Optimism in Carbon Capture & Storage.</i> School of Engineering. UVM. Burlington, VT Sept. 16, 2014 22. Stephens, JC. 2014. <i>Renewable Energy Around the World: Challenges and Opportunities of Transition.</i> UVM Energy Action Seminar. Burlington, VT, September 8, 2014 23. Stephens, JC. 2014. <i>Power Struggles: Social Dimensions of Energy System Change.</i> Gund Institute for Ecological Economics. UVM Burlington, VT September 5, 2014. 24. Stephens, JC. 2014. <i>Academic Engagement in the Renewable Energy Transition.</i> Roger Kasperson Honorary Symposium. Tighlman Island, MD. May 12, 2014 25. Stephens, JC. 2014. <i>Stakeholders' Perspectives on Smart Grids: Report on US Focus Groups.</i> US-Canada Smart Grid Research Workshop. Wakefield, Quebec May 7, 2014 26. Stephens, JC. 2014. <i>The Renewable Energy Transition & Community Engagement.</i> University of Vermont, April 3, 2014. Burlington, VT. USA 27. Stephens, JC. 2014. <i>Residential Solar in Massachusetts.</i> Guest speaker. U of Minnesota Humphrey School of Public Policy. February 24, 2014. Minneapolis, MN, USA 28. Stephens, JC. 2014. <i>Energy Innovation & Climate Change: A Socio-Technical Systems Perspective on Smart Grid.</i> Worcester Polytechnic Institute, Jan 21, 2014, Worcester, MA |
| 2013 | <ul style="list-style-type: none"> 29. Stephens, JC. 2013. <i>Smart Grid and SPEED: Socio-Political Evaluation of Energy Deployment.</i> UCLA Law School. November 1, 2013, Los Angeles, CA USA 30. Stephens, JC. 2013. <i>Smart Grid and Climate Change.</i> Environmental Science and Engineering Seminar. Caltech. October 30, 2013. Pasadena, CA USA 31. Stephens, JC. 2013. <i>Building a Sustainable Worcester.</i> Panelist. September 24, 2013 Hanover Theater, Worcester, MA USA 32. Stephens, JC. 2013. <i>Environmental and Sustainability Science.</i> Guest Lecture Graduate School of Management Course: Greening the Organization. Clark University Sep 5, 2013 |

Presentations
(Cont.) 2013

Invited Presentations (continued)

33. **Stephens, JC.** 2013. *Policy Stakeholders' Perceptions of Carbon Capture and Storage: A Comparison of Four U.S. States*. Outreach Working Group, Regional Carbon Sequestration Partnership. July 18, 2013. Telecommunication.
34. **Stephens, JC.** 2013. *Competing Visions of Smart Grid and Sustainable Energy Clusters: The Critical Role of Socio-Political Context*. June 21, 2013. University of Durham, Durham, UK
35. **Stephens, JC.** & AC Graham 2013 *Climate-Energy Linkages in Literacy Initiatives & Public Discourse*. June 12, 2013. Garrison Institute. Climate, Mind, & Behavior Symposium. Garrison, NY USA
36. **Stephens, JC.** 2013. *The Smart Grid Vision & Sustainability*. April 24, 2013 Keynote. MA Sustainable Communities & Campuses Conference. DCU Center, Worcester, MA USA
37. **Stephens, JC.** 2013. *Climate Change, Energy, & Communication*. April 10, 2013. Guest lecture, U of New Hampshire, Env't'l Communication course. Durham, NH USA
38. **Stephens, JC** 2013. *Social Dynamics of Technology Innovation: Energy System Change & Climate Modeling* April 2, 2013 Clark University, Worcester, MA USA
39. **Stephens, JC** 2013. *Smart Grid & Sustainable Energy Clusters: Socio-Political Influence on Energy System Change*. March 28, 2013 Dept of Earth & Env't, Boston Univ., MA USA
40. **Stephens, JC** 2013. *Post-Sandy Discourse on Energy System Vulnerability & Smart Grid*. Conference on Climate Change & America's Infrastructure: Engineering, Social and Policy Challenges. Panel on Policy & Governance. January 28, 2013. Tempe, AZ USA
- 2012 41. **Stephens, JC** 2012. *Competing Visions of "Smart Grid" Radical vs. Incremental Change in Energy Systems*. Geography Dept. Clark Univ. Nov 16, 2012. Worcester, MA USA
42. **Stephens, JC** 2012. *Competing Stakeholder Perspectives on Energy System Change & Climate Modeling*. Invited Lecture, October 31, 2012. ETH Zurich, Switzerland.
43. **Stephens, JC** 2012. *Environmental & Sustainability Science: Climate Change & Energy*. Oct. 27, 2012. Guest lecture MA Maritime Academy. Sustainable Business. Waltham, MA USA
44. **Stephens, JC** 2012. *Carbon, Capture & Storage in the US Context*. Invited lecture MIT course "Energy Policy for a Sustainable Future" May 16, 2012. Cambridge, MA USA.
45. Boyle, ME, McCauley, S, **Stephens, JC**, Zhang, J, Marshall, A. *Lessons from the Biocluster*. Trustees Meeting, Mass. Biotech Initiative. April 19, 2012. Tufts, Grafton, MA USA.
46. **Stephens, JC** 2012. *Climate Change: Understanding the Science and the Skepticism*. Sustainable Communities Initiative. Rhode Island College, April 12, 2012. Providence, RI, USA
47. **Stephens, JC** 2012. *Diminishing Hype of so-called "Clean Coal": Carbon, Capture, and Storage (CCS) in the US Context*. Invited Public Lecture, Big Energy Seminar Series, Renewable & Sustainable Energy Initiative, April 3, 2012. University of Colorado, Boulder, CO. USA
48. **Stephens, JC** 2012. *Competing Visions of Energy Technologies for Climate Mitigation: Smart Grid, Wind Power, and CCS*. Com. Dept, U. of CO, April 4, 2012. Boulder, CO. USA
49. **Stephens, JC** 2012. *Energy Innovation & Universities in Urban Sustainability*. Panelist, Symp. Green Cities. McKinsey & Company. Jan. 20, 2012. Knowledge Ctr Waltham, MA USA
- 2011 50. **Stephens, JC** 2011. *Engagement to Advance Social (as well as technical) Learning*. Int. Workshop on Public Participation & Govrn. of CCS Oct. 31, 2011 Westminster, London, England
51. **Stephens, JC** 2011. *Knowledge Clusters and Economic Development in the Worcester Region: Biotech and Green Energy* Mosakowski Inst Panel. Oct 19, 2011. Clark Univ. Worcester, MA USA
52. **Stephens, JC** 2011. *Multi-Level Governance and the Challenge of Smart Grids*. Workshop on Smart Grid Innovation & Sustainable Energy. Oct 6, 2011. Wakefield, Quebec. Canada
53. **Stephens, JC** 2011. *Moving Toward Sustainability: Research and Action from Worcester to Rio*. Clark University Alumni Event Faculty Lecture. June 26, 2011. San Francisco, CA USA
54. **Stephens, JC** 2011. *Socio-Political Influences on Climate Mitigating Energy Technology: Wind and Carbon Capture and Storage in the United States* EAWAG. May 13, 2011. Zurich, Switzerland
55. **Stephens, JC** 2011. *Carbon Capture and Storage (CCS): Should the US government continue to fund CCS?* Worcester Polytechnic Institute (WPI). April 5, 2011 Worcester, MA, USA
- 2010 56. **Stephens, JC** 2010. *Public Perceptions of CCS: A Focus on the Sub-National Level*. Guest lecture for joint U. of Utah & New Mexico Tech Course for Southwest Carbon Partnership Training program. November 15, 2010. Internet technology – no travel.
57. **Stephens, JC** 2010. *Wind and Carbon Capture and Storage in the USA: A Comparative Analysis of Sub-National Socio-Political Contexts*. Tsinghua University, School of Public Policy & Management. June 3, 2010. Beijing, China

Presentations Invited Presentations (continued)

- (Cont.) 2009 58. **Stephens, JC** 2009. *The Politics of CCS Learning: Demonstration Projects and Technological Optimism Within the CCS Community*. UNFCCC Side Event on CCS. COP-15. Dec 12, 2009. Copenhagen, Denmark
59. **Stephens, JC** 2009. *Public Perception, Communication, and Social Acceptance of CCS: Relevance to Political Controversy*. Stockholm Environment Institute. Jun 11 2009. Stockholm, Sweden
60. **Stephens, JC** 2009. *Framing Wind: A Comparative State-Level Media Analysis of a Critical Climate Change Mitigation Technology*. Marsh Lecture Jan 29, 2009. Clark, Worctr, MA, USA
- 2008 61. **Stephens, JC** 2008. *Technology Over Policy: The Politics of Carbon Capture and Storage (CCS) in the U.S. Context*. Invited presentation at the Energy Center of the Netherlands. October 14, 2008. Amsterdam, The Netherlands
62. **Stephens, JC** 2008. *The Politics of Carbon Capture and Storage (CCS) in the U.S. Context: Technology Leader but Policy Laggard*. Invited presentation at the University of Stavanger, Norway. October 13, 2008. Stavanger, Norway
63. **Stephens, JC** 2008. *State-level Discourse on Emerging Energy Technologies*. Invited Presentation. Energy Technology Innovation Policy Group Seminar Series. Harvard Kennedy School, May 13, 2008. Cambridge, MA USA
64. **Stephens, JC** 2008.

2007

2005

2002

Presentations Conference Presentations

- (Cont.) 2015 1. **Stephens, JC.** R Pearl-Martinez. 2015. Gender & Cultural Change in the Renewable Energy Transition: Distributing the Power for Social Change. Society for Social Studies of Science (4S),

2014

2013

2012

2011

2010

Service

University of Vermont Service (2014-present)

Faculty-in-Residence, Greenhouse Residential Learning Community. Fall 2014-present
 Ecological Engineers, Faculty Coordinator. Fall 2014-present.
 Clean Energy Committee, faculty representative. 2014-present
 Energy-Climate Public Research Fellowship, Developer & Coordinator, Fall 2014-present
 Rubenstein Curriculum Committee, 2015-present
 IGERT Smart Grid Graduate Admissions Committee. Fall 2014-present
 Environmental Studies Director & Cluster Hire Search Committee, 2014-2015
 Rubenstein School Year 2 of the Core Curriculum Committee. 2014-2015
 Review Committee for the Transportation Research Center Student of the Year. Fall 2014

Clark University Service (2005-2014)

Coordinator, Environmental Science & Policy Graduate Program 2007-2010, 2011-2012
 Faculty Rep (elected) on Planning Budget & Review Committee 2011-2014
 Board of Trustees Environment Committee, 2009 – 2012
 Clark University Environmental Sustainability Task Force, April 2006–2014
 Mosakowski Institute for Public Enterprise Faculty Steering Committee, 2008–present
 Marsh Institute Steering Committee 2012 – 2014
 Faculty Work Task-Force. Fall 2010 – Spring 2012
 Clark University Judicial Board. 2009 – 2012
 Search committees (Environmental Chemistry Faculty 2009–2010 & Campus Sustainability Coordinator 2006 & 2010)
 Study Abroad Advisory Committee, summer 2007 – summer 2008
 Compton Fellowship Committee, 2006–2010,
 Chair of the IDCE Communications and Community Committee 2009-2010
 Coordinator, Environmental Science & Policy Undergraduate Program 2013-2014
 Environmental Science & Policy Admissions Committee 2005-2012 (Chair 2008 2011)
 Environmental Science Undergraduate Steering Committee March 2006 – 2010
 Faculty Search Committees, IDSC Fall 2006, ES&P Spring 2011 (Chair)
 Marsh Institute Management Committee 2008 – 2014
 Geller Fellowship & Geller Annual Lecture Organizing Committee, 2005 to 2014

University-
Community
Engagement**Campus Panels/Sessions Presented, Moderated or Organized**

Co-organizer of “Power from the North” Conference on Quebec-New-England Energy Relationships at University of Vermont, Burlington VT. March 23-24, 2015.
 Coordinated and presented at public forum “What is Smart Grid and Why Should We Care?” Clark University, Nov. 25, 2013
 Presented at Earth Transformed 25 Year Anniversary Faculty Panel on “*Social Dynamics of Technology Innovation: Energy System Change & Climate Modeling*” April 2, 2013 Clark University.
 Moderator of Alumni Panels on “The Importance of a Sustainable Society” Alumni Weekend, May 20, 2011. “Energy & the Environment in the 21st Century” May 18, 2012 Clark University
 Massachusetts Climate Action Network Annual Conference. Moderator of session on University Engagement. October 24, 2010. Clark University, Worcester, MA. USA
 Moderator for Clark University’s Presidential Inauguration (David Angel) Panel on “Sustainability in the 21st Century” September 22, 2010. Clark University, Worcester, Massachusetts, USA
 Moderated panel with Dr. Rajendra Pachuri, Chair of the Intergovernmental Panel on Climate Change. September 23, 2010. Clark University, Worcester, Massachusetts, USA
 Organized/moderated panel-community discussion on “Implementing Climate Change Solutions: Integration among National, State, and Local”. Feb. 5, 2009. Five invited panelists. Clark Univ.
 Co-organizer of “Shaping A Local Green Economy: A Dialogue for the Future of Worcester” November 18, 2009. 200 community members, faculty and students attended. Clark University
 Session Co-Chair (w/ Graham) “*Diverse Perspectives on Climate Change Education: Integrating Across Boundaries*” NCSE Meeting: Climate Change: Science & Solutions. Jan. 17, 2008. Wash. DC, USA
 Co-organizer Clark Difficult Dialogues Spring 2008 symposium on Climate Change 2007-2008. Clark University, Worcester, Massachusetts, USA
 Organized Clark campus-wide Focus the Nation climate change teach-in on Jan. 31st 2008 w/ 28 faculty from 13 departments & 8 sessions each w/ 50-100 participants. Clark University

Professional
Service

Professional Memberships

New England Women in Energy & Environment Society for Risk Analysis (SRA)
Union of Concerned Scientists (UCS) Society for Social Studies of Science (4S)
Am. Geophysical Union (AGU) Am. Educational Research Assoc. (AERA)
Am. Association of Geographers (AAG) Mothers Out Front
Am. Ass. for the Advancement of Science (AAAS)
Clean Energy Education & Empowerment (C3E)
Association for Environmental Studies & Science (AESS)
Association for Public Policy Analysis & Management (APPAM)

Professional
Service (cont)

Book Proposal Peer-Reviewer for:

Oxford University Press (2013)	University of California Press (2014)
Routledge - Earthscan (2012, 2011, 2010)	Bentham Science Publishers (2013)
University of British Columbia Press (2015)	Springer (2012)
Brookings Institution Press (2008)	Elsevier Science & Tech. (2007)
Cambridge University Press (Jun & Jan 2014, 2011, Jan & Aug 2010, Mar & Oct 2009, 2007)	

Peer-Reviewer of Manuscripts for:

Energy Policy (2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, & 2008)
 Environmental Science & Technology (2014, 2012, 2010, 2009)
 Environment and Planning C: Government and Policy (2016)
 Nature Energy (2015)
 Energy Research and Social Science (2015)
 Global Environmental Change (2014)
 Journal of Environmental Management (2015, 2013, 2012)
 Journal of Cleaner Production (2016, 2014, 2013, 2012, 2009, 2008)
 International Journal of Sustainability in Higher Education (2013, 2011)
 Technological Forecasting & Social Change (2011)
 Journal of Geography in Higher Education (2010)
 Environmental Communication (2016, 2015, 2013)
 Sustainability (2015, 2014, 2013, 2011, 2010)
 Climate Policy (2014, 2015)
 Climatic Change (2009)
 IEEE Transactions on Smart Grid (2015)
 Energies (2015, 2014, 2012)
 Ecology and Society (2014, 2012)
 Frontiers in Energy (2015)
 Environmental Politics (2011, 2010, 2009)
 Sage Open (2014) Science and Public Policy (2013)
 Local Environment (2014, 2013)
 Sustainability Science (2010)
 Journal of Urbanism (2012)
 Science Communication (2012)
 Journal of Risk Analysis (2012)
 Risk Analysis: An International Journal (2013)
 Health Education Research (2010)
 International Journal of Greenhouse Gas Control Technologies (2016)
 Current Opinion in Environmental Sustainability (2015)
 International Journal of Decision Support Systems (2014)
 Sustainability: Science, Practice, & Policy (2013, 2012, 2011, 2010, 2009, 2008)
 International Journal of Sustainable Development (2012)
 Journal of Environmental Studies & Sciences (2016, 2015, 2014, 2012, 2011)
 Natural Resource Forum: U.N. Sustainable Development Journal (2012)
 World Resources Institute (WRI) Paper Series (2007)
 Energy: Proceedings of the Institution of Civil Engineers (2011)
 International Journal of Environmental Research & Public Health (2011)
 Environmental Practice: Journal of the National Association of Env'tl. Professionals (2009)
 Annals of the Association of American Geographers (2010)

Consulting

The Cadmus Group, 2013-2014. Assessing Urban Climate Resilience: Tool Development.

**Student
Theses
Advising**

**Current Students
Graduate Thesis Committee**

1. Daniel Fredman, PhD Candidate, Rubenstein School of Environment and Natural Resources, IGERT, UVM, Burlington, VT USA.
2. Elizabeth Allen, PhD Candidate, School of the Environment, Washington State University, Pullman, Washington, USA.
3. Sonya Ahamed, PhD Candidate, Rubenstein School of Environment and Natural Resources, IGERT, UVM, Burlington, VT, USA
4. Elizabeth Palchak, PhD Candidate, Rubenstein School of Environment and Natural Resources, UVM, Burlington, VT, USA
5. Laura Edling, PhD Candidate, Rubenstein School of Environment and Natural Resources, UVM, Burlington, VT, USA
6. Bonnie Reese, PhD Candidate, Rubenstein School of Environment and Natural Resources, UVM, Burlington, VT, USA
7. Austin Thomas, PhD Candidate, Rubenstein School of Environment and Natural Resources, IGERT, UVM, Burlington, VT, USA
8. Kristin Raub, PhD Candidate, Rubenstein School of Environment and Natural Resources, IGERT, UVM, Burlington, VT, USA
9. Matthew Burke, PhD Candidate, McGill School of Environment, Montreal, Canada
10. Caitlin Bliss, M.S. Candidate, Electrical Engineering, UVM, Burlington, VT, USA

**Student
Theses
Advising**

Graduated Students

2015

Mads Dahl Gjefsen. PhD. TIK Centre for Technology, Innovation and Culture
University of Oslo, Norway. Served as External Opponent May 2015
Deandra Perruccio, MS, Community Development & Applied Economics, UVM

2014

Chloe Blaise, MS, Environmental Science and Policy, Clark University
Darija Cosic, MS, Environmental Science and Policy, Clark University
Sundar Layalu, MS, Environmental Science and Policy, Clark University
Lorelei Obermeyer, MS, Environmental Science and Policy, Clark University
Rachel Sorenson, MS, Environmental Science and Policy, Clark University
Lauren Zeimer, MS, Environmental Science and Policy, Clark University

2013

Pete O'Connor, PhD, Department of Earth and Environment, Boston University
Katherine Lacasse, PhD, Department of Psychology, Clark University
Ria Langheim, MS, Environmental Science and Policy, Clark University
Ran Wang, MS, Environmental Science and Policy, Clark University
Xiao Chen, MS, Environmental Science and Policy, Clark University

2012

Taoi Ngu02 n9fTlin Environmental Science and Policy, Clark Universittal Scienc, MS, Envart6iO9 Uni

