

**JONATHAN T. ISHAM, JR.**

Center for Social Entrepreneurship  
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**EMPLOYMENT HISTORY**

**Department of Economics and Program in Environmental Studies, Middlebury College**

Director of the Center for Social Entrepreneurship, 2014–present  
Faculty Director of the Center for Social Entrepreneurship, 2011–2014  
Director of Environmental Studies, 2011–2014  
Professor, 2010–present  
Associate Professor, 2006–2010  
Luce Professor of International Environmental Economics, 2006–2009  
Assistant Professor, 2000–2006  
Lecturer, 1999–2000

- On leave, 2009–2010
- Middlebury College Educational Affairs Committee. July 2007–June 2009
- Middlebury College Faculty Council. January 2003–June 2003; July 2005–June 2007
- Salzburg Seminar Presidential Fellow. July 2008
- Northern New England Service Faculty Consulting Program. 2004–present
- Middlebury College Environmental Studies Steering Committee. September 1999–present

**Co-Founder and Principal**

Brighter Planet, a climate-services company founded in Middlebury, VT. 2005–2013

**Research Associate**

The Center for Institutional Reform and the Informal Sector, College Park, MD. 1994–1999

**Research Assistant and Assistant Task Manager**

The World Bank, Washington, DC. 1990–1994

**Teaching Assistant and Teacher**

Johns Hopkins University School of Advanced International Studies (SAIS), Washington, DC.  
The Emerson School, Washington, DC. 1988–1990

**Site Supervisor**

East Bay Conservation Corps, Oakland, CA. 1987–1988

## **Appropriate Technology Specialist**

United States Peace Corps, Cotonou, Benin. 1984–1987

## **EDUCATION**

Ph.D., Economics, 2000. University of Maryland at College Park

- Dissertation: “A Model of Technology Adoption with Social Capital.”
- Specialized in environmental economics and development economics

M.A., International Studies, 1990. Johns Hopkins University-SAIS

- Concentrated in social change and development and international economics
- William H. Foster Award for academic excellence and leadership
- Olmsted Fellowship for academic record and leadership

A.B. *cum laude*, General Studies, 1984. Harvard College

- Concentrated in social anthropology
- Harvard College Scholarship, Harvard National Scholar

## **PROFESSIONAL AWARDS**

- Nominee for the 2010 Baylor University Robert Foster Cherry Award for Great Teaching
- Winner of the 2006 *Vermont Campus Compact Engaged Scholar Award* for “engagement both in and outside the classroom.”
- Winner of the 2005 *Marjorie Lamberti Faculty Appreciation Award* for “excellence and dedication in teaching.”
- Nominee (one of three statewide) for the 2005 *Vermont Campus Compact Excellence in Teaching Award* “for exemplary, innovative teaching using community-based learning.”
- Co-recipient, representing Middlebury College, of the 2005 Clean Air-Cool Planet *Climate Champion Award* for “advancing campus solutions to global warming.”
- Nominee in 2000 and 2003 for the *SGA Faculty Appreciation Award* for “excellence and dedication in teaching.”

## **PROFESSIONAL SERVICE**

**Board of Directors** for Climate Counts (2009–2013), Brighter Planet (2009–2013) and St. George’s School (2009–present)

**Advisory Board** for Planet Forward (2009–present), Sword & Plough (2013–present), and Spark (2013–present)

**Editorial Board** for *Solutions: For a Sustainable and Desirable Future*. 2008–present

**Member** of Climate Economics Task Force, Economists for Equity and the Environment. 2008–2012; Governor’s Commission on Climate Change. 2006–2007

**Referee** for *Agricultural Economics*, *American Economic Review*, *American Political Science Review*, *Contemporary Economic Policy*, *Economic Development and Cultural Change*, *Economic Enquiry*, *Economic Journal*, *Ecological Economics*, *Environmental Management*, *The Journal of African Economies*, *The Journal of Agricultural and Applied Economics*, *The Journal of Development Economics*, *The Journal of Development Studies*, *The Journal of Economic Growth*, *The Journal of Institutional Economics*, *The Political Science Quarterly*, *The Southern Economic Journal*, and *World Development*

**Reviewer** for The Fraser Institute, The International Food Policy Research Institute, Island Press, Kluwer Academic Press, Kumarian Press, National Science Foundation, Oxfam America, Rowman & Littlefield Publishers, Rutgers University Press, Temple University Press, and Yale University Press

**Invited talks** for Addison County Regional Planning Commission, Cooperative Insurance of Vermont, Cornwall Historical Society, First Congregational Church of Cornwall, Green Mountain Global Forum, Lincoln Library, Middlebury Retired Clergy, Middlebury Cable Television, Middlebury Alumni College, Middlebury Elderly Services, Middlebury Rotary Club, Middlebury Area Land Trust, People of Addison County Together, Region Educational Television Network, Renewable Energy Vermont, South Hero Democratic Committee, Vermont Community Foundation, and Weybridge Farmers Club

## PUBLICATIONS

### BOOKS AND JOURNALS

Guest Editor of 'Getting to 350,' special edition of *Solutions: For a Sustainable and Desirable Future*. 2010. Allen Press

*Ignition: What Can You Do to Fight Global Warming and Spark a Movement*. 2007. Editor with Sissel Waage. Island Press

*Social Capital and Economic Development: Well-being in Developing Countries*. 2002. Editor with Sunder Ramaswamy and Thomas Kelly. Edward Elgar Publications

### JOURNAL ARTICLES

"The Promise of Deliberative Democracy." With Marian Herbick. *Solutions: For a Sustainable and Desirable Future*. 2010. 1(5): 25–27

"The Big Push for Clean Energy Innovation in the United States." With Rebecca Henderson. *Solutions: For a Sustainable and Desirable Future*. 2010. 1(5): 30–32

"The Determinants of Water Connection and Water Consumption: Empirical Evidence from a Cambodian Household Survey." 2008. With Marcello Basani and Barry Reilly. *World Development* 36(5): 953–968

"Does Relationship Lending Still Matter in the Consumer Banking Sector?" 2007. With Jessica Holmes, Ryan Petersen (Middlebury '03) and Paul Sommers. *Social Sciences Quarterly* 88(2): 585–97

“Is George Bailey Dead?” With Jessica Holmes and Paul Sommers. 2007. *Applied Financial Economic Letters* 3(1): 19–24

“Local Environmental and the Creation of Social Capital: Evidence from Vermont.” 2006. With Christopher McGrory Klyza and Andrew Savage (Middlebury ’03.5). *Society and Natural Resources* 19(10)

“The Effect of Volunteering for Non-Profit Organizations on Social Capital Formation: Evidence from a Statewide Survey.” 2006. With Jane Kolodinsky and Garret Kimberly. *Nonprofit and Volunteer Sector Quarterly* 35(3): 367–83

“Overcoming Information Asymmetries in Low-Income Lending: Lessons from the ‘Working Wheels’ Program.” 2005. With Jessica Holmes and Jessica Wasilewski (Middlebury ’02). *Southern Economic Journal* 72(2): 329–51

“The Varieties of the Resource Experience: How Natural Resource Endowments and Social Institutions Affect Economic Growth.” 2005. With Michael Woolcock, Lant Pritchett and Gwen Busby (Middlebury ’00). *World Bank Economic Review* 19(2): 141–74

“The Greening of Social Capital: An Examination of Land-Based Groups in Two Vermont Counties.” 2005. With Christopher McGrory Klyza and Andrew Savage (Middlebury ’03.5). *Rural Sociology* 70(1): 113–31

“Killington Mountain Resort: A Case Study of ‘Green’ Expansion in Vermont.” 2003. With Jeff Polubinski (Middlebury ’03). *The Vermont Law Review* 26(3): 565–92

“Institutional Determinants of the Impact of Community-Based Water Projects: Evidence from Sri Lanka and India.” 2002. With Satu Kähkönen. *Economic Development and Cultural Change* 50(3): 667–92.

“The Effect of Social Capital on Fertilizer Adoption: Evidence from Rural Tanzania.” 2002. *Journal of African Economies* 11(1): 39–60

“The Forgotten Rationale for Policy Reform: The Productivity of Investment Projects.” 1999. With Daniel Kaufmann. *Quarterly Journal of Economics* 114(1): 149–184

“Civil Liberties, Democracy, and the Performance of Government Projects.” 1997. With Daniel Kaufmann and Lant H. Pritchett. *World Bank Economic Review* 11(2): 219–42

“Does Participation Improve Performance? Establishing Causality with Subjective Data.” 1995. With Deepa Narayan and Lant H. Pritchett. *World Bank Economic Review* 9(2): 175–200

## Chapters in Edited Volumes

“Social Entrepreneurship in the Liberal Arts.” Forthcoming. *The Best Kind of College: An Insider’s Guide to America’s Small Liberal Arts Colleges.* Susan McWilliams and John Seery, Eds. SUNY Press.

“Can a Mountain Ecosystem be Projected When the Law Protects Its Parts? The Case of Vermont’s Act 250 and Killington Mountain.” (Four chapters) 2009. With Julia LeMense. *Mountain Resorts: Ecology and the Law*, 269–328. Janet Milne, Julia LeMense and Ross A. Virginia, Eds. Ashgate Press

- Chapter 15: “An Introduction to Killington Resort, Its Expansion Plans, and the Issues.”
- Chapter 16: “Vermont’s Act 250 and the Early Battles at Parker’s Gore East.”
- Chapter 17: “Expansion in the Wake of Parker’s Gore East: The Interconnect, the Woodward Reservoir, and the Resort Village.”
- Chapter 18: ‘Conclusion.’

“The Importance of ‘Exit and Voice’ in the Provision of Clean Water: Evidence from India, Sri Lanka and Indonesia.” 2003. With Satu Kähkönen. *Democracy and Development*, 98–120. Sunder Ramaswamy and Jeffery Cason, Eds. University Press of New England

“Social Capital and Well-being in Developing Countries: An Introduction.” With Sunder Ramaswamy and Thomas Kelly. 2002. *Social Capital and Economic Development: Well-being in Developing Countries*, 3–17. Edward Elgar Publications

“Can Investments in Social Capital Improve Local Development and Environmental Outcomes? A Cost-Benefit Framework to Assess the Policy Options.” 2002. *Social Capital and Economic Development: Well-being in Developing Countries*, 159–75. Edward Elgar Publications.

“How Do Participation and Social Capital Affect Community-Based Water Projects? Evidence from Central Java, Indonesia.” 2002. With Satu Kähkönen. *The Role of Social Capital in Development: An Empirical Assessment*, 155–87. Christiaan Grootaert and Thierry Van Bastelaer, Eds. Cambridge University Press

“The Social Foundations of Poor Economic Growth in Resource-Rich Countries.” 2001. With Michael Woolcock and Lant H. Pritchett. *Resource Abundance and Economic Growth*, 76–92. Richard Auty, Ed. Oxford University Press

“How Policies and Institutions Affect Project Performance: Microeconomic Evidence on Aid, Policies, and Investment Productivity.” 2000. With Daniel Kaufmann. *The World Bank: Structure and Policies*, 228–65. Christopher Gilbert and David Vines, Eds. Cambridge University Press

## OTHER ARTICLES AND REPORTS

“How 350 has Sparked Hope.” *Solutions: For a Sustainable and Desirable Future*. 2010. 1(5): p. 1

“Business, Faith and Climate Change: A Conversation with Mindy Lubber and Reverend Sally Bingham.” Interview. *Solutions: For a Sustainable and Desirable Future*. 2010. 1(5): 15–16

“ACES in the Hole.” *Solutions: For a Sustainable and Desirable Future*. 2010. 1(1): 39–40

“*Agape* and the New Climate Movement.” April 9, 2008. *The Huffington Post*

“Do the Impossible: Why Campus and Community Should Challenge Each Other to Act Locally and Globally.” With Diane Munroe. 2005. *Proceedings of Greening of the Campus VI*

“Some Strategies for a Melting Planet.” OpEd article, *The Providence Journal*, February 17, 2005, *The Rutland Herald* and *The Barre Montpelier Times Argus*, February 13, 2005

Book review of *Introduction to Environmental Economics*. Nick Hanley, Jason F. Shogren and Ben White. 2002. Oxford University Press. *Environmental and Resource Economics* 23: 480–82

“Social Capital and Consumption among Agricultural Households.” *Middlebury College Discussion Paper Series* (2002–02)

“Should We Bet on Private or Public Water Utilities In Cambodia? Evidence on Incentives and Performance from Seven Provincial Towns?” 2000. With Mike Garn and Satu Kähkönen. *Middlebury College Discussion Paper Series* (2002–19). Paper contracted for the Water and Sanitation Division of the World Bank

“Can Investments in Social Capital Improve Well-Being in Fishing Communities? A Theoretical Perspective for Assessing the Policy Options.” 2000. *Proceedings of the 10<sup>th</sup> Biennial Meeting of the International Institute of Fisheries Economics and Trade*

“Choosing Better Technology: Does Social Capital Help?” *Insights* 34: September 2000. The Institute of Development Studies, University of Sussex

Book review of *Local Commons and Global Independence: Heterogeneity and Cooperation in Two Domains*. 1996. Robert Keohane and Elinor Ostrom, Eds. Sage Publications. *Social Science Quarterly* 77 (4): 942–43

## **RECENT GRANTS**

The Betsy and Jesse Fink Foundation (August 2009–June 2010), in support of sabbatical research

The Henry R. Luce Foundation (July 2006–June 2009) in support of three-year term as Luce Professor of International Environmental Economics

The S.D. Bechtel Jr. Foundation (May 2005) to support *Ignition: What Can You Do to Fight Global*

### *Warming and Spark a Movement*

Environmental Studies Research Assistance Grants (two) from the Program in Environmental Studies (May 2005) to support *Ignition: What Can You Do to Fight Global Warming and Spark a Movement*

Mellon Research Award (January 2005), under the Mellon Foundation's Faculty Career Enhancement Initiative, to support *Ignition: What Can You Do to Fight Global Warming and Spark a Movement*

BPB Foundation; The Christian A. Johnson Foundation; The Schumann Foundation; Seventh Generation; the Vermont Campus Compact; and the following contributors from Middlebury College: The Ada Howe Kent Fund; The Alliance for Civic Engagement; The Charles P. Scott Spiritual and Religious Life Center; The Office of Environmental Affairs; Program in Environmental Studies; The Pooled Enrichment Fund; and The Rohatyn Center for International Affairs, for the January 2005 conference: "What Works? A Melting Pot of Ideas for a Melting Planet."

## **TEACHING PORTFOLIO**

### Fall and Spring Term Courses

21<sup>st</sup> Century Global Challenges (ES380)  
Conservation and Environmental Policy (ES211)  
Environmental Economics (EC265)  
Environmental Studies Senior Seminar (ES401)  
Global Warming Solutions (FYS 1239)  
Introductory Microeconomics (EC155)  
Microeconomic Theory (EC255)  
Special Topics in Environmental Economics (EC465)

### Winter Term Courses

Social Entrepreneurship in the Liberal Arts. 2012-14  
21<sup>st</sup> Century Global Challenges. 2011.  
Focus the Nation (with Eban Goodstein, Lewis and Clark College.) 2007  
Building the New Climate Movement. 2005  
The Scientific and Institutional Challenges of Becoming Carbon Neutral (with Lori Delnegro.) 2003  
Social Capital in Vermont. 2001

### Supervision of On-Campus Internships

The Outsiders. January 2013.  
Power Past Coal. January 2009.  
1Sky. January 2008.