**Jonathan Trumbull Isham, Jr.**

Professor of Economics and Environmental Studies

Middlebury College

(802) 443 – 5761

jisham@middlebury.edu

#### 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 international economics, social change and development.
* 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.

#### Publications

Articles and Book Chapters

“How Should We Prepare Students to Address the Challenges of our Time?” *Currents in Teaching and Learning.* 2018. 10(2): 2–8.

“Social Entrepreneurship in the Liberal Arts.” 2015. *The Best Kind of College: An Insider’s Guide to America’s Small Liberal Arts Colleges,* 175-180. Susan McWilliams and John Seery, Eds. SUNY Press.

“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.

“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 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): 905-19.

“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.

“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.

“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.

“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.

“Institutional Determinants of the Impact of Community-Based Water Projects: Evidence from Sri Lanka & 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 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.

“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.

Books and Journals

“Getting to 350.” Guest Editor of 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.

#### Other Articles and Reports

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

“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.

“Can Investments in Social Capital Improve Well-Being in Fishing Communities? A Theoretical Perspective for Assessing the Policy Options.” 2000. *Proceedings of the 10th 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. Sage Publications. *Social Science Quarterly* 77 (4): 942–43.

**Research Grants**

**Long-term Professional Development Fund (2018-2022) in support of “Love in Action,” a Middlebury College winter-term course.**

**Fulbright Scholar (2016 – 2017) in support of research and teaching at Ashesi University College in Ghana.**

**The Davis Foundation (2014-17) in support of research on the Davis Projects for Peace.**

**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) and the** Mellon Research Award (January 2005) **to support *Ignition: What Can You Do to Fight Global Warming and Spark a Movement.***

**Professional Service**

**Recent and forthcoming talks** Mt. Holyoke College (2019), Ashoka U Exchange (2018, 2015, and 2014), Groton School (2018), Green Mountain College (2017), the United States Embassy in Ghana (2017), Westmont College (2016), College of New Jersey (2015), Dalton School (2015), Transylvania University (2015), Swarthmore College (2015), National Association of International Educators (2015), New England Campus Compact (2015 and 2014), Westminster School (2014), The Heads Network (2014), Hamilton College (2013), Wilfred Laurier University (2013), and Middlebury Institute of International Studies (2013).

**Board of Directors** for St. George’s School (2009–2016), Climate Counts (2009–2013), Brighter Planet (2009–2013), and Save the Children Federation (1979-1981).

**Advisory Board** for Sword & Plough (2013–present), SparkFund (2013–present), and Planet Forward (2009–2016).

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

**Member** of Editorial Board, *Solutions: For a Sustainable and Desirable Future.* 2008–present; 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, World Bank Economic Review,* and *World Development.*

**Teaching Awards and Nominations**

* Semi-finalist 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”.
* Co-recipient, representing Middlebury College, of the 2005 Clean Air-Cool Planet *Climate Champion Award* for “advancing campus solutions to global warming”.

**Teaching Portfolio**

Fall and Spring Term Courses

Social Entrepreneurship in the Liberal Arts (INTD 290)

Economic Development and Social Entrepreneurship 2.0 (INTD 500)

Introductory Microeconomics (EC155)

Microeconomic Theory (EC255)

Environmental Economics (EC265)

Special Topics in Environmental Economics (EC465)

Conservation and Environmental Policy (ES211)

Environmental Studies Senior Seminar (ES401)

Global Warming Solutions (FYS 1239)

Winter Term Courses

Love in Action. 2018-19.

MiddCORE. 2015-16.

Social Entrepreneurship in the Liberal Arts. 2012-14.

21st Century Global Challenges. 2011.

Focus the Nation (with Eban Goodstein, Lewis and Clark College). 2007.

Building the New Climate Movement. 2005.

The Scientific & Institutional Challenges of Becoming Carbon Neutral (with Lori Delnegro). 2003.

Social Capital in Vermont. 2001.

# Employment History

**Fulbright Scholar**

Ashesi University, Ghana. 2016-17.

## Faculty Member (on leave 2016-17)

## Department of Economics and Program in Environmental Studies, Middlebury. 1999-present.

## Director of the Center for Social Entrepreneurship, 2014–present.

## Co-Founder and 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.

**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.