

TRISHA SHRUM

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Education

Harvard University – John F. Kennedy School of Government	2009-Present
◊ Pursuing a PhD in Public Policy with a focus on Environmental & Behavioral Economics	
Yale University – School of Forestry and Environmental Studies	2007-2009
◊ Masters of Environmental Science with a focus on Environmental Economics	
The University of Kansas	2001-2006
◊ Graduated with University Honors & Distinction	
◊ Bachelor of Arts in Environmental Studies, with Honors	
◊ Bachelor of Sciences in Ecology and Evolutionary Biology	
◊ Minor in Economics and Minor equivalent in Spanish	
◊ Financed 100% of education through scholarships	
Duke University Organization for Tropical Studies	2005
◊ Studied tropical ecology, environmental policy, and Spanish at biological stations in Costa Rica and Nicaragua	
◊ Worked in groups to carry out two original research projects on forest fragmentation and riparian seed dispersion	
University of Notre Dame Environmental Research Center	2004
◊ Studied field ecology and carried out an independent original research project on amphibians as bioindicators	
◊ Full scholarship and stipend awarded	

Honors & Fellowships

Harvard Environmental Economics Program Pre-Doctoral Fellow	2009-Present
Harvard Real Estate Academic Initiative Fellowship	2011
Tropical Resources Institute Fellow	2008
◊ Fellowship awarded for biofuel research in India	
Morris K. Udall Scholar	2005 & 2006
◊ Awarded to 80 students nationally for demonstrated commitment to and effectiveness in environmental issues	
Phi Beta Kappa Society	2005-present
◊ Nominated for academic excellence, intellectual integrity, and a broad range of academic interests	
Departmental Honors in Environmental Studies	2006
University of Kansas Nominee for Rhodes and Marshall Scholarships	2006
J.O. and V.H. Edson Scholarship	2004
◊ Awarded by the KU Biology Department to one outstanding Biology major	
Zadigen Scholarship	2001- 2004
◊ Awarded by the KU Environmental Studies Department for excellence in academics and extracurricular involvement	
National Merit Scholar	2001

Relevant Employment History

- Section leader for Economics 10 with Greg Mankiw** 2011-Present
◇ Provide primary instruction for 25 students by giving 2-3 full lectures per week as well as holding office hours.
- Teaching Assistant for Martin Weitzman in Economics of the Environment, Natural Resources, and Climate Change** Spring 2011
- Research Assistant for Hunt Allcott at Harvard's IQSS** Summer 2010
- Teaching Assistant for Gary Yohe in Economics of Sustainable Development** Spring 2009
- Teaching Assistant for Robert Mendelsohn in Economics of Pollution** Fall 2008
- Research Assistant for Governor of Kansas Mark Parkinson** 2008
◇ Assisted in researching a book by the Governor on long-term policy planning
- Research Fellow at the Kansas Energy Council** 2007
◇ Advised the directors of the Energy Office, the Energy Council, and the Lieutenant Governor on economic, scientific, and policy issues related to climate change
◇ Assisted in the organizing and directing multi-stakeholder policy development meetings

Other Contributions to Economic Policy Discourse

- A Renewable World: Energy, Ecology, Equality* by H. Girardet & M. Mendoca** 2009
◇ Contributed a section on carbon tax policy in a book published by the World Future Council
- CBC As it Happens – Carbon Taxes Around the World** September 9, 2008
◇ Interviewed as a carbon tax expert prior to the Canadian national elections
- The Carbon Tax Center – www.carbontax.org** July 2007
◇ Greenhouse gas policy white paper is published and highly recommended as a resource for understanding carbon taxes and cap-and-trade policies
- Kansas State Congress** May 2008
◇ Modeled economic impacts of national cap-and-trade policy on proposed coal plants for policymakers considering an override of state regulator's rejection of air quality permits based on carbon dioxide pollution

Summary of Economics & Energy Research

- Heuristic Inferences from Energy Efficiency about Product Quality** 2011-Present
◇ Designed and carried out online experiments and analyzed data
◇ Currently designing and managing field experiments
◇ Co-author with Todd Rogers
- Energy Bills as Efficiency Disclosure: A Strong Signal or Too Much Noise?** 2010
◇ Worked to set up a field experiment to test the impact of historical energy costs on housing demand
◇ Developed a literature review for assessing the signal-to-noise in historical energy information
- Life Cycle Analysis of Biomass Electricity in Southern India** 2009
◇ Analyzing the economic and environmental costs and benefits of electricity generation from bagasse, coconut wastes, paddy husk, and conventional coal in the framework of a life-cycle assessment
- Greenhouse Gas Emissions in the Developing World: Defining Explanatory Factors with Panel Regression Analysis** 2009
◇ Expanding decomposition analysis methodology and differentiating between development status to find patterns and anomalies in factors that are generally thought to strongly correlate with carbon dioxide emissions
- Hypothetical Revealed Preference in Water Pollution Management** 2006
◇ Carried out a probit analysis to determine whether certain facility characteristics, such as public or private ownership, would act as indicators of environmental management decisions in chemical manufacturing firms during hypothetical regulation compliance scenarios under varying levels of risk and expected values