

Résumé of Jordan A. Garfinkle, M.S.

817 Wharton Dr.
Newark, DE 19711

Jordan.Garfinkle@gmail.com

973-632-2212

References upon request

EDUCATION

- University of Michigan, School of Natural Resources and Environment**, Ann Arbor, MI
M.S., Natural Resources and Environment: Sustainable Systems **April 2012**
Received training in negotiation and mediation
Master's project: *Enhancing Sustainability at the Huron-Clinton Metroparks*
- St. Lawrence University**, Canton, NY
B.S., Environmental Studies; Psychology (*Cum laude*, additional departmental honors) **May 2010**
Kenya Semester Program, Fall 2008
Honors thesis: *Assessing Alternative Fuel Options for St. Lawrence University's Passenger Vehicle Fleet*

RELATED EXPERIENCE

- Waste Management, Wilmington, DE
Analyst, Waste Management Sustainability Services - Consulting **April 2013 – Present**
Develop and implement targeted, value-adding strategies to help clients reduce their environmental footprints.
Focus primarily on reducing energy and water consumption, addressing waste and increasing diversion rates, and improving performance against and number of sustainability metrics.
- CleanTechVerdict.com
Founder **Oct. 2012 – Present**
Created and maintain informational website about clean technologies. We evaluate the environmental credentials of ideas from energy technologies to policy proposals and maintain droves of resources related to current issues.
- Asociación CEPIA, Huacas, Guanacaste, Costa Rica
Environmental Projects Coordinator **Sept. - Dec. 2012**
Supported in part by a grant solicited from the Omprakash Foundation, established community recycling center in rural Costa Rica and developed an eco-tourism start-up with local businesses and "at risk" teens.
- University of Michigan, Ann Arbor, MI
Research Assistant, Center for Sustainable Systems **May - Aug. 2012**
Reviewed technical literature on a range of environmental issues, focusing on energy and life cycle impacts; updated the Center's "Factsheets", go-to resources on environmental issues that average 10-20,000 downloads/month.
- Graduate Student Instructor*, School of Natural Resources and Environment **Jan. - April 2012**
Helped develop, teach and grade undergraduate course, *Sustainability and Society*.
- Research Assistant*, UM Urban Sustainability Research Group **Aug. 2010 - April 2012**
Studied relationships between urban systems and climate change; co-authored three journal article manuscripts regarding life cycle impacts of meat systems, freight transport, and the water-energy nexus.
- Michigan Suburbs Alliance, Ferndale, MI
Energy Policy Intern **Summer 2011**
Developed policy briefs regarding energy policy options for metro Detroit cities; organized and led outreach event for region's youth about policy and activism.
- United States Department of the Interior, Washington, DC
Researcher, Bureau of Ocean Energy Management **Summer 2010**
Under Dr. Alan Thornhill, Science Advisor to the Director, conducted policy assessments, helped prepare white papers for internal recommendations; compiled information for Federal Advisory Committee Act (FACA) Committee.
- Passaic River Coalition, Morristown, NJ
Land Trust Intern **Summer 2009**
Wrote successful grant proposals totaling over \$100,000; lobbied legislators, negotiated with property owners, brokers and planners regarding acquisition of watershed properties.

SPECIAL SKILLS & INTERESTS

- Volunteer Firefighter: *Aetna Hose, Hook and Ladder*, Newark, DE
- Foreign Languages: French (fluent native), Spanish (fluent conversational)
- Skills: Grant writing, public speaking and teaching, professional writing, policy analysis, mediation
- Software: Microsoft Office, STELLA, SPSS, Stata, ArcGIS, WordPress
- Interests: Running, hiking, writing, reading, SCUBA, fishing, biking, traveling
- Certifications: NFPA Firefighter I; HazMat Awareness; HazMat Operations; PADI Open Water Diver (SCUBA)

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PUBLICATIONS & PRESENTATIONS

Willard, J., **Garfinkle, J.**, Fang, A., Newell, J.P. "The Energy and Emissions Burden of Water: A Spatially-Explicit Life Cycle Assessment of Urban Water Consumption in Southern California." Poster Abstract in *Proceedings of the International Symp. on Sust. Systems and Technology, 16-18 May 2012, Boston, MA*. Institute of Electrical and Electronics Engineers.

Garfinkle, J. "Closing the Loop on Our Dwindling Resources." In *North Jersey Public Policy Network Newsletter*, Nov. 13, 2012.

Sustainability Leadership Presentation Series, Guest lecturer, Central Community College, Grand Island, NE **Oct. 3, 2013**
Moving Forward: Personal Transportation and the Environment

International Symposium on Sustainable Systems and Technology, Research poster presentation **May 16-18, 2012**

Fairleigh Dickinson University, Institute for Sustainable Enterprise, Guest lecturer on climate negotiations **Jan. 8, 2010**

Adirondack Climate Summit, Transportation Workshop, Co-lead **Nov. 9-10, 2009**