

JESSICA L. KNAPSTEIN

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY Berkeley, CA
Energy and Resources Group, *Master of Science Candidate*
Goldman School of Public Policy, *Master of Public Policy Candidate* Expected 2017
VP of Berkeley Energy and Resources Collaborative (BERC)
• Manage a team of nine
Member of Environmental Policy Group

UNIVERSITY OF FLORIDA Gainesville, FL
2011
Warrington School of Business, *Bachelor of Arts in Business Administration, Minor in Physics*
Florida Bright Futures National Merit Scholar
Student Investment Club; American Solar Energy Society
Bioenergy & Sustainable Technology Society

EXPERIENCE

EDISON FOUNDATION INSTITUTE FOR ELECTRIC INNOVATION Washington, DC
Research Assistant May 2015- August 2015
• Write research reports on topics of interest for IOU members including: flexible generation/capacity resources, advanced metering infrastructure deployments and uses, and state electric efficiency regulatory frameworks

CENTRO MARIO MOLINA Berkeley, CA
Consultant December 2014- May 2015
• Advise on the creation and implementation of a RPS/REC market under the 2014 Mexican Energy Reform

BERKELEY ENERGY AND CLIMATE INSTITUTE Berkeley, CA
Project Consultant September 2014- May 2015
• Support BECI as the central coordinating hub for energy and climate efforts at UC Berkeley and Lawrence Berkeley Lab
• Integrate interdisciplinary energy and climate efforts across the campus
• Promote BECI with allied agencies, organizations, and industries
• Write and assist in management of proposals for climate-based energy research

THE DEPARTMENT OF ENERGY, Office of Energy Efficiency & Renewable Energy Washington, DC
Contracted Energy Analyst June 2012-September 2014
Building Technologies Office: Commercial Buildings & Energy Efficient Emerging Technologies
• Buildings Performance Database (Assistant Manager) – Manage platform rollout, stakeholder engagement, marketing, and education. Recruit data contributors in city/state/federal governments, private companies, and allied institutes/organizations.
• Better Buildings Case Competition (Manager) – Manage 6 annual innovative market solutions teams with a budget of \$40K.
• Building Energy Data Exchange Specification- Support finalization of specification standardizing energy terms
• Building Innovators Program (Manager) - Manage 5 emerging technology projects annually with a budget of \$400K.
• Small Business Innovation Research - Manage topic drafting, peer review, proposal selection, and funding
• Regional Energy Efficiency Organization Liaison- Manage deliverables of work under memorandum of understanding with REEOs and explore crosscutting opportunities within EERE
• Funding Opportunity Announcement - Manage topic drafting, peer review, proposal selection, and funding
• Commercial Buildings Resource Database (Manager)- Review/edit market facing resources and approve publication

CONGRESSMAN BEN RAY LUJÁN: US House of Representatives
Energy and Environment Intern

Washington, DC
February 2012-June 2012

- Wrote legislative reports for senior staff: “Grid Modernization in New Mexico” & “Opportunities in Solar Energy Zones”
- Researched and wrote Solar Energy Zone and grid infrastructure stakeholder reports for Goldman and Sachs & First Solar
- Attended and summarized all hearings related to energy, environment, science, and technology

SCOPEINSIGHT/NEWFORESIGHT
Operations Assistant

Utrecht, The Netherlands
October 2011-March 2012

- Develop international market-research database and commercialization plan for the Portal, a proprietary platform to align sustainable farms with interested funders, banks, and NGOs
- Coordinate project proposals with Kenyan office to tap several millions in federal funding
- Supply chain sustainability consulting for cocoa (Nestle, Hershey’s, Mars), cut flower, and fish industries

CARBONSOLUTIONS
Intern

Gainesville, FL
January 2011-October 2011

- Offset projects with Neutral Gator. Community and residential retrofit support. Managed the offset of the entire football season including travel and accommodations of >90,000 attendees
- Design, script & market continuing education certificate courses: Greenhouse Gas Accounting & Sustainable Building Materials

UF SOIL & WATER SCIENCE
Bioenergy Research Assistant

Gainesville, FL
July 2010-January 2011

- Conducted food-waste carbon-oxygen demand audit for energy content and follow-on city wide economic analysis for anaerobic digesters

GAINESVILLE REGIONAL UTILITIES
Finance Intern

Gainesville, FL
Dec 2009-May 2010

- Assist in roll out of feed in tariff program

CHARMS INVESTMENT
Finance Intern

Gainesville, FL
January 2009-June 2009

- Coordinate reverse merger negotiations

FIBER OPTICS PLUS
Welder/Secretary

Gainesville, FL
2008-2011

- Iron, steel and aluminum MIG welding
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PAPERS/PUBLICATIONS

- Author on 2014 ACEEE Summer Study on Energy Efficiency in Buildings selected paper: “Getting Real with Energy Data: Using the Buildings Performance Database to Support Data-Driven Analyses and Decision-Making”
- Author on Department of Energy scoping study: “Building Energy Data Exchange Specification Scoping Report: Stakeholder & Technology Review”