

# **Alyssa Rosen**

71 Winslow Avenue, Somerville, MA 02144 / (203) 722-3937 / rosen.alyssa@gmail.com

## **EDUCATION/CERTIFICATIONS**

**Tufts University**, M.A., Urban Environmental Policy and Planning (UEP) / May 2012

**Brown University**, B.A., Psychology / May 2005

**University of New South Wales**, Sydney, Australia, Brown Study Abroad / Fall 2003

**Boston Architectural College**, AutoCAD I/ 2D Drafting / Winter 2008

**NABCEP Photovoltaic Power Systems and the National Electrical Code Course** / March 2008

**LEED®-Existing Buildings Accredited Professional** / Fall 2007

## **GRADUATE WORK EXPERIENCE**

**Mt. Auburn Associates, Community Economic Development Intern**, Somerville, MA / May 2011-Present

**National Evaluation of Living Cities' Integration Initiative**

- Drafted concise policy memos on the political environment, workforce investment board governance, economic development initiatives, anchor institutions, light rail transit history, federal grant activity, and education systems of participating cities: Minneapolis-St. Paul, Cleveland, Detroit, Newark, and Baltimore
- Assisted with 15 on-site interviews with Minneapolis-St. Paul county, state, and local officials to identify "system change" related to development projects that integrate transportation, affordable housing, workforce development, and business mitigation

**City of Pittsburgh Evaluation of the Community Development Collaborative System**

- Completed an investment flow analysis of federal funding and foundations grants allocated by neighborhood between 2000 and 2010, totaling more than \$300M
- Researched Pittsburgh's community development capacity by analyzing active Community Development Corporations and Community-Based Organizations, ongoing development projects, planning studies, and economic conditions

**Tufts University Space Management and Planning, Campus Planning Intern**, Medford, MA / May 2011-September 2011

- Performed a room utilization analysis and a classroom needs assessment for the Tufts Boston Campus Master Plan

**City of Somerville, Economic Development Consultant**, Somerville, MA / December 2010-May 2011

- Performed feasibility study for mid-scale hotel development on municipal lots in Davis Square, Somerville, MA
- Final parking and zoning recommendations presented to City staff in May 2011

**Tufts University, Research Assistant to Professor Justin Hollander**, Medford, MA / November 2010-May 2011

- Performed content analysis of 19 strategic planning reports for the City of New Bedford, MA
- Evaluated the use of smart-growth and smart-shrinkage techniques as a planning strategy

## **WORK EXPERIENCE**

**The Cadmus Group, Inc., Associate**, Watertown, MA / September 2007-May 2011

**Renewable Energy Projects**

- Performed site assessments of Massachusetts municipal buildings and landfills to determine feasibility of solar installations
- Provided technical assistance to municipal recipients of Energy Efficiency Conservation Block Grant stimulus funding seeking to install solar installations ranging from 40kW to 2MW in capacity
- Managed the MA Renewable Energy Production Tracking System; analyzed production data and performed on-site audits
- Managed a solicitation for small (5-10kW) wind turbine host sites in Connecticut; performed desktop and on-site assessments of top four sites; acquired height waivers and assessed the need for wetland permitting at selected sites
- Installed data monitoring equipment by climbing small wind turbine towers
- Performed preliminary design reviews for solar installations for the New York State Energy Research and Development Authority (NYSERDA) by reviewing the accuracy of energy production estimates and ensuring regulatory compliance

**Energy Efficiency Projects**

- Performed third-party evaluation of utility rebate programs in Massachusetts, Rhode Island, and California
- Performed on-site energy metering and desktop analysis of DOE-2 energy models for a Green Schools Post-Occupancy Study of Energy Efficiency
- Reviewed United States Green Building Council (USGBC) LEED® applications for new and existing buildings
- Performed energy analysis on more than 500,000 square feet of commercial building space and benchmarked energy performance for over 30 buildings using ENERGY STAR® Portfolio manager

**Massachusetts Renewable Energy Trust, Green Building & Infrastructure Intern**, Westborough, MA / September 2006-7

- Assisted with development and monitoring of nationally recognized \$25M Green Affordable Housing Initiative
- Evaluated 25 grant applications for Green Building Support Services leading to 11 vendor agreements
- Managed solicitation for renewable installations serving low-income residents

## ***Alyssa Rosen***

71 Winslow Avenue, Somerville, MA 02144 / (203) 722-3937 / rosen.alyssa@gmail.com

### **COMMUNITY DEVELOPMENT**, City of Somerville, Massachusetts

#### **Energy Use and Climate Change Commission, *Representative*** / June 2009-Present

Invited by Commission chair to serve on the commission, which advises the mayor and city staff on sustainable projects including energy efficiency upgrades and clean technology installations

#### **Mayor's Young Somerville Advisory Group (YSAG), *Representative*** / May 2007-Present

Selected to advise the mayor and city staff on ways to improve the quality of city services and increase communication between the city government and adult residents, ages 21-35

#### **Somerville Comprehensive Plan Steering Committee, *Representative*** / July 2009-December 2011

Appointed to represent YSAG during a 2-year planning and visioning process to create a 20-year strategic plan for city development; committee comprised of city, business, and community representatives

#### **Tufts Energy Conference Planning Committee, *Showcase planner*** / September 2010-April 2011

Selected to assist in planning the showcase exhibits for Tufts' 6th annual energy conference.

### **PUBLICATIONS:**

Rosen, Alyssa. "Private Real Estate Developer Attitudes Towards Vacant Lot Reuse and Associated Policy Reform: A Case Study of the Homewood Neighborhoods in Pittsburgh, Pennsylvania." Tufts University, 2012. United States -- Massachusetts: Dissertations & Theses @ Tufts University; ProQuest Dissertations & Theses (PQDT). Web. 23 May 2012.

Rosen, Alyssa, David Korn, David Beavers. "Green Schools Post-Occupancy Study of Energy Efficiency." August, 2009. Presented at Northeast Sustainable Energy Association (NESEA) in March 2010,  
[http://www.chps.net/massachusetts/MA\\_POStudy\\_FINAL\\_110509.pdf](http://www.chps.net/massachusetts/MA_POStudy_FINAL_110509.pdf)

Rosen, Alyssa, David Beavers, Shawn Shaw. "Renewable Energy: A Hedge Against an Uncertain Energy Future." American Council for an Energy-Efficient Economy (ACEEE) Summer Study on Energy Efficiency in Industry, 2009.

### **SKILLS AND INTERESTS**

**Languages:** Proficient in American Sign Language, basic French and elementary Hebrew

**Computers:** SQL, GIS, Stata, Microsoft Word, Microsoft Access, PowerPoint, Excel, HTML, Visio, SketchUp, Prezi, Project Information Management System (PIMS)

**Awards:** Varsity Gymnastics NCAA Division I All-American Scholar-Athlete, ECAC Academic Honors

**Hobbies:** Water-skiing, hiking, triathlons, travel, gymnastics

**Past International Travel:** India, Peru, Panama, Australia, New Zealand, Israel, Switzerland, Czech Republic, Costa Rica, Denmark, Ireland, Scotland, England, France, Canada