SARA MULHAUSER

3240 Peralta Street #8 | Oakland, CA 94608 | ☎ 917 692 4029 | saramulhauser@gmail.com

PROFILE

Current public policy graduate student with over 15 years of professional experience as an Architect and Project Manager for private and public institutions. Left the private sector to build additional experience and tool sets necessary to effectively engage with governmental agencies, in order to craft policies which drive infrastructure markets to create demand for technologically innovative solutions to the problems posed by global climate change. Proven ability to lead teams through growth periods, manage difficult projects with complex technical requirements, and create effective processes. Strong communication and quantitative skills, wide-ranging experience with engineering and regulatory agency challenges, and an excellent systems thinking approach to problem solving.

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY, GOLDMAN SCHOOL OF PUBLIC POLICY / ENERGY & RESOURCES GROUP **BERKELEY, CA**
Master of Public Policy / Master of Science – Energy & Resources Expected May 2019
Relevant Coursework in: Energy & Society, Research & Quantitative Methods, Economics and Policy, Econometrics, Sustainable Technologies, Political & Agency Management, Renewable Energy Policy

UNIVERSITY OF CALIFORNIA, BERKELEY, SCHOOL OF ENVIRONMENTAL DESIGN **BERKELEY, CA**
Bachelor of Arts - Architecture May 1999
Relevant Coursework in: Structural Engineering, Energy Efficiency in Building Science, City Planning

COMPUTER SKILLS

Fluent in the following programs/platforms: AutoCAD, Acrobat, Photoshop, Excel, Word, MS Project, Visio, and MasterSpec
Functional in the following programs/platforms: Revit 9.1, ArchiCad, In Design, Oracle, Agile, Quickbase, Salesforce, R and STATA

EMPLOYMENT

Bloom Energy, Sunnyvale, CA February 2010 - present
Manufacturer of stationary solid-oxide fuel cell electricity generators for distributed power solutions

SENIOR PROGRAM MANAGER – SUPPLY CHAIN OPERATIONS | '15-PRESENT
- Manage logistics cost reduction and process improvement initiatives, resulting in savings in excess of $2M annually

SENIOR MANAGER – NATIONAL OPERATIONS, PROCESS IMPROVEMENT | '13-'15
- Grew the Customer Installation Team from 2 to 50+ people
- Managed team of 20 Project Managers and Superintendents for nationwide and international installations
- Created, documented, and implemented standards of quality to improve scalability of the generator install process
- Collaborated with Product Management, Engineering, Sales, Finance and Manufacturing teams to improve all aspects of new product integration
- Developed database tools, logistics, and financial software interface for improved project delivery methods

SENIOR PROJECT MANAGER | '10-'13
- Managed installations of fuel cell distributed power generation systems for Fortune 50 companies and public institutions
- Managed government grant projects through final phases: issuance of final scientific reports, presentations, closeout
- Responsible for customer communication, contracting, management of project budget and schedule, design and construction vendors, utility interactions, educating permitting authorities on safety and building code for fuel cell installations

SELECTED PROJECTS – FUEL CELL INSTALLATIONS
- California Institute of Technology – supplementing campus plant power generation in Pasadena, CA – 2MW
- PG&E and Southern California Edison – pilot projects for utility at UC and Cal State campuses - .4MW
- eBay – world's first data center powered primarily by fuel cells – South Jordan, UT – 10MW
- Apple – direct grid-tied generation outside data center in Maiden, NC – 10MW

SELECTED PROJECTS – FUEL CELL RESEARCH EFFORTS
- Department of Energy – Low-cost Co-production of Hydrogen and Electricity
- Office of Naval Research – Advanced Development of Solid Oxide Stack Components
- Department of Defense – Advanced Field Demonstration of High Availability Solid Oxide Fuel Cell Cluster

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EMPLOYMENT CONT.

Zubatkin Owner Representation, New York, NY April 2009 - December 2009

Owner representative and project management services for high end public and private facility project development

PROJECT MANAGER - Construction management support for The Bard Graduate Center, Upper West Side, Manhattan

Murphy Burnham & Buttrick Architects, New York, NY May 2007 -April 2009

Mid-sized architecture firm specializing in high end commercial and non-profit, civic and education project design

PROJECT ARCHITECT - Project management, senior technical detailing, and construction document creation for private and public client projects; chaired MBB's Sustainable Design Committee

SELECTED PROJECTS

St. Patrick's Cathedral - Technical detailing for various phases of historical and physical plant renovation
P.S. 41 G.E.L.L. Project - Project Architect for NYC's first public school green roof renovation project

Noll & Tam Architects, Berkeley, CA May 1998 – April 2007

Mid-sized architecture firm specializing in public and non-profit, civic and education project design

PROJECT MANAGER - Produced construction documents, coordinated with design and engineering consultants, regulatory agencies for compliance with applicable building codes, and managed construction administration

ASSOCIATE | '04 - '07 *In addition to my duties as project manager*

Participated in marketing efforts and strategic planning for firm growth
Founding member of the firm's Green Committee, aimed at furthering sustainable design within the practice

SELECTED PROJECTS

University of California, Berkeley – Multiple campus upgrade projects
Cañada College, San Mateo Community College District - Multiple campus modernization projects
Oakland Zoo - New Children's Zoo project and new Main Entry Building/Gift Shop

CERTIFICATIONS:

Registered Architect in CA, NY; Leadership in Energy and Environmental Design Accredited Professional

ACADEMIC COURSEWORK HIGHLIGHTS

ENERGY & SOCIETY (ER200/PP284) – Energy sources, uses, and impacts; introduction to technology, politics, economics, and environmental effects of energy in contemporary society. International perspective, origins, and character of energy crisis. Drafted a policy brief outlining cost benefits for incentivizing alternative technologies for diesel back-up generators

ECONOMICS OF PUBLIC POLICY ANALYSIS (PP210) – Microeconomic theory for behavior of consumers, producers, and beaurocrats, applied to public policy analysis

DECISION ANALYSIS, MODELING, AND QUANTITATIVE METHODS (PP240) – Quantitative techniques in public policy analysis, including computer modeling and simulation, linear programming and optimization, decision theory, and statistical and econometric analysis of policy-relevant data

POLITICAL AND AGENCY MANAGEMENT ASPECTS OF PUBLIC POLICY (PP250) – Case studies, theoretical, empirical, and interpretative works examining political and organizational factors involved in developing new policies, choosing among alternatives, gaining acceptance, assuring implementation, and coping with unanticipated consequences.

RENEWABLE ENERGY POLICY (PP290) – Evolution and current state of federal, state, and local renewable energy policy

TECHNOLOGIES FOR SUSTAINABLE SOCIETIES (CIVENG292) – Examination of important technologies serving major societal needs, such as water, shelter, food, energy, transportation, and waste management, and their contribution to sustainability.

HONORS / LEADERSHIP / MEMBERSHIP:

2016-2017 Berkeley Energy & Resources Collaborative (BERC): Director for Berkeley Cleantech University Prize
(in partnership with Berkeley Energy & Climate Institute, Lawrence Berkeley National Lab, and Department of Energy)
Member, California Women in Energy
1996-1998 Women's NCAA Volleyball Team – 3 year letter winner, team captain, joined as a walk-on
Coached junior girls club volleyball 1996 – 2005, Golden Bear Volleyball Club