

Application for Membership  
City Boards/Commissions/Committees  
City of Ann Arbor, Michigan

Return To: Mayor John Hieftje  
City Hall - 3<sup>rd</sup> Floor  
100 North Fifth Ave, PO Box 8647  
Ann Arbor, MI 48107-8647

Phone: 734 794-6161 x41602  
Fax: 734 332-5966

Name Melissa (Missy) Stults

Home Address 2320 Walter Drive ZIP 48103

Ann Arbor Resident: YES  NO  Number of Years Resident < 1 year Ward 5<sup>th</sup>

Phone (H) (917) 291-0023 (W) (917) 291-0023 (Fax) \_\_\_\_\_

Email Address missy.stults@gmail.com

Occupation Research Scientist and Doctoral Student

Employer Name & Address University of Michigan

440 Church Street ZIP 48109

Board/Commission/Committee on which you are interested in serving:

- 1) Park Advisory Commission
- 2) Environment Commission
- 3) Ann Arbor Energy Commission
- 4) \_\_\_\_\_

Reasons for Seeking Appointment (Areas of Interest, Goals, etc.):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please submit a résumé including your job experience and education along with this application or a detailed letter of intent delineating relevant qualifications.

DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST

In order to avoid any potential conflict of interest, I, the undersigned, agree not to be involved in any recommendations or decision making regarding any agency(ies) or entity(ies) for which I serve in the following capacity(ies) which may contract or subcontract with the City of Ann Arbor.

Agency  
University of Michigan  
\_\_\_\_\_  
\_\_\_\_\_

Capacity in Which I Serve  
Doctoral Student  
\_\_\_\_\_  
\_\_\_\_\_

Signature Melissa Stults Date 8-27-12

## MELISSA A. STULTS

2320 Walter Drive • Ann Arbor, MI 48103 • (917) 291-0023 • [missy.stults@gmail.com](mailto:missy.stults@gmail.com)

### EDUCATION

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#### **UNIVERSITY OF MICHIGAN, Taubman College of Architecture and Urban Planning**

*PhD in Urban and Regional Planning, Currently Enrolled*

#### **COLUMBIA UNIVERSITY, Graduate School of Arts and Sciences, New York, NY**

*Master of Arts, Climate and Society, August 2005*

#### **UNIVERSITY OF NEW ENGLAND, Biddeford, ME.**

*Bachelor of Science, Marine Biology and Bachelor of Science, Environmental Science, May 2004*

### ENVIRONMENTAL, CLIMATE AND POLICY EXPERIENCE:

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#### **UNIVERSITY OF MICHIGAN, Ann Arbor, MI**

*Science Research Fellow*

*Mar. '12 – present*

- Researcher and contributing author to the Adaptation Chapter for the 2013 U.S. National Climate Assessment.
- Research and analyze strategies being funded by the Global Environment Facility to create an adaptation typology.
- Co-developer of Adaptation Seminar course and associated syllabus.
- Assist in the development of papers for peer-reviewed publications on issues pertaining to climate change mitigation and adaptation as well as sustainability more broadly.
- Assist in organizing and managing a Climate Leadership Academy for Great Lakes communities focused on building resilience towards weather, climate variability, and climate change.
- Research and co-author a series of case studies on how Great Lakes communities are building resilience towards climate change.

#### **SUMMIT ENERGY SERVICES, Louisville, KY**

*Sustainability Analyst*

*Jul. '11 – Mar. '12*

- Work with private sector Fortune 500 companies to develop their sustainability programs.
- Assist local governments and other clients with identifying, implementing and monitoring the success of energy efficiency, transportation, renewable energy, waste diversion, water conservation and other climate and sustainability initiatives.
- Oversee the development of services for local government clients in the areas of climate mitigation, climate adaptation, and sustainability.
- Develop service offerings pertaining to supply chain assessment and life cycle analysis.
- Analyze greenhouse gas emissions and track sustainability performance metrics for private sector companies.

#### **ICLEI – LOCAL GOVERNMENTS FOR SUSTAINABILITY U.S.A. Inc., Boston, MA**

*Climate Mitigation and Adaptation Director*

*Feb. '11 – Jul. '11*

- Oversee the development of ICLEI's Climate Resilient Communities (adaptation) program and ICLEI's Communities for Climate Protection (mitigation) program.
- Management of five (5) professional staff, including work planning, budgeting, and professional development.
- Team member working on the development of a national sustainability index for local governments – STAR Community Index.
- Project management, including management of approximately 15 grants. Notable projects include:
  - Development and delivery of a Green Business Challenge that engages the commercial sector in local government greenhouse gas, water, and waste reduction efforts.
  - Creation of national guidance for how to inventory greenhouse gas emissions, set emissions reduction targets, create plans for reducing emissions and implementing those plans for local governments.
  - Creation of national guidance for how to conduct a climate change vulnerability assessment, set climate preparedness goals, select climate preparedness strategies, and how to implement preparedness strategies specifically for local governments.
- Lead/Facilitate an adaptation advisory group and scientific advisory group comprised of local governments, academics, and other important stakeholders that provide strategic direction to ICLEI's adaptation program.
- Extensive experience writing, editing and collaborating on the development of Sustainability Plans and Climate Action Plans.
- Developing resources and support for behavioral change initiatives including how to effectively communicate climate change and risk, and how to inspire and promote individual and corporate behavior change.

- Maintain up-to-date knowledge of the latest climate mitigation and climate adaptation developments in the policy, science, and implementation realm.
- Fundraising, including seeking revenue from private foundations, federal agencies, and through fee-for-service consulting.
- Regularly propose, analyze, and assist with implementation of sustainability and climate protection strategies.
- Maintained partnerships with dozens of organizations centered on topics related to sustainability such as green jobs development, energy efficiency, renewable energy installation, resilience building, and federal regulations.
- Organization of meetings, including workshops, trainings, networking events, and national webinars for audiences ranging from a dozen to hundreds.
- Delivering presentations and trainings to local communities, private sector entities, non-profit allies, federal partners, and others. Over 100 presentations delivered through work with ICLEI.
- Extensive experience both working in and managing a multi-disciplinary team.
- Regular report writing including experience writing reports, briefs, memos, and funding proposals.

## **ICLEI – LOCAL GOVERNMENTS FOR SUSTAINABILITY U.S.A. Inc., Boston, MA**

### ***Adaptation Manager***

*Nov. '09 – Feb. '11*

- Oversaw development of ICLEI's Climate Resilient Communities (adaptation) program, including development of relevant tools, resources, and trainings on adaptation and resilience planning.
- Developer of ADAPT- the Adaptation Database and Planning Tool, a resource that guides users through ICLEI's Five-Milestones for Climate Adaptation; starting with conducting a vulnerability and risk assessment and moving into goal setting and action planning, and ending with implementation and monitoring.
- Led/Facilitated an adaptation advisory group and scientific advisory group comprised of local governments, academics, and other important stakeholders that provide strategic direction to ICLEI's CRC program.
- Managed three-part adaptation series focused on local, state, and federal collaboration on coastal resilience based out of Groton, Connecticut.
- In collaboration with the San Diego Foundation, worked with local governments and relevant stakeholders in the San Diego Bay to create a San Diego Bay Regional Sea-Level Rise Adaptation Strategy.
- Working with researchers at the University of Michigan to develop a series of resources, workshops, and trainings focused on increasing urban public health resilience towards heat.
- Managed effort in Lewes, Delaware to explore how climate change could be integrated into the City's hazard mitigation planning. Includes facilitation of public workshops and trainings.
- Managing the development of climate adaptation indicators to be included in the STAR Community Index, a national sustainability indicator rating system to be unveiled in spring 2011.

### ***Regional Program Manager***

*Apr. '09-Nov. '09*

- Oversaw the Northeast and Mid-Atlantic region of ICLEI USA. Included overseeing two staff who provided direct membership support, providing direct membership support to New York, New Jersey, and Pennsylvania, and assisting the Regional Director with fundraising.
- Assisted with ICLEI USA adaptation program.
- Managed the completion of a greenhouse gas inventory and completion of an Energy Efficiency and Conservation Strategy for the City of Richmond, Virginia.
- Managed Methane to Markets program with ICLEI Brazil.
- Developed climate change outreach strategy for Falls Church, Virginia.

### ***Senior Program Officer***

*Apr. '07-Apr. '09*

- Provided technical guidance on emissions quantification, assisting in identifying emissions reduction activities and in developing Climate Action Plans, and helping municipalities implement local sustainability actions.
- Co-facilitator of the Massachusetts, Maine, Maryland, and Virginia Climate Protection Networks.
- Led development of the Municipal Clean Energy Toolkit – an online clearinghouse of information to help local governments advance the installation and purchasing of renewable energy.
- Assisted in development of ICLEI's Adaptation program to support local government adaptation efforts.
- Designed and co-led adaptation planning workshops for local governments in both St. John's, Newfoundland and Boston, MA, with support from the Conference of New England Governors and Eastern Canadian Premiers.
- Led the region's New England Cities Project which aided in implementation of 4 identified policies and practices in 10 select New England cities.
- Developed ICLEI's Outreach and Communications Guidebook.
- Managed a community-wide emissions inventory for the City of Boston.
- Managed an emissions analysis program for 10 New York City Universities.

## **COALITION FOR RAINFOREST NATIONS, New York, NY**

### ***Outreach Coordinator***

*Aug. '06-Apr. '07*



- Collaborated with Coalition members and UNFCCC Focal Points to advance the policy and scientific argument for inclusion of economic incentives for avoided deforestation within the UNFCCC and Kyoto Protocol frameworks. Work included report writing, policy analysis, and Coalition building.
- Organized international meetings and corresponding with Coalition members. Meetings organized included a Workshop in Rome, two international meetings in New York City, and a meeting in Costa Rica.

**COLUMBIA UNIVERSITY, CENTER FOR CLIMATE SYSTEMS RESEARCH, New York, NY**

*Project Manager, NYC Department of Environmental Protection Climate Change Task Force Feb. '06-Aug. '06*

- Led client engagement and outreach project, including organizing monthly outreach and science meetings, analyzing climate adaptation and mitigation findings for presentations and publications, and working with a team to create a climate adaptation and mitigation report for the New York City DEP.

**COLUMBIA UNIVERSITY, GLOBAL ROUNDTABLE ON CLIMATE CHANGE, New York, NY**

*Program Coordinator*

*June '05- June '06*

- Organized international conferences of private, public, and governmental leaders to discuss the trajectory of future domestic and international climate policy. Maintenance of constant dialogue with CEO's, heads of State, Senators, and heads of Non-Governmental Organizations through newsletter creation, report writing and distribution, and email. Wrote reports and briefs on issues relating to climate change science and policy.

**GERMAN BUNDESTAG, Berlin, Germany**

*Intern, Office of Ernst Ulrich von Weizsäcker, MdB, MP*

*May '05-July '05*

- Researched and prepared policy briefings on socially responsible savings and investing, climate change policy in the United States, and Germany's progress towards meeting its Kyoto target.

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP), New York, NY**

*Intern, Climate Change Task Force*

*Jan. '05- May '05*

- Drafted a greenhouse gas inventory report for the Department along with potential agency-wide mitigation strategies utilizing ICLEI's Clean Air and Climate Protection (CACAP) Software.

**SKILLS**

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Language	Basic knowledge of Spanish.
Computer Skills	Proficiency in Excel, Microsoft Office, Power Point, ICLEI CACP and ADAPT Softwares

**PUBLICATIONS**

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- Ott-Zimmerman, K. (ed.) (2011). "Resilient Cities: Cities and Adaptation to Climate Change – Proceedings of the Global Forum 2010". Springer. Local Sustainability, Volume 1. 573 pgs.
- Massachusetts Climate Adaptation Report (2011). Co-Author of the Local Economy and Government Chapter.
- Stults, M. and Pagach, J. (2011). "Preparing for Climate Change in Groton, Connecticut: A Model Process for Communities in the Northeast." CT DEP.
- Stults, M. (2008). "Local Governments Leading the Climate Change in New England." The Yankee Planner: A Publication of the Northern New England Chapter of the American Planning Association, 26(2).
- Rosenzweig, C., Major, D.C., Demong, K., Horton, R., Stanton, C., & Stults, M. (2006). "Managing risk by adapting to climate change: Planning for New York City's water supply and wastewater treatment systems." *Mitigation and Adaptation*.
- Rosenzweig, C., Major, D.C., Demong, K., Stanton, C., Horton, R., Stults, M. (2006). "Responding to Climate Change Risk: Adaptation and Mitigation Guidelines for NYCDEP". New York, NY: Columbia Center for Climate Systems Research of the Earth Institute at Columbia University.
- Rosenzweig, C., Major, D.C., and Stults, M. (2006, July). "New York City Climate Change Task Force." In the Greater London Authority's *Adapting to climate change: Lessons for London*. London, UK: Greater London Authority.
- Rosenzweig, C., Major, D.C., and Stults, M. (2006, July). "New York. Managing flood risks: Staten Island's Bluebelt Programme." In the Greater London Authority's *Adapting to climate change: Lessons for London*. London, UK: Greater London Authority.
- Downie, D; Brash, K; Stults, M. "Global Roundtable on Climate Change," Poster Presentation at 17th Global Warming International Conference and Expo. April 19-21, 2006.
- Downie, D., Brash K., and Stults, M. (2006). "The Global Roundtable on Climate Change," *World Resources Review*, 18(4):627-643.
- Stults, M. (2006). "Religious Groups Becoming a Factor in Climate Policy Debate." The Climate Institute internet publication: <http://www.climate.org/topics/localaction/religion-climate-change.shtml>.