

Derek Ager

992 Humbolt St, Apt 209 | Denver CO, 80218 | (734)-649-4376 | drkager@gmail.com

Career Objective

Highly motivated environmental scientist looking to use knowledge and experience in research, field work, and leadership to solve complicated environmental issues.

Education

University of Michigan School of Public Health, Ann Arbor MI

Master of Public Health - Environmental Health Sciences: September 2013-April 2015

- Emphasis in environmental policy, air and water quality management and analysis, and occupational and environmental exposure assessment.
- Formally trained in GIS, SPSS/Excel statistical modeling, Air and ground water pollution modeling, and occupational and environmental sampling.
- Chairman of Environmental Health Student Association, Teaching Assistant for Intro to Environmental Health Issues, and completed certificate in risk science and assessment.

University of Michigan, Ann Arbor, MI

Bachelor of Science, Program in the Environment: May 2010

- Concentration: Sustainability and Urban Planning.
- Member of university's paperless initiative team.

Experience

University of Michigan School of Public Health, Ann Arbor MI

Research Assistant I, University of Michigan's Air Quality Lab: January 2015- April 2015

- Worked on study measuring exposure of PM 2.5 and trace metals in adults.
- Set up PDR air sampling pumps for research participants and explained study components.
- Headed special project comparing black carbon analysis methods: transmissometer optical method vs. the Sunset OCEC thermal-optical method.

Mark O. Hatfield Oregon Fellowship Program, Portland Oregon

Environmental Health Specialist Intern: June 2014 – September 2014

- Supported Multnomah County Environmental Health Department in developing a climate change adaption report and analyzed policy regarding health equity of Portland's current climate change action plan.
- Created a sustainable practice and policy catalog compiling and reporting a variety of sustainability and health projects including Eco districts, storm water management systems, and sustainable zoning.

Minnesota Conservation Corps (AmeriCorps), Minneapolis, MN

Apprentice Academy: May 2013-August 2013

- Apprenticed at Carver County Soil and Water Conservation District (SWCD) and Water Management Organization (WMO), completing field water quality sampling and inspections of storm water management structures, community outreach, and data management tasks.
- Sampled water quality, surveyed land and watersheds, inspected and evaluated best management practice including CAFO, agriculture, and stormwater management practices, ground water monitoring, and land use inspections.
- Used flowmeter, nutrient loading curves, dissolved oxygen meter, chlorophyll filtration, and secchi disks to determine water quality for 25 lakes and rivers

Environmental Protection Agency, National Vehicle and Fuel Emissions Laboratory, Ann Arbor, MI

Research Intern: December 2012-May 2013

- Provided research and reports to policy analysts regarding greenhouse gas emissions originating from mobile sources.
- Worked closely with Smartway certification project and helped develop material for office's website.

University of Michigan Ecology and Evolutionary Biology Dept., Ann Arbor, MI

Full Time Assistant in Research: May 2012-December 2012

- Collected, managed, and analyzed data on soil, native and invasive plants, and water quality for 100 artificial wetlands.

Nichols, Sacks, Slank, Sendalbach, and Buiteweg Family Law Firm, Ann Arbor, MI

Receptionist/File Clerk/Courier: May 2010-September 2011

- Developed relationships with clients, managed filing system for 300 clients, and maintained schedule for six attorneys.

Additional Experience and Skills

Volunteer Work: Recycle Reuse Center: Ann Arbor, MI / Habitat for Humanity: Ypsilanti, MI / Phi Kappa Psi Fraternity philanthropy events / YMCA Youth Basketball Coach: Ypsilanti, MI

Computer Skills: Proficient in Microsoft Office, SPSS, Excel, GIS mapping