

Danielle Wagner

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Education

Current	Purdue University West Lafayette, IN
May 2013	M.S. Thesis, Environmental and Ecological Engineering University of Florida Gainesville, FL
	B.S. in Biochemistry with Honors B.A. in Sociology with Honors
July 2011	Study Abroad Italy Florence, Italy

Professional and Research Experience

Current	Graduate Research Assistant. Purdue University, Civil Engineering <i>Nandi clean kitchen study- mitigating indoor air pollution in Western Kenya</i> Measure emissions from biomass burning from cookstoves in Kenya Work with EPICS students designing a low-cost PM _{2.5} sensor
Dec 2015- July 2016	Post-bacc Research Intern, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences Beijing, China Survey of laboratory and field techniques and instruments Training and practice in ArcGIS Editing manuscripts and attending seminars to improve student English
Mar 2014- Nov 2015	Research Assistant, Environmental Sciences Analytical Center (ESAC) at Brooklyn College Brooklyn, NY <i>Gypsum Wallboard Analysis with Building Product Ecosystems</i> Analyzed heavy metals and trace elements using acid extraction and Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) Presented lab data and methodologies at monthly meetings with project partners <i>Greenpoint Bioremediation Project with Jan Mun</i> Created protocol through discourse with microbiology and analytical science departments <i>Other lab duties</i> Taught high school students scientific research methods and writing, lab practices Facilitated lab functions by assisting other researchers with ICP-MS and general lab and scientific inquiries Diluted and analyzed Bolivian miner urine samples with ICP-MS

Sep 2013-
Dec 2013

Research Intern with Florida PIRG (Public Interest Research Group)

Compiled information and developed fact sheets related to environmental fallacies
Reported research at weekly group meetings

Proceeding and Presentation

Panel Presentation at Healthy Buildings 2015 America- ISIAQ, Boulder, CO

Amanda Kaminsky, Catherine Bobenhausen, Geoffrey Brock, **Danielle Wagner**

“Safeguarding Our Resources And Indoor Air-- Gypsum Wallboard Closed-Loop Recycling
In An Era Of Increased Chemical Transparency”

Danielle Wagner, Zhongqi (Joshua) Cheng, Amanda Kaminsky, Sydney Mainster, Ronald Spalter and Catherine Bobenhausen,

"Safeguarding Our Resources and Indoor Air -- Gypsum Wallboard Closed-loop Recycling in an Era of Increased Chemical Transparency." *Proceedings of Healthy Buildings Annual Conference, 54-58*. Boulder, Colorado. (Books and Publications: Peer Reviewed Article) 2015