

TOBIAS LUNT

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EDUCATION

University of Wisconsin, Madison, WI

M.S. Agroecology and Plant Pathology (Joint Degree). Graduated January 2015. GPA – 4.0/4.0, GRE: 169/170 verbal, 163/170 Quantitative

Dartmouth College, Hanover, NH

B.A. in Environmental Studies, Economics minor, Graduated June 2008, SAT: 1580/1600

EXPERIENCE

Fulbright 2015/2016, May 2016 – present

Awardee of Fulbright US Student grant. Working nine months in Ethiopia to develop a more accurate and comprehensive assessment of the success of using orange-fleshed sweet potato to combat hunger, malnutrition and poverty in Ethiopia. Will examine the impact of climate change on farmer decisionmaking and food security status.

Seedwater Collective, January 2016 – present

Co-founded boutique human-rights focused development NGO, with a for-profit development consulting arm. Centered on community empowerment through partnership, projects, and small grants. Working on the development, monitoring, and protection of water resources in Zambia, supporting trash and recycling microenterprise in Kenya, and partnering with youth empowerment leaders in Ethiopia. (seedwater.org)

ACDI/VOCA, October 2015 – May 2016

For PROFIT+ USAID-funded flagship Feed The Future agricultural markets development project in Zambia: project researcher, conducting climate risk analysis in project value chains in Eastern and Lusaka provinces. Performed stakeholder interviews, historical climate data analysis, trade and policy analyses, and literature review for \$20M+ project. Provided key insight into climate resilience and project performance.

Jahn Research Group, January 2015 – July 2015

Post-Masters Researcher investigating relationships between food security, sustainability, climate change and agricultural production risks. Conducted research projects with institutional partners including Lloyds of London, Thomson Reuters, and research institutions.

MSc - UW Madison, September 2012 – January 2015

Research assistant on nematode-fungal synergy and agroecology on Maize in MacGuidwin Laboratory, in the UW-Madison Plant Pathology department, while pursuing a joint MS in Agroecology and Plant Pathology.

L'Etoile Restaurant, May 2011 – September 2012

Progressed from a part-time prep cook to highest ranking full-time entree line cook in nine months. Responsible for preparing and cooking all aspects of dinner entrees on the most challenging station. The restaurant team earned a coveted James Beard Award during this period – in 2012.

Blue Moon Community Farm, May 2011 – November 2011

Assisted in all aspects of a certified organic vegetable farm during the 2011 growing season. Worked with hoophouse vegetable production, field production, marketing, farm planning, and raising heritage pork and poultry.

Tenuta Di Spannocchia, Siena, Italy, September – December 2009

Accepted to competitive internship program designed to encourage cultural exchange and knowledge of sustainable farming and food production. Worked predominantly in the vineyards, olive groves, organic vegetable garden, butchering/curing meats and cooking.

Great Forest, Inc., New York, NY, September 2008 – September 2009

Created a carbon footprint for a national realty firm; built, analyzed and visualized large energy datasets to produce accessible and meaningful analysis. Performed LEED consulting work for “green” construction projects. Oversaw four interns.

Environmental Studies Research Assistant. Dartmouth College, Spring 2008

Worked for Professor Darren Ranco under a multi-disciplinary research grant designed to promote sustainable pollutant control policies through consideration of social and biological indicators. Performed a comprehensive review and analysis of relevant literature in order to critique current environmental valuation practices.

PEER-REVIEWED PUBLICATIONS

1.

Tobias Lunt, Aled W. Jones, William S. Mulhern, David P.M. Lezaks, Molly M. Jahn (2016). "Vulnerabilities to agricultural production shocks: An extreme, plausible scenario for assessment of risk for the insurance sector." *Climate Risk Management*, *In Press*.

Heidi A Busse, Tobias Lunt, Mariama Fofanah, Steffen Schulz, Girma Tefera (2016). "Wealth matters: Prevalence and predictive indicators of food insecurity in the Sidama and Wolayta zones of Southern Ethiopia." *Journal of Hunger and Environmental Nutrition*, 11:1, 45-58.

PUBLICATIONS AND PRESENTATIONS

Tobias Lunt. "Conservatives want to fix the climate." *Huffington Post*. Published February 9, 2016.

Tobias Lunt and Molly Jahn. "The Climate Corner: The Need to Live Within Our Means." *Peninsula Pulse Newspaper*. Published June 19, 2015.

Lloyds of London Emerging Risk Report 2015 – *Innovation Series*. "Food System Shock: The Insurance Impacts of Acute Disruption to Global Food Supply". Key contribution from Tobias Lunt. Published June 16, 2015.

"The effect of *Fusarium verticillioides* on *Pratylenchus penetrans* infection of corn seedlings." Poster presentation. American Phytopathological Society – North Central Division annual meeting. June 11-13, 2014, Madison, WI.

"Interaction studies of *Pratylenchus penetrans* and *Fusarium verticillioides* on corn seedlings." Poster presentation. APS – CPS annual meeting. August 9-13, 2014, Minneapolis, MN.

"Wealth matters: An assessment of indicators that predict food insecurity in the Sidama and Wolayta zones of Southern Ethiopia." Poster presentation. Fifth annual CUGH conference – "Advancing Global Health in the Post-MDG Era". May 10-12, 2014, Washington DC.

"Wealth Matters: Prevalence and predictive indicators of food security in the Sidama and Wolayta zones of Southern Ethiopia." Poster presentation. 10th annual Global Health Institute symposium – "One health: making the connections". April 1, 2014, Madison, WI.

"Linking Agriculture and Health: A cross-sectoral approach to measure and improve nutrition and food security

in Southern Ethiopia." Oral presentation. 8th annual Future of Food and Nutrition conference. March 29, 2014. Tufts University.

"Bacterial Soft Rot." UW-Extension Fact Sheet for growers and gardeners, published September 18, 2013.

STUDENT LEADERSHIP

Agricultural Innovation Prize: *President of Student Organizing Team.* Worked to develop new student competition designed to spur sustainable innovation in agriculture, awarding \$240,000 in prizes in April, 2014 from a \$400,000+ working budget. Recruited judges and mentors, marketed the prize to students and the public, and worked with the student team to organize the event. (agprize.com)

UW Global Health Institute: *Student Researcher.* Conducted food security indicator analysis on the collaborative project "Linking Agriculture and Health: Alleviation of food insecurity and malnutrition in the Southern Nations, Nationalities, and Peoples' Region of Ethiopia through improved production and consumption of orange-fleshed sweet potatoes."

International Agriculture Colloquium: *Founder, Co-President.* Formed student group to encouraging frank and constructive discussion on agricultural development and food security in a global context, convening students and experts across disciplines for popular events and volunteer activities. Led student team and secured funding from departments and grants. (iacmadison.org)

One Acre Fund: *Graduate Student Campus Representative.* Worked with OAF staff towards effective outreach in the UW community, encouraging students to engage in professional development and employment opportunities in international agriculture.

AWARDS

Fulbright Researcher in Agriculture in Ethiopia – 2015-2016
Honorary Fellow – UW Madison Center for Sustainability and the Global Environment (SAGE) – Spring 2015
Phi Kappa Phi honor society Zillman research award, Summer/Fall 2014
Phi Kappa Phi honor society "Love of Learning" award, Summer 2014
UW Plant Pathology travel award recipient, Summer 2014
Phi Kappa Phi academic honor society inductee, Fall 2013
AAAS/Science Program for Excellence in Science – Sponsored Membership Awardee
UW Agroecology professional award recipient, Fall 2012 and Spring 2014
O.N. Allen Graduate Scholarship recipient, Fall 2012

OTHER SKILLS

Languages: conversational in French, intermediate Spanish and Italian, introductory Amharic
Experienced scripting in R and analysis with SAS, STATA and Minitab statistical packages
GIS software packages including DIVA GIS, QGIS, Panoply
Experienced in HTML, CSS, Jekyll, Bootstrap, Liquid, Git, some Ruby
Linux, BASH terminal experience
Very high proficiency with Excel and Microsoft Office products, and image manipulation programs
Cultivating rigor and joy