**Name of Potential Opportunity:** Powering Agriculture Internship

**Name and titles of potential supervisor/s (and link to external-facing RTI expert page, if available):**

**Name:** Justin Baker, PhD  
**Title:** Senior Economist and Director, Center for Applied Economics and Strategy, RTI International; 2019-2020 Duke-RTI Scholar

**Name:** Michael Gallaher, PhD  
**Title:** Senior Director, Center for Applied Economics and Strategy, RTI International

**Name:** Marc Jeuland, PhD  
**Title:** Associate Professor, Sanford School of Public Policy, Duke University

**Name:** Jonathan Phillips  
**Title:** Co-Director of the Energy Access Project, Nicholas Institute for Environmental Policy Solutions, Duke University

**Overview:** (2-4 sentences)  
Timely opportunity for Masters or PhD student to support a collaborative RTI and Duke research project on productive use of energy in rural agricultural production systems in Ethiopia. The project will focus on better characterizing the potential for off-grid electricity infrastructure investments such as stand-alone systems, mini-grids, and solar pumping to support agricultural development in rural Ethiopia as well as the possible implications of rural electrification on groundwater management, farm productivity, and processing of agricultural outputs. This project will support an upcoming Bass Connections course in the 2020-2021 academic year.

**Preferred skills: (including foreign languages, programming languages, etc.)**  
Spatial data analytics and quantitative analysis, experience and facility with GIS, policy-targeted writing and communications interest and literature review experience

**Number of Interns:** 1