

RESEARCH EXPERIENCES FOR UNDERGRADUATES (REU) IN VERMONT

Crop Diversity, Food Security & Livelihoods in Vermont & Uganda ♦ Summer 2021



Apply online at www.uvm.edu/cals/cdae/reu-in-uganda

REU Site in Vermont: In summer 2021 a new REU Site based at the University of Vermont (UVM) offers eight undergraduates the opportunity to conduct hands-on interdisciplinary research on the social, ecological, and economic contributions of crop diversity to nutrition and farmer livelihoods in Vermont and in East Africa.

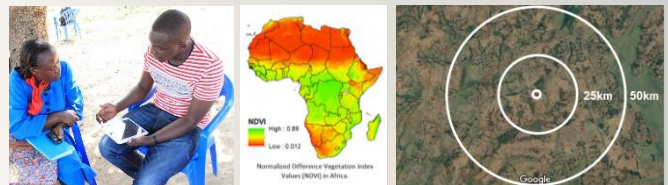
Time and Place: The 8-week program (June 14-August 9) at UVM's Burlington campus provides training in development theory, interview and survey methods, and spatial analysis. Students engage in applied fieldwork at the Rian Fried Center for Sustainable Agriculture & Food Systems in Craftsbury, VT, with mentors from UVM, Sterling College, the National Socio-Environmental Synthesis Center (SESYNC), and academic and community partners.

Funding and Benefits: The National Science Foundation provides student researchers a stipend of \$4,800 plus housing and travel expenses. Students from under-represented groups are especially encouraged to apply.

Key Topics: Rural & agricultural development, Food & nutrition security, Crop diversity, Land use, Sustainability, Social networks, Ecosystem services

Our REU Site program integrates social, ecological and geospatial methods allowing students to conduct mentored research in the areas of:

- Interviews & surveys on values of crop diversity
- Network analysis of seed flows through farmer-to-farmer social networks
- Value chain analyses looking at the production, processing, and marketing of diverse food crops
- GIS analyses of land use, farm system resilience, and changes in cropping practices over time
- Multi-method analyses of relationships between local and regional crop diversity and farmer livelihood outcomes



Applications open January 15th 2021
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 Review of applications begins February 28th 2021

The REU Sites Program is supported by the National Science Foundation