



RESEARCH EXPERIENCES FOR UNDERGRADUATES IN VERMONT & UGANDA

Crop Diversity, Food Security & Livelihoods
Summer 2023



The
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of VERMONT



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Applications due by **February 28th, 2023**

REU Site in Vermont: in summer 2023 the second year of the REU Site based at the University of Vermont (UVM) will offer 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 Uganda.



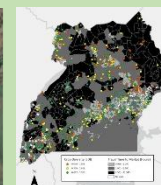
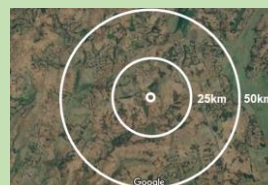
Time and Place: the 8-week program (June 13 - August 8) begins at UVM's Burlington, VT campus and the Rian Fried Center for Sustainable Agriculture & Food Systems in Craftsbury, VT, training students in interview methods, survey methods and spatial analysis. Participants then engage in quantitative and qualitative research with partners in Uganda, including travel to the Conference of the International Consortium on Applied Bioeconomy Research in Buenos Aires, Argentina (July 4-7).

Funding and Benefits: The NSF will provide each student researcher with a stipend of \$4,800 and will cover all housing costs and round-trip travel expenses.



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

- Interviews/surveys exploring crop diversity benefits and values
- 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 farmland use, climate change impacts on crops, and changes in cropping over time
- Multi-method analyses of relationships between local and regional crop diversity and farmer livelihood outcomes



The REU Sites Program is supported by the National Science Foundation