The University of California, Los Angeles (UCLA) is excited to provide summer research opportunity in Sudan or Rwanda for U.S. undergraduate or graduate students in Summer 2022. The program is funded by the U.S. National Science Foundation (NSF). Students will travel to Sudan or Rwanda for 8 weeks, June 20 – August 14, 2022, to undertake independent research (under faculty mentorship) in the area of irrigation water management in the Nile Basin by focusing on one of the following topics:

1. Diagnostic Assessment of on-farm Irrigation Water Management and Crop Husbandry
2. Spatial and Temporal Dynamics of Water Supply and Demand
3. Assessment of Institutional Factors Influencing Irrigation Performance
4. Assessment of Food Security and Livelihoods Situation
5. Geospatial Database Development for Irrigation Scheme Management
6. Technical and Management Solutions to Revitalize and Sustain Irrigation Infrastructure

Program Highlights

- Students will travel to Sudan or Rwanda for 8 weeks
- Gain research experience in hydrology and water management
- Mentoring from international and local faculty members
- All expenses covered

Eligibility

- Enrolled undergraduate or graduate student
- U.S Citizen
- Willing to participate in the spring pre-trip and Fall 2022 post-trip activities
- Minorities are particularly encouraged

Preferred academic background: Civil or Agricultural engineering, Agriculture, Geosciences, Hydrogeology, Agricultural economics, International development, Rural development, Public policy.

Application Deadline: 15 January 2022

If you have any questions, contact us: iresnile@seas.ucla.edu