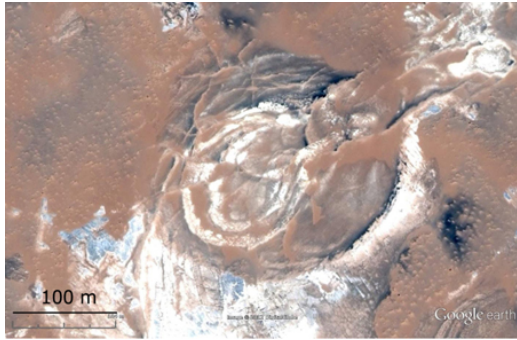


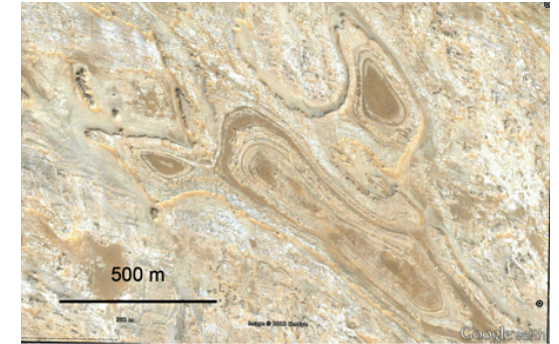
Research in Egypt

Information and Application 2012-13





We are looking for eight undergraduate and graduate students to participate in NSF-funded research in Egypt. Projects are available in structural geology, geophysics, sedimentary geology, and mineralogy. **Applications, including two letters of recommendation, are due May 5, 2012.**



The Desert Eyes Project seeks to determine the origin and evolution of extraordinary fold and fault structures in Late Mesozoic and Early Tertiary carbonate bedrock of the Western Desert of Egypt. Field work in 2012-13 will focus on two sets of structures, 1) polygonal faults and related veins and basin structures in Cretaceous chalk near Farafra Oasis and 2) domes and networks of narrow synclines in Eocene limestones west of Assiut. You can find out more about our current work at <http://people.hamilton.edu/btewksbu/research/egypt-research/egyptresearch>

The Desert Eyes Project is not a field trip or a field camp - it is first and foremost a research project. We are looking for student collaborators who are highly motivated, well-prepared academically, and willing to take initiative to prepare well for research in the field, to serve effectively as junior research colleagues in the field, and to follow through with independent work on a portion of the main research project.

A major aim of the project is to give American students experience in research in a foreign setting in collaboration with Egyptian faculty and students in order to better prepare them for working in a global context in the future. The collaborative and cultural aspects of this project are an important part of the field work component, and we are seeking students who are adventurous, flexible, and able to work well in a diverse group setting.

Expectations

If we select you to participate in Desert Eyes 2012-13, you will:

- prepare for Desert Eyes field research by participating in the fall 2012 Seminar on the Geology of Egypt, by completing other preparation as required by your research supervisor, and by participating in project evaluation activities.
- prepare independently in traveller's Arabic over the summer of 2012 (the project will provide CDs and other materials).
- participate in field research in Egypt during December 2012 and January 2013. Departure from the US will be either December 26 or 27, and return may be as late as January 20. Our Desert Eyes NSF grant will cover travel, lodging, and food for all participants, but the grant will not provide additional stipends for Desert Eyes participants.
- complete a report, independent study, or thesis under the direction of your research supervisor based on Desert Eyes data.
- contribute to presentation of research results at student research symposia and/or professional meetings.

Eligibility

Undergraduate applicants must be geology or geophysics majors, and preference will be given to applicants who will be juniors during academic year 2012-13 or who are able to conduct significant preparatory research during summer 2012. Graduate student applicants must be working in either geology or geophysics. Applicants must be US citizens (a requirement of our NSF grant).

Prerequisites

Participants must have taken a course in structural geology. Course work or prior experience in GIS or remote sensing, field work, and research are desirable but not mandatory. Participants must also have completed course work in the area(s) in which they will contribute to Desert Eyes research (structural geology, sedimentology, geophysics, mineralogy, and/or geochemistry).

Download application form at:

<http://people.hamilton.edu/btewksbu/desert-eyes/desert-eyes-application>

For more information, email Barbara Tewksbury (btewksbu@hamilton.edu) or John Hogan (jhogan@mst.edu).