

## GEOPATHS: IMPACT- The Science, Technology, Engineering and Math Student Experiences Aboard Ships (STEMSEAS)

COL submitted to NSF a proposal, Science, Technology, Engineering and Math Student Experiences Aboard Ships (STEMSEAS).

To leverage this unused capacity on UNOLS vessels transits to engage undergraduate students in transformative ship-based learning experiences.

Few undergraduate experiences with the potential for more impact than sailing on a technologically advanced ship on an expedition of discovery with mentors and peers.

Bring together both declared geoscience majors and non-majors with undergraduate faculty mentors and sailing them on 5-10 day transits.

Program will:

- (1) Increase the number of meaningful shipboard experiences available to students-
- (2) Introduce students to essential skills and competencies for geoscience careers-
- (3) Expose non-STEM students to STEM issues and careers.