Opportunity Summary

The NSF-wide IUSE initiative acknowledges the variety of discipline-specific challenges and opportunities facing STEM faculty as they strive to incorporate results from educational research into classroom practice and work with education research colleagues and social science learning scholars to advance our understanding of effective teaching and learning.

IUSE: GEOPATHS invites proposals that specifically address the current needs and opportunities related to undergraduate education within the geosciences community. The primary goal of the IUSE: GEOPATHS funding opportunity is to increase the number of undergraduates interested in pursuing undergraduate degrees and/or post-graduate degrees in geoscience through the design and testing of novel approaches for engaging students in authentic, career-relevant experiences in geoscience. In order to broaden participation in the geosciences, engaging undergraduate students from traditionally underrepresented groups or from non-geoscience degree programs is a priority. The IUSE: GEOPATHS solicitation features two funding Tracks:

1. Engaging students in the geosciences through extra-curricular experiences and training activities (GEOPATHS-EXTRA); and
2. Improving pathways into the geosciences through institutional collaborations and transfer (GEOPATHS-IMPACT).

Eligibility & Requirements:

- A Principal Investigator may serve in the role of PI or Co-PI on only one proposal per competition if they are at the sole-submitting institution or the lead institution of a collaborative project, but may serve as the Co-PI for a non-lead institution of a collaborative project more than once per competition.
- JHU may only serve as the lead institution on a GEOPATHS-IMPACT proposal.

Internal Nomination Process:

Interested applicants should send the following documents in sequence in one PDF to resapp@jhu.edu no later than 4 p.m. on August 2, 2016:

1. JHU Limited Submission Cover Sheet
2. Abstract (one page, double-spaced)
3. Curriculum Vitae of investigator, including current external research support and publications

Each applicant should expect to receive a confirmation of receipt of their materials. Applicants not receiving an acknowledgement, or having any questions, should contact Brittany McMahon via resapp@jhu.edu.