Expand your knowledge of Earth’s climate record and build scientific skills through a week of hands-on paleoclimate investigation. You will analyze data from sediment cores collected by the International Ocean Discovery Program.

Participants will gain:

- Hands-on experience working with ocean sediment cores and identifying climate change information from microfossils and physical characteristics of core contents
- Data-rich curriculum on the geologic perspective of climate change
- Guidance in identifying resources to support curriculum development and adaptation, and to support design of student research projects
- Mentoring to support resource implementation from research scientists and undergraduate education specialists

For more information, contact:
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Our nation faces a serious challenge in attracting young people to science and its related careers. This is particularly true for members of groups underrepresented in STEM and minority college students majoring in the geosciences.

To address these issues, MSI-REaCH partners have created a rigorous professional development workshop series. This program trains minority-serving institution faculty to understand paleoclimate evidence derived from ocean sediment cores and acquire the hands-on skills necessary to bring this exciting inquiry into new and existing Earth and environmental science classes on their campuses. Adding sediment core analysis to courses in climate science, oceanography and geology provides students the authenticity of real paleoclimate science.

**PUBLIC**

**LOCATION**
This workshop will be held at the Gulf Coast Repository at Texas A&M University in College Station, Texas on August 1–5, 2016*. This facility houses over 100 kilometers of core for scientific study. *Participants should plan on arriving July 31 and departing August 6.

**ELIGIBILITY**
Institutions must be on one of the following U.S. Department of Education lists:
- Historically Black Colleges and Universities
- Hispanic Serving Institutions
- Tribal Colleges and Universities
- Alaska Native or Native Hawaiian Serving Institutions

Other accredited post-secondary institutions that can document a minority enrollment of at least 25% are also eligible.

**PROGRAM COMMITMENTS**
Upon workshop completion, participants will be expected to:
- Integrate workshop paleoclimate curriculum into new or existing geoscience courses
- Begin or expand paleoceanography, paleoclimate and/or marine science research opportunities for undergraduate students
- Present their curriculum or research outcomes at a professional meeting

All costs will be covered for the summer workshop. Housing expenses and a $500 stipend will be provided for the follow-up meeting.

**HOW TO APPLY**
Access the application form directly at http://goo.gl/forms/Lhb5JrM9Lc or contact Elizabeth Mills at mills@ametsoc.org to receive the form by email.

Participants will be selected based on factors including the date-of-receipt of application materials. Priority will be given to applications received on or before March 15th, 2016 and on a rolling basis thereafter.