

The geosciences have the lowest diversity of all the science, technology, engineering and mathematics [STEM] disciplines. To address this poor record, the NSF Directorate for Geosciences established a new program in 2010 entitled "Opportunities for Enhancing Diversity in the Geosciences [OEDG]." In 2011, we created a new initiative at Stony Brook University: "A Career Path for African-American Students from Historically Black Colleges and Universities [HBCUs] to National Laboratories." The goals of this new initiative were to: Recruit African-American undergraduate science and engineering students who received their undergraduate degrees from HBCUs or other minority-serving institutions into the graduate program in the Department of Geosciences at Stony Brook University; Educate these student trainees through formal courses and research projects to the M. S. in Geosciences Instrumentation; Provide these student trainees with a marketable skill set in an emerging field between science and technology; Prepare these student trainees for employment as science associates in national user facilities of the U. S. Department of Energy [DOE], such as the National Synchrotron Light Source [NSLS] at the Brookhaven National Laboratory [BNL]. To date, this program has resulted in granting M. S. degrees in Geosciences Instrumentation to 4 African-American students in the Department of Geosciences at Stony Brook.

We are pleased to announce that we are extending and expanding our diversity initiative for another two years as an EOID project funded by COMPRES. Specifically, we are expanding our program to include African-American, Hispanic, Native American students from minority-serving institutions [MSIs], as well as students who are from socio-economically disadvantaged backgrounds. Graduate students admitted to this program will receive stipends, health insurance and tuition support. We are now accepting applications for this M. S. program from students desiring to enroll at Stony Brook as early as September 2018. Applications for graduate study can be obtained from Professor Timothy Glotch [Director of Graduate Studies; timothy.glotch@stonybrook.edu] in the Department of Geosciences at Stony Brook. For further information, interested students are encouraged to contact Bob Liebermann at the email address below. Robert.Liebermann@stonybrook.edu