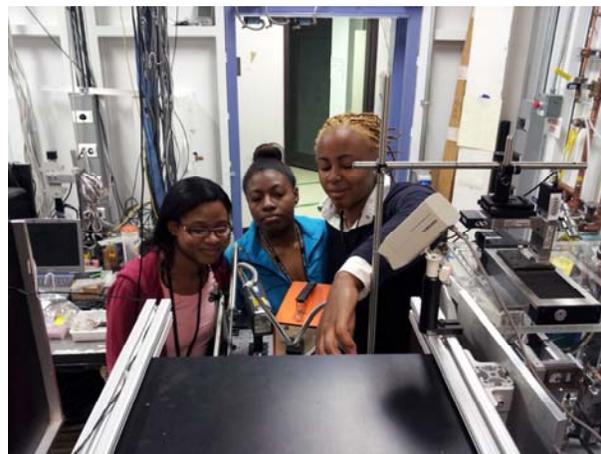




Department of Geosciences

M. S. in Geosciences Instrumentation



The Department of Geosciences at Stony Brook University has established a new M.S. program in Geosciences Instrumentation, primarily for African-American Students from Historically Black Colleges and Universities.

This new program is directed to building on the evolving relationship between professors from Historical Black Colleges and Universities [HBCUs] and the National Synchrotron Light Source [NSLS] of the Brookhaven National Laboratory [BNL]. An outcome of this relationship has been the creation of an Interdisciplinary Consortium for Research and Educational Access in Science and Engineering [INCREASE], an organization to promote research in HBCUs and other minority-serving institutions [MSIs], involving utilization of national user facilities, such as the NSLS at BNL.

The goal of this new initiative is to recruit undergraduate science and engineering students from underrepresented groups into the graduate program in the Department of Geosciences at Stony Brook University, to educate them via formal courses and research projects to the M. S. degree in Geosciences Instrumentation, and to position them 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]

This 2-year MS program in Geosciences will include both formal courses in the Departments of Geosciences, Chemistry and Physics & Astronomy and internship research at the X-ray and ultraviolet beamlines operated at the NSLS of BNL by COMPRES [Consortium for Materials Properties for Research in Earth Sciences]. Full-time students in this program will receive financial stipends of \$28,000 per year as well as tuition and fees and health care coverage. Support provided by the National Science Foundation [NSF], Brookhaven National Laboratory and Stony Brook University.

This program will be overseen by Robert Liebermann, Professor of Geosciences at Stony Brook, Lars Ehm, Research Associate Professor in the Mineral Physics Institute [MPI] at Stony Brook, and Gabriel Gwanmesia, Professor in the Department of Physics and Pre-Engineering at Delaware State University.

As of September 2012, three students have been recruited into this M. S. program: Ashley Thompson [at left in left photo above] from Delaware State University enrolled in January 2012 and is now working on her research project with Lars Ehm at the MPI and NSLS. Melissa Sims from the University of South Carolina [at left in right photo] and Adaire Heady from Delaware State University [at center in right photo] enrolled in September 2012.

Students interested in this program should contact Robert Liebermann [Robert.Liebermann@stonybrook.edu] and Yvonne Barbour, Graduate Secretary in the Department of Geosciences [betty.barbour@stonybrook.edu] for instructions on the procedures for applying to the Graduate School at Stony Brook.