Teachers Spend Cool Summer

Six Hope teachers and one Hope student spent the summer at Brown University laboratories doing research and creating curricula. The teachers are Dr. Andres Castro, Ms. Catharine Slader, Ms. Mary Markey, Mr. Joe Paliotti, Ms. Azizeh Nuriddin, and Mr. Gerome Muriel. The student was Jesus Pimental.

Physics teacher Catherine Slader’s classes will be using some cool machines she built this summer to lift heavy objects. Math teacher Gerome Muriel’s students will be using geometry, algebra and graphic skills to design better soda cans and cardboard packaging. Biology teacher Andres Castro will show students how they can improve water quality by filtering pollutants from water with his homemade carbon filter. Biology teacher Mary Markey used teenage rats to test fiber optics probes to gauge inflammation in chronically ill patients, and Joe Paliotti will share his findings from gas chromatography in determining climate change in Narragansett Bay.

L-R: Ms. Azizeh Nuriddin, Ms. Catharine Slader, Mr. Andres Castro, Mr. Joe Paliotti, Ms. Mary Markey, and Mr. Jerome Muriel

Mr. Muriel thinks this program is a good idea for math and science teachers because “The professors give you ideas to improve your lessons plans. The teachers also get paid and they get materials to introduce to the classroom. The projects are hands on projects and that helps the students understand the material more.”