On March 21, 2014 at 4:00 PM, 73 excited and eager high school students from the NYC and surrounding area as well as students from Mid-Hudson Valley and the Capital Region arrived at the Rensselaer Biotechnology Auditorium. Students from over 22 high schools graced the RPI campus and their largest areas of interest included Biology, Engineering, and Electrical/Computer Engineering.

At the start of our program, students were encouraged to become a part of the “STEM movement” by Rensselaer’s own Vice President of Student Life, Dr. Timothy Sams. Students learned about the RPI Admissions process through an interactive workshop hosted by Michael Moore. Professors from the a variety of departments on campus held special workshops geared towards engaging students in a key STEM area. Groups participated in team-building exercises led by LEAP facilitators.
Meet the RPI Students Who Made It All Possible

The SHPE Outreach 2014 Staff!

Vienna Yee
Stacy Simental
Angelo Polanco
Randy Arboleda
Jesus Cardenas
Edward Gonzalez
Michelle Green
Katherine Rosero
Tevin Smith
Ilisel Espinal
Ricardo Johnson
Nicholas Pappas
Nicole Nunez
Luis Morales
Alex Garcia
Malaney Young
Austin Hernandez
Andrea Ramos

and the Archer Center’s Graham Knowles and James Reed. Students rallied up points during an Olympic challenge with help from volunteer groups of Lambda Chi Alpha and Sigma Delta Sorority Inc. This year’s recruitment effort was enhanced due to connections with the SHPE NYC Professional Chapter and undergraduate chapters of SHPE in the NYC area. In the two night stay, over 40 RPI student volunteers opened up their resident halls to our attendees. The event would not have been such a great success without the help of these RPI and SHPE resources!

Throughout the weekend, groups battled in an Extreme Engineering Challenge where they either built gliders, forts, boats, or an electromagnetic stopper. Over 90% of the attendees rated SHPE Outreach as an excellent experience!

As a tradition at Rensselaer for the Hispanic community for almost 10 years; we pride ourselves on being able to give back to students who were recently in our shoes by inspiring them to pursue not only higher education, but a STEM education.

We hope to continue the SHPE Outreach Program for many years to come with support from the SHPE Foundation and the RPI and Hispanic communities!