



June 2014

## Applied Research Center Student Newsletter

# Mini-Spectrometer Workshop

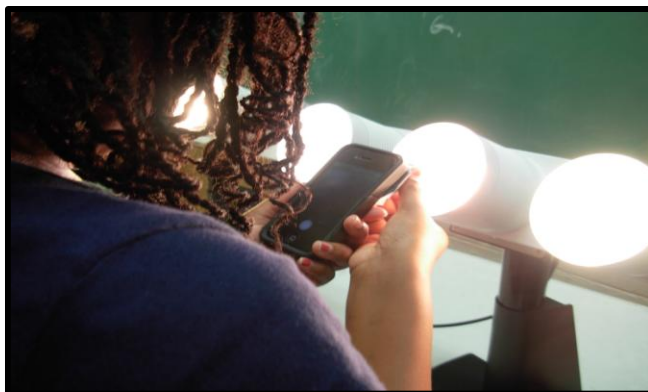
Amy Wilkerson, Brandt Robertson, and Samson Worrell held a mini-spectrometer workshop for the Boys & Girls Club of Suffolk (BGCS). A total of 36 BGCS members participated in the workshop and built their own spectrometers capable of analyzing the spectrum of any light source. This spectrometer workshop was jointly funded by the William and Mary IDEA grant Amy received from the Office of Diversity and Equal Opportunity for her "Fill the Gap" project and the STEM grant Amy received through the American Association of University Women (AAUW). This grant was provided to educate 10 young women with interest in the field of science.



Samson, Brandt, and Amy are pictured standing behind the BGCS members that participated in the workshop.



Amy gave a video presentation explaining the concept of spectroscopy to the BGCS members.



One of the BGCS participants used her cell phone to compare the spectra of the incandescent, LED, and fluorescent light bulbs.