



Climate Changes

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Interamerican University of Puerto Rico, Aguadilla Campus- Upward Bound Math and Science Program



Introduction

Interamerican University

- Ecumenic Christian university dedicated to uniting academic excellence with leadership and service to society.
- Private institution composed of eleven campuses across Puerto Rico.
- Three professional schools:
 - Optometry School
 - Interamerican University of Puerto Rico Law School
 - Aeronautic School

UBMS

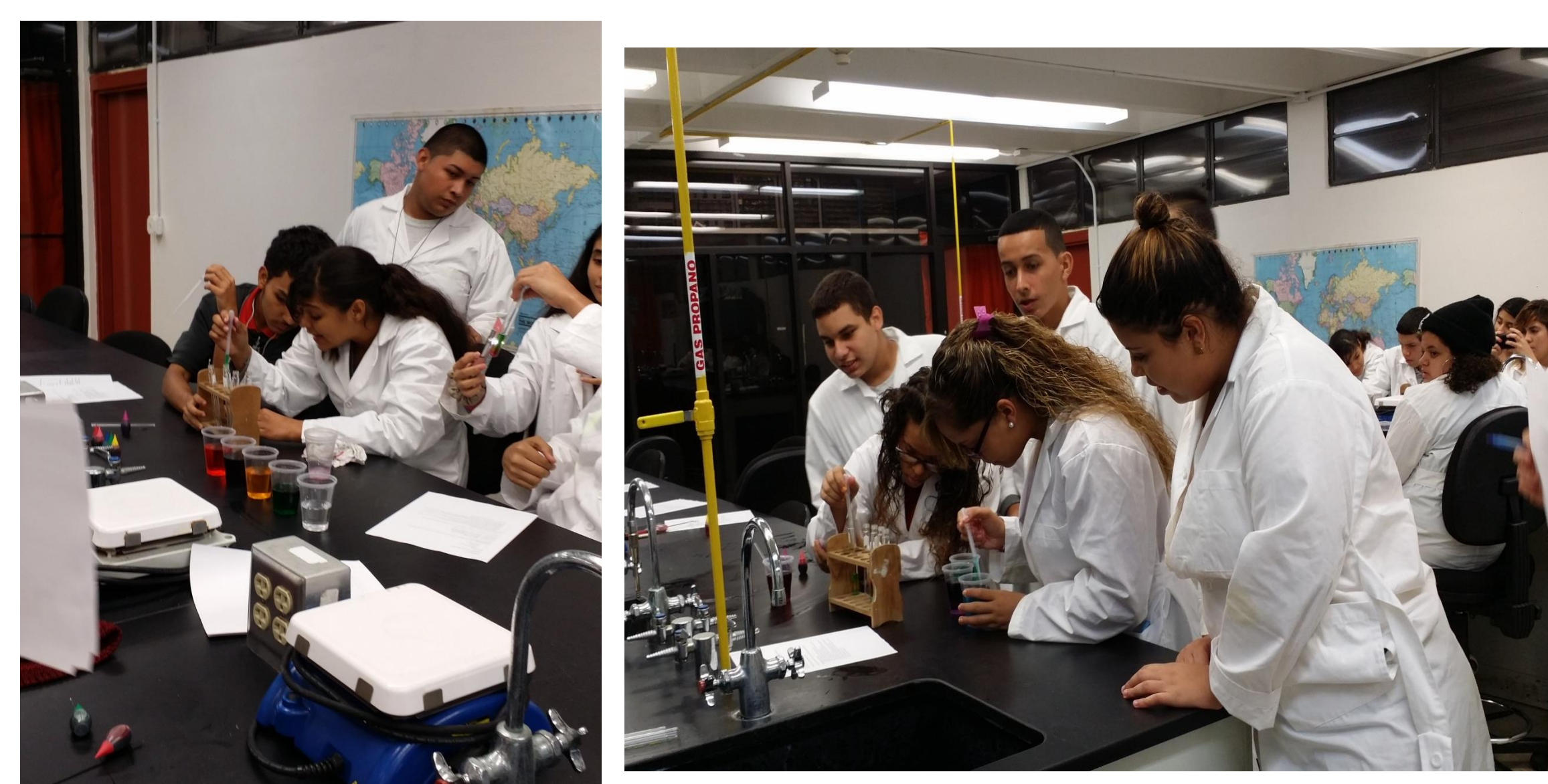
- Is part of the TRIO federal programs of the department of education of the USA .
- This program works with high school students that are interested in pursuing studies in math or science.

Course Content

- Target group are Spanish speaking twelfth grade students
- Adaptation of the material to the academic level
- Climate changes as a consequence of our actions.
- Field trips
- Investigations
- Laboratories
- Instrument creation

Activities Laboratories

Density



Spectrometer



Cloud



Field Trips

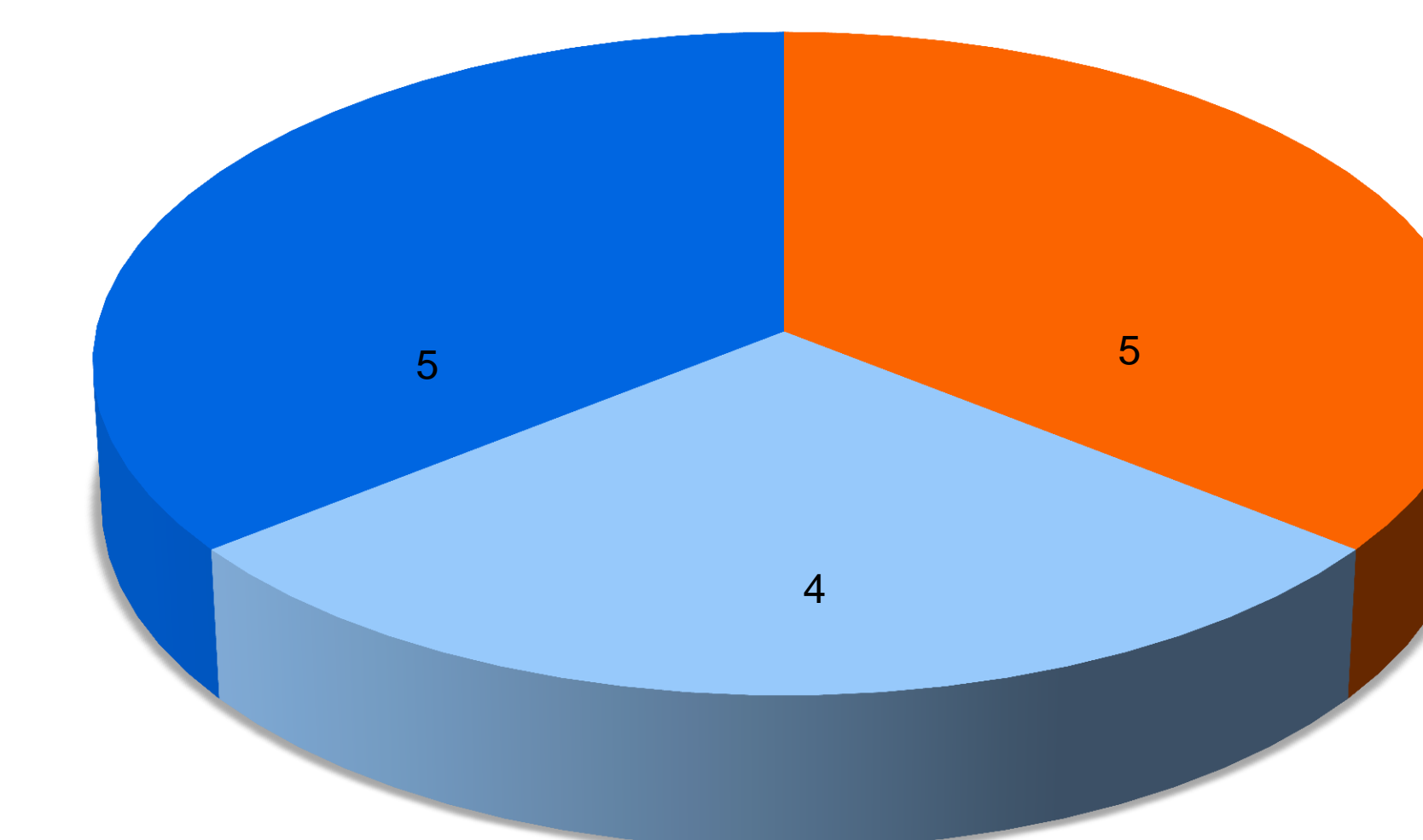
"Wind Mill Farm"



"Oceanica Eco-exploratorium "



Students Interested in Future Meteorology Courses



Very interested (M=4 F=1)

Moderately interested (M=2 F=2)

Not Interested (M=1 F=4)

Future Goals

- Implement teaching techniques to improve the students' knowledge.
- Make investigation about the climate changes in our area.
- Students will create a poster explaining their investigations.
- Designing strategies to bring a positive message about the preservation of the planet and raise awareness among students on how our actions affect climate.

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