

Marissa Soto
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EDUCATION

Physics Major – University of Houston
Teach Houston Program – Capstone

TEACHING AND ADVISING EXPERIENCE

Robotics Instructor, Exxon Mobil Bernard Harris Summer Science Camp, University of Houston, June 2016

- Planned and taught a space mission based robotics course.
- Planned and led required training session for camp counselors.

Camp Counselor, Exxon Mobil Bernard Harris Summer Science Camp, University of Houston, June 2015

Camp Counselor, Cougar STEM Camp, University of Houston, July 2015

- Responsible of taking the students to the different locations required by the camps.
- Assisted the camp instructors.
- Provided counseling to campers when facing hardships.
- Set up equipment for classes.
- Gathered instruction materials for classes.
- Maintained discipline within the campers as they transitioned from and whilst completing diverse tasks.

Teaching Assistant for Physics 1301 – College Physics at the University of Houston Inquiry Based Course with Dr. Margaret Cheung.

- Provide training for fellow teaching assistants.
- Facilitate Inquiry portions of Lessons
- Assist Professor with lesson planning and teaching strategies

HONORS, INTERNSHIPS, AND SCHOLARSHIPS

- Noyce Scholarship, University of Houston, 2015-present
- Noyce Internship, Summer Camp Counselor, University of Houston, June-July 2015
- Physics Undergraduate Fellowship – August 2016

PRIOR RESEARCH

- Physics Education, Advisor: Dr. Margaret Cheung, University of Houston, May 2016 – Dec 2016
- Bio-Medical Physics, Advisor: Dr. Mini Das, University of Houston, Current

CONFERENCE PRESENTATIONS

- Interactive presentation/Workshop, Title: "Incorporating Formative Assessment Strategies into your STEM Classrooms" Western Regional Noyce Conference 2015, San Diego, CA, November 2015
- Interactive Presentation, Title: "Incorporating STEM Teaching Strategies into your Classroom", 32nd Annual Teach Tomorrow Summit, Houston, TX, January 2016.

UNIVERSITY MEMBERSHIPS

- Member of the Society of Physics Students – University of Houston Chapter – Officer:
Webmaster Position
- Member of the Hallyu Club – University of Houston
- Member of the Astronomy Society – University of Houston

Member of Teach Houston Student Society – University of Houston