



SIGMA PI SIGMA

The physics honor society

Sigma Pi Sigma Chapter Project Award Proposal

Project Proposal Title	Student Induction and Alumni Celebration
Name of School	Florida Polytechnic University
Sigma Pi Sigma Chapter Number	589
Total Amount Requested	\$600.00

Abstract

Florida Polytechnic Sigma Pi Sigma Chapter (chapter number 589) is on the way to conduct its third induction ceremony in Spring 2024. During this ceremony we are going to hear from inductees of previous years, hear talks from Engineering Physics department faculty and invited speakers. Additionally, we will celebrate the first cohort of Sigma Pi Sigma Alumni.

Proposal Statement

Overview of Proposed Project

The Overview should be a more detailed description of the proposed project than the abstract.

This section should include:

- **Brief description – What will the project look like?**
The project is about creating a pathway for our Sigma Pi Sigma Chapter future inductees to learn the insights and experiences gained from our inaugural inductees. Each individual inductees will gain insights of how senior student members have contributed to the Sigma Pi Sigma Chapter in terms of scholarship, support and service to the EP department and what benefits does Sigma Pi Sigma carries for new inductees.
- **Goals of the project – What will the project accomplish?**
The primary goal of the project is to introduce the salient features and benefits of associating Physics cohorts with their home department honor society, Sigma Pi Sigma after passing their required Physics III and other core courses. The secondary effects will be to create a road map and increase the membership opportunities by sharing the experiences from peers and alumni at the induction platform. We will invite a senior academic researcher to the upcoming event to impart knowledge about the developments of science and technology. Additionally, the project will celebrate the first cohort of graduating students, who will become the first Sigma Pi Sigma Alumni from our Florida Poly chapter.
- **Intended audience – Who is the target audience and how many people will be impacted?**
The target audience of our new aspiring Engineering Physics cohorts who are currently in their Freshmen to Sophomore level students who otherwise not get any opportunities to know about the existence of Sigma Pi Sigma FL Poly chapter. This previous year inductees and first batch alumni will share their pathway experience as part of the Sigma Pi Sigma Physics honor society, that will impact at least 10-15 EP majors currently pursuing at Sophomore or Junior level studies.
- **Background and motivation – What is the context and motivation for the project? This might include a discussion of how the project builds on a previous project carried out by the chapter, where the idea came from, or how the chapter or community would benefit from this project.**

This project emerges from the anticipation of graduation of current senior class of Sigma Pi Sigma student members. The future alumni will share their path with newly inducted and current members of our Sigma Pi Sigma Chapter. The motivation behind this project is not only to host the third annual induction of our chapter, but also to pass on the experience of our senior members to junior members and to establish valuable alumni connections to the chapter.

How Proposed Project Meets the Purpose of the Award

- **Raise awareness of Sigma Pi Sigma in the local community and the physics community.**
This project undoubtedly raises the awareness and existence of Sigma Pi Sigma in the Physics community of Florida Polytechnic University. Since the success of our inaugural inductees are prominent and set an example for others, the new cohorts will definitely follow in their footsteps, this will lead to students' success and retention in Physics courses. Very recently, on November 16, 2023, our Sigma Pi Sigma chapter participated in Great American Teach-In program at the local middle school where the Sigma Pi Sigma inducted member and the faculty advisor participated in that event.
- **Build community among local alumni and new Sigma Pi Sigma members.**
This project will certainly create and provide a platform for our inaugural inductees to elevate their support to the next level as chapter alumni, at the same time inducting new members to our Sigma Pi Sigma Florida Poly chapter. Strong networking and peer sharing opportunities will be created via this proposed project for strong bonding between the members and the faculty and department administration as well.
- **Add greater distinction to induction ceremonies and other chapter events.**
The Sigma Pi Sigma Induction Ceremony is the only Flagship even of our Engineering Physics department where all the faculty, staff and student members will interact in a formal set and discuss for the growth of the department and any issues pertinent to our student members.
- **Increase the induction of new members.**
The proposed induction event is focused to increase our new members to chapter while keep integrating our alumni chapter members for creating opportunities in terms of research and outreach in Physics or Engineering Physics.
- **Encourage fundraisers for chapters and scholarship funds.**
This induction ceremony may pave the way for our members to create future fundraising events and create other scholarship funds. Therefore, hosting this proposed event is mandatory for the success of our students and the department.
- **Encourage more inter-chapter activities.**
Our second Sigma Pi Sigma Induction Ceremony will also be supporting our upcoming Zone 6 conference at Florid State University during Spring 2024 semester.
- **Recognize outstanding achievement at the chapter level.**
In this proposed event, the chapter advisor will felicitate our Sigma Pi Sigma inaugural inductees for their service and support to create awareness and planning of upcoming Zone 6 meetings and other chapter activities.

Plan for Carrying Out Proposed Project

This section should detail the plan for carrying out the project, in bullet or paragraph form. Include, at minimum:

- Personnel – The Executive Committee

- President – Addam Ben-Abdallah
 - Vice President – Anand Dewansingh
 - Secretary – Aliya Eissa
 - Treasurer – Sebastian Sage
 - Historian and PRO – Brennan Halsey
 - At Large Member – Daniil Ivannikov
 - Chapter Faculty Advisor – Dr. Sessa Srinivasan (ZC, Zone 6)
- **Marketing - How the project will be marketed to the target audience to ensure satisfactory participation?**
Marketing materials in the form of digital and hardcopy flyers will be sent out to the participants, posted on our Florida Poly Students' Weekly news notifications, discord channel, Teams channel and other social platforms. The Executive Committee also convene a formal meeting in which they will invite the participants and share information about the induction agenda by word of mouth.
 - **Sigma Pi Sigma member participation - How many members are likely to participate and in what capacity? Will participants be recruited from other groups as well?**
Graduating Members – 10 Students
Current Members – 20 students and 8 faculty members
Future Inductees – 10 students
Freshmen and other non-members - 10 students
University Administration – 2

Project Timeline

This section should detail the timeline for carrying out the project. Work backwards from the project date and include key milestones and the dates by which important details needed to be finalized in order to complete the project on time.

This section should tell reviewers WHEN the planning efforts and proposed project will happen.

- **Dec. 1 – Dec. 31** Planning for upcoming APS March and Zone 6 conference at Florida State University.
- **January 1 – Jan. 31** Securing approval from university administration for hosting the induction.
- **February 1-Feb. 28** Planning and sending out invitations for guest speakers and workshop events.
- **February 14-16** To participate at the Zone 6 meeting at Florida State University
- **March 1- March 31** Promoting the Induction Ceremony at Florida Poly to all EP majors.
- **April 1- April 30** Executive Committee finalization of Agenda, guest invitation and other logistics
- **May 1st week** (Next day of Final Exam completion) Third FL Poly Sigma Pi Sigma Induction and Alumni Celebration Ceremony

Project Evaluation Plan

The Project Evaluation Plan should be no more than 300 words. This section should explain how the chapter will evaluate the success of the project in meeting the goals of the award. This may be as simple as keeping accurate records or administering a short survey of participants.

Some key metrics of success might be:

- **Attendance or participation numbers**
We will roll call the number of participants and add it to the chapter roster. The participation was based on the alumni, faculty, new inductees, and general attendees to make sure how many new inductees earned their chapter membership.
- **Survey results from participants**
Since Florida Poly has recently got their approval for IRB, Human Subjects Evaluation formally approved, this project will survey the outcome of the results with the participants. The results will be statistically analyzed the outcome will be shared with the stakeholders.
- **Feedback from key participants**
The feedback obtained from key participants will be seriously analyzed and discussed in our executive meetings and action plans will be laid out for future projects.

Budget Justification

The budget will be used for the following itemized purchases pertinent to our Sigma Pi Sigma chapter induction.

- **Guest Speaker Honorarium or Plaque presentation** – Our Guest speakers are the highlights of the ceremony and therefore proper budget of at least \$100 is budgeted for buying a custom plaque or other forms to honor our guests.
- **Sigma Pi Sigma T-Shirts** will be ordered for custom design and purchased to promote the event and give them with our FL Poly Swag to all our participants with the budget of \$150.
- **Food, drinks, and snacks** will be provided with our university catering services and \$250 is budgeted for this item.