



# SIGMA PI SIGMA

The physics honor society

## Sigma Pi Sigma Chapter Project Award Proposal

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<b>Project Proposal Title</b>	Inaugural Inductees' Insights Sharing
<b>Name of School</b>	Florida Polytechnic University
<b>Sigma Pi Sigma Chapter Number</b>	589
<b>Total Amount Requested</b>	\$500.00

### Abstract

Florida Polytechnic University's Inaugural Induction of Sigma Pi Sigma Chapter 589 was held on last Spring semester, May 5, 2022. Dr. Andrew Zeidell, Assistant Director of Sigma Pi Sigma, SPS National Office inducted our inaugural chapter and presented his invited guest talk at this event. Five Faculty and 10 SPS members from our new Engineering Physics department have been inducted. This charged with enthusiasm, all 10 student inductees and 1 faculty attended and presented 7 research/arts posters at the 2022 Physics Congress in Washington DC. This project will be focused primarily these 10 inaugural inductees will share their experiences and insights with our new cohorts who will be inducted in our second Sigma Pi Sigma Induction ceremony that we are planning for Spring 2023. The amount is requested for covering cost of Sigma Pi Sigma, Chapter 589 T-Shirts, Honorarium for guest speaker and food/snacks for the day of our upcoming induction event.

# Proposal Statement

The entire Proposal Statement should be no more than 2 pages and organized as follows.

## **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 inaugural inductees gained unique experience after their induction ceremony, participated, and presented at the 2022 Physics Congress and currently planning for Zone 6 meeting in Spring 2023.

- 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 at the induction platform. We will invite a senior academic researcher at the upcoming event to impart knowledge about the developments of science and technology.

- 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 inaugural inductees insights sharing will impact at least 10-15 Physics majors who are in the track of completing their third level of Physics courses and get ready for induction at the end of Spring 2023.

- 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.

The project emerged after the huge experience and excitements gained by 10 inaugural inductees at the 2022 Physics Congress in Washington DC. The campus community will get benefited and keep the tradition of Sigma Pi Sigma induction ceremony as the prime departmental event where the students get exposed to various guest lectures, hands-on workshops and other Physics based research opportunities. Therefore, this project of hosting our second induction ceremony not only to motivate the next generation of members to the society, but also continue enrich department efforts in serving Physics students, improving their curriculum education and constantly support for the retention strategies.

This section should explain to reviewers WHAT the project is and the context in which it will be carried out.

## How Proposed Project Meets the Purpose of the Award

This section should be a detailed description of how the project will meet one or more of the stated purposes 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 their footsteps, this will lead for students' success and retention in Physics courses.
- **Build community among local alumni and new Sigma Pi Sigma members.**  
This project will certainly create and provide platform for our inaugural inductees to elevate their support 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 ways 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 Florida Polytechnic University during Spring 2023 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 Zone 6 meetings and other chapter activities.

This section should explain to reviewers WHY the proposed project is worthwhile and WHY it should be funded by a Sigma Pi Sigma Chapter Project Award.

## 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 – Daniil Ivannikov
  - Vice President – Alexander Gage
  - Secretary – Addam Ben-Abdallah
  - Treasurer – Sebastian Sage
  - Historian and PRO – Brennan Halsey
  - 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 form of digital and hardcopy flyers will be sent out to the participants, posted on our Florida Poly Students' Weekly news notifications, discord and other social platforms. The Executive Committee also convene a formal meeting in which they will invite the participants and share 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?**  
Alumni Members – 10 students and 3 faculty members  
Future Inductees – 10 students and 5 faculty members  
Freshmen and other non-members - 20 students  
University Administration – 2

This section should tell reviewers HOW the proposed project will come to fruition. Please include adequate details so that reviewers see evidence of thoughtful planning.

## 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.

May 1 <sup>st</sup> week (Next day of Final Exam completion)	Second FL Poly Sigma Pi Sigma Induction Ceremony
April 1- April 30	Executive Committee finalization of Agenda, guest invitation and other logistics
March 1- March 31	Promoting the Induction Ceremony in Zone 6 conference at Florida Poly
February 1-Feb. 28	Planning and sending out invitation for guest speakers and workshop events
January 1 – Jan. 31	Securing approval from university administration for hosting the induction.
Dec. 1 – Dec. 31	Planning for upcoming Zone 6 conference at Florida Poly and learn the process.

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

## 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 number of participants and add it to the chapter roster. The participation based on the alumni, faculty, new inductees, and general attendees to make sure how many new inductees are 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.

This section should tell reviewers HOW the chapter will evaluate whether the proposed project met one or more of the stated purposes of the award.

## Budget Justification

The Budget Justification section should be no more than 300 words. This section should justify the expenses outlined in the Budget Proposal. For example, if the funding will be used for food and decorations for an induction event, explain how the food and decorations will help to meet the goals of the project. (The actual budget must be submitted as a separate file, created in conjunction with the “Sigma Pi Sigma Chapter Project Award Proposal Budget Template.”)

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 highlight 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 budgeted of \$100.
- **Food, drinks, and snacks** will be provided with our university catering services and \$300 is budgeted for this item.

