



SIGMA PI SIGMA

The physics honor society

Sigma Pi Sigma Chapter Project Award Proposal

Project Proposal Title	An Event of Great Magnitude
Name of School	Missouri Southern State University
Sigma Pi Sigma Chapter Number	564
Total Amount Requested	\$500

Abstract

Missouri Southern State University's "An Event of Great Magnitude" is meant to inspire the new members and as function as a networking event for the inductees. Invited alumni will be given time to give speeches about how the Society has impacted their lives and the future SPS benefits.

Proposal Statement

Overview of Proposed Project

An Event of Great Magnitude is a project that is meant to inspire the new members of the honor society. The invited alumni will be given time to give brief speeches about how the Society has impacted their lives and what the future benefits will be. The event will also be used as a networking event for the inductees, allowing them to plan for a future post-graduation. The target audience will be the inductees but will impact the surrounding community. Many of the alumni have integrated into local industries and can play a vital part in the advancement of our new inductees. During Spring 2022 induction, we are planning on inducting students, faculty and 2-3 of the high school Physics teachers from local schools.

MSSU chapter of SPS and Sigma Pi Sigma have evolved as a significant club on campus lately. The past two years in particular have seen record participation in our organization. We were able to capitalize on previous outreach activities and included new demonstrations, including demonstrations for the general community as well as targeted demonstrations to local high school freshman, pre-kindergarten children, and local first graders. Not only were we able to provide substantial outreach to the local community, but we were able to increase participation in our activities on campus. We successfully ran a 'like' campaign to spread awareness of Sigma Pi Sigma on our campus, using our online presence as well as running a hot chocolate stand that helped explain physics phenomena to students. Our chapter was able to obtain the Marsh White award to build a pendulum out of billiard balls and a bed of nails to be used at our future demonstrations.

How Proposed Project Meets the Purpose of the Award

The event will be a community gathering for those with careers in physics as well as those that are interested in the field. The intention of the project is to create professional contacts for our new and existing members, something especially needed in the current career climate. We hope to also represent Missouri Southern as a prospective school for those young adults looking for a physics degree.

Plan for Carrying Out Proposed Project

- Personnel: The SPS officers (President Alexis Black, Vice President Rebekah Sweyko, Secretary Joshua Numata, Treasurer Ashley Stokes, Outreach coordinator Madison Nagel and Public Relations Insia Mustafa) will be the core group planning and executing the proposed project. Assistance will be given by our advisors Dr. Jency Sundararajan Dr. Shayna Burchett.
- Marketing: The project will be advertised with flyers on campus as well as invitations to the alumni and the inductees.
- Sigma Pi Sigma member participation: Previous inductees will be in attendance.

Project Timeline

January 2022: With the commencement of a new semester the induction ceremony will be the top priority for the club. The first officers meeting in January will be used to compile a list of invitees as well as securing a location and time for the ceremony. The officers meeting will be used to brainstorm our food options as well as decorations for the event. We will finalize a design and compile a list for the invitations to the event.

February 2022: Finalize the details and host the Sigma Pi Sigma Induction ceremony.

March 2022: Host event.

SPS officers are meeting on a bi-weekly basis throughout the spring semester to discuss progress.

Project Evaluation Plan

The success of the proposed project will be graded upon the following guidelines.

- Recording attendance with a sign-in sheet, estimated at this time to be between twenty-five and thirty guests.
- Pictures will be taken for use in our final project report as well as chapter report at the end of the year.
- A small survey measuring the effectiveness of the ceremony as a networking event will be given to the inductees to ensure that the event was a success. The survey will have the participants rate their satisfaction from one through five on a variety of topics.
- A questionnaire will be given to the guest speakers after the ceremony to elicit any feedback on what we will be able to do better in future inductions.

Budget Justification

The total amount of \$500.00 will be used to cover the various costs of the ceremony. The costs are predicted to be food, decorations, invitations, and gifts for the attending alumni. Invitations will secure the attendance of our alum to the ceremony. We want to create a welcoming environment where the inductees and alumni may intermingle and spur on discussion in the future of the new inductees. Creating the right environment with decorations and food will improve the relations between these two groups. Gifts will show our appreciation to the alumni for their past contributions to the chapter as well as to the local community.