

Contents

1	Fall Initiation and Banquet	2
2	Project Charter Workshop (DUPLICATE)	3
3	LinkedIn Workshop	5
4	Resume Review Workshop	8
5	Project Charter Workshop	11
6	Project Charter Workshop	13
7	Mock Interviews	16
8	Engineering Info-Session	20
9	Networking Night & Student Panel	23
10	Game Night	26
11	Game Night	28
12	Leadership Conference	32
13	Color Spirit/Bent Hunt	35
14	Introduction to Sustainability and Sustainability Engineering 1 Day Primer	37
15	Public Speaking 101	40
16	Pathway to Success	42
17	1-on-1 Resume Review	44
18	Canva 101	46
19	Donation Run to Children's Home	48
20	Pizza Sale & Pi Trivia	51
21	Trivia Night	53
22	Beach Clean Up	55

1 Fall Initiation and Banquet

Puerto Rico Alpha

1. Project Information

- i. Date(s): - 12/01/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	35
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.0	0.0

2. Project Evaluation

- i. **General Description**
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
- iii. **Organization and Administration**
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
- vi. **Special Problems Encountered**
- vii. **Overall Evaluation**

2 Project Charter Workshop (DUPLICATE)

Puerto Rico Alpha

1. Project Information

- i. Date(s):
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

2. Project Evaluation

- i. **General Description**

The workshop, given by a fellow student, explained what is a Project Charter, why it is important and how we construct it.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity help to develop our community, including our members and electees, by giving them the tools to effectively communicate with other engineers. Topics like project charters and other concepts are not explained in our courses yet it is fundamental to our work.
- iii. **Organization and Administration**

The organization was led by a group of electees as part of their initiation process. They brainstormed the topics and executed their plan.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The virtual workshop impacted 27 persons during 1 hour. Agenda: definition, components, importance, example.

This workshop could have been improved if it was part of a series of workshop that complement each other.

3 LinkedIn Workshop

Puerto Rico Alpha

1. Project Information

- i. Date(s): 09/12/23 - 09/26/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

Category	Count
Electees	24

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

We started the fall semester with an online LinkedIn workshop provided by a well-respected UPRM industrial engineering student, Lemuel Rios, who is known for providing professional development workshops. The coordinator of the activity knows Lemuel personally and asked him to do the workshop in benefit of the chapter. Lemuel agreed and worked around his busy schedule and concluded it would be best to provide the workshop after 6pm in an online format. The workshop was tailored for STEM students covering both basic and advanced concepts on creating a great profile covering topics such as online networking, personal branding, and professional communication. Throughout the two-hour event, participants had the opportunity to ask the speaker questions which he answered thoroughly. The highlight of the event was the participants interaction with Lemuel as some of the participants didn't have a proper LinkedIn profile or just didn't know the value this tool can add to their professional toolbox.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This LinkedIn Workshop directly correlates to the Tau Beta Pi's mission by focusing on professional development and career enhancement for our members and the general student community. Through this workshop, we are fostering a culture of collaboration, career development and peer mentoring, strengthening individual capabilities while also promoting fellowship. In essence, this workshop reflects our commitment to cultivating well-rounded engineers, enhancing their professional image, and fostering a supportive community in line with Tau Beta Pi's core values.

iii. **Organization and Administration**

The responsibility of the organizer was to coordinate with the speaker a good time for the event and inform the rest of the chapter of the details. The responsibility of the speaker was to adequately prepare for the event via a presentation and come ready to answer any questions from the public. The activity went as intended with no minor or major setbacks.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

No special problems encountered

vii. **Overall Evaluation**

a. The overall impact of the workshop was overwhelming positive as 24 individuals benefited in honing various soft skills. LinkedIn being an online social media platform, general ideas and concepts about online networking were promoted. Some attendees didn't have a LinkedIn profile or just didn't have one fully crafted so general tips and tricks of how to use the platform were also shared. Subsequently, personal branding was another big topic which many of the attendees were not aware of the concept. For future installments, multiple workshops covering the same addressed topics or even different ones can be done in full depth per topic.

3. **Additional Attachments**

Figure 1: Social media promo for the activity

LINKEDIN WORKSHOP



DATE
SEPTEMBER 26, 2023



TIME
6:30PM TO 8:30PM

**JOIN US
VIRTUALLY**



**SPEAKER
LEMUEL RIOS**

4 Resume Review Workshop

Puerto Rico Alpha

1. Project Information

- i. Date(s): 09/26/23 - 10/03/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	12

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

The second event of the semester was a resume review session for tau beta pi candidates. While the main coordinator of the activity was the chapter's VP, half of the chapter directive partook in this endeavor by providing their time and expertise reviewing candidate resumes. The idea for the event occurred naturally as our school's career fair was right around the corner. The event was done in an online format so more people could be able to attend. To participate in this event, interested individuals filled up an online form in which they filled out their basic information, reserved their 15-minute time slot and uploaded their resume. In these 15 minutes time slots attendees had a one-on-one session with one of the three individuals who said yes to donating their time to review participants resumes.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This online event represents our chapter's commitment of providing opportunities to foster the holistic growth to the engineering student community. By offering this personalized one-on-one resume critiques, it empowers provides the participants with that sometimes-needed personalized feedback necessary to craft an impactful resume able to stand out in the highly competitive engineering job market. The event not only resonates with our dedication to of fostering individual excellence, it also serves the broader goal of enhancing the reputation and preparedness

of future engineering's by promoting and cultivating continuous improvement and professional readiness. By providing this personalized support through this event, we are reinforcing the values of fellowship, service, and excellence that are at the core of Tau Beta Pi organization.

iii. **Organization and Administration**

The main responsibility of the organizer was to coordinate with the other resume reviewers a common time and developing final online logistics that worked best for us and the participants. Once started the event started, everything went as intended with major setbacks. Some participants did not receive show up so that gave extra time to some lucky individuals who got an extra 15 minutes to their one-on-one.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

No problems encountered

vii. **Overall Evaluation**

The overall impact of the resume review was overwhelming positive as a dozen students benefited in from the personalized advice given. The reviewers have all had previous leadership and professional experiences which aided them when giving their professional opinion to the participants. Since most of the participants were junior or senior students, the reviews focused on very specific points or niche talking points relevant to each individual resume.

3. **Additional Attachments**

Figure 2: Social media promo for the activity

**PUERTO RICO
TAU BETA PI
THE ENGINEERING HONOR SOCIETY
ALPHA**

RESUME WORKSHOP

LET'S GO OVER YOUR RESUME
BEFORE THE JOB FAIR

DATE
OCTOBER 3, 2023

TIME
5:00PM TO 7:00PM

**JOIN US
VIRTUALLY**

SIGN UP HERE!

5 Project Charter Workshop

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/07/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	21

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

2. Project Evaluation

- i. **General Description**

The workshop, given by a fellow student, explained what is a Project Charter, why it is important and how we construct it.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity help to develop our community, including our members and electees, by giving them the tools to effectively communicate with other engineers. Topics like project charters and other concepts are not explained in our courses yet it is fundamental to our work.
- iii. **Organization and Administration**

The organization was led by a group of electees as part of their initiation process. They brainstormed the topics and executed their plan.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The virtual workshop impacted 27 persons during 1 hour. Agenda: definition, components, importance, example.

This workshop could have been improved if it was part of a series of workshop that complement each other.

6 Project Charter Workshop

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/07/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Students	3
Members	3
Electees	21

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

2. Project Evaluation

- i. **General Description**

The workshop, given by a fellow student, explained what is a Project Charter, why it is important and how we construct it.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity help to develop our community, including our members and electees, by giving them the tools to effectively communicate with other engineers. Topics like project charters and other concepts are not explained in our courses yet it is fundamental to our work.
- iii. **Organization and Administration**

The organization was led by a group of electees as part of their initiation process. They brainstormed the topics and executed their plan.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The virtual workshop impacted 27 persons during 1 hour. Agenda: definition, components, importance, example.

This workshop could have been improved if it was part of a series of workshop that complement each other.

3. **Additional Attachments**

Figure 3: Meeting photo

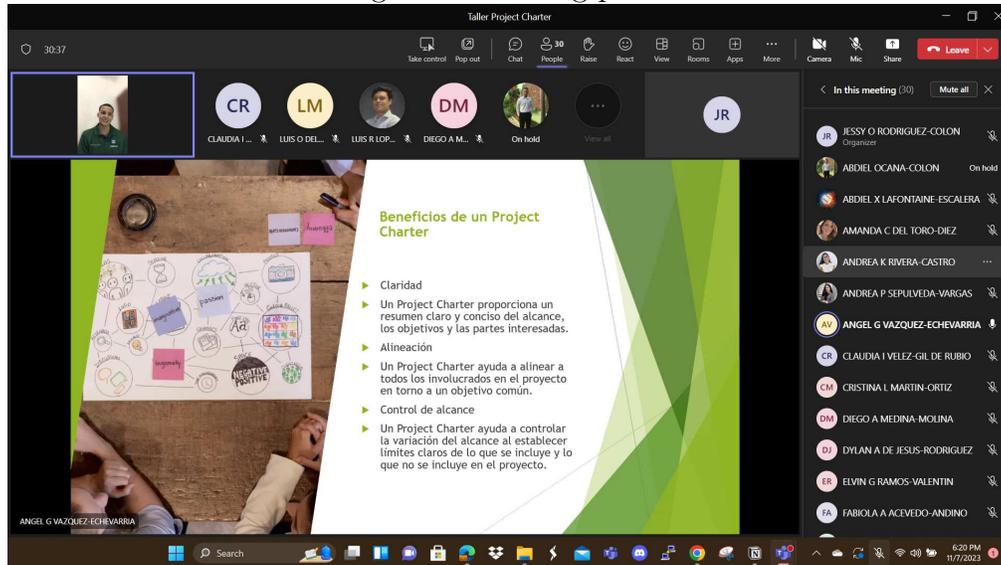


Figure 4: Promotion

**PROJECT CHARTER
WORKSHOP**

What is a Project Charter? How is it important? How are they done?

**LEARN MORE WITH THE
TAU BETA PI!**

7 NOVEMBER, 2023

6 PM

ÁNGEL G VÁZQUEZ
ECHEVARRÍA, PMSA MEMBER

REGISTER HERE!



○ ○ ○ ○

7 Mock Interviews

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/14/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	8
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

2. Project Evaluation

i. General Description

Mock Interviews were held by reservation. Prior to the event, a reservation form was sent with the activity's promotional poster. The 3 registered participants were assigned to 3 of the 5 team members and were given a 30-minute mock interview. The other 2 team members helped with planning, promoting, and logistics of the activity before and during the event (10:30am-12pm of 14 NOV).

During each mock interview, participants were given 1-2 common interview questions, emulating a real-life interview environment. We provided information about the STAR answering method (Situation, Task, Action, Result), and promoted its usage during the interview. Feedback was also given to ensure the improvement of participants' interview skills and overall professional development.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Regarding the Tau Beta Pi - Puerto Rico Alpha Mission, this project ties into the "Professional Development" Project Area. By providing interview tips, tricks, and practice, members of our organization and other members of the community are fortifying their interpersonal skills in a professional environment.

iii. **Organization and Administration**

rganization was divided into several categories: Planning, Advertising, Interviewing, and Logistics.

Each team member worked on what they could as they became available, with other team members covering for those who couldn't work on certain tasks at certain times. Those who excused themselves at one point made up for lost work by covering later responsibilities.

PRE EVENT: The whole team contributed ideas and pre-event plans. Diego Medina took care of preparations, such as creating registration forms and Microsoft Teams meetings (Planning). Andrea Sepulveda worked mainly on the promotional flyer, including all information and design (Advertising). Alex Demel and Karelys Perez contributed to the conception of the event and ironed out the main idea we ended up using (Planning).

EVENT: Interviews were carried out by Diego, Alex, and Francisco Roman (Interviewing), while Diego and Andrea ensured the event ran without a hitch by ensuring the Teams Meeting wasn't ended abruptly and by using breakout rooms appropriately (Logistics).

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

Whilst approaching the event, we were receiving little to no registrations for the event. To resolve this, more promotional flyers were sent to hopefully (and later successfully) obtain more outreach.

vii. **Overall Evaluation**

For each participant, the activity was a success. Interviews were carried out successfully and the interviewees left with a better understanding of the STAR method and a better idea of how to conduct themselves during a real-life interview. The only thing that could've yielded a better result would've been more participation, which can easily be resolved with more (and better-timed) advertisements of the event.

3. **Additional Attachments**

Figure 5: Photos

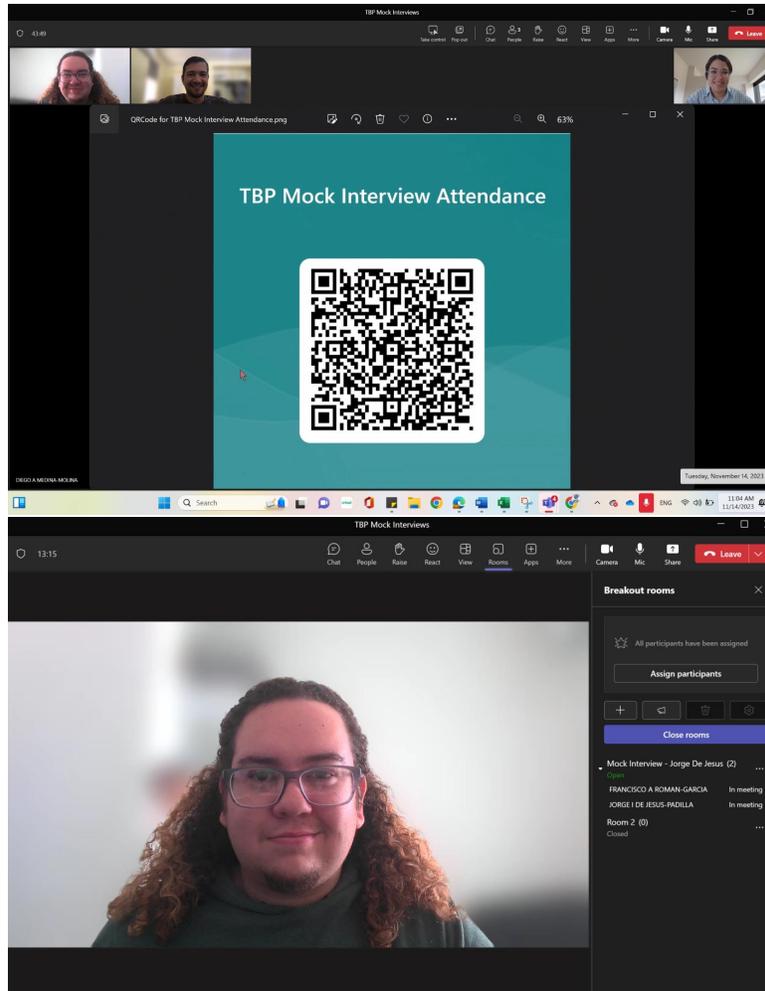


Figure 6: Promo



8 Engineering Info-Session

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/07/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Students	30
Members	1
Electees	3

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

Our group decided on an educational activity focused on engineering. Therefore, we decided to go with the Engineering Info-Session to bring the engineering world to high-school students. I came up with the idea and also offered to do the activity at my former high school considering it was close to campus. As expected I had contact information of the sub-director and secretary so I contacted them and they were glad to hear from me. In the end, many students were pleased with the meeting and I was honored to give something in return to my old school.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Tau Beta Pi's mission is to provide leadership and development skills to the engineering community and what better way to expand the community by exposing new students to the discipline. We wanted to show high school students the challenges we face and the many leadership opportunities that engineering provides.

iii. Organization and Administration

Dylan was responsible of contacting the high school and providing them information about our activity so they could set us up with an audience. Paola took the task of setting up the template of our presentation. We all filled the visual presentation with our information and

we all spoke at the info-session. Our team leader spoke about mechanical engineering, Paola and Elvin spoke about Industrial Engineering and I introduced the students into the field of Software Engineering.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

Overall, the project had no cost requirements, it was a purely professional activity. Fortunately, we had enough students to cover the available time slot for our info-session and to deliver a satisfying presentation.

vi. **Special Problems Encountered**

There were not any unexpected problems. We did expect a little more participation from our members, but besides that everything when according to plan.

vii. **Overall Evaluation**

I think the activity was very successful. A couple of students participated in our session and they were actively asking us important questions. The schools' secretary and sub-director were very satisfied with our presence and would gladly have us again at any time in the future. I believe the students were provided with a solid base of what engineering is, therefore we accomplished our goal to provide the professional activity. The only thing I would do differently, if a longer time slot were available, is to make the activity more dynamic like dividing the audience in groups with each engineer, giving the students the chance to speak with the engineer of their choice.

3. **Additional Attachments**

Figure 7:

Fotos Engineering Info-Session



9 Networking Night & Student Panel

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/06/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	7
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

The activity consisted of a presentation by candidates of the purple group sharing experiences and advice relating to COOPs which is then followed by a networking session with a Pratt And Whitney recruiter. The planning was mostly done through the purple group group chat as some candidates are not on the island or too far away during their COOPs, most participants chose their own roles or tasks depending on the situation to make the activity possible.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This activity served as an opportunity for students to become more acquainted with COOPs which are very important for aspiring engineering students. The aim of both this activity and COOPs is to help the participants grow professionally.

iii. Organization and Administration

Each candidate worked on their slide for the presentation and presented during the activity. Sarah Marte led the project by providing the idea and bringing the recruiter, Ninoshka Ramos set up the presentation, Yadián Hernandez worked on the flyer/announcement for the activity as well as led the in-person presentation during the activity, and I reserved the location where the activity took place in person.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

We didn't get many in-person participants but those that did had the opportunity to have a long talk with the recruiter and hand in their resumes and we also had a longer talk with them after the teams meeting had concluded. We reached our goals of providing more information on COOPs and how students can go about finding their own opportunities.

3. **Additional Attachments**

Figure 8:



Figure 9:



10 Game Night

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/15/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	14

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

We chose to do a game night as our social activity event, held at the RUM student center on Wednesday, November 15, 2023. All candidates and chapter members were invited to socialize and take a pleasant break from academic work. In advance, the expected attendance for the activity was taken into consideration, a promotion alluding to the event was prepared and permission was requested to hold the event in the agreed location. The team brought various board games and the chapter sponsored pizza for everyone present. The activity lasted around 2 hours and ran without any major issues.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

In the activity, attendees had the opportunity to share their experiences that contributed to their professional and academic development, learning about how different students develop their university life and have had job opportunities as engineers.

iii. Organization and Administration

The project was planned and directed by a group of TBP candidates, known as the “blue group”. Regarding the planning phase, the intention was to include all team members in it, so that they would be involved in the process and make it more pleasant to work with. One team member created the promotion and maintained the general direction of the group, another member

helped with booking the place for the event and taking care of necessary permits, another member helped transporting pizza to the event, and the other members contributed ideas and brought board games used in the activity. The activity followed the original plan since there were no unforeseen events.

iv. **Total Cost**

\$48.0

v. **Cost Breakdown**

Pizza: \$48.04

TBP-PRA already reimbursed the student that was in charge of buying the pizza.

vi. **Special Problems Encountered**

Everything went as planned and there were no unforeseen issues or situations that affected the flow of the project.

vii. **Overall Evaluation**

The project was a great benefit to the community of candidates, who were most of the population that attended the event. The social activity allowed present members and candidates to connect, socialize and share experiences that, at the same time, contribute to the development of the members and enhance the values of the chapter. Perhaps the activity would have been more enjoyable if the activities and games had been focused on making people share experience, but at the end, the objective of a social activity of this type was met. Furthermore, the quality of the activity would have been improved if the population of members in the activity had been increased, networking would have been more productive

11 Game Night

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/02/23 - 11/15/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	14

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

We chose to do a game night as our social activity event, held at the RUM student center on Wednesday, November 15, 2023. All candidates and chapter members were invited to socialize and take a pleasant break from academic work. In advance, the expected attendance for the activity was taken into consideration, a promotion alluding to the event was prepared and permission was requested to hold the event in the agreed location. The team brought various board games and the chapter sponsored pizza for everyone present. The activity lasted around 2 hours and ran without any major issues.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

In the activity, attendees had the opportunity to share their experiences that contributed to their professional and academic development, learning about how different students develop their university life and have had job opportunities as engineers.

iii. Organization and Administration

The project was planned and directed by a group of TBP candidates, known as the “blue group”. Regarding the planning phase, the intention was to include all team members in it, so that they would be involved in the process and make it more pleasant to work with. One team member created the promotion and maintained the general direction of the group, another member

helped with booking the place for the event and taking care of necessary permits, another member helped transporting pizza to the event, and the other members contributed ideas and brought board games used in the activity. The activity followed the original plan since there were no unforeseen events.

iv. **Total Cost**

\$48.0

v. **Cost Breakdown**

Pizza: \$48.04

TBP-PRA already reimbursed the student that was in charge of buying the pizza.

vi. **Special Problems Encountered**

Everything went as planned and there were no unforeseen issues or situations that affected the flow of the project.

vii. **Overall Evaluation**

The project was a great benefit to the community of candidates, who were most of the population that attended the event. The social activity allowed present members and candidates to connect, socialize and share experiences that, at the same time, contribute to the development of the members and enhance the values of the chapter. Perhaps the activity would have been more enjoyable if the activities and games had been focused on making people share experience, but at the end, the objective of a social activity of this type was met. Furthermore, the quality of the activity would have been improved if the population of members in the activity had been increased, networking would have been more productive

3. **Additional Attachments**

Figure 10:

Tau Beta Pi

GAME NIGHT

¡ Ven a disfrutar y liberar el estrés de tus clases !

15-NOV

7PM

CENTRO DE ESTUDIANTES

¡ Tendremos pizza !

Figure 11:



12 Leadership Conference

Puerto Rico Alpha

1. Project Information

- i. Date(s): 10/03/23 - 10/10/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

Category	Count
Members	3
Electees	23

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

The final event previous to our school's career fair was the Leadership Conference. The Tau Beta Pi's VP reached out to Luis Rosado, a senior mechanical engineering student with multiple professional experiences and the previous president of UPRM's ASME student chapter. After pitching the idea Luis agreed and coordinated the date and time of the activity. It was agreed that the activity was to be done remotely after 6pm as Luis lives about an hour away from campus. The talk consisted of a brief summary of Luis' experiences and qualifications, general leadership theory and practical advice based on his experiences. At the end of the event, an informal Q&A session took place in which participants asked the speaker various questions on how to start their leadership journey. The biggest highlight of this event was Luis clear cut explanation between leadership positions and management positions thanks to his vast experience.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This leadership event represents our chapter's commitment of providing opportunities to foster leadership skills to the engineering student community. This talk aimed to provide our members with insights with, strategies and inspiration to hone their leadership skills or start their leadership journey. This directly aligns with the Tau Beta Pi mission of nurturing well rounded engineering's by promoting leadership qualities and encouraging members to have an active participation in leadership roles as they are crucial in the success of the engineering profession.

iii. **Organization and Administration**

The main responsibility of the organizer was to coordinate with the guest speaker a good time for the event and inform the rest of the chapter of the details. The responsibility of the speaker was to adequately prepare for the event via a presentation and come ready to answer any questions from the public. The activity went as intended with no minor or major setbacks.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

No problems encountered

vii. **Overall Evaluation**

The overall impact of this leadership talk was extremely beneficial as 25 students attended to this phenomenal learning opportunity to people new to leadership topics. This event represents our chapter's commitment to providing future engineers strong leadership skills. It underscores the chapter's and organizations mission of providing our members with opportunities to learn from established leaders. For future iterations of similar events, having the same type of event with different guest speakers would be beneficial. Other ideas include doing a leadership bootcamp or a panel from a variety of students of various engineering disciplines to share their leadership experiences.

3. **Additional Attachments**

Figure 12: Social media promo for the activity



13 Color Spirit/Bent Hunt

Puerto Rico Alpha

1. Project Information

- i. Date(s): 01/16/24 - 02/29/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	25

- v. Average number of hours per person spent:

Participating	Organizing
6.0	2.0

2. Project Evaluation

i. General Description

Our chapter's traditional color spirit / bent hunt is the chapters first big semester activity, and our flagship activity of the semester. In this event candidates get to know people in their assigned groups to get to know them and get to know the directive in a more personal way. Bents were scattered beforehand throughout the whole campus so that the candidates could search for them in the "Bent Hunt" (scavenger hunt). Candidates had the opportunity to network with other candidates, get to know the organization, the chapter and have fun all at the same time. Food and beverages were provided.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event is a way for the candidates to get to know more about the organization and the chapter in a fun and interactive way.

iii. Organization and Administration

In the nearly 2 month effort all directive members and even some candidates aided in all logistical aspects of the activity.

iv. Total Cost

\$50.0

v. **Cost Breakdown**

The invested money was used to buy food and beverages for participating.

vi. **Special Problems Encountered**

The attendance sheet was lost. No other major issues were encountered during this event.

vii. **Overall Evaluation**

As stated, this being the flagship activity of the chapter is one of the most memorable events for all TBP PR Alpha members. Overall, even with minor setbacks the activity was a success and fulfilled its purpose of integrating future new members to the organization.

3. **Additional Attachments**

Figure 13: Color Spirit & Bent Hunt Event Photo



14 Introduction to Sustainability and Sustainability Engineering 1 Day Primer

Puerto Rico Alpha

1. Project Information

- i. Date(s): 01/16/24 - 03/16/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Other	20
Members	1
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
4.0	6.0

2. Project Evaluation

i. General Description

This event was in collaboration with the recently formed sustainability focused student organization “Institute of Sustainable Engineering” (ISE). The bootcamp consisted of an all day event consisting of various introductory mini courses covering the basics of sustainability topics. The workshop was provided by Dr. Ivan Baiges Valentin, an TBP member and distinguished engineering professor in UPRM.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

In recent years, lots of Fortune 500 companies have announced their intentions of shifting their business strategies and focus to becoming more sustainable and carbon neutral. Having stated this, to achieve these goals companies need to recruit top talent with some sort of background in sustainable and sustainable engineering knowledge. This is where the “Institute of Sustainable Engineering” (ISE) comes into the picture where their goal is to promote the engineering discipline of the 21st century. Knowing the monumental importance of co-existing with the planet, this was the main reason for the chapter to decided to collaborate with the organization as we believed that part of engineering excellence is using our platforms and voice so that we could

reach a greater audience and start the spreading the news about the engineering discipline of the 21st century.

iii. **Organization and Administration**

The event was organized and carried out by the collaborating organization. Our chapter only promoted the event in our social media platforms and donated the requested funds which were utilized to buy food and beverages for the event.

iv. **In Conjunction With**

Institute of Sustainable Engineering (ISE)

v. **Total Cost**

\$100.0

vi. **Cost Breakdown**

The donated funds were used to buy food and beverages for the activity.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The successful actiity in conjunction with the Institute of Sustainable Engineering (ISE) on the sustainability bootcamp effectively promoted sustainability and 21st-century engineering disciplines, engaging over 20+ participants with the mini-courses by Dr. Ivan Baiges Valentin. This project met its goals by fostering a new branch of knowledge sharing and aligning with corporate trends towards sustainability. To enhance future events, our chapter could increase its involvement in organization and execution, expand promotional efforts beyond social media, and incorporate feedback mechanisms. These improvements would attract a larger audience and refine our approach, building on this successful initiative to further advance sustainable engineering practices.

3. Additional Attachments

Figure 14: Intro to Sustainability and Sustainability Engineering 1 Day Primer Promo

INTRODUCTION TO SUSTAINABILITY AND SUSTAINABILITY ENGINEERING 1 DAY PRIMER

isOS
ingeniería de sostenibilidad
recinto universitario mayagüez

MARCH 16TH 2024

9AM - 3:30 PM

STEFANI 216 RUM

INVITADO:

IVAN BAIJES
PH.D., P.E.

TAU BETA PI
THE ENGINEERING HONOR SOCIETY
PUERTO RICO ALPHA • 1969

RECINTO UNIVERSITARIO DE MAYAGÜEZ
UNIVERSIDAD DE PUERTO RICO
CAAM

INSTITUTE OF SUSTAINABLE ENGINEERING
• AWARENESS, DESIGN, AND ACTION •

15 Public Speaking 101

Puerto Rico Alpha

1. Project Information

- i. Date(s): 02/01/24 - 02/15/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

- i. **General Description**

An in-person introductory public speaking workshop provided by the well known IE student, Lemuel Rios, who is know for his excellent professionalism. The activity was in the works around two weeks, a classroom was booked and it was held successfully on the established date.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity is tied to the TBP organization as it is way for us to provide the college community with a one of kind professional development event. Through this event, we are showcasing the organizations leadership by example and the college community know our presence in this first activity of the semester.
- iii. **Organization and Administration**

This project was led by myself, Gaddiel Gonzalez Mejias, Activities VP. I took charge of reaching out to all the key people, looking for the classroom, and directing the social media campaign. The social media artwork and carrying out the campaign was performed by our chapters Social Media Manager.
- iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

In terms of financials, there were no monetary costs associated with the activity. While participation was below average, it served its purpose and was carried out.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

As mentioned, while participation was lower than expected, it was carried out successfully. There were no major issues or problems associated with the activity. Attendees remarked on the speakers' ability to clearly present and articulate the major ideas and themes. Overall, it was a great way to start the semester.

3. **Additional Attachments**

Figure 15: QR Code For Public Speaking



16 Pathway to Success

Puerto Rico Alpha

1. Project Information

- i. Date(s): 02/01/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Electees	21

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.5

2. Project Evaluation

i. General Description

The second activity of the semester was also by the exceptional IE student Lemuel Rios. This online activity focused on his professional journey and sharing his tips and findings along the way. The overall planning of the activity was done in conjunction with the Public Speaking 101.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This activity showcases the chapters commitment of thinking outside the box by provvideng the students a unique, before done talk of how tips and tricks on how to choose your next professional opportunities. It showcases to the college community that our schools chapter will provide relevant activities related to the goals of the organization in new ways.

iii. Organization and Administration

This project was led by myself, Gaddiel Gonzalez Mejias, Activities VP. I took charge of reaching out to all the key people, looking for the classroom, and directing the social media campaign. The social media artwork and carrying out the campaign was performed by our chapters Social Media Manager.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

In terms of financials, there were no monetary costs associated with the activity. While participation was below average, it served its purpose and was carried out.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The online format of the event proved to be fruitful as 20+ people joined to witness Lemuel talk. There no major issues or problems associated with the activity. Attendees remarked that it was a memorable event as the speaker shared his findings through his personal journey, sharing useful helpful tips and tricks in how to choose your next professional endeavor.

3. **Additional Attachments**

Figure 16:



17 1-on-1 Resume Review

Puerto Rico Alpha

1. Project Information

- i. Date(s): 02/07/24 - 02/20/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
2.0	0.5

2. Project Evaluation

i. General Description

The third event of this semester was an online resume review session for tau beta pi candidates. While the main coordinator of the activity was myself, the chapter's VP, half two other chapter directive partook in reviewing resumes by providing their time and expertise reviewing candidate resumes. To participate in this event, interested individuals filled up an online form in which they filled out their basic information, reserving their 15-minute time slot and uploaded their resume. In these 15 minutes time slots attendees had a one-on-one session with one of the three individuals who said yes to donating their time to review participants resumes.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This online event represents our chapter's commitment of providing opportunities to foster growth to the engineering student community. By offering this personalized resume critiques, it provided the participants with personalized feedback necessary to craft an impactful resume able to stand out in the job market. The event was an opportunity fostering individual excellence. By providing this personalized support through this event, we are reinforcing the values of fellowship, service, and excellence that are at the core of Tau Beta Pi organization.

iii. Organization and Administration

The main responsibility of the organizer was to coordinate with the other resume reviewers a common time and developing final online logistics that worked best for us and the participants. Once the event started, everything went as intended with no major setbacks.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

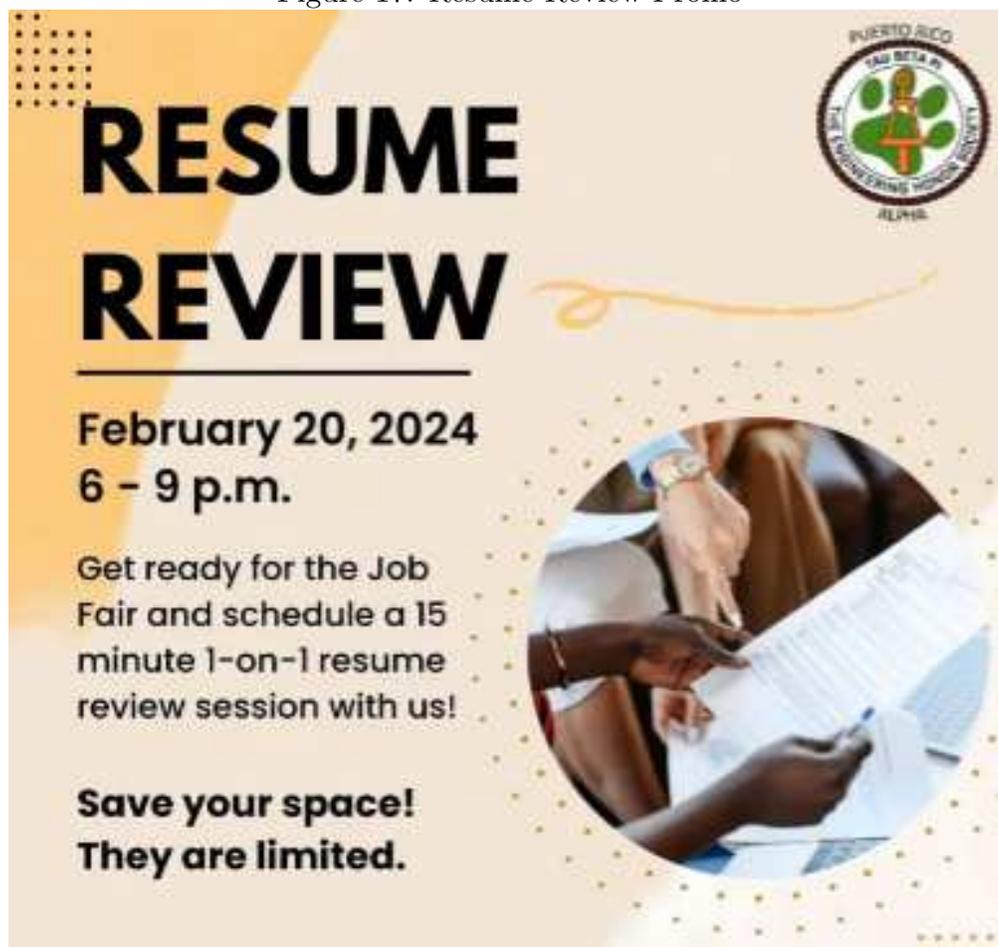
N/A

vii. **Overall Evaluation**

The impact was positive as these 6 individuals benefited from the personalized advice. The reviewers previous experience aided in giving their professional opinion, making this activity a successful one.

3. **Additional Attachments**

Figure 17: Resume Review Promo



18 Canva 101

Puerto Rico Alpha

1. Project Information

- i. Date(s): 02/23/24 - 03/06/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	20

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

An introductory workshop on how to use the design platform of Canva for academic responsibilities (projects, ppts, etc.). The speaker was contacted two weeks in advance and gave the workshop in an online format.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The TBP PR Alpha is committed with providing the college community with unique workshops to aid and enrich the students. By providing this workshop, we are providing the opportunity for students to learn a new tool which they can use on their day to day lives.

iii. Organization and Administration

This project was led by myself, Gaddiel Gonzalez, Activities VP. I took charge of reaching out to all the key people, looking for the classroom, and directing the social media campaign. The social media artwork and carrying out the campaign was performed by our chapters Social Media Manager.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

In terms of financials, there were no monetary costs associated with the activity. While participation met expectations, serving its purpose and carried out successfully.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

By providing this workshop, the chapter thought outside the box by providing students a unique opportunity to learn a new digital tool for everyday use.

3. **Additional Attachments**

Figure 18: Canva 101 Promo



19 Donation Run to Children’s Home

Puerto Rico Alpha

1. Project Information

- i. Date(s): 02/23/24 - 03/06/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Other	15
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
6.0	4.0

2. Project Evaluation

i. General Description

The group decided to do a donation run to the local children’s home of “Hogar Albergue de Niños Jesús de Nazaret”. First, it was identified which cause to contribute towards. Then, promotional material was made and spread through social media campaigns and university communication channels. Donations were either of a monetary nature or collected in-person. The monetary donations were used to buy essential items such as personal hygiene items, cleaning supplies, first aid items, among others.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Through this event, the chapter has demonstrated their commitment of keeping in mind the local community, representing one of the core values of the TBP organization of leadership by example and being exceptional individuals.

iii. Organization and Administration

The idea came about wanting to give back to the community. Previous engagement with the organization has been done with other organizations so contacts and logistical efforts were passed down by previous organizers. A final donation date was established and a collection center was also established.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Through the effective efforts of spreading word of the event, the total monetary donations summed up \$300. With these outcomes, we were able to buy 66 individual items of the previously mentioned nature (first-aid, cleaning supplies, hygiene, etc.). The success of this activity is a testament to the chapters commitment of being in touch with and helping the local community. The results of this event will no doubt positively impact the lives of many children who benefit from the organization.

3. **Additional Attachments**

20 Pizza Sale & Pi Trivia

Puerto Rico Alpha

1. Project Information

- i. Date(s): 03/01/24 - 03/14/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Other	64
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	3.0

2. Project Evaluation

i. General Description

A pizza sale event with pi trivia for both the TBP members/candidates and the general college community. Pizzas were ordered before hand and were picked up at around 10am of the day of the event. Trivia related to the constant of PI was researched before hand to be asked to people who bought the pizza and passerby.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The pizza sale was done to raise funds for the chapter to carry out other chapter activities. The Pi trivia facts are directly correlated to the organization's commitment to the engineering world.

iii. Organization and Administration

The event was organized and executed by the chapter directive members. The event was carried out in our school's engineering building lobby. After the event was concluded, the provided area by the engineering department was cleaned accordingly.

iv. Total Cost

\$170.0

v. **Cost Breakdown**

The total invested funds were utilized in buying the pizza and beverages. A total of 64 people bought pizza and nearly half participated in the trivia. After totalling all the sales, a profit of nearly \$200 was reached.

vi. **Special Problems Encountered**

Members and electees were not recorded.

vii. **Overall Evaluation**

This being the first and only fund raising activity that the chapter did it was carried out successfully. The PI trivia is a testament of our chapter's commitment of continuing the organization's tradition of celebrating Pi day in different ways. The profits obtained from the event will be used for future events.

3. **Additional Attachments**

Figure 20: Pizza Sale & Day Trivia Promo

**JOIN US ON PI DAY
FOR A PIZZA SALE!
...AND PI TRIVIA!**

INDIVIDUAL:
Cheese \$2.00
Pepperoni \$2.50
Meat Lovers \$3.00

COMBOS:
Cheese + Drink \$3.00
Pepperoni + Drink \$3.50
Meat Lovers + Drink \$4.00
2 Cheese + Drink \$5.00
2 Pepperoni + Drink \$5.50
2 Meat Lovers + Drink \$6.00

**DATE: 3.14.24
HORA UNIVERSAL
STEFANI LOBBY**

PUERTO RICO
TAU BETA PI
THE ENGINEERING HONOR SOCIETY
ALPHA

21 Trivia Night

Puerto Rico Alpha

1. Project Information

- i. Date(s): 03/22/24 - 04/03/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
3.0	2.0

2. Project Evaluation

i. General Description

The group was assigned to organize and execute a social event for the TBP UPRM chapter. After meeting with the group members it was decided to host a trivia night at a local establishment. Once the place was contacted and everything was set up we made the promotional material and hosted the event. The participants were grouped up in teams of two and answered a series of trivia ranging difficulty and topics.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Part of the goals of the TBP is promoting “lifelong alumnus member involvement” which this social event falls under. Through this event the group was able to promote and foster a sense a community among the participants, giving participants the opportunity meet other members in an informal manner.

iii. Organization and Administration

One of the team members was tasked of contacting the selected location. Another was tasked of doing the promotion. Another was tasked of developing the trivia presentation and supplementary Kahoot. Even though some members focused in some aspects, everybody pitched in brainstorming phase, organization, and execution of the activity.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The event was carried out successfully without any major setbacks. All participants expressed how pleased and joyful the event was.

3. **Additional Attachments**

Figure 21: Trivia Night



22 Beach Clean Up

Puerto Rico Alpha

1. Project Information

- i. Date(s): 03/27/24 - 04/13/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

Our group was tasked with providing an event that supported/benefited the community, and one of the pillars of the Puerto Rican community has always been the public beaches where every islander can enjoy the relaxing environment. One beach in particular, known as Balneario, is a local beach that many of the local 'colegiales' enjoy where they can hang out at bars with friends or rest in the sand during their breaks from school life. In order to keep this cornerstone of the UPRM community healthy and clean, our group decided to organize a beach cleaning to preserve the nature of the area as well as ensure the well-being of this local hang out spot for many college students. To do this, the task was divided into three parts, the organization of the logistics for materials, the planning and local scoping of area to clean, and the outreach to bring more hands to increase the impact from the event. With the equal division of labor, the team was able to move swiftly and successfully run the event, upholding the preservation of Balneario for everyone to be able to enjoy in the future.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Tau Beta Pi has always held high the idea of community not only in their mission to create a network for members to be able to meet peers of their high academic caliber, but also using the extraordinary skills of its members to contribute and improve their local communities

through outreach events and projects. These events not only push both members and candidates to meet new people both inside and outside the network, but also build bonds and skills of teamwork to execute a successful event and adapt to any unexpected circumstances without fear.

iii. **Organization and Administration**

The task was broken down into three parts, one was the event logistics and documentation who worked on the organization of equipment, people, and outreach resources, where the next part was promotional designs tasked with the creation of outreach promo material such as flyers and QR forms, where all the work is then passed to the on the ground lead to run the event as the head with the resources of both materials and members that the other two members collected.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

All resources were donated and costs were kept minimal

vi. **Special Problems Encountered**

For community events, keep it inside Mayaguez to possibly increase attendance of the event, as the event being early in another pueblo may have been an under sight.

vii. **Overall Evaluation**

The objective of cleaning the local beach was a success, as the members of the team took it upon themselves to complete the task as not many members came from outside the group. The plan was followed as best as the circumstances would allow, we came with the goal of providing an event where the candidates and members can help keep the community clean and healthy while also making friends with their colleagues as the event carried on. The attendance from people outside the event planning group was underwhelming to say the least, but the goal was still achieved with those that did attend.

3. **Additional Attachments**

Figure 22: Beach CleanUp Promo

