

**Tau Beta Pi**  
The Engineering Honor Society

---

# NEW YORK OMICRON PROJECT REPORTS

---

2023-2024 Academic Year



This semester, our primary goal was to consistently increase event attendance and member engagement. Overall, we found that by reducing the number of events we had per semester to the range of 8-9, we were able to take our event attendance from a meager few (1-2 students on average) to a moderate crowd (11-12). We also expanded the scope of our events, participating in more large-scale collaborations outside of the College of Engineering and Applied Sciences. We are proud as a chapter to share Tau Beta Pi spirit and ideas with our Stony Brook University campus community and are grateful for the memories we made as Tau Bates.

# Contents

|    |                                |    |
|----|--------------------------------|----|
| 1  | CEAS Eboard Social             | 3  |
| 2  | Speed Friending                | 5  |
| 3  | Study Session I                | 7  |
| 4  | Trebuchet Building             | 9  |
| 5  | Engineering Quiz Night         | 11 |
| 6  | Study Session II               | 12 |
| 7  | Hallo-STEAM                    | 14 |
| 8  | Tau Talks w/ Dr. Schwartz      | 17 |
| 9  | Study Session III              | 19 |
| 10 | RC Car Event                   | 20 |
| 11 | Brick Building Bonanza         | 22 |
| 12 | Pi Plants and Paints Night F23 | 25 |
| 13 | Study Session IV               | 29 |
| 14 | Study Session V                | 31 |
| 15 | CS Jeopardy                    | 33 |
| 16 | Engineering in the Kitchen     | 35 |
| 17 | Pre-Career Fair                | 38 |
| 18 | SBUHacks Engineering Quiz      | 40 |
| 19 | Study Session                  | 42 |
| 20 | FE/PE InfoSession              | 44 |
| 21 | CS Jeopardy                    | 46 |
| 22 | Crane-a-thon                   | 48 |
| 23 | Open House I                   | 50 |
| 24 | Open House II                  | 52 |
| 25 | IP Law Panel                   | 54 |

**26 Study Session II . . . . . 57**  
**27 NGC Info Session . . . . . 59**  
**28 Engineering Ball . . . . . 61**

# 1 CEAS Eboard Social

## New York Omicron

### 1. Project Information

- i. Date(s): 09/01/23
- 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 |
|--------------|-------|
| TBP Officers | 2     |
| Non-Members  | 48    |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 2.0        |

### 2. Project Evaluation

- i. **General Description**

This event provided an opportunity for eboard members of engineering organizations on campus to meet, socialize, and network.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was designed to create collaboration opportunities among the engineering clubs on campus. Ultimately, this would improve visibility of Tau Beta Pi on campus and allow us to host larger and more successful event for our members.
- iii. **Organization and Administration**

Due to a large amount of organizations being involved on this event, planning was relatively simple, with all planning meetings and involvement being handled by the Vice President.
- iv. **In Conjunction With**

All CEAS organizations
- v. **Total Cost**

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

Funding was covered by the College of Engineering and Applied Sciences.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The event was largely successful, and overall led to more collaborations this semester. I believe an event of this nature should be held every year in order for new eboards to make connections and feel comfortable with collaborations.

## 2 Speed Friending

### New York Omicron

#### 1. Project Information

- i. Date(s): 09/11/23
- 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 |
|-------------|-------|
| Non-Members | 3     |
| Members     | 5     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 0.1           | 1.0        |

#### 2. Project Evaluation

- i. **General Description**

An event for members and other students interested in Tau Beta Pi to meet one another. Scheduled early in the Fall semester in order to help people get adjusted and potentially meet new people after being off for the summer.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helps build community between members of Tau Beta Pi and helps encourage other students to join if accepted into Tau Beta Pi.
- iii. **Organization and Administration**

This is a very simple event, and the only planning necessary was reserving a room space, making a flier, and advertising. It was all handled by the Vice President.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Higher attendance would have improved the event, which could be achieved by advertising earlier. Overall, the format of the event worked, and people who attended had positive feedback.

# 3 Study Session I

## New York Omicron

### 1. Project Information

- i. Date(s): 09/15/23
- 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  | 2     |
| Electees | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 0.5           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

A night for Tau Beta Pi members to study, do homework, collaborate on group projects, and talk to other TBP members about classes and academics.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event is designed to engage members who have heavy workloads and are typically unable to attend other events. This provides an opportunity for them to engage with the Tau Beta Pi community while still maintaining their academics.
- iii. **Organization and Administration**

Planning and running the event was very straightforward. The President reserved the room and hosted the event, while the PR manager handled advertising.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

There were only two people who showed up, the organizer (TBP President) and one general member. Perhaps it was too early in the semester to hold a study session, which affected member turnout.

vii. **Overall Evaluation**

The event is simple and easy to organize. Doing study sessions later in the semester will probably be more effective than this early.

# 4 Trebuchet Building

## New York Omicron

### 1. Project Information

- i. Date(s): 09/18/23
- 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 |
|-------------|-------|
| Non-Members | 1     |
| Members     | 2     |
| Electees    | 2     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0           | 1.5        |

### 2. Project Evaluation

#### i. General Description

Members and non-members welcome to build functional mini trebuchets (catapults). The trebuchets were prefabricated as custom kits that could be assembled in one hour by following detailed instructions. After building the trebuchets, they could be tested and used in a competition context to launch small projectiles at targets. The students were allowed to keep the trebuchets they built.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

Engineering projects can be used as a way to rally like-minded individuals and inspire imagination and curiosity in students. Students are encouraged to have fun in a social setting while learning hands-on skills.

#### iii. Organization and Administration

Terry Petch, our chapter Corresponding Secretary, spearheaded this event. He designed and prefabricated the kits and was present at the event to facilitate the builders. The event was well-prepared for and went according to plan.

#### iv. Total Cost

\$195.29

v. **Cost Breakdown**

paper clips \$5.99  
popsicle sticks \$26.67  
rubber bands \$12.49  
plywood \$19.99  
ultrasuede \$16.99  
epoxy \$8.55  
thread \$10.79  
epoxy \$29.92  
superglue \$8.04  
masking tape \$11.34  
plastic sheeting \$24.94  
cups \$4.99  
zip locks \$4.59  
wood glue \$10

vi. **Special Problems Encountered**

The relatively low attendance for this event will be addressed in the future by emphasizing collaboration and promotion.

vii. **Overall Evaluation**

Trebuchets are normally considered a rather involved, complex engineering project - certainly too much to cram into a 90 minute session. However, due to the way the kits were prefabricated, these high-performance mini-trebuchets were able to accomplish exactly this for a mere \$10 per kit. Over 20 kits were prefabricated, which will allow this event to be held multiple times in the future. Even though the attendance was relatively low, this event was a success. The feedback was resoundingly positive from the builders and those who got to play with or see the finished trebuchets thought they were very entertaining. NY Omicron plans on hosting this event again in future semesters.

# 5 Engineering Quiz Night

## New York Omicron

### 1. Project Information

- i. Date(s): 09/27/23
- 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 |
|-------------|-------|
| Non-Members | 1     |
| Members     | 1     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.0        |

### 2. Project Evaluation

- i. **General Description**  
For engineering students to destress and play a trivia quiz game to win prizes.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
This event was designed primarily to promote our organization to non-members and challenge members of the CEAS community to go head to head in engineering trivia.
- iii. **Organization and Administration**  
The President handled scheduling the event, advertising, and hosting the trivia competition.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
N/A
- vi. **Special Problems Encountered**  
Only 1 other individual attended this event. Since that was not enough people to play an actual trivia competition with, we closed up the event early.
- vii. **Overall Evaluation**  
We believe this low turnout is due to poor PR efforts. We have addressed our concerns with the PR coordinator.

# 6 Study Session II

## New York Omicron

### 1. Project Information

- i. Date(s): 10/06/23
- 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 |
|-------------|-------|
| Non-Members | 2     |
| Members     | 9     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 0.5           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

A night for Tau Beta Pi members to study, do homework, collaborate on group projects, and talk to other TBP members about classes and academics.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event is designed to engage members who have heavy workloads and are typically unable to attend other events. This provides an opportunity for them to engage with the Tau Beta Pi community while still maintaining their academics.
- iii. **Organization and Administration**

Planning and running the event was very straightforward. The Vice President reserved the room and hosted the event, while the PR manager handled advertising.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

The event is simple and easy to organize, while being effective at reaching otherwise difficult to engage members. Feedback has been positive, which has indicated to us that no drastic modifications are needed.

3. **Additional Attachments**

Figure 1:



# 7 Hallo-STEAM

## New York Omicron

### 1. Project Information

- i. Date(s): 10/27/23
- 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 |
|-------------|-------|
| Non-Members | 18    |
| Members     | 4     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 15.0          | 3.0        |

### 2. Project Evaluation

#### i. General Description

Blending the worlds of art and engineering, the Hallo-STEAM event on October 27 marked a collaboration between various student and campus organizations, aimed at bridging the gap between STEM (Science, Technology, Engineering and Mathematics) and the arts, making technical fields more accessible and engaging for students of all majors. The event featured three unique projects, each designed to showcase the fusion of technology and creativity that can be built by anyone even if they are not “tech-savvy.” The projects included an Interactive Origami Garden, Sensory Music Cloud, and Light-Up Cap. TBP spearheaded the light-up cap design.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

To increase the presence of TBP on campus as well as connect with non-engineering students.

#### iii. Organization and Administration

We led this project with Dr. Chan, an eminent engineer from our chapter, as well as the Origami Club and BMES. Other clubs and orgs also provided teachers and spearheaded the designs. We used Circuit Express controllers to program and create the light-up caps, and different art supplies like glitter, needle and thread, and even markers to design the hat.

iv. **In Conjunction With**

Origami Club, BMES, IEEE, Biomedical Engineering

v. **Total Cost**

\$255.13

vi. **Cost Breakdown**

Most of this money went towards purchasing the circuit boards. Student Engagement and Activities helped pay for this event. President of TBP worked on the collab, created the design on the hat, and led the hat portion of the event.

vii. **Special Problems Encountered**

Since we went through the university, it was a bit nerve-wracking and stressful to ensure that the materials arrived on time. Actually, one of the battery packs for the hat did not arrive by the event date, and we improvised with a different battery pack. Additionally, the attendance collection on the event was subpar. There were at least 10 additional people who attended the event but did not sign in, which is unfortunate.

viii. **Overall Evaluation**

This event was a great success. Our attendees had a lot of fun and were able to learn a lot about STEM and coding, as well as what engineering is in general. We were even featured in our University website in a student spotlight column (attached).

3. **Additional Attachments**

Figure 2: student spotlight for our event

6/5/24, 1:44 PM

Hallo-STEAM Collaboration Brings Art and STEM Together



# News



[SBU News](#) > [Academics](#) > [College of Engineering & Applied Sciences](#) > Hallo-STEAM Collaboration Brings Art and STEM Together

[ACADEMICS](#)   [COLLEGE OF ENGINEERING & APPLIED SCIENCES](#)   [NEWS HIGHLIGHTS](#)   [STEM](#)   [STUDENT AFFAIRS](#)  
[STUDENT SPOTLIGHT](#)   [UNIVERSITY](#)

## Hallo-STEAM Collaboration Brings Art and STEM Together

📅 November 14, 2023   ⌚ 4 min read



<https://news.stonybrook.edu/university/hallo-steam-collaboration-brings-art-and-stem-together/>

1/16

# 8 Tau Talks w/ Dr. Schwartz

## New York Omicron

### 1. Project Information

- i. Date(s): 11/16/23
- 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 |
|--------------|-------|
| TBP Officers | 1     |
| Non-Members  | 3     |
| Members      | 3     |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 4.0           | 1.0        |

### 2. Project Evaluation

#### i. General Description

This is an hour-long Tau Talks event presented by Dr. H. Andrew Schwartz from the Computer Science department. He talked in detail about the work he's done with his graduate students regarding using machine learning and AI to connect with psychology, specifically about understanding the human condition. It was an interactive presentation where audience members were free to ask questions about his work.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

The intent was to provide members with a brief look into what research into AI can entail. Mainly geared towards members interested in machine learning or computing in psychology. This is a potential career path, and it was a great opportunity to see what lies ahead if someone were to choose this path

#### iii. Organization and Administration

Max Huang, treasurer, was in charge with reaching out to Dr. Schwartz about his interest in the event, and he collaborated with Dr. Schwartz to make this go smoothly. A Pi Tau Sigma member was nice enough to come help run the event with Max. The talk went as planned.

There wasn't many issue with setting up the presentation and ample time was given for a more personal QnA session at the end.

iv. **In Conjunction With**

Pi Tau Sigma

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

None

viii. **Overall Evaluation**

This was a good event overall. The people who came were very interested in understanding the human condition through machine learning. Dr. Schwartz received plenty of questions about his work and he seemed to enjoy presenting his work as well. The audience was engaged and there wasn't any issues with the presentation itself. The only comment is that there wasn't as much attendance as expected, but we will work on advertising our events more in the future.

# 9 Study Session III

## New York Omicron

### 1. Project Information

- i. Date(s): 11/20/23
- 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 | 15    |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0           | 1.5        |

### 2. Project Evaluation

- i. **General Description**

Study sessions are open to members who want to come study or do school work in a quiet space.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Study sessions give busy members who would ordinarily have difficulty finding spare time in their schedules an opportunity to participate in TBP events.
- iii. **Organization and Administration**

This event was spearheaded by Terry Petch, our chapter's Corresponding Secretary. He organized this event and was present to run it.
- iv. **Total Cost**

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

No costs for this project.
- vi. **Special Problems Encountered**

No problems.
- vii. **Overall Evaluation**

This event had exceptional attendance. This was expected as it was later in the semester, closer to finals, when members are generally in study-mode.

# 10 RC Car Event

## New York Omicron

### 1. Project Information

- i. Date(s): 11/27/23
- 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  | 9     |
| Electees | 1     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 15.0          | 2.0        |

### 2. Project Evaluation

#### i. General Description

A cross collaboration between the BME Honor Society (AEMB) and TBP that brings both organizations' members to learn how to design an RC car using Arduino coding and a Arduino Uno circuit design that allows Bluetooth enabled bidirectional control, including torque output. Cardboard chassis, battery operated, Arduino Uno mainboard. 2 hour event, 1 hour of introduction and chassis assembly, second hour of coding implementation and RC performance.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of socializing with fellow Tau Bates and other members across Stony Brook to learn other engineering students in campus, the objective to heighten understanding of crossing engineering disciplines of software and computer sciences, and the endeavor to create a remote controlled car from the bottom up from wiring to assembly and ultimately, performance and control wirelessly.

#### iii. Organization and Administration

Novneet Singh of Tau Beta Pi- Organized the event idea conception and hardware assembly of cardboard chassis, motor wheels assembly, and wire soldering. Continued from a previous attempt at the event that had scheduling issues, but was executed during the Fall 2023 semester.

Bought the parts listed presented from AEMB.

Emily Kurumunda and Komala Ingle of Alpha Eta Mu Beta (AEMB)- Software design and Arduino communications and wiring blueprints. Part listing and agreed split financial contribution between TBP and AEMB

iv. **In Conjunction With**

Stony Brook University's BME Honor Society (AEMB)

v. **Total Cost**

\$76.08

vi. **Cost Breakdown**

4x 4 Motor Wheels sets (16 wheels total)- 58.45

Superglue 8.48

Tax- 5.73

Coupon Saving +0.53

TOTAL : 76.08 (split costs between both groups)

Other parts listed and bought on AEMB's end were not reported or specified to TBP's knowledge.

Free Parts acquired:

-Cardboard Chassis

-36 AA Batteries (Novneet had spares)

-4x Motor Wheels (AEMB previous inventory)

-Arduino Uno Kits (Supplied from SBU CEAS Department, borrowed 8x kits)

vii. **Special Problems Encountered**

n/a

viii. **Overall Evaluation**

Event went very smoothly, only issue was that there was not enough scissors for a particular step in wiring. But this only costed a 10 minute delay to the entire 2 hour event. Everyone had understood the assignment and coded without complication. Only other sidetrack was the wiring blueprint was hard to follow as the Arduino Uno mainboard doesn't specify + or - inputs for the directional control wires in regards to torque (but can be easily fixed by altering the code's torque direction by 180 degrees)

# 11 Brick Building Bonanza

## New York Omicron

### 1. Project Information

- i. Date(s): 11/27/23
- 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 |
|-------------|-------|
| Non-Members | 42    |
| Members     | 8     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.0        |

### 2. Project Evaluation

#### i. General Description

This event was a collaboration with seven other organizations on campus where attendees would compete in teams to build a LEGO architecture set without the instructions. Participant teams were given the pieces from the set and the image from on the box. Prizes were given in based on which team replicated the set with the most accuracy.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

The event was designed to promote collaboration skills while providing a fun, social outlet for our members. Due to the events cross-organizational nature, it also provided an opportunity for members to meet members from other clubs and spread awareness of Tau Beta Pi.

#### iii. Organization and Administration

Organizational duties were split among the collaborating clubs, with the Vice President of Tau Beta Pi representing the chapter. Tau Beta Pi's contributions included attending planning meetings, helping determine competition format, and preparing the event.

#### iv. In Conjunction With

v. **Total Cost**

\$280.0

vi. **Cost Breakdown**

Pi Tau Sigma Mechanical Engineering Honor Society, American Society of Civil Engineers, American Institute of Aeronautics and Astronautics, National Society of Black Engineers, Society of Hispanic Professional Engineers, Stony Brook Solar Racing, and Stony Brook Club Swimming

vii. **Special Problems Encountered**

Our organization ended up having our budget request from the College of Engineering and Applied Sciences denied, and were unable to financially contribute to the event. However, other organizations were able to get an extra set approved via funding from the Undergraduate Student Government, and Tau Beta Pi contributed extra with regards to setup and planning to compensate.

viii. **Overall Evaluation**

The event was well-liked and successful. Our members who attended had a good time competing together on a team. It helped better establish Tau Beta Pi's name with the eboard members of the other organizations that were directly involved in this event, and improved collaboration with ASCE moving forward in particular.

3. **Additional Attachments**

Figure 3:



# 12 Pi Plants and Paints Night F23

## New York Omicron

### 1. Project Information

- i. Date(s): 11/29/23
- 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 |
|--------------|-------|
| TBP Officers | 1     |
| Non-Members  | 6     |
| Members      | 16    |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 7.0           | 2.0        |

### 2. Project Evaluation

#### i. General Description

This end-of-the year event was the highlight of our semester and by far one of our highest attendance events. We purchased little ceramic pots and many succulents, then had participants paint the pots. Afterwards, we planted the succulents for them and they had a nice plant to take home with them.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

As one of our main events of the semester, we seek to increase TBP visibility on campus with the Pi Plants and Paints event. When we handed out the plants, we put a small Bent flag in the pot. So, wherever these individuals leave their plants, they will be displaying TBP pride and essentially advertising for us, which is great for community engagement.

#### iii. Organization and Administration

This event was a collaboration with the Stony Brook chapter of American Society for Mechanical Engineers. Megha (President) did most of the planning for this event in collaboration with ASME.

iv. **In Conjunction With**

American Society of Mechanical Engineers (ASME)

v. **Total Cost**

\$127.95

vi. **Cost Breakdown**

Pots were \$71.97, Plants were \$55.98

vii. **Special Problems Encountered**

It was a little difficult to transport all the plants and pots since our venue was on the second floor and the materials were heavy. Thankfully, with a little teamwork, we were able to make it happen!

viii. **Overall Evaluation**

Again, this event was a success! We had a lot of engagement and more people came to this event than the same one the previous semester.

3. **Additional Attachments**

Figure 4:



Figure 5:



Figure 6:



# 13 Study Session IV

## New York Omicron

### 1. Project Information

- i. Date(s): 12/11/23
- 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 |
|-------------|-------|
| Non-Members | 1     |
| Members     | 7     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0           | 1.5        |

### 2. Project Evaluation

- i. **General Description**

Study sessions are open to members who want to come study or do school work in a quiet space.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Study sessions give busy members who would ordinarily have difficulty finding spare time in their schedules an opportunity to participate in TBP events.
- iii. **Organization and Administration**

This event was spearheaded by VP. He organized this event and was present to run it.
- iv. **Total Cost**

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

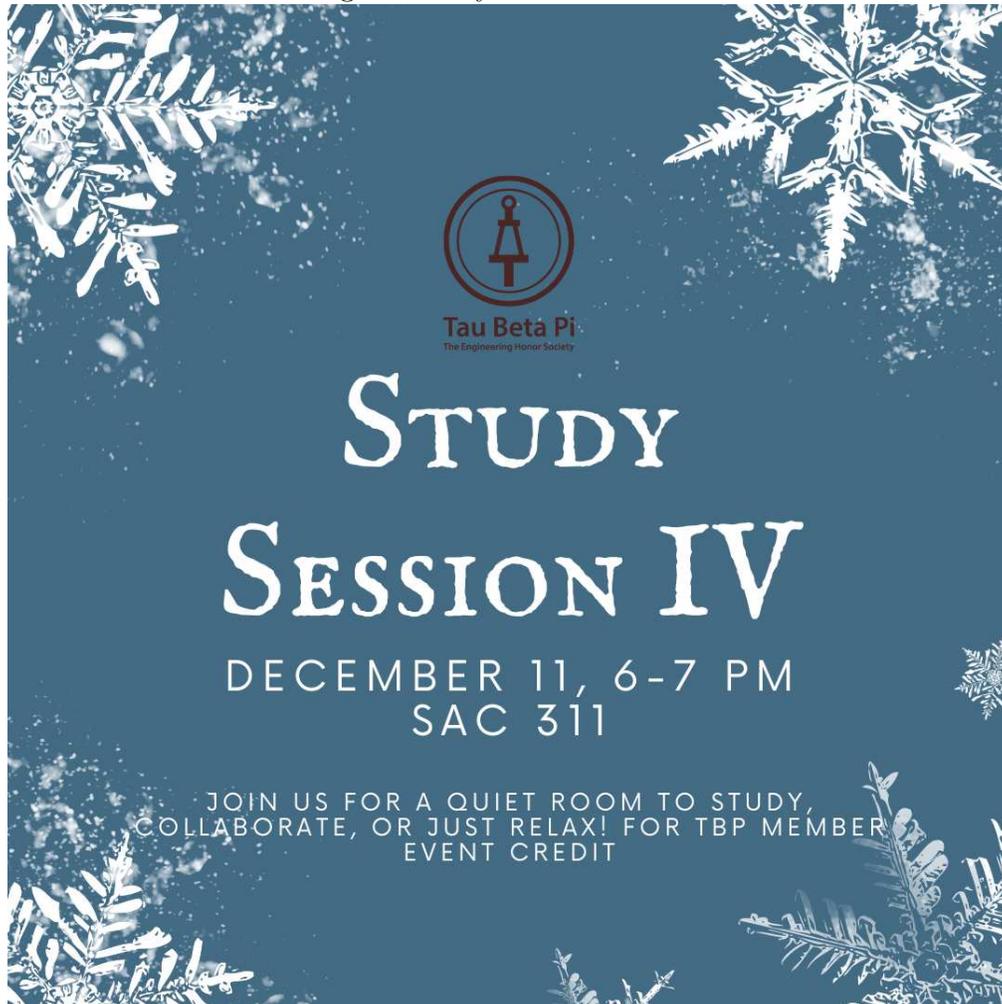
No costs for this project.
- vi. **Special Problems Encountered**

No problems.
- vii. **Overall Evaluation**

This event had exceptional attendance. This was expected as it was later in the semester, closer to finals, when members are generally in study-mode.

### 3. Additional Attachments

Figure 7: Flyer for the Event



# 14 Study Session V

## New York Omicron

### 1. Project Information

- i. Date(s): 12/12/23
- 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  | 9     |
| Electees | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0           | 1.5        |

### 2. Project Evaluation

- i. **General Description**

Study sessions are open to members who want to come study or do school work in a quiet space.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Study sessions give busy members who would ordinarily have difficulty finding spare time in their schedules an opportunity to participate in TBP events.
- iii. **Organization and Administration**

This event was spearheaded by Prez. She organized this event and was present to run it.
- iv. **Total Cost**

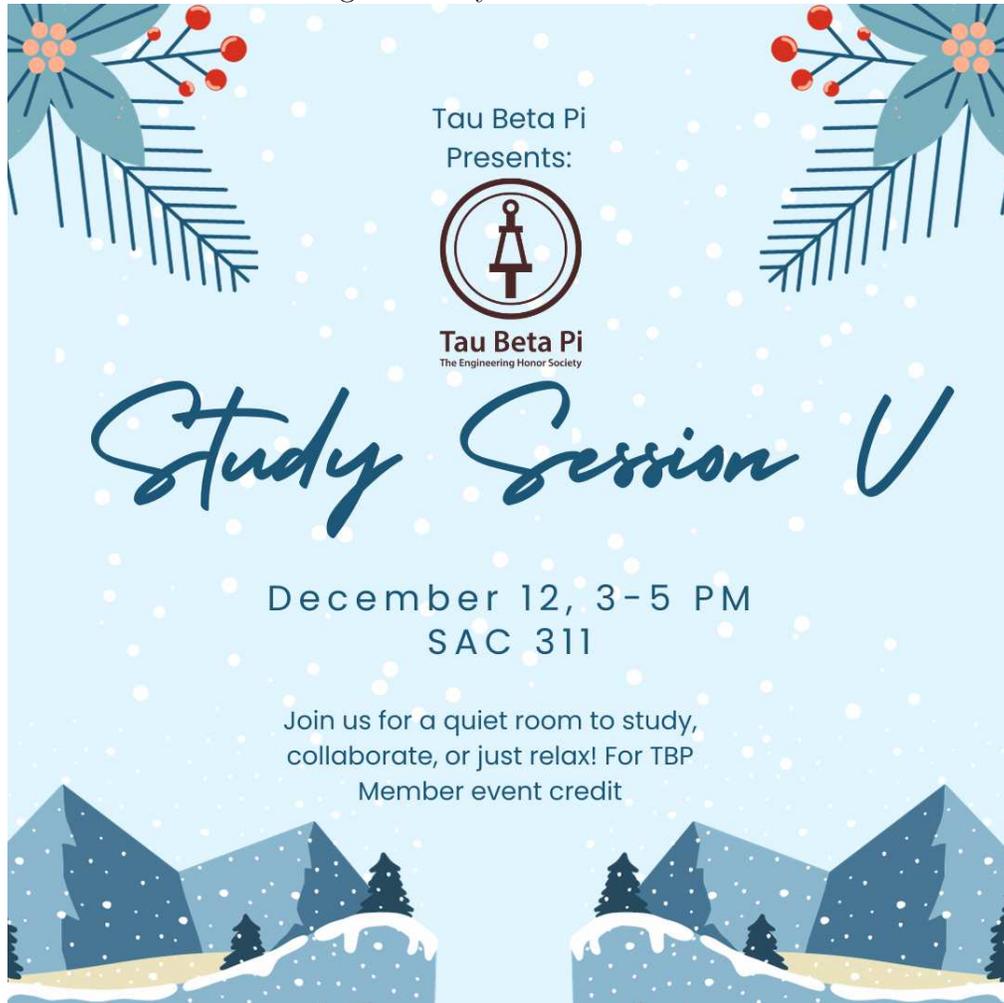
\$0.0
- v. **Cost Breakdown**

No costs for this project.
- vi. **Special Problems Encountered**

No problems.
- vii. **Overall Evaluation**

This event had exceptional attendance. This was expected as it was later in the semester, closer to finals, when members are generally in study-mode.

Figure 8: Flyer for the Event



### 3. Additional Attachments

# 15 CS Jeopardy

## New York Omicron

### 1. Project Information

- i. Date(s): 02/02/24
- 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 |
|--------------|-------|
| TBP Officers | 1     |
| Members      | 1     |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 3.0           | 0.5        |

### 2. Project Evaluation

#### i. General Description

"Join us this Thursday at 1-2PM for a fun session of CS-themed Jeopardy in SAC 304! This event will count towards TBP credit."

Attendees get to relax and socialize as they work together to solve CS-themed Jeopardy trivia questions and compete against each other.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

This is an event targeted specifically for our computer science majors to give them a chance to meet other peers in TBP and have fun together.

#### iii. Organization and Administration

Originally, this was meant to be a collaboration with other CS clubs on campus. The club that responded failed to follow up the communication, and the Jeopardy event was decided on much closer to the event date than planned. Max Huang was responsible for setting up the Jeopardy game and finding/creating relevant questions for attendees to answer.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

Not enough members showed up to this event for it to be hosted. The event was ended early and we apologized for the attendees' inconvenience.

vii. **Overall Evaluation**

Although the preparations for the Jeopardy event went smoothly, the initial plans for this event fell through. We should've been stricter during the planning stage on waiting for a response from the collaborating club, so that we would have enough time to change gears if need be. There wasn't enough advertising as a result. The prepared Jeopardy game is still available for future use in events.

# 16 Engineering in the Kitchen

## New York Omicron

### 1. Project Information

- i. Date(s): 02/05/24
- 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 |
|-------------|-------|
| Non-Members | 121   |
| Members     | 18    |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 2.0        |

### 2. Project Evaluation

#### i. General Description

An event where different engineering organizations host booths to give out food related to their club. It is an opportunity for participants to have food and learn about all the different engineering organizations.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event provides Tau Beta Pi an opportunity to advertise our organization to engineers at Stony Brook who are not necessarily members yet. The timing of this event allows us to advertise prior to sending out initiation offers for the semester, which in turn can help improve the number of responses we receive. It also provides an opportunity for our members to socialize at a large annual event.

#### iii. Organization and Administration

The task of attending planning meetings, acquiring food, and setting up the booth were handled by the Vice President. Running the booth and serving food was handled by the Vice President and the Secretary.

#### iv. In Conjunction With

All CEAS organizations

v. **Total Cost**

\$42.48

vi. **Cost Breakdown**

Cost covered 25 mini pies and plates.

vii. **Special Problems Encountered**

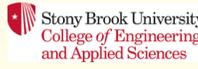
No issues arose.

viii. **Overall Evaluation**

The event went very well. Many people came by and learned about Tau Beta Pi, better than even typical at involvement fairs.

3. **Additional Attachments**

Figure 9:



**SBU STEM CLUBS BRING YOU**

# **ENGINEERING IN THE KITCHEN**

An annual food festival  
with fun demonstrations  
by SBU STEM clubs

**02.05.2024**  
**MONDAY**  
**7-8:30 PM**  
**UNION BALLROOM**

Funded by the USG  
Student Activity Fee



# 17 Pre-Career Fair

## New York Omicron

### 1. Project Information

- i. Date(s): 02/06/24
- 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 |
|--------------|-------|
| TBP Officers | 1     |
| Non-Members  | 27    |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 8.0           | 1.5        |

### 2. Project Evaluation

#### i. General Description

The pre-career fair is a workshop to improve interview skills and review the resumes of attendees. There is also a small booth for taking headshots for online profiles like LinkedIn.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

This is a professional workshop meant to help members improve on the aspects that allow them to find jobs, hence the name pre-career fair. Half of the event is dedicated to working on elevator pitches and interview skills, while the other half of the event is dedicated to tailoring the perfect resume for your internship/job applications. For engineers, it's about highlighting their education and experiences in a way employees want to see.

#### iii. Organization and Administration

This was a big collaboration with 8 other organizations, 7 of which were student organizations. TBP was not the main organizer, but one of the organizations helping facilitate the event. Max Huang was the event coordinator from TBP. Regular meetings were held to plan out how the event would pan out. The event itself ran smoothly as much of the preparations done beforehand were enough to make sure it ran without a hitch.

iv. **In Conjunction With**

SBU Career Center, SBU Sigma Tau, IEEE, AIChE, etc

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There was no cost for this event. Thankfully, the Career Center had all the materials needed for the event. Each organization involved sent representatives to help organize and run the event. Max Huang was the representative from TBP. There were enough people to run the event.

vii. **Special Problems Encountered**

None.

viii. **Overall Evaluation**

Given the amount of organizations involved with the event, the event was very successful. This was due largely in part to the frequent communication and meetings to plan for this event. Attendees were able to get the advice they needed for their job applications. One issue is that there were no TBP members who showed up. Even though this event was advertised through the participating organizations, perhaps it was not advertised nearly enough through our means of communications. We will take steps to keep regular reminders of our events in the future, especially for the larger collaborations.

# 18 SBUHacks Engineering Quiz

## New York Omicron

### 1. Project Information

- i. Date(s): 02/10/24
- 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 |
|-------------|-------|
| Non-Members | 7     |
| Members     | 3     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

An event hosted during the SBUHacks competition where hackers could attend to destress and play a trivia quiz game to win prizes.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was designed primarily to promote our organization to non-members in CS, which we opened membership up to only recently, in order to further our chapter's reputation in computer science circles.
- iii. **Organization and Administration**

The Vice President and President handled scheduling the event, advertising, and hosting the trivia competition.
- iv. **In Conjunction With**

SBUHacks
- v. **Total Cost**

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

N/A

vii. **Special Problems Encountered**

SBUHacks scheduled us for an early timeslot, but since breakfast arrived late, many hackers were still eating when the event was hosted.

viii. **Overall Evaluation**

Attendance was low due to the breakfast issue, so we would request a later time slot for future events. However, the event ran smoothly despite low attendance.

# 19 Study Session

## New York Omicron

### 1. Project Information

- i. Date(s): 02/12/24
- 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 |
|--------------|-------|
| TBP Officers | 1     |
| Non-Members  | 2     |
| Members      | 5     |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

Members are able to come in to have a quiet hour long session to do work or study for upcoming exams.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

It provides an opportunity for members to catch up or get ahead on any academic work they may have.
- iii. **Organization and Administration**

Peter DiPietro is the main organizer of this event and was in charge of overseeing the room booking and the event itself. The event itself took place without any problems occurring.
- iv. **Total Cost**

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

Only one person was necessary to run the event. Peter was able to hold the study session without any issues. No cost was needed for this event.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This project was a way for members to get credit while also being able to do schoolwork as they normally would. We wanted to provide a good environment for productivity, and it seems like the event was successful overall in this aspect. We might do more advertising to get a higher membership for the event, but the participants were satisfied with the event itself.

# 20 FE/PE InfoSession

## New York Omicron

### 1. Project Information

- i. Date(s): 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 |
|----------|-------|
| Members  | 6     |
| Electees | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 8.0           | 2.0        |

### 2. Project Evaluation

#### i. General Description

The infosession of the Fundamentals in Engineering (FE) and Practical Engineering (PE) exam was taught by three hosts who have extensive information on the exam. A 2017 alumni from Stony Brook, CIV major who took the exam recently ( John Esposito) who walked us through how he practiced and passed the exam. Next our NYS Executive Secretary (Eric Greppo) explains how NYS views and approves official licensing and recognized test centers. Lastly, our Certified Licensing Officer and Assistant Student Director of the College of Engineering and Applied Sciences (Deb Klein) spoke on how to get Stony Brook students to visit her for FE/PE preparation and transcript records.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

To education engineering students who are interested in professional licensing such as FE/PE, which has also been noted to members on discounted testing material as TBP members.

#### iii. Organization and Administration

Tau Beta Pi, American Society of Mechanical Engineers (ASME), Pi Tau Sigma (PTS, Mechanical Engineering Honor Society), College of Engineering and Applied Sciences (CEAS), NYS Office of Professions.

iv. **In Conjunction With**  
ASME, PTS, CEAS, NYS

v. **Total Cost**  
\$0.0

vi. **Cost Breakdown**  
n/a

vii. **Special Problems Encountered**  
n/a

viii. **Overall Evaluation**

Very detailed and well put together representation from the three speakers from all perspectives of student exam taker, official surveyor and certifier of results, and the interim connector of helping students get the examination certified by NYS.

# 21 CS Jeopardy

## New York Omicron

### 1. Project Information

i. Date(s): 02/22/24

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 |
|--------------|-------|
| TBP Officers | 1     |
| Members      | 1     |
| Electees     | 0     |

v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 4.0           | 1.0        |

### 2. Project Evaluation

#### i. General Description

Members are able to come to play a fun Jeopardy game focused around CS trivia.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

This is a fun event for members to de-stress with academic related activities. Members can socialize and work together in answering the Jeopardy questions.

#### iii. Organization and Administration

Max Huang was the event planner and host. Originally, the event was meant to be a collaboration with other computer science organizations on campus. Without hearing much back from them, it was changed last-minute to be a Jeopardy event.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

There is no cost for this event. Had this event been a collaboration with other organizations like planned, there may have been additional members required to run the event. However, the Jeopardy event only required one person to run.

vi. **Special Problems Encountered**

There was a lack of communication with the organizations we wanted to work with for this event. Because of this, we weren't able to plan or advertise until much later than we normally would. Still, given the limited time-frame, we were able to put together an event that could have ran well if more people showed up. The game we created is still available to be used if we want to host this event again.

vii. **Overall Evaluation**

Not enough members came to fully host a game of Jeopardy. This was due to our very late advertising of the event. It is unfortunate that plans we initially had fell through, but we should have been ready for this eventuality with a back-up. Going forward, we will try to have fall-back events in case any collaborations do not work out as planned. We will also emphasize early advertising of events.

# 22 Crane-a-thon

## New York Omicron

### 1. Project Information

- i. Date(s): 02/28/24
- 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 |
|-------------|-------|
| Non-Members | 46    |
| Members     | 2     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 0.5           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

This event was hosted to fold cranes to donate towards the Origami Club's art installation on campus to symbolize hope and peace, and to donate extra cranes to Cranes for Cancer.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was designed to help create an uplifting art installation on campus, donate to an important medical cause, and collaborate with organizations outside of engineering to spread recognition of Tau Beta Pi. Most importantly, it helps demonstrate the goodwill and commitment to the betterment of our alma mater.
- iii. **Organization and Administration**

The Vice President helped create and present opening slides and helped as an origami teacher during the event. The PR Manager handled advertising to our members.
- iv. **In Conjunction With**

Origami Club and Theta Tau
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

No special issue arose.

viii. **Overall Evaluation**

The event went very well and met our expectations. Members from the campus beautification committee were in attendance as well, and interviewed the Vice President to give an opportunity to advertise Tau Beta Pi to a wider audience. The cranes folded were all donated to the cause.

# 23 Open House I

## New York Omicron

### 1. Project Information

- i. Date(s): 03/04/24
- 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 |
|----------|-------|
| Electees | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

Electees can come in get more info about what TBP is as an organization. They can ask any questions they may have about what it means to be a member of TBP. Members can also come in to talk about their experiences in TBP and socialize.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event informs electees about what to expect from TBP. It also serves as a way to encourage electees to join the organization. Members and electees are also free to socialize and have fun during this event.
- iii. **Organization and Administration**

Megha Gopal is the organizer and host of this event. She was able to book the room and host the event without any issues.
- iv. **Total Cost**

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

Only one person was needed to host the event.
- vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

It was a successful Open House. Electees asked a lot of engaging questions and their concerns were cleared. Some were convinced to join because of the Open House. Overall attendance can be improved with earlier advertising and consistently contacting members about the event.

# 24 Open House II

## New York Omicron

### 1. Project Information

- i. Date(s): 03/21/24
- 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 |
|--------------|-------|
| TBP Officers | 3     |
| Members      | 2     |
| Electees     | 1     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.0        |

### 2. Project Evaluation

#### i. General Description

We hold an hour-long open house where new electees can come to learn what TBP is as an organization and what it means to be a member. They can ask questions they may have about TBP. Current members can also come in to talk about their experiences in TBP with electees.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event is meant to inform electees about what our organization is about and answer questions about membership. It's also a way for current members to connect to electees, so we further establish a bond between our members and future members.

#### iii. Organization and Administration

Peter DiPietro was the event organizer. He booked the event room and was the main host for the event. Novneet Singh and Max Huang were also there as co-hosts. The event went smoothly without any issues.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

There was no cost. The 3 officers at the event were more than enough to run the entire event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The event went smoothly. Electees were able to ask many questions about our organization and all the members had fun talking about their experiences in TBP. Even some members had some questions, so this event was very helpful to all those who attended. The attendance was a little low. We can strive for better attendance next time with better timing of the event and with earlier advertising.

# 25 IP Law Panel

## New York Omicron

### 1. Project Information

- i. Date(s): 04/22/24
- 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 |
|-------------|-------|
| Non-Members | 8     |
| Members     | 8     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 8.0           | 1.0        |

### 2. Project Evaluation

#### i. General Description

This event featured two speakers from the field of intellectual property, one patent attorney and one commercialization specialist at SBU's tech transfer office. The event was designed to showcase a field of work related to engineering that is less often discussed in engineering courses. The questions were designed to provide insight for students interested in working with IP law and for students interested in more traditional engineering professions, such as R&D and research, where IP is still relevant.

#### ii. Purpose and Relationship to Objectives of Tau Beta Pi

This was designed to give tangible and valuable insights for our members to improve their future skills as engineers. It also provided insight into a field related to engineering that is typically not well understood by engineers. Understanding IP would make Tau Bates pursuing careers in R&D and research more well-rounded professional engineers.

#### iii. Organization and Administration

The Vice President handled all duties related to this event along with collaborators from other organizations. This included reaching out to speakers, creating a question bank, advertising, hosting planning meetings, and asking questions during the event.

iv. **In Conjunction With**

Alpha Eta Mu Beta, Pre-Law Society, IEEE

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

No costs required. Personnel requirements were met.

vii. **Special Problems Encountered**

One of our speakers, a patent attorney, cancelled a week before the event, leaving us with only two speakers.

viii. **Overall Evaluation**

Greater attendance and more panelists would improve the event. Hosting in person could also improve it, but it would likely making acquiring panelists and getting attendees significantly harder. Overall, feedback was positive and the event ran smoothly.

3. **Additional Attachments**

Figure 10:

**AEMB, TBP, IEEE AND PRE-LAW SOCIETY PRESENTS**

# Intellectual Property Law Panel



Join us and our panelists!  
Monday, April 22nd, 2024  
7:30 pm to 8:30 pm on Zoom



ZOOM QR



**Tau Beta Pi**  
The Engineering Honor Society



**ALPHA ETA MU BETA**



**PRE LAW SOCIETY**  
STONY BROOK UNIVERSITY



**IEEE**

# 26 Study Session II

## New York Omicron

### 1. Project Information

- i. Date(s): 04/26/24
- 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 |
|--------------|-------|
| TBP Officers | 2     |
| Non-Members  | 1     |
| Members      | 13    |
| Electees     | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0           | 1.5        |

### 2. Project Evaluation

- i. **General Description**

Members are able to come in to have a quiet hour-and-half long study session to do work or study for upcoming finals. This is also an event where members are able to pick up their graduation regalia.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

We give our members the opportunity to catch up on work and focus on upcoming finals week. We provide a quiet room to do schoolwork without any distractions.
- iii. **Organization and Administration**

Max Huang is the event planner and the one responsible for running the event. He booked the room and was able to host the event without any issues.
- iv. **Total Cost**

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

There was no cost for this event. Only one person was needed to host the event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

We were successful in fostering a productive work environment for people to do their work. We were also able to deliver a few of our members' graduation regalia. Earlier advertising of the event may be able to boost numbers even more.

# 27 NGC Info Session

## New York Omicron

### 1. Project Information

- i. Date(s): 04/30/24
- 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 |
|-------------|-------|
| Non-Members | 2     |
| Members     | 12    |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 8.0           | 1.0        |

### 2. Project Evaluation

- i. **General Description**

This event featured a number of panelists from the Semiconductor manufacturing facility of Northrop Grumman. This online event had panelists explain what they do and how different engineering disciplines come together to manufacture these products.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was designed to give tangible and valuable insights for our members to see how diversely engineering skills can be applied to career paths as well as drum up interest for future openings at NGC.
- iii. **Organization and Administration**

The President handled all duties related to this event along with collaborators from other organizations. This included reaching out to speakers, advertising, hosting planning meetings, and asking questions during the event. We worked closely with Kaylee, our advisor, to set up this event
- iv. **In Conjunction With**

Pi Tau Sigma, the MechE honor society

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

No costs required. Personnel requirements were met.

vii. **Special Problems Encountered**

We were limited in the way we could advertise because NGC was worried about protests regarding the situation in the Middle East.

viii. **Overall Evaluation**

Despite the limited advertising, we had 14 people attend, which was very good. The feedback form showed that the event was enjoyed but attendees wished there was more time between each speaker to ask questions.

# 28 Engineering Ball

## New York Omicron

### 1. Project Information

- i. Date(s): 05/02/24
- 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 |
|-------------|-------|
| Non-Members | 152   |
| Members     | 8     |
| Electees    | 0     |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 3.0           | 2.0        |

### 2. Project Evaluation

- i. **General Description**

An event for engineering students to gather and socialize at the end of the academic year. The event had catering, featured vocal and dance performances, and had a DJ for dancing.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The event fosters a sense of community among engineering students and helps our members relax at the end of the year.
- iii. **Organization and Administration**

The Vice President handled TBP responsibilities, such as making slides for the event, attending planning meetings, helping figure out catering, and helping run the event.
- iv. **In Conjunction With**

All CEAS organizations
- v. **Total Cost**

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

All funds covered by CEAS. Personnel requirements were more than met due to large number of clubs participating for the event.

vii. **Special Problems Encountered**

We had to turn away attendees due to capacity limit. Requiring RSVPs or having some at the door to sign people in would help manage capacity.

viii. **Overall Evaluation**

The event went well, and feedback was very positive. Managing capacity was the only issue of significance.