

ALABAMA EPSILON

2021-2022

# TAU BETA PI



UNIVERSITY OF SOUTH ALABAMA

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## UNIVERSITY OF SOUTH ALABAMA

June 14, 2022

Tau Beta Pi Awards Committee  
C/o Mr. Curt Gomulinski  
PO Box 2697  
Knoxville, TN 37901

Dear Award Committee Members:

It is my pleasure to recommend the Alabama Epsilon Tau Beta Pi chapter for the R.C. Matthews Award as the outstanding TBP chapter. Our chapter members have continued in their role as excellent ambassadors, who labor diligently to uphold TBPI's standard of excellence while compiling an outstanding record of achievements over the past year. As a result, I believe the student officers and members richly deserve the recognition afforded by this prestigious award. You have received the Chapter's report listing the many projects and activities that they completed this past year, but I want to highlight the impact that a few of these have had on the College of Engineering and the community.

In the area of **outreach and student recruitment** the report details TBPI's volunteer efforts with a variety of events, including a Trebuchet Pumpkin Toss at Alabama Flight Works where student teams from the community competed with home-made trebuchets, assisting with judging for the Mobile Regional Science and Engineering Fair for both middle and high school students, and serving as hosts for middle school students during E-Week providing tours and demonstrations for the visiting students.

A major priority for the college of engineering remains that of **improving retention of current students**. TBPI members again served as supplemental instructors in the most challenging engineering courses and as Peer Leaders in freshman seminars, improving student academic success and retention. Tau Beta Pi organized and held a resume workshop that was a highlight for students and provided them with the opportunity to receive constructive feedback from the many industry representatives that participated in the event. Not only is this a great service for engineering students, but it is another activity that motivates current students and improves their academic success. The chapter organized seminar panels for the freshman seminars, providing students with their personal tips for success to new freshmen students.

Our TBPI chapter hosted the sixth annual **Leadership Workshop** last fall. The workshop targeted leaders of all of our engineering student organizations and was open to any students who wanted to improve their leadership skills. The primary presenter was a civil engineering faculty member, and Tau Beta Pi advisor, who has received national recognition for his expertise in developing student leaders. The workshop was a great success, well attended and has improved our student leadership for next year, as well.

Our Tau Bates are wonderful **ambassadors for the college and the university** as they participate in community projects. They participated in Buddy Walk, a fundraiser for the Coastal Alabama Down Syndrome Society that also promotes acceptance and inclusion of people with Down



## UNIVERSITY OF SOUTH ALABAMA

syndrome, and a Christmas project to provide Christmas dinners for families in need. Through these and other activities documented in the report, Alabama Epsilon raises the awareness of the college and the engineering profession throughout Mobile and the state.

The Chapter has used scholarship funds we receive as a result of Chapter Project Awards and matching funds to recognize the outstanding sophomore, which is a highly coveted award. The “Professor of the Year” award is presented annually at a college-wide faculty meeting and truly commands the attention of the entire college. Since this is recognition from our very best students, it is particularly meaningful for faculty.

The chapter was particularly helpful with the college’s Order of Engineer ceremony, conducted in tandem with spring graduation, serving as student marshals to help with logistical needs associated with the large crowds.

As you can see in the chapter’s annual report, the chapter is extremely active. There are many other projects and activities that I could highlight. However, as Dean I can honestly say that without the volunteer help of the TBPI members, the College would have a difficult time accomplishing all that it does each year in serving our students, the university, and community.

The Alabama Epsilon Chapter is truly outstanding and one of the very best assets of the College of Engineering at the University of South Alabama. I believe that our TBPI chapter truly deserves the R.C. Matthews Award.

Sincerely,

A handwritten signature in black ink, appearing to read 'John M. Usher'. The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

John M. Usher, Ph.D., P.E.  
Dean, College of Engineering

## Alabama Epsilon Chapter Projects

<b><i>College Projects</i></b>	<b><i>Project Number</i></b>
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Graduate School Seminar	3
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Graduate Seminar Introductions	5
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Aerospace Week	
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Racing Drone Demonstration	14
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# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 1  
 New Project  Old Project

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Project name: Welcome to the Jungle

Date(s) of Project: 8/20/2021

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Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

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Participants in project:

Members: 9    Electees: 0

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Hours spent on this project:

Organizing: 2    Participating: 4

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Welcome to the Jungle is an annual engineering social event organized by TBII and other societies in the College of Engineering to welcome students back to school. Local restaurants provided food and each organization set up a welcome table and brought a game for students to play.

TBII set up a game of KanJam, which was one of the more popular games of the day. Students came by the TBII tent throughout the day to try their hand at sinking a Frisbee .

- II. Purpose & Relationship to Objectives of TBII: The purpose of Welcome to the Jungle is to provide an opportunity for networking among students and faculty members. In addition, TBII members promoted the organization and talked to underclassmen about the requirements and other details of the organization,

- III. Organization & Administration: In conjunction with another group?  Yes  No  
This project was in conjunction with the University of South Alabama.

- IV. Cost & Personnel Requirements: None.

- V. Special Problems: None

- VI. Overall Evaluation/Results: More than 300 South Alabama students showed up to enjoy food and games at the Welcome to the Jungle event. Members were able to discuss the talk to students and promote Tau Beta Pi

- VII. Index of Exhibits: List of Participants, Photos

## Welcome to the Jungle

### List of Participants

1. Stephen Cahoon
2. Ian Cox
3. Morgan Davis
4. Cody Dunlap
5. Caroline Franklin
6. Aaron Godfrey
7. Madison Grace
8. Bryson Hatcher
9. Danielle Walzak



Figure 1. Officers setting up the booth



Figure 2. Students getting information about TBP



Figure 3. Students playing KanJam

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 2  
 New Project  Old Project

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Project name: Freshman Seminar (EG101) Peer Panel

Date(s) of Project: 08/26-30/2021

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Target Audience:  Community/ Liberal Culture  University/ College  Profession/ Engineering  Chapter/ Social  Education: Prof Development

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Participants in project

Members: 9

Electees: 7

Others: 9

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Hours spent on this project:

Organizing: 4

Participating: 1

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

#### I. General Description:

The EG101 class (Orientation to Engineering Study) introduces approximately 150 first-year engineering students to resources on campus and issues they need to be aware of to succeed at the University of South Alabama. During the second week of class, a Peer Panel of upper-class engineering students presents insights and experiences of successful students and how to get involved with engineering societies.

II. Purpose & Relationship to Objectives of TBPI: The purpose of the peer panel is to increase the retention and involvement of first-year engineering students by providing role models (panelists). First-year students get excited about the possible directions of their undergraduate career and learn how to obtain their goals. The panels also encourage participation in engineering societies and introduce the freshmen to Tau Beta Pi.

III. Organization & Administration: In conjunction with another group?  Yes  No

This project was done in conjunction with the EG101 class sections. Dr. Sally Steadman, advisor, organized the panels for the 6 sections of EG101.

IV. Cost & Personnel Requirements: Four to five panelists were required for each class period. Some panelists sat on multiple panels. In addition to Tau Beta Pi members, student society officers also served on the panels.

V. Special Problems: None.

VI. Overall Evaluation/Results: The EG101 Faculty find that the Peer Panel is one of the most effective methods of making first-year students aware of the problems, challenges, and exciting aspects of undergraduate engineering studies, as well as providing them with valuable insights on work experience and life outside the engineering curriculum. The panels ran smoothly and successfully. Many of the faculty report that this was the best class during the semester.

VII. Index of Exhibits: List of Participants, Example Panel Questions

## Freshman Seminar List of Participants

### Members

1. Jackson Baldwin
2. Rebecca Bivins
3. Stephen Cahoon
4. Cody Dunlap
5. Caroline Franklin
6. Aaron Godfrey
7. Patrick Howze
8. Alfredo Huerta
9. Colby Waller

### Electees

1. Mason Brasher
2. Dannielle Flores
3. Tyler Jones

4. Zachary Miller
5. Mariam Omar
6. Brooke Whitfield
7. Ramiz Yusuf

### Others

1. Reagan Bonner
2. Patrick Cauley
3. Madison Ezell
4. Juliana Heise
5. Harry McCaskill
6. Jillian Myers
7. Jackson Pocreva
8. Keira Ross
9. Trenton Stafford

## Example Panel Questions

- Academics
  - Did you have a declared major your freshman year?
  - Did you change your major?
  - Do you have a double major or a minor?
    - How much extra time does it entail?
  - Have you changed your advisor?
  - Have you ever dropped/withdrawn from a class?
  - Do you have a study group?
  - How do you prepare for an exam?
  - If you are a senior, what is your senior design project?
  - When is your expected graduation date and how long have you been here?
  - What do you like most about the College of Engineering?
- Time Management
  - Do you have and use a planner? What type of planner do you use?
  - How many hours per week do you study?
  - Have you ever missed an exam/final?
  - Have you needed a University excuse?
  - Have you missed school because you were sick and how did you deal with that?
- College Life
  - Have you lived in the dorms? How was it?
  - How do you feel about off campus living?
  - Eating and exercise habits?
  - Do you belong to a student society?
  - What activities outside of school do you participate in?
  - What is there to do in Mobile?
- Miscellaneous
  - How are you funding your education (money management)? Do you have scholarships? Do you work during school, if so, how many hours?
  - Have you had an internship or co-op
    - How did you find out about the opportunity?
  - Did you experience any big surprises at college, anything you didn't expect?
  - Do you have a resume?
- What one piece of advice do you have for freshmen?

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 3  
 New Project  Old Project

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Project name: Graduate School Seminar

Date(s) of Project: 10/21/2021

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Target Audience:  Community/ Liberal Culture  University/ College  Profession/ Engineering  Chapter/ Social  Education: Prof Development

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Participants in project: See attached list

Members: 6 Electees: 2 Others: 6

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Hours spent on this project:

Organizing: 3 Participating: 1

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The seminar was organized to provide an opportunity for undergraduates to ask questions and learn about attending Graduate School. Engineering professors volunteered to speak at the seminar on their graduate school experiences and why it is important to attend. In addition, time was allotted for an open panel discussion for questions from students. The seminar was open to all engineering students.
- II. Purpose & Relationship to Objectives of TBPI: This seminar promotes the importance of attending graduate school and offers guidance to undergraduate students considering further education.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Announcements were displayed on the college electronic message boards, made at bi-weekly TBPI meetings, and sent out through email.
- IV. Cost & Personnel Requirements: None.
- V. Special Problems: None
- VI. Overall Evaluation/Results: The Graduate School Seminar was very beneficial in helping undergraduate students get more information about Graduate School and providing motivation for the students to pursue advanced degrees. Specifically, panelists discussed how to select a graduate school and funding sources.
- VII. Index of Exhibits: Advertisement, List of Participants

## Graduate School Seminar



Figure 1. Advertisement Flier for Event

### List of Participants

#### Members

1. Stephen Cahoon
2. Cody Dunlap
3. Ian Cox
4. Hayden Jenkins
5. Wade Naritoku
6. Caroline Franklin

#### Electees

1. Ramiz Yusuf
2. Ara Haji

#### Others

1. Sally Steadman
2. Christy Wheeler
3. Samuel Russ
4. Silas Leavesley
5. Carlos Montalvo
6. Eric Steward

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 4  
 New Project  Old Project

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Project name: Leadership Workshop

Date(s) of Project: 9/11/2021

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Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

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Participants in project: See attached list

Members: 6    Electees: 8    Others: 26

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Hours spent on this project:

Organizing: 4

Participating: 5

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Dr. Steward presented a very informative and interactive workshop to leaders in the engineering student community. The engineering organizations on campus were invited to send representatives to attend the workshop. Breakfast and lunch were provided. Door prizes, USA Swag, were awarded as incentives for student leaders to attend.
- II. Purpose & Relationship to Objectives of TBPi: This project assists students in their ability to becoming prominent leaders in the engineering community both inside and outside the university. Effective leadership as well as community service are emphasized in this workshop.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: Lunches and prizes were paid for by the Dean's office.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: Everyone enjoyed the workshop from beginning to end. The chapter will conduct the workshop annually.
- VII. Index of Exhibits: Photo, List of Participants

# Leadership Workshop



Figure 1. Workshop Attendees

## List of Participants

### Members

1. Stephen Cahoon
2. Hayden Jenkins
3. Rebecca Bivins
4. Alfredo Huerta
5. Aaron Godfrey
6. Cody Dunlap

### Electees

1. Maria Verde
2. Brooke Whitfield
3. Ramiz Yusuf
4. Danielle Flores
5. Madison Howard
6. Jake Lake
7. Zach Miller
8. Mariam Omar

### Others

1. Keira Ross
2. Madison Ezell
3. Mia Sarafijanovic
4. Nani Perez
5. Jackson Pocreva
6. Connor Cobb
7. Reagan Bonner
8. Elanna Breau
9. Juliana Heise
10. Samuel Hudson
11. Eric Steward
12. Abby Mock
13. Tyrese Harris
14. Ashton Graupe
15. Waleed Saoud
16. Lily Baria
17. Cameron Williams
18. Jillian Myers
19. James McVay
20. Aliyah Odom
21. Coleman Davis
22. Samuel Hudson
23. Nathan Harshany
24. Alonzo Calvillo
25. Tyler Comeau
26. Kelsie Littles

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 5  
 New Project  Old Project

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Project name: Graduate Seminar Introductions

Date(s) of Project: 2021-2022

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Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

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Participants in project:

Members: 3    Electees: 2    Others: 6

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Hours spent on this project:

Organizing: 2    Participating: 1

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: FEATS is a seminar series hosted by Dr. Tambe in the College of Engineering where graduate students and alumni present on a topic related to their current or post-doctoral research. The purpose of this series is to engage students and faculty in the college and inform them about research that is occurring in the college.
- II. Purpose & Relationship to Objectives of TBPI: Tau Beta Pi members were responsible for introducing the speakers at the beginning of the seminar. This is a great way to show our chapter's visibility within the college and spark interest in students attending the seminar.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
This project was organized by the College of Engineering.
- IV. Cost & Personnel Requirements: None. The members reached out to the speakers before they presented to get information for their introduction.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: The series went well and TBP was able to acquire a member to speak at all of the seminars. The members that participated learned a lot about current research projects and were able to network with the speakers as well. This was a great way to get involved with the college.
- VII. Index of Exhibits: List of Participants, Speaker Schedule

## **Speaker Series (FEATS)**

### **List of Participants**

#### **Members**

1. Boyan Vasilev
2. Aaron Godfrey
3. Ian Cox

#### **Electees**

4. Josselyn Vieyra Sanchez
5. William Altawal

#### **Others (speakers)**

1. Dhananjay Tambe
2. Craig Browning
3. Blane Fillingim
4. Madan Parajuli
5. Sunita B. Paudel
6. Keith Battle

### **Schedule**

<b>Date</b>	<b>Speaker</b>	<b>TBP Member</b>
<b>Feb. 17</b>	Craig Browning, Graduate Student, Systems Engineering	Boyan Vasilev
<b>Feb. 24</b>	Dr. Blane Fillingim, USA Alumni, Postdoctoral Research Associate at Oak Ridge National Laboratory	Dhananjay Tambe
<b>Mar 17</b>	Madan Parajuli, Graduate Student, Electrical & Computer Engineering	Josselyn Vieyra
<b>April 7</b>	Sunita B. Paudel, Graduate Student, Basic Medical Sciences (Biomedical Engineering and Lung Biology Track)	William Altawal
<b>April 21</b>	Keith C. Battle, Graduate Student, Basic Medical Sciences Program (Biomedical Engineering/Lung Biology Track)	Aaron Godfrey

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number:  
 New Project  Old Project

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Project name: Tau Beta Pi Week

Date(s) of Project: 11/8 - 12/2021

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Target Audience:     Community/  
                                 Liberal Culture     University/  
   College     Profession/  
   Engineering     Chapter/  
   Social     Education:  
   Prof Development

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Participants in project:

See sub-reports

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Hours spent on this project:

See sub-reports

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The seventh annual Tau Beta Pi Week was organized to raise visibility for the TBP chapter. Daily activities are conducted during the fall initiation week that are related to the engineering profession or Tau Beta Pi. There is a sub-report for each activity except initiation.

1. Monday: **T**au Toss
2. Tuesday: **B**eta Battle
3. Wednesday: **P**i a Professor
4. Thursday: Initiation (members only)
5. Friday: Resume 1 on 1

II. Purpose & Relationship to Objectives of TBPI: The goal of this project was to create awareness of Tau Beta Pi with engineering students.

III. Organization & Administration: In conjunction with another group?  Yes  No  
Judging criteria were defined and critiques were made for the contests.

IV. Cost & Personnel Requirements: Officers solicited prizes and giveaways from businesses.

V. Special Problems: None

VI. Overall Evaluation/Results: Tau Beta Pi week was a wonderful success. Many students, members and non-members, participated in activities. While participating, volunteers were able to talk to students about Tau Beta Pi.

VII. Index of Exhibits: Poster, Social media post

# TBP Week



**November 8-12, 2021**

**Monday**  
**Tau Toss**

**Atrium : 8:50 am – 3:35 pm Prizes for winners**  
*If your toss from the fourth floor lands in a square, you win a prize!  
Sessions in between classes all day.*

**Tuesday**  
**Beta Battle**

**Atrium: 8:50 am – 2:30 pm Prizes for winners**  
*Compete against your peers in a game of dodgeball! Winners get a prize! Sessions will be held between classes throughout the day.*

**Wednesday**  
**Pi a Professor**

**Einstein Bench (Parking Entrance): 10:45 am – 2:00 pm**  
*Here's a chance to throw a pie at your favorite professor (or least favorite)...  
\$1 per pie, no max. Proceeds go our Chapter of Tau Beta Pi!  
15 min sessions at 10:45, 12:15, & 1:45*

**Thursday**  
**Initiation Reception**

**Atrium: 4:15 pm**  
*Join us for a Reception for the new initiates. (Initiation ceremony is for members only.)  
Congratulate new initiates, who will be wearing Tau Beta Pi polished bents.*

**Friday**  
**Resume Workshop**

**Atrium: 9:00 am – 2:00 pm**  
*Meet with company representatives to discuss how to enhance your resume.  
Sign up in advance to attend this event.*

<https://www.signupgenius.com/go/70A0B4EA8AB2AABFB6-taubeta>



Figure 1. Poster for TBP Week



@usaengineering

## WHAT'S HAPPENING SHELBY!

**Airbus Final Assembly Line 3- Part Series "Engineering Professions in Aeronautics"**  
**Tuesday, Nov. 9th**  
12:30-1:30pm  
Shelby Hall 2216  
RSVP: Scan the QR Code



Save-the-dates: Nov. 16th

**Outokumpu Information Session**  
Monday, Nov. 8th  
5:30pm  
SH 2214



**Tau Beta Pi Week**

Monday: Tau Toss  
Tuesday: Beta Battle  
Wednesday: Pi a Professor  
Thursday: Initiation Reception  
Friday: Resume Workshop

For more details, see the attached flier

**Cisco Systems Information Session**

Thurs. Nov. 11th  
12:30-1:30pm  
SH 2218  
RSVP: Scan the QR Code



**Save-The-Date for the First Annual Society of Mechanical Engineers (ASME) Chili Cook-Off!**

Thursday, Nov. 18th 4:00-6:30pm @ SH Fountain



Figure 2. College Announcement

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 6  
 New Project  Old Project

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Project name: Tau Toss

Date(s) of Project: 11/8/2021

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Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: see attached list

Members: 2

Electees: 13

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Hours spent on this project:

Organizing: 2

Participation: 2

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: To kick off TBPI week, Alabama Epsilon hosted Tau Toss. Members and Electees created a grid on the ground inside of the College of Engineering with tape. A small prize was placed in each square. Students then threw small bean bags from the top floor. Students won the prize located in the square where their bean bag landed.
- II. Purpose & Relationship to Objectives of TBPI: This event served to make Alabama Epsilon's TBPI week a successful endeavor. Specifically, Tau Toss provided a means to get students excited for TBPI week. In addition, a large event located inside of Shelby Hall allowed for members to talk to students about TBPI.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: Our chapter had a box of leftover prizes from years past that we used. Please note that a chapter needs an open multi-storied area for dropping items to conduct this project.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: This event was highly successful based on feedback from those who attended. The event was fun, engaging, and allowed for members to cast TBPI in an extremely positive light.
- VII. Index of Exhibits: Photos, List of Participants

**Tau Toss**



Figure 1. Tau Toss Game Photo



Figure 2. Participants Standing on Balcony

### **List of Participants**

#### **Members**

1. Ian Cox
2. Wade Naritoku

#### **Electees**

1. Avery Barnes
2. Mason Brasher
3. Logan Caldwell
4. Danielle Flores
5. Zachary Flood
6. Ara Haji
7. Aaron Hall
8. Garrett Jacobs
9. Tyler Jacobs
10. Tyler Jones
11. Ethan Martin
12. Brooke Whitfield
13. Ramiz Yusuf

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 7  
 New Project  Old Project

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Project name: Beta Battle

Date(s) of Project: 11/09/2021

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Target Audience:  Community/ Liberal Culture  University/ College  Profession/ Engineering  Chapter/ Social  Education: Prof Development

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Participants in project: See attached list

Members: 1

Electees: 7

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Hours spent on this project:

Organizing: 2

Participating: 3

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: To increase the visibility and participation in TBII Week, students from the College of Engineering participated in "Beta Battle." This was a dodgeball competition completed outside the building next to the fountain. To advertise for the event, an email was sent to all the engineering students and a notice was posted on the TBII Week poster in the atrium.

II. Purpose & Relationship to Objectives of TBII: This event was conducted to engage students and to increase the visibility of Tau Beta Pi.

III. Organization & Administration: In conjunction with another group?  Yes  No

IV. Cost & Personnel Requirements: Dodgeballs from the recreation center; Free of charge

V. Special Problems: None

II. Overall Evaluation/Results: This event engaged several students in the College of Engineering and was a fun way to relieve stress. Students enjoyed getting outdoors between classes and participating in a friendly competition.

VI. Index of Exhibits: List of Participants

#### Members

1. Stephen Cahoon

#### Electees

1. Mason Brasher  
2. Mariam Omar  
3. Corbin Baum  
4. Madison Howard  
5. Maria Verde  
6. Collin Brougham  
7. Ian Adkins

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon Project number: 8 <input type="checkbox"/> New Project <input checked="" type="checkbox"/> Old Project
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Project name: Pi Day

Date(s) of Project: 11/10/2021

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Target Audience:     Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 4

Others: 8

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Hours spent on this project:

Organizing: 2

Participating: 2

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### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: To increase the visibility and participation in TBII Week, professors agreed to participate in “Pi a Professor.” This event was used to raise money for Christmas Adam, a community service event. Students paid \$1 to throw a pie at a professor of their choice. The number of pies one could buy were unlimited. To advertise, an email was sent to all engineering students and a notice was posted in the TBII Week main schedule.
- II. Purpose & Relationship to Objectives of TBII: This event was meant to engage students and to increase the visibility of Tau Beta Pi.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: Cool Whip and pie tins were purchased for the “pies”, \$36.
- V. Special Problems: None
- II. Overall Evaluation/Results: This event engaged several students in the College of Engineering and helped students get to have fun with their professors.
- VI. Index of Exhibits: Photos, List of Participants

## Pie a Professor



Figure 1. Dr. Steadman and Dr. Tambe after getting “pied”

Figure 2. Secretary Dani Walzak, “pie-ing” Dr. Montalvo



## List of Participants

### **Members**

1. Caroline Franklin
2. Aaron Godfrey
3. Hayden Jenkins
4. Danielle Walzak

### **Professors**

1. Tom Thomas
2. Eric Steward
3. Grayson Dennis
4. Carlos Montalvo
5. Dhananjay Tambe
6. John Steadman

### **Electees**

1. Zach Miller
2. Mariam Omar
3. Logan Caldwell
4. Danny Nguyen
5. Madison Howard
6. Shelby Tucker
7. Jostin Nguyen
8. Josselyn Vieyra Sanchez

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 9  
 New Project  Old Project

---

Project name: Resume 1-on-1

Date(s) of Project: 11/12/2021

---

Target Audience:  Community/  
Liberal Culture  University/  
College  Profession/  
Engineering  Chapter/  
Social  Education:  
Prof Development

---

Participants in project: See attached list

Members: 4 Electees: 1

---

Hours spent on this project:

Organizing: 10

Participation: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Representatives from various local engineering companies were invited to meet with students one-on-one and give resume and interview tips. Students met with the representatives for 30-minute sessions. The following companies participated: Austal, Alabama Power, Airbus, Chevron, and Hargrove Engineers + Constructors.
- II. Purpose & Relationship to Objectives of TBPI: This project allows students to get feedback from industry professionals and gives them the opportunity to learn more about possible career opportunities. Additionally, it gives TBPI an opportunity to showcase members and other students from South Alabama to positively reflect the College of Engineering.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Signup Genius was used to register students for the sessions. Students uploaded resumes, which were shared with the company representatives prior to the event. Multiple email reminders were sent to the students.
- IV. Cost & Personnel Requirements: Lunch was provided for the company representatives by the Dean's Office.
- V. Special Problems: A few students did not show up for their session, so Tau Beta Pi members were available to fill in. Covid-19 required some companies to interview virtually.
- VI. Overall Evaluation/Results: The company representatives responded very positively to this event, commenting on the organization and stating that they enjoyed interacting with students in this way. Feedback was provided during the lunch period on the event and student preparation. Student feedback was very positive with several students making employment connections. This event is very visible to engineering students since it is open to everyone and acquaints them with Tau Beta Pi.
- VII. Index of Exhibits: List of Participants, Photos, Schedule

# Resume 1-on-1

## List of Participants

### Members

1. Ian Cox
2. Aaron Godfrey
3. Stephen Cahoon
4. Alex Jin

### Electees

1. Danielle Flores



Figure 1. Check-in for Interviews



Figure 2. Interview in Progress

Airbus	9:00am - 9:30am	Sam Jesse
	9:30am - 10:00am	Mitchell Appleberry
	10:30am - 11:00am	Timothy Heard
	11:00am - 11:30am	Mason Brasher
	11:30am - 12:00pm	Ankon Babla Sushil
	1:00pm - 1:30pm	Achyuth Rayarao
	1:30pm - 2:00pm	Tyler Jones
Alabama Power	9:00am - 9:30am	
	9:30am - 10:00am	
	10:30am - 11:00am	Christopher Hites
	11:00am - 11:30am	Noah Broadus
	11:30am - 12:00pm	Oliver Cruise
	1:00pm - 1:30pm	Thomas Frisch
Austal	1:30pm - 2:00pm	
	9:00am - 9:30am	Evan Moulds
	9:30am - 10:00am	Saleh Ahmad Khan
	10:30am - 11:00am	Connor Cobb
	11:00am - 11:30am	Brian Stewart
	11:30am - 12:00pm	Julia Nelson
	1:00pm - 1:30pm	Matthew Laski
Chevron	1:30pm - 2:00pm	Joshua Yang
	9:00am - 9:30am	Elaine Chung
	9:30am - 10:00am	Keira Ross
	10:30am - 11:00am	Alfredo Huerta
	11:00am - 11:30am	Antonius Holden Jr
	11:30am - 12:00pm	Logan Allen
	1:00pm - 1:30pm	Mina Karimaghaei
Hargrove	1:30pm - 2:00pm	William Wearren
	9:00am - 9:30am	
	9:30am - 10:00am	
	10:30am - 11:00am	Aaron Hall
	11:00am - 11:30am	Jevin Walker
	11:30am - 12:00pm	Dustin Burton
	1:00pm - 1:30pm	Devyn Roh
1:30pm - 2:00pm	Hung Le	

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon Project number: 10 <input type="checkbox"/> New Project <input checked="" type="checkbox"/> Old Project
--

---

Project name: Pi Day

Date(s) of Project: 3/14/2022

---

Target Audience:     Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 2

Electees: 3

---

Hours spent on this project:

Organizing: 1

Participating: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: As part of a general approach to expanding the brand recognition of TBP on campus at South and around the country, the chapter engaged in Pi Day to promote Tau Beta Pi. "Pi" related games were set up in the lobby of Shelby Hall to engage students throughout the college.
- II. Purpose & Relationship to Objectives of TBPI: This event was meant to engage students and to spread awareness of Tau Beta Pi.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: None. Gift cards were donated by Papa Johns.
- V. Special Problems: None
- II. Overall Evaluation/Results: There was a good amount of participation from all the students and those that won the competitions were awarded with gift cards to Papa John's Pizza.
- VI. Index of Exhibits: Flyer, List of Games, List of Participants

## Pi Day

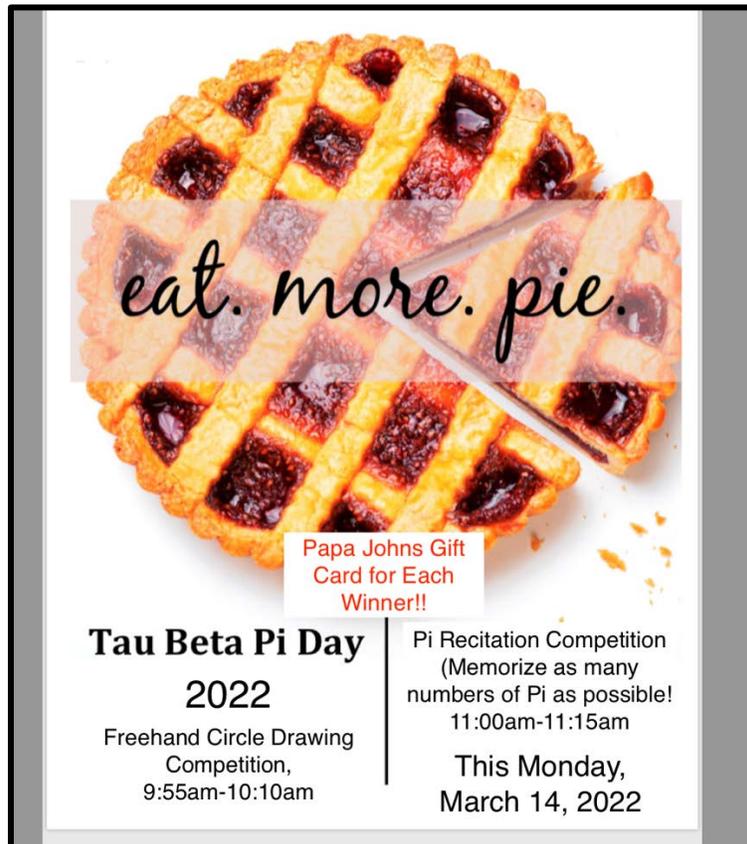


Figure 1. Flyer Sent to College of Engineering Students

### List of Games

1. Freehand Circle Drawing Contest
2. Pi Recitation Contest

### List of Participants

#### Members

1. Ian Cox
2. Aaron Godfrey

#### Electees

1. William Altawal
2. Justin Dyer
3. William Wearren



# Aerospace Week

## 3/14-3/18

### Monday, 3/14:

- USA student flight project demonstrations, SH Atrium 10am-1pm
- Guest speaker, Tucker Hamilton (US Air Force) will be presenting virtually at 6:00PM, zoom ID 6907072507

### Tuesday, 3/15:

- Foam Glider Build & Fly, SH Atrium 12:30-2:30pm
- Guest Speaker, Darius Yaghoubi (NASA), will be presenting virtually at 6:00PM, zoom ID 6907072507

### Wednesday, 3/16:

- Guest Speaker, Zulfiqhar Taqui (Airbus , Head Cabin Engineer), will present at 6:00pm. Room 2119

### Thursday, 3/17:

- FPV Racing Drone Demo with Dan Pelkey, USCG- Green lawn on the backside of Shelby Hall 12:30-2:30pm

### Friday, 3/18:

- Movie Night: Interstellar at 6:00pm, SH 2119  
Popcorn and soda provided.

All students are welcome to attend in all activities.

Figure 1. Aerospace Week Flyer

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 11  
 New Project  Old Project

---

Project name: Aerospace Week Speaker Series

Date(s) of Project: March 14 – 16, 2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Number of persons who participated in this project.  
Cody Dunlap and Josselyn-Vieyra Sanchez

Members: 2    Electees: 0

---

Hours spent on this project.

Organizing: 5

Participation: 3

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: A series of speakers were invited to participate in Aerospace Week. Two talks were conducted virtually and a third in person. All talks were open to university faculty, staff, students, and the public. Speakers included NASA, Airforce, and Airbus personnel.
- II. Purpose & Relationship to Objectives of TBII: This event provided Tau Beta Pi with opportunities to introduce and create relationships between students, staff, and aerospace personnel.
- III. Organization & Administration: In conjunction with another group?  Yes  No  

March 14, 6:00	Tucker Hamilton	U.S. Air Force
March 15, 6:00	Darius Yaghoubi	NASA
March 16, 6:00	Zulfiqhar Taqui	Airbus Americas

Emails reminders were sent daily to all engineering students, faculty and staff.
- IV. Cost & Personnel Requirements: None.
- V. Special Problems: None
- VI. Overall Evaluation/Results: Attendance at the talks varied, with an average of 30 people attending the three talks. Students reported enjoying the talks and the speakers expressed an interest in giving future talks to the university.
- VII. Index of Exhibits: List of Speakers

## Aerospace Week Speakers Series

### March 14 Speaker

Lt. Col. Tucker Hamilton is an Experimental Fighter Test Pilot for the United States Air Force and is the current Commander of the U.S. Air Force F-35 Integrated Test Force. He is also an American Institute of Aeronautics and Astronauts Distinguished Lecturer. He was the lead test pilot on 11 test programs, supporting the newest software, systems and weapons for the 450-plus F-15 fleet. Col Hamilton presented virtually.

### March 15 Speaker

Darius Yaghoubi, one of NASA's Marshall Space Flight Center's Lead Aerospace Engineers working on the Mars Ascent Vehicle. Darius presented virtually. Darius talked about the projects that he's been involved in and details about how NASA will return samples of the Martian soil to Earth for study.

### March 16 Speaker

Zulfiqhar Taqui is Head of Cabin Engineering Upgrade Services at Airbus Americas in Mobile. This talk was held in person.

Figure 1. List of Speakers

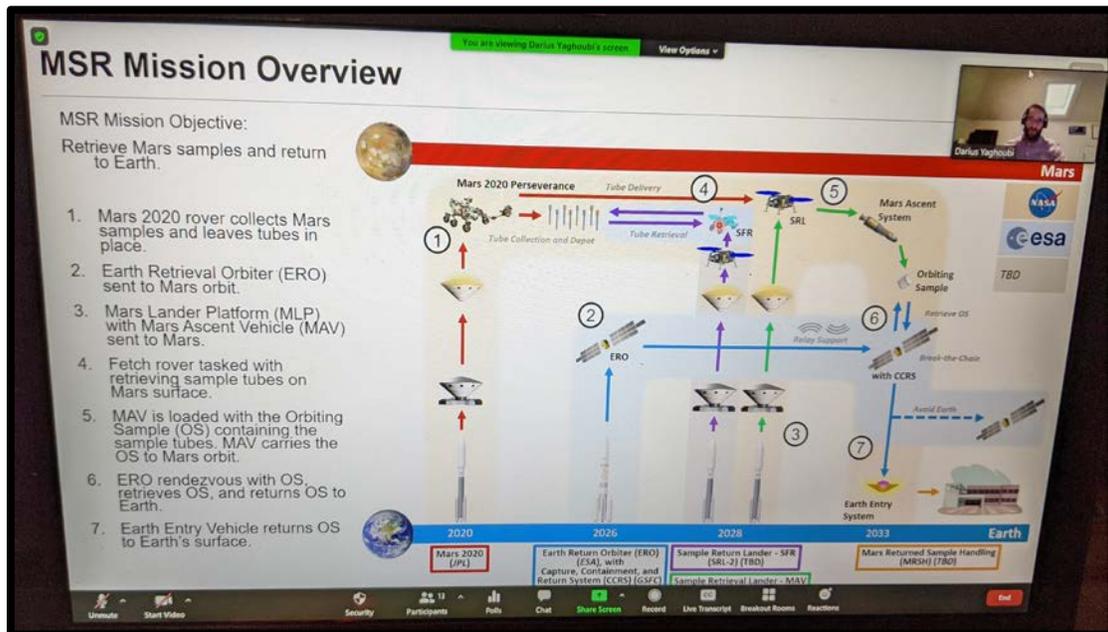


Figure 2. Screen for NASA talk

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon
Project number: 12
<input checked="" type="checkbox"/> New Project <input type="checkbox"/> Old Project

---

Project name: AIAA Project Presentations

Date(s) of Project: 3/14/22

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 7 Electees: 0

---

Hours spent on this project:

Organizing: 2

Participating: 3

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: This demonstrations were the first event of South Alabama's Aerospace Week, organized by TBII. It involved coordinating the College of Engineering's Aerospace organizations to demo their work for students stopping by. The event lasted three hours and included demonstrations of student-built airplanes, satellite technology and rockets.
- II. Purpose & Relationship to Objectives of TBII: The purpose of the Demonstrations was to provide an opportunity for students to gain information about aerospace options in the college and provide networking opportunities for the students.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
This project was in conjunction with Design Build Fly and Launch Society student organizations.
- IV. Cost & Personnel Requirements: Members from various organizations volunteered their time for demonstrations.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: Many engineering students showed up during the demonstrations. The demonstrations provided great publicity for aerospace engineering programs opportunities in the college.
- VII. Index of Exhibits: Photo

## Demonstrations

### **Participants**

Cody Dunlap  
Aaron Godfrey  
Bryson Hatcher  
Hayden Jenkins  
Alex Jin  
Evan Moulds  
William Sergeant

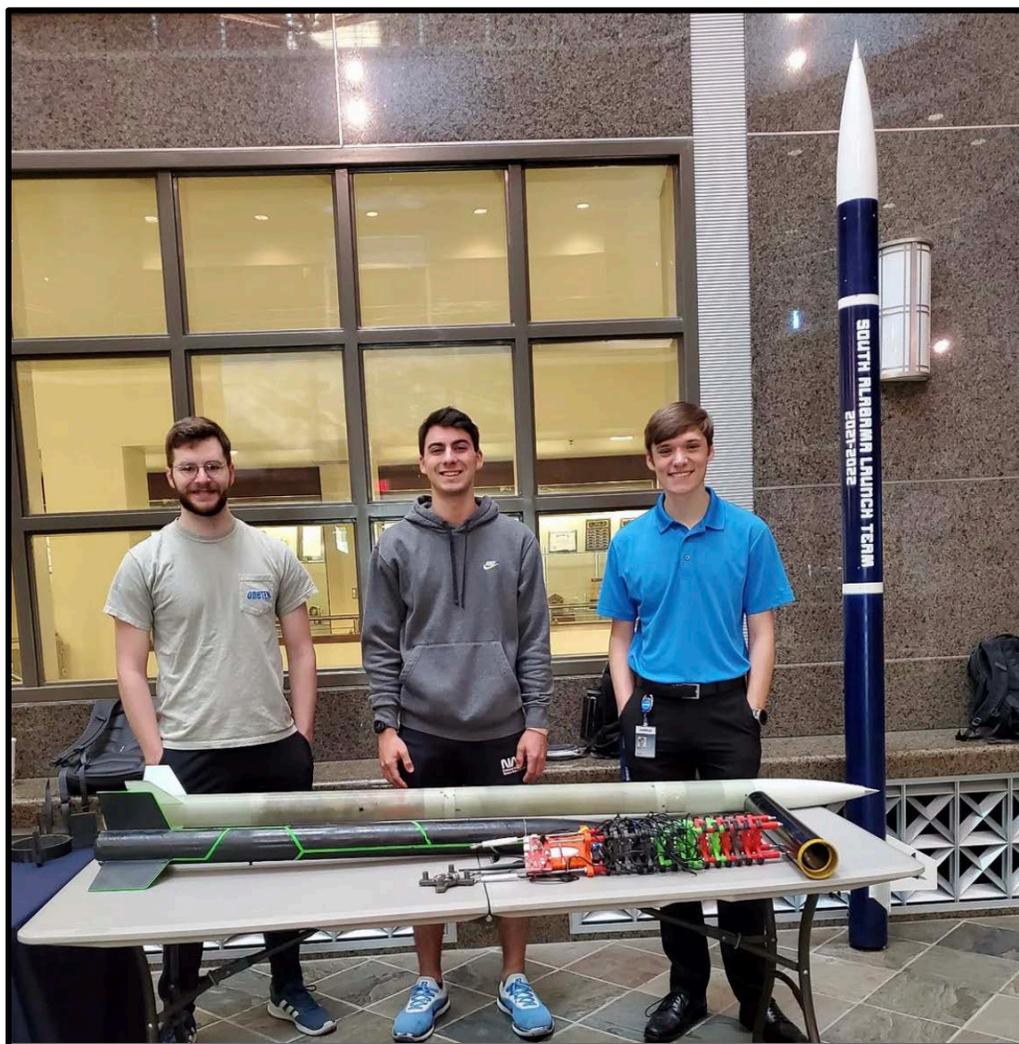


Figure 1. AIAA Society demonstrating their rockets during Aerospace Week

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 13  
 New Project  Old Project

---

Project name: Glider Assembly

Date(s) of Project: 3/15/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project:

Members: 2    Electees: 1

---

Hours spent on this project.

Organizing: 2

Participation: 2

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The competition was set up in the atrium of the engineering building so that students could come by between classes and build a glider using foam board. Materials were provided for the students to use in the construction.
- II. Purpose & Relationship to Objectives of TBPi: This is an interactive, highly engaging activity to introduce students to aerospace options in engineering.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Members of American Institute of Aeronautics and Astronautics (AIAA) student society assisted with the competition and provided expertise in building the gliders.
- IV. Cost & Personnel Requirements: Materials from the previous year were available for building gliders.
- V. Special Problems: None
- VI. Overall Evaluation/Results: Ten students built a glider. The flights attracted spectators, which helped increase interest in aerospace engineering. This was a very popular event and really pushed students to think outside the box to create a successful flying glider.
- VII. Index of Exhibits: List of participants, Photo

## Glider Assembly

### List of Participants

#### Members

Cody Dunlap  
Hayden Jenkins

#### Electees

William Altawal

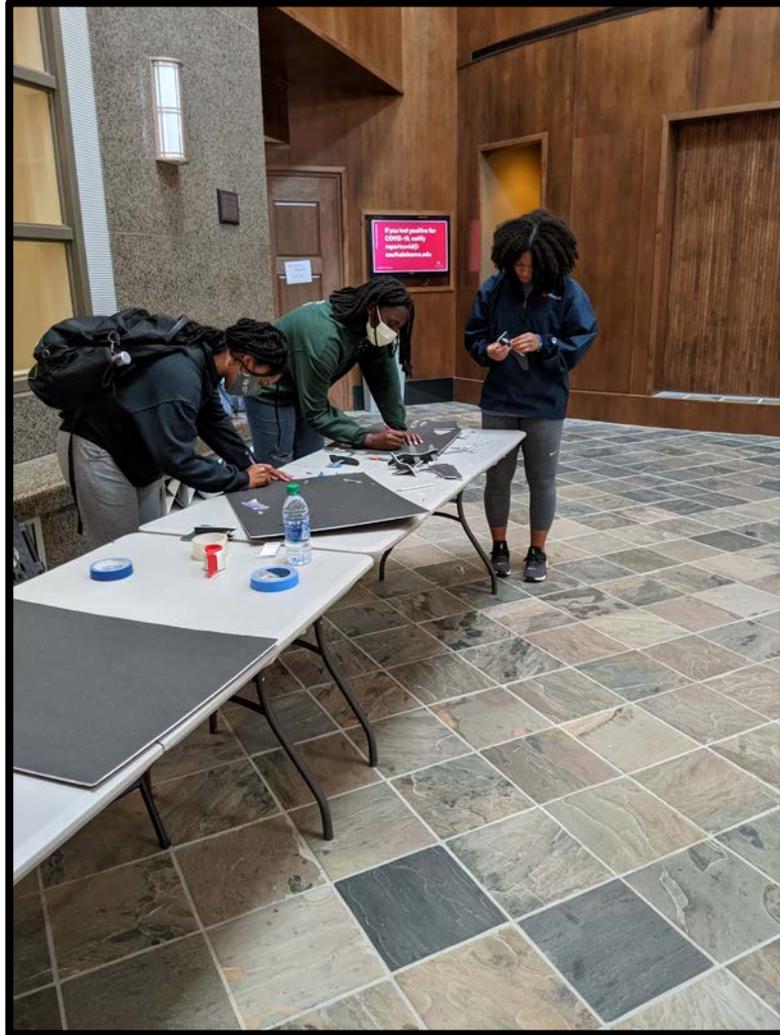


Figure 1. Glider construction

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 14  
 New Project  Old Project

---

Project name: Racing Drone Demo

Date(s) of Project: 3/17/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project:

Members: 2    Electees: 3

---

Hours spent on this project:

Organizing: 2    Participating: 2

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Dan Pelkey, U.S. Coast Guard, demonstrated his collection of first person view racing drones, taught the students about different classes of drones and allowed some to test fly the drones.
- II. Purpose & Relationship to Objectives of TBPI: To inform students about drone building, operation, racing and how drones might be used in engineering.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: None
- V. Special Problems: None.
- VI. Overall Evaluation/Results: 15 – 20 engineering students attended the demonstration. A few of the students tested out flying a drone.
- VII. Index of Exhibits: List of participants, Photo

## Drone Demonstration

### List of Participants

#### Members

Cody Dunlap  
Hayden Jenkins

#### Electees

Randall Coxwell  
Emily Pierce  
William Wearren



Figure 1. Drone display

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 15  
 New Project  Old Project

---

Project name: Movie Night

Date(s) of Project: 3/18/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Number of persons who participated in this project.  
Cody Dunlap

Members: 1    Electees: 0

---

Hours spent on this project.

Organizing: 1    Participation: 3

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The Movie, "Interstellar", was shown in Shelby Hall to conclude Aerospace Week. Popcorn and Astronaut Ice Cream were served.
- II. Purpose & Relationship to Objectives of TBPII: This event provided engineering students with a social evening to interact with other students.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: The Popcorn and Ice Cream were left over from previous events.
- V. Special Problems: None
- VI. Overall Evaluation/Results: Fifteen students enjoyed the movie on a Friday evening. Attendance was low, we believe due to it being a weekend night. Next year, the chapter will consider offering movie night earlier in the week or planning a cook out.
- VII. Index of Exhibits: None

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 16  
 New Project  Old Project

---

Project name: Order of the Engineer Ceremony

Date(s) of Project: 12/10/21 & 5/6/22

---

Target Audience:  Community/ Liberal Culture    University/ College    Profession/ Engineering    Chapter/ Social    Education: Prof Development

---

Participants in project: See attached list

Members: 10

Electees: 0

---

Hours spent on this project:

Organizing: 1

Participating: 2

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The Order of the Engineer ceremonies were held in conjunction with graduation at the University of South Alabama. Tau Bates helped set up for the ceremony, greeted the guests, and arranged and directed graduates before and during the ceremony. The Order of the Engineer was established in the United States to foster a spirit of pride, individual integrity and responsibility in the engineering profession, to bridge the gap between training and practice, and to present to the public a visible symbol (ring) identifying the engineer. It parallels the Canadian Order of the Iron Ring.
- II. Purpose & Relationship to Objectives of TBPI: The objectives of the Order of the Engineer align with the exemplary character requirement for membership in Tau Beta Pi. Tau Bates must exhibit integrity of character, which includes honor and high standards of truth and justice.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
The event was in conjunction with the College of Engineering.
- IV. Cost & Personnel Requirements: Tau Beta Pi members are required for guest greeting, lining up graduates in order of the program, and for ushering.
- V. Special Problems: None
- VI. Overall Evaluation/Results: Graduating seniors, MS and PhD candidates participated in the ceremonies. Families and friends also attended. Approximately 75 attended the fall ceremony, while nearly 500 attended the spring ceremony.
- VII. Index of Exhibits: Participant Lists, Photos

## Order of Engineer Ceremony

### Fall Ceremony

1. Rebecca Bivins
2. Ian Cox
3. Wade Naritoku

### Spring Ceremony

4. William Altawal
5. Mason Brasher
6. Ramiz Yusuf
7. Zachary Flood
8. Danielle Flores
9. Brennan McIlwain
10. Emily Pierce



Figure 1. Fall ceremony



Figure 2. Tau Beta Pi President Caroline Franklin at spring ceremony



Figure 3. Tau Bates Madison Grace and Shelby Tucker

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 17  
 New Project  Old Project

Project name: Discover Engineering Day

Date(s) of Project: 10/28/21

Target Audience:  Community/  
Liberal Culture  University/  
College  Profession/  
Engineering  Chapter/  
Social  Education:  
Prof Development

Participants in project: See attached list

Members: 2 Electees: 12 Others: 19

Hours spent on this project:

Organizing: 2 Participating: 3

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The college of engineering invited local middle school students to participate in hands-on activities, to enhance recruitment efforts. One high school also attended. Tours and demonstrations were given to 500 students from the following local schools:  
Clark Shaw, Dunbar, Gulf Shores, Leakesville, Theodore High School
- II. Purpose & Relationship to Objectives of TBPI: The purpose of this program is to advance the engineering profession and further interest in engineering careers.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Discover Engineering is coordinated by the Dean's Office. Tau Bates served as tour guides and also assisted faculty with department demonstrations.
- IV. Cost & Personnel Requirements: Approximately fifty volunteers are required for the various tasks. The Dean's Office provided lunch for the volunteers.
- V. Special Problems: Lunch was provided by the Dean's Office for the volunteers.
- VI. Overall Evaluation/Results: The tours and demonstrations were all very successful. The students learned about different fields of engineering in a fun learning environment
- VII. Index of Exhibits: Photos, List of Participants, Schedule



Figure 1. Students waiting for tours.

# Discover Engineering Day

## Participants

### Members

1. Cody Dunlap
2. Caroline Franklin

### Electees

1. Ian Adkins
2. Avery Barnes
3. Corbin Baum
4. Mason Brasher
5. Logan Caldwell
6. Garrett Jacobs
7. Tyler Jacobs
8. Ethan Martin
9. Zach Miller
10. Mariam Omar
11. Josselyn Vieyra-Sanchez
12. Ramiz Yusuf

### Others

1. Braxton Daw
2. Connor Cobb
3. Daniel Hodgins
4. David Jay
5. Elanna Breau
6. Jalisha Littles
7. John Hamilton
8. Keith Garri
9. Kierra Ross
10. Kyle Moore
11. Lane Powell
12. Maddy Ezell
13. Matt Kowalski
14. Mia Sarafijanovic
15. Nadia James
16. Nathan Davis
17. Nicholas Schock
18. Paige Palazzo
19. Patrick Dunn



Figure 2. Balloon Skewers



Figure 3. Rockets

8:20 Open House											
	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11
	Cartesian Diver	Geotechnical	Dry Ice/Diaper Dust	Rockets	Dream Big Video	Balloon Skewers	Maze Robot/Theremin	West Point Bridge	CubeSat	Video Processing	Dye Absorption
	Mechanical	Civil	Chemical	Mechanical	General EG	Mechanical	ECE	Civil	ECE	ECE	Chemical
	1321	1316	Water Fountain Area	Atrium	2218	3312	3206	3207	3211	3213	1314
8:20-8:40	Clark Shaw 1 Kirksey	Dunbar 1	Clark Shaw 2 Kirksey	Dunbar 2	Clark Shaw 3 Kirksey	Dunbar 3	Clark Shaw 4 Kirksey	THS 1	Clark Shaw 1 Houston	THS 2	Clark Shaw 2 Houston
8:45-9:05	Clark Shaw 2 Houston	Clark Shaw 1 Kirksey	Dunbar 1	Clark Shaw 2 Kirksey	Dunbar 2	Clark Shaw 3 Kirksey	Dunbar 3	Clark Shaw 4 Kirksey	THS 1	Clark Shaw 1 Houston	THS 2
9:10-9:30	THS 2	Clark Shaw 2 Houston	Clark Shaw 1 Kirksey	Dunbar 1	Clark Shaw 2 Kirksey	Dunbar 2	Clark Shaw 3 Kirksey	Dunbar 3	Clark Shaw 4 Kirksey	THS 1	Clark Shaw 1 Houston
9:35-9:55	Clark Shaw 1 Houston	THS 2	Clark Shaw 2 Houston	Clark Shaw 1 Kirksey	Dunbar 1	Clark Shaw 2 Kirksey	Dunbar 2	Clark Shaw 3 Kirksey	Dunbar 3	Clark Shaw 4 Kirksey	THS 1
10:00-10:20	THS 1	Clark Shaw 1 Houston	THS 2	Clark Shaw 2 Houston	Clark Shaw 1 Kirksey	Dunbar 1	Clark Shaw 2 Kirksey	Dunbar 2	Clark Shaw 3 Kirksey	Dunbar 3	Clark Shaw 4 Kirksey

DEPART

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 18  
 New Project  Old Project

---

Project name: Pumpkin Catapult Competition

Date(s) of Project: 10/30/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 2 Electees: 5

---

Hours spent on this project:

Organizing: 1

Participating: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The Pumpkin Catapult Competition was organized by Flight Works Alabama and TBPI where middle and high school students had the opportunity to build different forms of catapults and compete to see which invention would launch a pumpkin the farthest.
- II. Purpose & Relationship to Objectives of TBPI: The purpose of the Pumpkin Catapult Competition was to provide assistance and enthusiasm to kids who are expressing interest in the field of engineering. This event was also a great opportunity for TBPI members to connect with the community and showcase to the possible future engineers the opportunities TBPI can provide as an engineer.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
This project was in conjunction with Flight Works Alabama.
- IV. Cost & Personnel Requirements: All of the trebuchets were built by the teams. No costs for this event.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: More than 10 different teams (with roughly 4 people per team) attended the Pumpkin Catapult Competition. TBPI members were able to talk to students and promote Tau Beta Pi.
- VII. Index of Exhibits: Photo, List of Participants

# Pumpkin Catapult Competition



Figure 1. TBP Members marking launch distance



Figure 2. TBP Volunteers



Figure 3. TBP Members setting up markers

## List of Participants

### **Members**

1. Caroline Franklin
2. Danielle Walzak

### **Electees**

1. Mason Brasher
2. Danielle Flores
3. Jostin Nguyen
4. Zachary Flood
5. Tyler Jones

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon
Project number: 19
<input type="checkbox"/> New Project <input checked="" type="checkbox"/> Old Project

---

Project name: E-Week Engineering Open House

Date(s) of Project: 2/24/2022

---

Target Audience:  Community/ Liberal Culture     University/ College     Profession/ Engineering     Chapter/ Social     Education: Prof Development

---

Participants in project: See attached list

Members: 10    Electees: 8    Others: 39

---

Hours spent on this project:

Organizing: 2    Participating: 3

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: An annual Open House is conducted for local high school students in conjunction with Engineers Week. Hands-on demonstrations are developed by each of the four departments in the college, to give the high school students a look at the different engineering disciplines.
- II. Purpose & Relationship to Objectives of TBPI: The purpose of this program is to advance the engineering profession and further interest in engineering careers.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
E-Week is sponsored by the engineering student council. The Open House is coordinated by the Dean's Office. The tours are conducted in two shifts: 8:20 and 11:00, dividing the students into groups of 20. Tau Bates served as tour guides and also assisted faculty with department demonstrations.
- IV. Cost & Personnel Requirements: Fifty volunteers are required for the various tasks. Lunch was provided for the volunteers by the Dean's Office.
- V. Special Problems: This is the first year that high schools were invited, so many of the demonstrations needed to be modified with higher level content.
- VI. Overall Evaluation/Results: Tours were given to 300 students from eight schools in two local counties. The students learned about different fields of engineering in a fun learning environment.
- VII. Index of Exhibits: List of Participants, Schedule

## E-Week Engineering Open House Participants

### Tour Guides

#### Members

1. Cody Dunlap
2. Danielle Flores
3. Caroline Franklin
4. Aaron Godfrey
5. Zach Miller
6. Mariam Omar
7. Josselyn Vieyra-Sanchez

#### Electees

1. William Altawal
2. Randall Coxwell
3. Justin Dyer
4. Jacob Lake
5. Kiara Risher
6. William Wearren

#### Others

1. Keisha Bruno
2. Braxton Daw
3. Maddy Ezell
4. Daniel Fleming
5. Keith Garri
6. Samuel Hudson
7. Nadia James
8. David Jay
9. Jalisha Littles
10. Paige Palazzo
11. Chassity Parker

### Demonstrations

#### Members

1. Logan Caldwell
2. Evan Moulds
3. Wade Naritoku

#### Electees

1. Mohammed Al-Abdullah
2. Emily Pierce

#### Others

1. Jacob Absten
2. Saleh Ahmad
3. Abdulrahman Alali
4. Omar Alazzeah
5. Mitchell Appleberry
6. Ben Barnes
7. Reagan Bonner
8. Elanna Breau
9. Chase Caffman
10. Dylan Casstevens
11. Patrick Conley
12. Ben Coulter
13. Patrick Dunn
14. Nathan Esbensen
15. Tanner Hall
16. Brandon Hallman
17. Tyrese Harris
18. Dewan Mahmudullah
19. Marshall Manning
20. Hunter McLaurin
21. Kyle Moore
22. Vincent Parker
23. Kierra Ross
24. Drew Russ
25. Waleed Saoud
26. Mia Sarafijanovic
27. Adam St. Amant
28. Levi Ta

8:20 Open House											
	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11
	Cartesian Diver	Geotechnical	Elephant Toothpaste or Dry Ice	Rockets	Dream Big Video	Balloon Skewers	Maze Robot/ Theremin	Video Processing	Diaper Dust or Cabbage Ph	CubeSat	Bridge Competition
	Mechanical 1321	Civil 1316	Chemical Water Fountain	Mechanical Atrium	Civil 3306	Mechanical 3312	ECE 3206	ECE 3213	Chemical 4142	ECE 4213	Civil 1314
8:20-8:40	St. Lukes 1 (16)	Baker HS (15)	Citronelle HS (20)	Theodore 1 (15)	Theodore 2 (15)	Phillans (25)	St. Lukes 2 (16)	Davidson 1 (20)	Davidson 2 (20)	Davidson 3 (20)	St. Lukes 3 (17)
8:45-9:05	St. Lukes 3 (17)	St. Lukes 1 (16)	Baker HS (15)	Citronelle HS (20)	Theodore 1 (15)	Theodore 2 (15)	Phillans (25)	St. Lukes 2 (16)	Davidson 1 (20)	Davidson 2 (20)	Davidson 3 (20)
9:10-9:30	Davidson 3 (20)	St. Lukes 3 (17)	St. Lukes 1 (16)	Baker HS (15)	Citronelle HS (20)	Theodore 1 (15)	Theodore 2 (15)	Phillans (25)	St. Lukes 2 (16)	Davidson 1 (20)	Davidson 2 (20)
9:35-9:55	Davidson 2 (20)	Davidson 3 (20)	St. Lukes 3 (17)	St. Lukes 1 (16)	Baker HS (15)	Citronelle HS (20)	Theodore 1 (15)	Theodore 2 (15)	Phillans (25)	St. Lukes 2 (16)	Davidson 1 (20)
10:00-10:20	Davidson 1 (20)	Davidson 2 (20)	Davidson 3 (20)	St. Lukes 3 (17)	St. Lukes 1 (16)	Baker HS (15)	Citronelle HS (20)	Theodore 1 (15)	Theodore 2 (15)	Phillans (25)	St. Lukes 2 (16)
	<i>DEPART</i>										

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 20  
 New Project  Old Project

---

Project name: Mobile Regional Science & Engineering Fair

Date(s) of Project: 3/11/22

---

Target Audience:  Community/ Liberal Culture    University/ College    Profession/ Engineering    Chapter/ Social    Education: Prof Development

---

Participants in project: See attached list.

Members: 6   Others: 13

---

Hours spent on this project:

Organizing: 5

Participating: 2

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The Mobile Regional Science & Engineering Fair was held in-person by the University of South Alabama. TBP members assisted with registration, set up tables for the event, and interviewed junior (middle school) participants. The competing high school and middle school students were encouraged to investigate careers in science and engineering.
- II. Purpose & Relationship to Objectives of TBPI: This project promotes science and engineering as well as higher education. This relates to Tau Beta Pi's K-12 initiative.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
The event is organized by the Colleges of Engineering and Arts & Sciences.
- IV. Cost & Personnel Requirements: None. Lunch was provided to volunteers by the two colleges.
- V. Special Problems: Pre-covid, over 500 students competed in the fair. Last year, the fair was held virtually, which resulted in a drastic reduction in participants. Most of the difference this year was lack of participation by high school students. Hopefully, interest will increase in this group.
- VI. Overall Evaluation/Results: 192 middle and high school students presented projects. The Fair was a good learning experience for the students who participated. It was rewarding to meet and interview local middle school and high school students and see their growing interest in science and engineering.
- VII. Index of Exhibits: List of Participants, Photos

# Mobile Regional Science & Engineering Fair

## List of Participants

### Members

1. Ian Cox
2. Danielle Flores
3. Garrett Jacobs
4. Tyler Jacobs
5. Evan Moulds
6. Mariam Omar

### Others

1. Abby Mock
2. Avery Evans
3. Britney Mack
4. De'Asia Aaron
5. Destinie digs
6. Destiny Hardy
7. Elanna Breau
8. Hannah Raspberry
9. Keegan Everitt
10. Madison Ezell
11. Meaghan Jones
12. Micah Dickens
13. Rachel McShan



Figure 1. Middle school participants



Figure 2. Tyler Jacobs and Ian Cox interviewing participant

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 21  
 New Project  Old Project

---

Project name: Coastal Cleanup

Date(s) of Project: 09/18/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 4    Electees: 0    Others: 1

---

Hours spent on this project:

Organizing: 2    Participating: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The seminar was organized to provide an opportunity for members to assist the community in helping clean the waters at 5 Rivers Delta Center. Kayaks were used to collect trash and debris from the water.
- II. Purpose & Relationship to Objectives of TBPI: This event allowed Tau Beta Pi members and other students interested in the environment to serve the community.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
This event was organized in conjunction with Coastal Cleanup, which holds an annual event for trash pickup in local areas.
- IV. Cost & Personnel Requirements: Kayaks were rented from USA's Outdoor Adventure, \$60.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: Several bags of trash and a large barrel cone were removed from the delta and returned to the Coastal Cleanup tent for proper disposal.
- VII. Index of Exhibits: Photos, List of Participants

## Coastal Cleanup

### List of Participants

#### **Members**

1. Caroline Franklin
2. Evan Moulds
3. Cody Dunlap
4. Danielle Walzak

#### **Others**

1. Travis Shirah



Figure 1: TBP volunteers



Figure 2: Danielle Walzak and Evan Moulds with barrel cone pulled from the delta.



Figure 3: Caroline Franklin with a bag of trash picked up from the delta

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 22  
 New Project  Old Project

---

Project name: Tailgating

Date(s) of Project: 10/14/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list.    Members: 3    Electees: 4    Advisors: 3

---

Hours spent on this project:    Organizing: 1    Participating: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The Alabama Epsilon Chapter of TBPI chose to host an engineering tailgating event during the Fall semester. Food was provided by Hargrove Engineers + Constructors, the sponsor of the event, for the students, faculty, and alumni to enjoy before the football game. Tau Beta Pi members set up the tailgating equipment and conducted games during the event.
- II. Purpose & Relationship to Objectives of TBPI: The purpose of tailgating is to provide a relaxed and fun environment for the students to mingle with other students, faculty, and alumni. This event also increases the awareness of TBPI in engineering community and is an opportunity for members to network with engineering professionals in the local area.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Engineering tailgating is sponsored by the College of Engineering. Tau Bates managed organizing and setting up for tailgating. All engineering students, faculty, and alumni were invited.
- IV. Cost & Personnel Requirements: Volunteers required to set up the venue and serve as hosts.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: The tailgating event was very successful. The students enjoyed themselves, and had an opportunity to mingle with students from other disciplines and societies as well as alumni and faculty from the college, as well as industry leaders.
- VII. Index of Exhibits: Photo, List of Participants

## Tailgating

### List of Participants

#### Members

1. Rebecca Bivens
2. Hayden Jenkins
3. Caroline Franklin

#### Electees

1. Tyler Jones
2. Zach Miller
3. Maria Verde
4. Brooke Whitfield

#### Advisors

1. Eric Steward
2. John Steadman
3. Sally Steadman



Figure 1. Flyer



Figure 2. Hargrove Director Ron Stallworth (Eminent Engineer) with engineering students and District Director Caden Moore

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 23  
 New Project  Old Project

---

Project name: BuddyWalk

Date(s) of Project: 10/16/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list.

Members: 1    Electees: 2    Others: 1

---

Hours spent on this project:

Organizing: 1

Participating: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description:

The BuddyWalk is an annual event held to raise money and awareness for the Down Syndrome Society of Mobile. Vendors serve food and host games for the “walkers” and their families.

II. Purpose & Relationship to Objectives of TBPI:

This is a great volunteer opportunity for members and increases the visibility of our organization.

III. Organization & Administration: In conjunction with another group?  Yes  No

IV. Cost & Personnel Requirements: None.

V. Special Problems: None.

VI. Overall Evaluation/Results:

The students that participated in this volunteer event believe it was a great experience and gave great insight into the Down Syndrome Society and their goals for raising the money. Additionally, the hosts of the event reported that our volunteers were a great help and look forward to them helping in the future.

VII. Index of Exhibits: Photos, List of Participants

## BuddyWalk



Figure 1. TBP Members at the BuddyWalk



Figure 2. TBP Electee, Ramiz Yusuf, Running a Booth



Figure 3. Ramiz Playing with Participants



Figure 4. Caroline and Ramiz Selfie with Participant

## List of Participants

### **Members**

1. Caroline Franklin

### **Electees**

1. Ramiz Yusuf
2. Madison Howard

### **Others**

1. Madison Ezell

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 24  
 New Project  Old Project

---

Project name: Christmas Adam

Date(s) of Project: 12/23/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: Caroline Franklin, Eric Steward (advisor)

Members: 2

---

Hours spent on this project:

Organizing: 2

Participating: 6

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: For the past nine years, Chapter Advisor Dr. Eric Steward and his son have raised funds to provide meals anonymously to underprivileged families in the community. The meals are dropped off at doorsteps on the day before Christmas Eve (hence the name Christmas Adam). This year, Tau Beta Pi conducted a social media campaign to raise money for this project via Instagram, Venmo, and GoFundMe. Chapter president Caroline Franklin assisted Dr. Steward and his son since the total amount of money raised was greater than in previous years with Tau Beta Pi's contributions.
- II. Purpose & Relationship to Objectives of TBPi: This project allowed all chapter members to participate in a virtual fundraising campaign amid pandemic restrictions which limited outreach activities. The purpose was to provide community assistance despite pandemic hardships.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: Donations were accepted from chapter members and others through social media. The total collected by TBPi was \$293.
- V. Special Problems: Pictures were not taken to respect the privacy of the people who the groceries were delivered to.
- VI. Overall Evaluation/Results: Caroline Franklin, who helped purchase and deliver the meals, gained an invaluable experience in community service.
- VII. Index of Exhibits: Fundraising Flyer

Christmas Adam



Figure 1. Fundraising Flyer

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 25  
 New Project  Old Project

---

Project name: Professor of the Year

Date(s) of Project: 10/28/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 6 Electees: 10

---

Hours spent on this project:

Organizing: 2    Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Since 2002, the chapter has annually selected a Professor of the Year. The award is made to an engineering faculty member who has gone above and beyond to help students become outstanding engineers. Members in each department nominate a faculty member from the department and advocate to the chapter for the faculty nominee. All TBPI members vote on the selection. An engraved name plate is added to the Professor of the Year Plaque, which is displayed in the lobby of the engineering building. The award was presented to the professor during the fall faculty meeting at the end of the semester.
- II. Purpose & Relationship to Objectives of TBPI: The award recognizes outstanding scholarship by the faculty as well as service to the student body.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: The University of South Alabama College of Engineering arranges and pays for the engraving.
- V. Special Problems: None
- VI. Overall Evaluation/Results: Civil Engineering professor Dr. Eric Steward was selected as the Professor of the Year for 2021. The faculty awardees continue to express how impactful the award is. Dr. Steward sent a heartfelt message to the chapter for his award.
- VII. Index of Exhibits: Photo, Thank you from Dr. Steward

## Professor of the Year List of Participants

### Members

1. Wade Naritoku
2. Evan Moulds
3. Caroline Franklin
4. Aaron Godfrey
5. Ian Cox
6. Hayden Jenkins

### Electees

1. Zachary Flood
2. Danielle Flores
3. Madison Howard
4. Tyler Jacobs
5. Garrett Jacobs
6. Mariam Omar
7. Ramiz Yusuf
8. Zachary Miller
9. Lucas Kirby
10. Shelby Tucker



Figure 1. Caroline Franklin and Ian Cox Presenting Award to Dr. Eric Steward

Caroline,

Please forward this message to the entire TBP chapter for me.

Dear Tau Beta Pi - Alabama Epsilon members,

I am so humbled and honored to have even been considered for the TBP Professor of the Year award, let alone to have been chosen. I have received many awards during my career, but this one means the most to me because it is completely chosen and voted on by students. I have always regarded the TBP Professor of the Year award to be the pinnacle of awards for faculty and I can not thank you enough for this recognition. It was made even more special by having Ian present it with such heartfelt and kind words. I have had an emotional weekend trying to wrap my head around accepting this.

Thank you, thank you.

EJS

**Eric J. Steward, Ph.D., P.E.**

Associate Dean of Undergraduate Affairs, College of Engineering

Associate Professor, Civil, Coastal, & Environmental Engineering Department

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 26  
 New Project  Old Project

---

Project name: Engineering Faculty and Staff Awards      Date(s) of Project: 1/22 & 3/29/2022

---

Target Audience:  Community/ Liberal Culture     University/ College     Profession/ Engineering     Chapter/ Social     Education: Prof Development

---

Participants in project: See attached list      Members: 23

---

Hours spent on this project:      Organizing: 1      Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The College of Engineering accepts nominations from all engineering student organizations and honor societies for “Excellence in Teaching” and “Outstanding Staff” awards. Tau Beta Pi used a chapter meeting as a platform to discuss potential nominees for these awards and the merits of each candidate. After candidates were discussed, the chapter voted to select a faculty and a staff nominee for the awards. The nominees were selected based on their dedication to the student body, particularly as they excelled in normalizing students’ experience during a pandemic.
- II. Purpose & Relationship to Objectives of TBPI: The awards serve as a way for organizations such as Tau Beta Pi to honor faculty and staff who make all our efforts possible and provide motivation and support to our members.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
All engineering student organizations take part in this event, but Tau Beta Pi’s nominations were conducted independently.
- IV. Cost & Personnel Requirements: There was no cost. Personnel included all member in attendance at the chapter meeting.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: Mechanical Engineering professor Dr. Carlos Montalvo was nominated for the Excellence in Teaching Award. Nani Perez was nominated for the Outstanding Staff Award.
- VII. Index of Exhibits: List of Participants

# **Professor of the Year**

## **List of Participants**

### **Members**

1. Logan Caldwell
2. Danny Nguyen
3. Mason Brasher
4. Madison Howard
5. Ramiz Yusuf
6. Brooke Whitfield
7. Ara Haji
8. Garrett Jacobs
9. Tyler Jacobs
10. Shelby Tucker
11. Ian Adkins
12. Corbin Baum
13. Jostin Nguyen
14. Zachary Flood
15. Avery Barnes
16. Mariam Omar
17. Danielle Flores
18. Maria Verde
19. Josselyn Vieyra Sanchez
20. Aaron Godfrey
21. Stephen Cahoon
22. Hayden Jenkins
23. Ian Cox

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 27  
 New Project  Old Project

---

Project name: Outstanding Sophomore Scholarship

Date(s) of Project: 4/4/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project:

Members: 8

Electees: 0

---

Hours spent on this project:

Organizing: 2

Participation: 4

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Each year, Alabama Epsilon awards a \$1000 scholarship to a sophomore enrolled at the University of South Alabama. Selection is based on scholarship and service to the university. Applicants must meet minimum GPA requirements and have completed sophomore-level courses in their engineering discipline. Member duties advertisement for the scholarship and reviewing applications.
- II. Purpose & Relationship to Objectives of TBPI: The purpose of this scholarship is to award high-achieving students the year prior to their eligibility for Tau Beta Pi membership. This introduces students to Tau Beta Pi while upholding Tau Beta Pi principles of promoting excellence in academics and service.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Criteria established for the scholarship:
- Academic achievement
  - Involvement in civic and extracurricular activities
  - Career goals
  - Applicants were also asked to provide a faculty recommendation.
- Information was posted on the college message board and emails were sent to sophomore engineering students with GPAs >3.4. A committee of Tau Beta Pi members and an advisor reviewed the applications and selected the recipient.
- IV. Cost & Personnel Requirements: The chapter has repeatedly earned a Chapter Project Award, which provides \$500 for the scholarship. The College of Engineering matches the \$500, for a total of \$1000.
- V. Special Problems: The applicant pool was much smaller this year, partially attributable to lower student involvement since Covid restrictions have been in place. However, all applicants were extremely well qualified.

VI. Overall Evaluation/Results: There were 5 candidates in the applicant pool. Each of these students is expected to be a candidate for membership next fall. Julia Nelson, mechanical engineering, was chosen as the recipient and was recognized at the College Awards Luncheon.

VII. Index of Exhibits: List of Participants, Award Letter, Flyer

## Outstanding Sophomore Scholarship

### List of Participants

#### **Members**

1. Mason Brasher
2. Stephen Cahoon
3. Brennan Mcilwain
4. Maria Verde
5. Josselyn Vieyra

6. Brooke Whitfield
7. Ramiz Yusuf

#### **Advisor**

1. Joseph Richardson

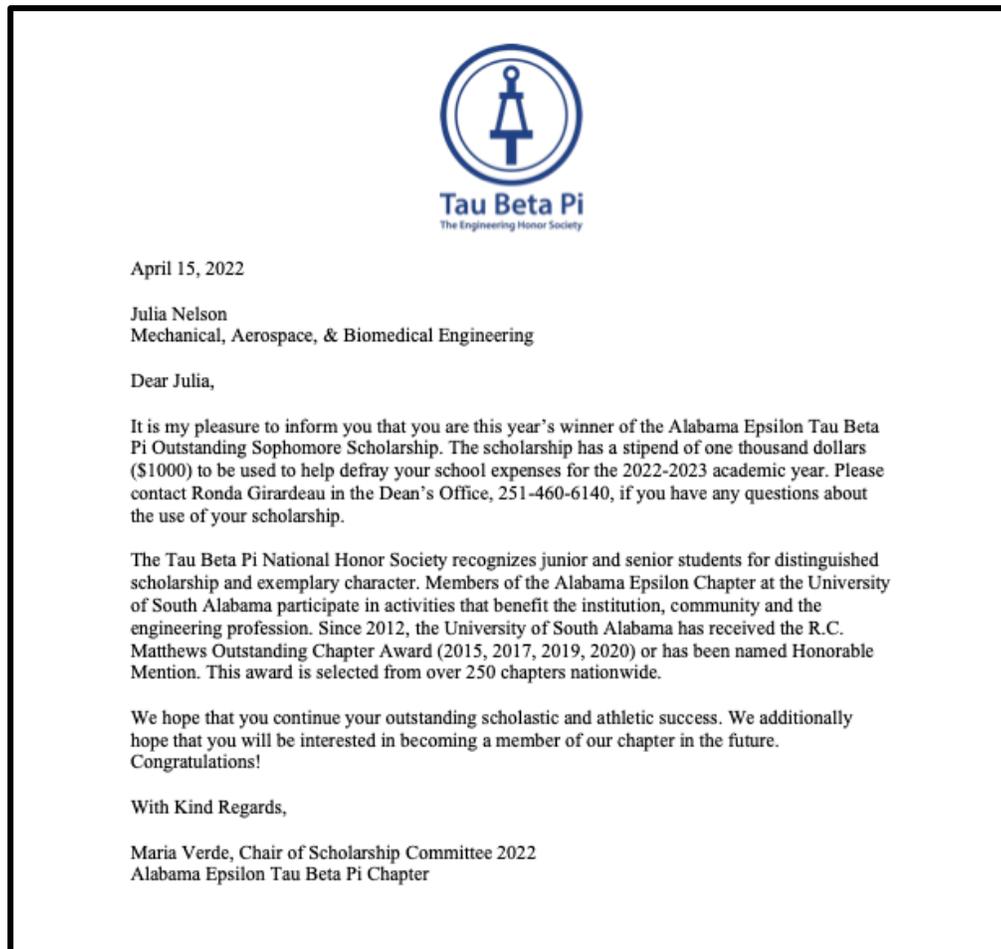


Figure 1. Scholarship Award Letter

# Outstanding Sophomore Scholarship

Tau Beta Pi



## Eligibility:

- Minimum 3.4 GPA
- Full-Time Student
- Engineering Student

## Selection Criteria:

- Academic Achievement
- Community and Extracurricular Involvement
- Outstanding Conduct and Character

## Application Process:

- Google Form Application
- A Letter of Recommendation from a College of Engineering Faculty

20  
22

\$1000  
Award

Deadline:  
April 4, 2022 11:59pm



Figure 2. Scholarship Flyer

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 28  
 New Project  Old Project

---

Project name: Dean's Letter to Initiate Families

Date(s) of Project: 2021-2022

---

Target Audience:  Community/ Liberal Culture    University/ College    Profession/ Engineering    Chapter/ Social    Education: Prof Development

---

Participants in project: Sally Steadman (Advisor)

Members: 1

---

Hours spent on this project:

Organizing: 2

Participating: 0

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description:

The Dean prepared a letter of congratulations, which was sent to the families of the new members.

II. Purpose & Relationship to Objectives of TBPI:

This promotes Tau Beta Pi and encourages students to be active members.

III. Organization & Administration: In conjunction with another group?  Yes  No

IV. Cost & Personnel Requirements:

Provide initiate information and addresses to Dean.

V. Special Problems: None

VI. Overall Evaluation/Results:

Many of South's students are first generation or commuter students and don't necessarily know the value of belonging to an honor society. This letter helps promote Tau Beta Pi to the families, so they are supportive of the candidate joining the organization. Many of South's students work while attending school; thus, paying the initiation fee is difficult for these students.

VII. Index of Exhibits: Sample Letter



UNIVERSITY OF SOUTH ALABAMA

November 15, 2021

To the family of Avery Barnes,

Avery has recently been selected for membership in the engineering honor society, Tau Beta Pi. This is a very important recognition of the accomplishments of outstanding students in the College of Engineering at the University of South Alabama. On behalf of all the members of the faculty, I extend to you and Jaber sincere congratulations.

Tau Beta Pi is the second oldest Greek-letter honor society in America; the oldest is Phi Beta Kappa. Both societies are well known and respected throughout the United States. The latter is restricted to students in the liberal arts, while Tau Beta Pi offers recognition for superior scholarship and exemplary character to engineering students and professionals.

Tau Beta Pi was established at the University of South Alabama in 1990 and is a major student organization in this college. The Alabama Epsilon Chapter is an honor society that pays tribute to outstanding students and provides a vehicle for these students to assume leadership roles in the college and be of distinctive service. The members of Tau Beta Pi participate in activities that benefit the university community and add to the liberal education of engineering students. Each chapter selects service projects of interest to the members. Past chapters have assisted with the Engineering Open House and other pre-college activities and hosted seminars for engineering students. The chapter honors an outstanding faculty member with a Professor of the Year Award. Members are recognized at graduation by wearing the Tau Beta Pi stole. I am especially happy to announce that the USA chapter was recently honored with the R. C. Matthews Award for the most outstanding chapter in the U.S.

As a member myself for many years, I heartily applaud Avery's membership in Tau Beta Pi.

Sincerely,

A handwritten signature in black ink, appearing to read 'John M. Usher'. The signature is written in a cursive, flowing style.

John M. Usher, Ph.D., P. E.  
Dean

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 29  
 New Project  Old Project

---

Project name: Executive Retreat

Date(s) of Project: 6/12/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 11

Electees: 0

---

Hours spent on this project:

Organizing: 2

Participating: 2

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The chapter officers held an Executive Retreat to plan activities for the upcoming year. The retreat was held at the home of the chief advisor, Dr. Sally Steadman. The social setting was conducive to building camaraderie among the officers.
- II. Purpose & Relationship to Objectives of TBII: The purpose of the retreat is to establish the foundation for a successful chapter.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: Food was provided by the advisor.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: The chapter officers established a meeting schedule for the first semester. They made plans for an active year, which included a week of activities to celebrate Tau Beta Pi during initiation and a second week in the spring for Aerospace Week.
- VII. Index of Exhibits: List of Participants

#### Members

1. Caroline Franklin
2. Ian Cox
3. Stephen Cahoon
4. Madison Grace
5. Cody Dunlap
6. Danielle Walzak
7. Aaron Godfrey
8. Alex Jin

#### Advisors

9. Sally Steadman
10. Joseph Richardson
11. Eric Steward

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 30  
 New Project  Old Project

---

Project name: Speaker Series

Date(s) of Project: 2021-2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project:

Organizers: Ian Cox, Stephen Cahoon

Members: 2

Others: 6

---

Hours spent on this project:

Organizing: 2

Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: Guest speakers were invited to present at the bi-weekly Tau Beta Pi member meetings. Topics were selected to coincide with TBP and university events.
- II. Purpose & Relationship to Objectives of TBPI: The speakers series was initiated to attract more members to the meetings and inform them about campus activities.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: Lunch was provided at each event at an average cost of \$62.40.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: The speakers enjoyed participating in our meetings and the members that attended received useful information.
- VII. Index of Exhibits: List of Speakers

## Speaker Series

Dr. Eric Steward, advisor, spoke on community service to motivate new members to participate in TBP projects.

Eminent Engineer, Ronnie Stallworth, presented on his life and the struggles he faced while pursuing an engineering degree. He also announced discounts to TBP members for his book, *Cracks in the Wall*. This talk took place during Black History Month.

Dr. Christy West, advisor and Director of SURF, presented information about the undergraduate research fellowship program (SURF) that the university holds every summer and encouraged members to apply for the program.

Dr. Dean Naritoku, father of member Wade Naritoku, spoke about telehealth and the advancements made during COVID-19. Dr. Naritoku is Chair of Neurology at USA Health.

Graduate students Harry McCaskill and Rachel Chai, Tau Bate, spoke about their research on wastewater treatment being conducted in the Black Belt, through the University of South Alabama Civil Engineering Department. This research has been featured on CBS *Sixty Minutes*.

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 31  
 New Project  Old Project

---

Project name: Social Media

Date(s) of Project: 2021-2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: Madison Grace

Members: 1

---

Hours spent on this project:

Organizing: 3

Participating: 5

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The Alabama Epsilon Chapter of TBPI managed the Instagram page to keep members informed on upcoming activities and to share images of activities with the engineering community.

Instagram: @usa\_tbp

II. Purpose & Relationship to Objectives of TBPI: The purpose is to increase chapter visibility and to promote the chapter's activities.

III. Organization & Administration: In conjunction with another group?  Yes  No

IV. Cost & Personnel Requirements: None

V. Special Problems: The Alabama Epsilon Facebook account was not updated this year, but the incoming Social Media chair will be responsible for posting on both platforms. Location - Facebook: @usatbp

VI. Overall Evaluation/Results: The Instagram page generated many views from TBPI members and alumni as well as students that were not in TBPI. The page was used in order to promote each meeting and other events happening around the College. The Instagram was also used to highlight our members for their achievements! Additionally, the use of social media to fundraise for Christmas Adam was extremely successful.

VII. Index of Exhibits: Instagram Posts

# Social Media



usa\_tbp Message 👤 ▼ ⋮

56 posts   202 followers   110 following

**Tau Beta Pi - Alabama Epsilon**  
 The only engineering honor society to represent the entire engineering profession  
 Follow for all things engineering at the University of South Alabama  
[gofund.me/71f8f31a](https://gofund.me/71f8f31a)

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NOW ACCEPTING DONATIONS FOR  
*Christmas*  
*Adam*  
 UNIVERSITY OF SOUTH ALABAMA  
 TAU BETA PI ENGINEERING HONOR SOCIETY  
Website: @tbpusa - @tbpalum

**PI A PROFESSOR**  
 EINSTEIN BENCH AT SHELBY HALL  
 NOVEMBER 10  
 10:45-2:00  
**HERE'S A CHANCE TO THROW A PIE AT YOUR FAVORITE (OR LEAST FAVORITE) PROFESSOR!**

**BETA BATTLE**  
 TAU BETA PI VS. KAPPA KAPPA KAPPA  
 COMPETE AGAINST YOUR PEERS IN A SERIES OF CHALLENGING PROBLEMS FOR A PRIZE!

**TAU TOSS**  
 Toss a bag from the 4th floor of Shelby! Hit the right square and you get a prize!  
**NOVEMBER 8**  
 8:50 am - 3:35 pm  
 between classes

**TBP Week**  
 November 8-13, 2021

**Monday**  
**Tau Toss**  
 8:50 am - 3:35 pm Prizes for winners  
If your team wins the toss, your team is a winner, you win a prize!  
 (Division is between classes all day)

**Tuesday**  
**Beta Battle**  
 8:50 am - 2:00 pm Prizes for winners  
Compete against your peers in a series of challenging problems for a prize!  
 Prizes will be awarded to the winners throughout the day.

**Wednesday**  
**PI A Professor**  
 Einstein Bench (Parking Entrance) 10:45 am - 2:00 pm  
Here's a chance to throw a pie at your favorite professor for best behavior...  
 10 per pie, maximum. Prizes will go to the winner of the toss for  
 15 year classes of 2019, 2020, & 2021

**TAU BETA PI ORIENTATION MEETING**  
 THURSDAY 9/23/2021  
 12:30 SHELBY HALL ROOM 2117

**TBP MEETING TOMORROW**  
 12:30 SHELBY HALL 2117  
**FREE FOOD!!**

**Student of the Year Award:**  
 Steven Klepac

**Departmental Student of the Year:**  
 Chemical EG: Alejandro Gallegos Tovar  
 Civil EG: Steven Klepac  
 Computer EG: Trenton Howell  
 Electrical EG: Emily Nguyen  
 Mechanical EG: Abigail Koors

**CONGRATULATIONS!**

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 32  
 New Project  Old Project

---

Project name: Tau Beta Pi Polo Shirts

Date(s) of Project: Dec 2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 33

Electees: 31

---

Hours spent on this project:

Organizing: 5

Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: A chapter member designed a polo shirt, with an embroidered emblem, for the chapter members in 2018. We have been using the same shirt since then. Ten polos were on hand, and some current members already had a shirt, so an additional 51 polos (36 mens and 15 womens) were ordered. A proposal was submitted to the Student Government Association to pay for the shirts as a uniform for chapter activities.
- II. Purpose & Relationship to Objectives of TBPI: This project promotes Tau Beta Pi and gives recognition to the members. Members are encouraged to wear the shirts for chapter and college activities.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: The Student Government Association approved \$1,750 funding for the shirts. Each member received a polo at no cost.
- V. Special Problems: None
- VI. Overall Evaluation/Results: Members are pleased with the design and quality of the shirt. The polo shirt is a professional way to promote the name and significance of Tau Beta Pi. The shirts are often seen around the college, which gives the chapter increased visibility.
- VII. Index of Exhibits: Photo, List of Participants

## Tau Beta Pi Polo Shirts



Figure 1. TBP Officers Ian Cox, Caroline Franklin, and Cody Dunlap wearing polos

### List of Participants

#### **Members**

1. Anderson, Asher B.
2. Bivins, Rebecca M.
3. Bruno, Keisha R.
4. Cahoon III, Stephen E.
5. Cox, Ian P.
6. Davis, Morgan S.
7. Dunlap, Cody A.
8. Franklin, Caroline M.
9. Godfrey, Aaron J.
10. Grace, Madison N.
11. Hatcher, Bryson J.
12. Howze IV, Patrick H.
13. Hicks, Eugene M.
14. Huerta Jr., Alfredo B.
15. Jenkins, Hayden L.
16. Jin, Alex
17. Lim, Melanie C.
18. Mattox, James A.
19. Mayes, Cullyn M.
20. Maynard, Joshua D.
21. McIlwain, Brennan P.
22. Mendez-Vallejos, Mauricio A.
23. Moulds, Evan R.
24. Naritoku, Wade K.
25. Nguyen, Hoang Viet Cuong
26. Sergeant, William M.
27. Stallworth II, Marcus I.
28. Waller, Colby C.
29. Walzak, Danielle K
30. Yang, Joshua
31. Yates, Tyler M.
32. Young, Sarah G.
33. Baldwin, Bryant M.

#### **Fall Electees**

1. Adkins, Ian E.
2. Barnes, Avery C.
3. Baum, Corbin A.
4. Brasher, Mason S.
5. Brougham, Collin S.
6. Caldwell, William L.
7. Flood, Zachary J.
8. Flores, Danielle M.
9. Haji, Ara S.
10. Howard, Madison N.
11. Jacobs, Garrett A.
12. Jacobs, Tyler L.
13. Jones, Tyler P.
14. Kirby, Lucas W.
15. Martin, Ethan D.
16. Miller, Zachary M.
17. Nguyen, Danny
18. Nguyen, Jostin
19. Omar, Mariam H.
20. Tucker, Shelby L.
21. Verde, Maria
22. Vieyra-Sanchez, Josselyn C.
23. Whitfield, Brooke L.
24. Yusuf, Ramiz

#### **Spring Electees**

1. William Altawal
2. Randall Coxwell
3. Justin Dyer
4. Jacob Lake
5. Emily Pierce
6. Kiara Risher
7. William Wearren

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 33  
 New Project  Old Project

---

Project name: Bent Polishing

Date(s) of Project: 10/28/2021 – 11/4/2021

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project:

Members: 6

Electees: 20

---

Hours spent on this project:

Organizing: 2

Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: New Initiate project to polish the large TBPI brass bent in front of the College of Engineering.
- II. Purpose & Relationship to Objectives of TBPI: The purpose of this project is to instill a sense of pride and sense of comradery in the initiates while keeping our public emblem in good condition. This brings honor to our chapter, profession, and to TBPI. We also want to increase the visibility of TBPI as an organization within the College of Engineering.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
Initiates signed up to polish the bent in various shifts. Electees, as well as members, were invited by email and in meetings to help polish the bent.
- IV. Cost & Personnel Requirements: Brasso, Never-Dull, Steel Wool, and Polishing cloths
- V. Special Problems: None.
- VI. Overall Evaluation/Results: Each time the bent is polished, people comment on the appearance. It also installs a sense of pride in the members and initiates.
- VII. Index of Exhibits: List of Participants

# **Bent Polishing**

## **List of Participants**

### **Members**

1. Ian Cox
2. Stephen Cahoon
3. Caroline Franklin
4. Aaron Godfrey
5. Hayden Jenkins
6. Ivan Stallworth

### **Electees**

1. Logan Caldwell
2. Danny Nguyen
3. Mason Brasher
4. Aaron Hall
5. Madison Howard
6. Ramiz Yusuf
7. Brooke Whitfield
8. Ara Haji
9. Garrett Jacobs
10. Tyler Jacobs
11. Shelby Tucker
12. Ian Adkins
13. Corbin Baum
14. Jostin Nguyen
15. Zachary Flood
16. Avery Barnes
17. Mariam Omar
18. Danielle Flores
19. Maria Verde
20. Josselyn Vieyra Sanchez

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 34  
 New Project  Old Project

---

Project name: Initiate Receptions

Date(s) of Project: 11/12/2021 & 3/24/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list

Members: 8 Electees: 35

---

Hours spent on this project.

Organizing: 2    Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

#### I. General Description:

The AL-E chapter of TBPI held a fall and spring initiation. A reception was conducted for the new members immediately preceding the ceremonies. Faculty and family members were invited to help congratulate the new members. Light refreshments were served. Additionally, a current TBPI member escorted parents and friends in attendance on a tour of the College of Engineering while electees were inducted.

#### II. Purpose & Relationship to Objectives of TBPI:

The purpose of the reception and tour was to immediately instill in new members a family atmosphere of TBPI and of the AL-E chapter. By personally congratulating each new member, we show our commitment to their current and continued academic success. We also want to incite interest in each new member's future participation in TBPI.

#### III. Organization & Administration: In conjunction with another group? Yes No

#### IV. Cost & Personnel Requirements: \$75 for refreshments and volunteers were needed for each reception.

#### V. Special Problems: None.

#### VI. Overall Evaluation/Results:

The new members and their parents appreciated the personal support and attention we provide at our initiations. Many friends and family comment on the well-organized nature of the event and walk away with a wonderful first impression of TBPI.

#### VII. Index of Exhibits: List of Participants, Photos

## Initiation Receptions

### **Fall Members**

1. Stephen Cahoon
2. Ian Cox
3. Cody Dunlap
4. Caroline Franklin
5. Madison Grace
6. Hayden Jenkins
7. Danielle Walzak

### **Fall Electees**

1. Adkins, Ian E.
2. Baldwin, Bryant
3. Barnes, Avery C.
4. Baum, Corbin A.
5. Brasher, Mason S.
6. Brougham, Collin S.
7. Caldwell, William L.
8. Flood, Zachary J.
9. Flores, Danielle M.
10. Haji, Ara S.
11. Hall, Aaron
12. Howard, Madison N.
13. Jacobs, Garrett A.
14. Jacobs, Tyler L.
15. Jones, Tyler P.
16. Kirby, Lucas W.
17. Martin, Ethan D.
18. Miller, Zachary M.
19. Nguyen, Danny
20. Nguyen, Jostin
21. Omar, Mariam H.
22. Tucker, Shelby L.
23. Verde, Maria
24. Vieyra-Sanchez, Josselyn C.
25. Whitfield, Brooke L.
26. Yusuf, Ramiz

### **Spring Members**

1. Stephen Cahoon
2. Ian Cox
3. Caroline Franklin
4. Aaron Godfrey
5. Hayden Jenkins
6. Danielle Walzak

### **Spring Electees**

1. Al-Abdullah, Mohammed M.
2. Altawal, William I.
3. Coxwell, Randall C.
4. Dyer, Justin M.
5. Lake, Jacob C.
6. Pierce, Emily G.
7. Risher, Kiara A.
8. Uddin, Md Nazim
9. Wearren, William A.



Figure 1. Participants enjoying refreshments at spring reception



Figure 2. Fall Initiates



Figure 3. Officers who organized and greeted at the fall initiation reception



Figure 4. Officers who organized and greeted at the spring initiation reception

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 35  
 New Project  Old Project

---

Project name: TBPI Graduation Stoles      Date(s) of Project: Dec 11, 2021 & May 6, 2022

---

Target Audience:  Community/  
Liberal Culture       University/  
College       Profession/  
Engineering       Chapter/  
Social       Education:  
Prof Development

---

Participants in project: See attached list      Members      Fall      Spring  
9      25

---

Hours spent on this project:      Organizing: 2      Participating: 2

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: TBPI graduation stoles are either loaned or sold to graduating members to wear in graduation ceremonies.
- II. Purpose & Relationship to Objectives of TBPI: The program increases the awareness of TBPI in the engineering college, university, and the community and provides recognition for the outstanding students in TBPI.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
The chapter purchases stoles, to have on hand for the graduating members to either purchase or to check out. Announcements about wearing stoles at graduation are made in meetings, emailed to the graduating members, and distributed with general graduation procedures by the Dean's Office. The stoles are numbered and are distributed through the Dean's Office. Follow-up emails are sent to remind members to return the stoles.
- IV. Cost & Personnel Requirements: Stoles were purchased for \$22 each. A \$22 deposit is required to check out a stole; the deposit is returned when the stole is returned in its original condition.
- V. Special Problems: We realized the stock of stoles was running low, so more were ordered.
- VI. Overall Evaluation/Results: The stoles were worn by all students participating in graduation ceremonies.
- VII. Index of Exhibits: List of Participants

**Graduation Stoles**  
**List of Participants**

**Fall 2021**

1. Jackson K. Baldwin
2. Melanie C. Lim
3. Mauricio A. Mendez-Vallejos
4. Tyler M. Yates
5. Aaron T. Hall
6. Christopher N. Ingram
7. Minh D. Lu
8. Kevin H. Pham
9. Boyan M. Vasilev

**Spring 2022**

1. Asher B. Anderson
2. Rebecca M. Bivins
3. Keisha R. Bruno
4. Stephen E. Cahoon III
5. Collin R. Carithers
6. Rachel S. Chai
7. Ian P. Cox
8. Morgan S. Davis
9. Cody A. Dunlap
10. Caroline M. Franklin
11. Aaron J. Godfrey
12. Madison N. Grace
13. Eugene M. Hicks
14. Madison N. Howard
15. Alfredo B. Huerta, Jr.
16. Jacob C. Lake
17. James A. Mattox
18. Evan R. Moulds
19. William M. Sergeant
20. Shelby L. Tucker
21. Md N. Uddin
22. Josselyn C. Vieyra-Sanchez
23. Danielle K. Walzak
24. Brooke L. Whitfield
25. Elizabeth C. Winter

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 36s  
 New Project  Old Project

---

Project name: 2022 District Conference

Date(s) of Project: 03/4 - 5/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: Mason Brasher

Members: 1

---

Hours spent on this project:

Organizing: 1

Participating: 20

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The in-person district conference was held at Mississippi State University in Starkville, MS. Attendees stayed at the Comfort Inn and Suites. The conference kicked off with a team building exercise, helping attendees to get to know each other. Officer sessions and TBPI reporting were covered.
- II. Purpose & Relationship to Objectives of TBPI: The purpose of the District Conference is to learn more about the operations of TBPI, meet members from other chapters, bring ideas from other chapters to our chapter, and to foster an interest in officer roles for participants.
- III. Organization & Administration: In conjunction with another group?  Yes  No  
The conference was organized by the District Directors and the Mississippi Alpha chapter.
- IV. Cost & Personnel Requirements: Travel expenses and one night of lodging was paid for by the District. Meals were also provided at the conference.
- V. Special Problems: The Conference was held at the end of USA's spring break, so most of the officers were not available to attend.
- VI. Overall Evaluation/Results: The Alabama Epsilon incoming president attended. He was briefed on procedures for reporting and resources for officers to transition into a successful year next year. This meeting was a great collaboration opportunity as different chapters shared ideas for the upcoming year.
- VII. Index of Exhibits: Agenda, Photos

## District Conference

### TENTATIVE AGENDA

#### Friday

3:00-5:00 pm Arrive at hotel & check in  
5:00-6:00 pm Social at Mississippi State (MSU)  
6:00-7:00 pm Dinner at MSU  
6:45-7:00 pm TBP Opening, Welcome and Introductions (Ellen)  
7:00-9:00 pm DICE (Andrew) / Design Contest  
9:00 pm -12:00 After Hours (Night Life in Starkville)

#### Saturday

7:00 – 8:00 am Breakfast and Check out of hotel  
8:00 – 8:15 am Travel to School  
8:15 – 8:30 am Ice Breaker  
8:30 – 10:45 am Chapter Officer Sessions (MSU)  
Online Reporting / Leadership or Class  
10:45-11:00 am Group Photo  
11:00 – 12:00 pm Alumni panel (MSU) (Tentative)  
12:00 – 1:00 pm Lunch with Alumni (MSU)(Tentative)  
1:00 – 1:30 pm Executive Council Presentation (TBA)  
1:30 – 3:00 pm Chapter Officer Sessions (DDs) /Membership Discussion / Reverse Calendar  
Motivation Workshop / Activities Workshop / Image Discussion  
3:00 – 4:00 pm Discussion of next District Conference Location / Expense Reports / Closing Remarks  
4:00ish Adjourn for dinner and local activities / Leave for home



Figure 1. Selfie of Incoming President Mason Brasher at District Conference



Figure 2. Team Building Exercise

# The Tau Beta Pi Association

## Chapter Project Report

Chapter: Alabama Epsilon  
Project number: 37  
 New Project  Old Project

---

Project name: Officer Transition

Date(s) of Project: 4/1/2022

---

Target Audience:  Community/  
Liberal Culture     University/  
College     Profession/  
Engineering     Chapter/  
Social     Education:  
Prof Development

---

Participants in project: See attached list.

Members: 17

---

Hours spent on this project:

Organizing: 1

Participating: 1

---

### DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

- I. General Description: The chapter's outgoing officers held a meeting with incoming officers to discuss goals, expectations, responsibilities, and activities. This meeting occurred altogether, and each incoming officer was informed of their duties and expectations from their corresponding outgoing officer. They discussed their responsibilities and asking for tips on improvement.
- II. Purpose & Relationship to Objectives of TBII: The purpose of this meeting is for a smooth transition of responsibilities to new officers.
- III. Organization & Administration: In conjunction with another group?  Yes  No
- IV. Cost & Personnel Requirements: None.
- V. Special Problems: None.
- VI. Overall Evaluation/Results: The meeting was successfully arranged and resulted in exciting new officers with a better understanding of their responsibilities.
- VII. Index of Exhibits: List of Participants, Photo

## Officer Transition Meeting

### List of Participants

<b>Officer Position</b>	<b>2021-2022</b>	<b>2022-2023</b>
<b>President</b>	Caroline Franklin	Mason Brasher
<b>VP - outreach</b>	Ian Cox	Emily Pierce
<b>VP – member activities</b>	Stephen Cahoon	Brennan Mcilwain
<b>Treasurer</b>	Hayden Jenkins	Zachary Flood
<b>Corresponding Secretary</b>	Danielle Walzak	Logan Caldwell
<b>Rec Secretary</b>	Alex Jin	Ramiz Yusuf
<b>Social Media</b>	Madison Grace	Mariam Omar
<b>Historian</b>	Aaron Godfrey	Avery Barnes
<b>Chief Advisor</b>		Dr. Sally Steadman



Figure 1. 2022-23 Officers

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN											
1	Number of Projects	38	Welcome to	Freshman Sem	Graduate Sch	Leadership W	Research Sem	Tau Toss	Beta Battle	Pi Professor	Resume 1 on	Pi Day	Aero Week	Speakers	Project Pres	Glider Assem	Drone Demo	Movie Night	Order of Eng	Discover Eng	Pumpkin Trel	E Week Tour	Science fair	Coastal Clear	Tailgating	Buddy Walk	Christmas Ad	Professor of	Faculty/Staff	Outstanding	Initiate Lette	Executive Re	Speakers Ser	Social Media	TBP polos	Bent Polishin	Initiate Rece	Graduation S	District Cont	Officer Trans											
2	Total Hours Organiz	96	2	4	3	4	2	2	2	2	10	1	15	5	2	2	2	1	1	2	1	2	3	2	1	2	2	1	2	2	2	2	3	5	2	2	2	2	2	1											
3	Total Hours Particip	841	36	23	8	70	5	30	24	24	12	20	50	6	21	6	10	3	20	42	28	54	12	16	28	12	6	16	23	28	0	16	2	2	5	64	26	50	68	20	16										
4	Members	75	9	16	8	14	5	15	8	12	5	5	5	2	7	3	5	1	10	14	7	18	6	4	7	3	1	16	23	7	0	8	2	1	64	26	43	34	1	16											
5	Hours per Member		4	1	1	5	1	2	3	2	2	4	10	3	3	2	2	3	2	3	4	3	2	4	4	4	6	1	1	4	0	2	1	5	1	1	1	2	20	1											
6	UNDERGRADUATES																																																		
7	Anderson, Asher B.		3																																																
8	Bivins, Rebecca M.		16			5													2																																
9	Bruno, Keisha R.		3																																																
10	Cahoon III, Stephen E		31	4	1	1	5			3		2																	1	4					2	1		1	1	2	2		1								
11	Cox, Ian P.		32	4		1		1	2			4	4							2									1	1							2	1		1	1	2	2		1						
12	Davis, Morgan S.		7	4																																															
13	Dunlap, Cody A.		51	4	1	1	5						10	3	3	2	2	3																																	
14	Franklin, Caroline M.		47	4	2	1					2										3	4	3		4	4	4	6	1																						
15	Godfrey, Aaron J.		36	4	2		5	1			2	2	4			3													1	1																					
16	Grace, Madison N.		17	4																																															
17	Hatcher, Bryson J.		8	4												3																																			
18	Hicks, Eugene M.		3																																																
19	Howze IV, Patrick H.		2		1																																														
20	Huerta Jr., Alfredo B.		9		1		5																																												
21	Jenkins, Hayden L.		36			1	5				2		10		3	2	2											1	1																						
22	Jin, Alex		19								2		10		3																																				
23	Mattox, James A.		3																																																
24	Mayes, Cullyn M.		1																																																
25	Maynard, Joshua D.		1																																																
26	McIlwain, Brennan P.		8																																																
27	Moulds, Evan R.		16																																																
28	Naritoku, Wade K.		10			1			2																																										
29	Nguyen, Hoang Viet C		1																																																
30	Sergeant, William M.		6													3																																			
31	Stallworth II, Marcus		2																																																
32	Waller, Colby C.		2		1																																														
33	Walzak, Danielle K.		22	4							2																																								
34	Yang, Joshua		1																																																
35	Young, Sarah G.		1																																																
36	FALL INITIATES																																																		
37	Adkins, Ian E.		10							3																																									
38	Barnes, Avery C.		10					2																																											
39	Baum, Corbin A.		10							3																																									
40	Brasher, Mason S.		45		2			2	3																																										
41	Brougham, Collin S.		5							3																																									
42	Caldwell, William L.		15					2			2																																								
43	Flood, Zachary J.		14					2																																											
44	Flores, Danielle M.		26		1		5				2																																								
45	Haji, Ara S.		7																																																

