



Tau Beta Pi
Chapter Survey Project Reports
Iowa Alpha Chapter
2023-2024



Bent Polishing



Roller Coaster Competition



Pi Day Celebration



Adopt a Highway



Iowa Alpha Chapter
1300 Marston Hall
Iowa State University
Ames, IA, 50011

May 31, 2024

Chief Advisor Letter

The fall semester started well with the Welcome Picnic for the first-year students selected to participate in the Tau Beta Pi - Iowa Alpha Scholars Program. The reception was held on Sunday afternoon prior to the start of classes. Attendance was excellent with 19 of the 24 scholars attending together with 7 Cabinet Officers and myself.

An Iowa Alpha Advisory Board Meeting was held attended by 4 Cabinet Offices and 4 Advisors. A virtual meeting with the Dean of Engineering was also held with 2 Cabinet Officers and 5 Advisors participating.

Invitations to join Tau Beta Pi were sent to 543 students (433 Seniors, 110 Juniors and 79 Graduate Students). Responses were received from 74 students (35 Seniors, 29 Juniors and 10 Graduate Students) who expressed interest in joining Tau Beta Pi. Of these 46 students (20 Seniors, 20 Juniors and 10 Graduate Students) completed the initiation requirements and became members.

Iowa Alpha has traditionally had fairly extensive requirements for membership including each initiate : (i) participating in an initiate small group (three small group meetings and presentation at a General Meeting of the Chapter), (ii) attending 2 General meetings of the Chapter, (iii) participating in a Professional Development Activity, (iv) volunteering 2 hours at a Tau Beta Pi service event, (v) polishing a small bronze bent (vi), taking a quiz based upon information available on the Iowa Alpha and Headquarters websites, (vii) paying the membership fee of \$90.00 (\$55.00 to TBP Headquarters and \$35.00 to the Chapter) and (viii) attending the Tau Beta Pi Initiation Ceremony. Unfortunately, no small group leaders could be found so the initiate small meeting requirement was dropped. In addition, the chapter was unsuccessful in reserve a meeting room until the third week of October so the first Cabinet meeting was held on October 23 and the first general meeting on October 24.

Fall semester Iowa Alpha had 15 Cabinet offices of whom 11 were active in support of the initiation process and chapter activities.

Free Coffee Friday's provided coffee, tea and hot chocolate to students, faculty and campus visitors on three Friday mornings during the semester. The total number of drinks handed out was over 250.

Iowa Alpha has hosted a Pi Mile Run for students and members of the community during the Fall semester for the past 30 years and has partnered with Iowa State University Engineers' Week to hold the event the past several years. The two organizations share the cost and each organization provide volunteers to assist with the race. One Iowa Alpha Advisor, 2 Cabinet

Officers and 28 Iowa Alpha Initiates assisted with the event, which had 44 runners, a small increase from the number of runners in 2022.

At the 2023 Tau Beta Pi National Convention in Atlanta, Georgia, Iowa Alpha received the Chapter Excellence Award and the Chapter Project Award. The Iowa Alpha President, Mackenzie Donald, attended as the Voting Delegate and served as a member of the Site Selection Committee. I attended as Iowa Alpha Chief Advisor and a member of the Fellowship Board. Dr. James Hill attended in his capacity as District 11 Director and Iowa Alpha Advisor.

The Chapter hosted an in-person Engineering Futures session for the first time since the pandemic. The event was facilitated by Angadbir Singh, an Engineering Futures Facilitator, and ISU graduate and Iowa Alpha member. Both the morning and afternoon sessions focused on the three Communications modules. In total, 40 electees (34 undergraduates and 6 graduate students) and one Iowa Alpha scholar participated in the sessions. Two Cabinet Officers and I provided support for the sessions.

The Fall semester concluded with the Initiation Ceremony and Banquet on 3 December 2023. In attendance were 47 electees (40 undergraduates, 6 graduate students and 1 Eminent Engineer (who was the guest speaker at the banquet), 4 Cabinet officers, 1 Tau Beta Pi member, 2 Advisors, and 40 parents and guests of the new members. With the initiation of 47 new members the total number of Iowa Alpha members was 8,680

Spring semester invitations to join Tau Beta Pi were sent to 576 students (357 Seniors, 126 Juniors and 93 Graduate Students). Responses were received from 91 students (32 Seniors, 43 Juniors and 16 Graduate Students) who expressed interest in joining Tau Beta Pi. Of these 41 students (13 Seniors, 20 Juniors and 8 Graduate Students) completed the initiation requirements and became members. One electee were unable to attend the initiation ceremony and their initiation has been postponed to the Fall 2024.

Spring semester Iowa Alpha had 13 Cabinet offices of whom 11 were active in support of the initiation process and chapter activities.

The Iowa Alpha Pie Day celebration was very successful. The event was held on Thursday March 7, since Pi Day itself fell during the Spring Break of the University. Forty pies (Apple, Cherry, Peach and Strawberry-Rhubarb) were purchased, and pieces placed in individual pie containers to allow recipients to easily take a piece. Pie was mainly handed out to students. However, several faculty members stopped by as well as groups of campus visitors (potential future students and their parents). The pie was handed out over a two-hour period, from 1:00 to 3:00 pm. In total all 320 pieces of pie were distributed, meeting our goal of giving away 100 Pi pieces of pie.

This year the Chapter jointly sponsored an Engineers' Semi-Formal with the Engineering Student Council. Overall organization and advertising was done jointly by Engineering Student Council and Iowa Alpha with the cost of the event shared by the two organizations. Attendance was up significantly from last year with over 50 engineers and their guests enjoying a plated dinner, silent disco and socialization.

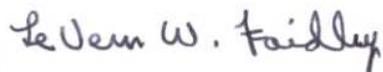
The Annual District 11 Spring Conference was held in Duluth, Minnesota on April 12-13, 2024, hosted by the Minnesota Beta Chapter of Tau Beta Pi. All 8 chapters were represented and advisors from 5 chapters also attended. The conference was exceptionally well organized by the host chapter. The Iowa Alpha representatives were the current and incoming Chapter Presidents, James Hill, District 11 Director and Iowa Alpha Advisor and me.

The Annual Roller Coaster Competition was organized in cooperation with the Iowa State University Office of Risk Management. Since the event involved youth, all volunteers had to undergo background checks resulting in only a few electees, officers and members completing the volunteer requirements to assist with the event. The competition hosted a total of 58 students, 19 middle school students from 2 middle schools and 39 high school students from one high school. The Rube Goldberg challenge for the competition was to "Ring the Bell". The three middle school teams and eleven high school teams were very enthusiastic many dressed in costumes related to the theme of their roller coaster. Due to the small number of student volunteers, judging of the roller coasters was carried out by one Iowa Alpha faculty advisor and one student volunteer. A second advisor recorded the scores and determining the winning teams. The assistance of the Faculty Advisors and. Multiple hours worked by the student volunteers was instrumental in the success of the event which could not have been successful without their assistance.

The initiation ceremony and banquet were held on Sunday, April 28, 2024. the day prior to the start of dead week. In attendance were 43 electees (34 undergraduates and 9 graduate students), 8 Cabinet officers, 1 Tau Beta Pi member, 3 Advisors, and 31 parents and guests of the new members. With the initiation of 43 new members the total number of Iowa Alpha members reached 8,703.

Thank you to TBP Headquarters for the support and assistance provided during the year.

Sincerely,



LeVern W. Faidley
Chief Advisor – Iowa Alpha Chapter of Tau Beta Pi
levern@faidley.org or levern@iastate.edu

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1 Scholars Welcome Reception

Iowa Alpha

1. Project Information

- i. Date(s): 08/20/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Scholars Program
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|---------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 7 |
| Iowa Alpha Scholars | 19 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

At the beginning of the Fall semester each year an event is organized for the Tau Beta Pi – Iowa Alpha Scholars selected by the College of Engineering from among first year engineering students in the top 12.5% of their class after 1 semester at the university. The chapter is provided contact information for the students, who apply for the program through the College of Engineering scholarship application process. Spring semester 2023 twenty-four scholars were selected to receive a \$500.00 scholarship and the opportunity to participate in the program. Participants came from all 8 departments within the College of Engineering so many of the scholars do not know each other prior to being selected for the Scholar’s Program. The goal of the reception was to introduce the scholars to Tau Beta Pi and the scholar’s program and give them a chance to personally meet Tau Beta Pi cabinet members, advisors, and other students participating in the scholars program. An icebreaker activity are organized for entertainment, each scholar was presented with a Tau Beta Pi Certificate recognizing their selection as an Iowa Alpha Scholar and refreshments were served. The reception was held on Sunday evening, 20 August 2023, the weekend prior to the start of classes. The reception, which in the past was held at an Ames city park, this year was instead held in the Atrium of Sukup Hall on campus, which was fortunate since outside temperature was nearly 100 degrees F.

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

The purpose of the scholar's picnic is to help the scholars get to know each other and meet the Scholars Program Chair and some of the leaders of the Chapter. It introduces the scholars to Tau Beta Pi and informs them of social events, workshops and other activities planned for the scholars during the semester.

iii. **Organization and Administration**

An Advisor reserved the Atrium for the reception during the summer. He also purchased the food and drinks for the reception. The scholars and the Chapter officers introduced themselves telling something about themselves indicating their hometown, major what they did during the summer. An announcement was made of the events and activities planned for scholars during the Fall semester. An announcement of the reception was sent to the scholars requesting them to indicate whether or not they would be able to attend and was followed up with a reminder to those who did not reply to the initial announcement. The response of scholars was excellent, with 21 of the 24 scholars responding to the invitation and 19 scholars being able to attend.

iv. **Total Cost**

\$154.25

v. **Cost Breakdown**

The rental of the Sukup Atrium was \$80.00. Cost of the food and drinks was \$74.25. A Chapter Advisor paid for the refreshments. Personnel whose attendance was needed included Cabinet Officers, the Chief Advisor.

vi. **Special Problems Encountered**

The outside temperature was extremely hot, so having the reception in the air conditioned atrium was fortunate and something the chapter will continue in the future

vii. **Overall Evaluation**

The reception was very successful. The scholars, Tau Beta Pi officers and advisor were able to meet and visit with each other. Everyone who attended had a good time. It was interesting to visit with the scholars about their summer activities and plans for the Fall semester. Attendance of scholars and officers was higher than anytime in the past. It is hoped that the large attendance of scholars will continue in the future.

3. **Additional Attachments**

Figure 1: Participant Registration

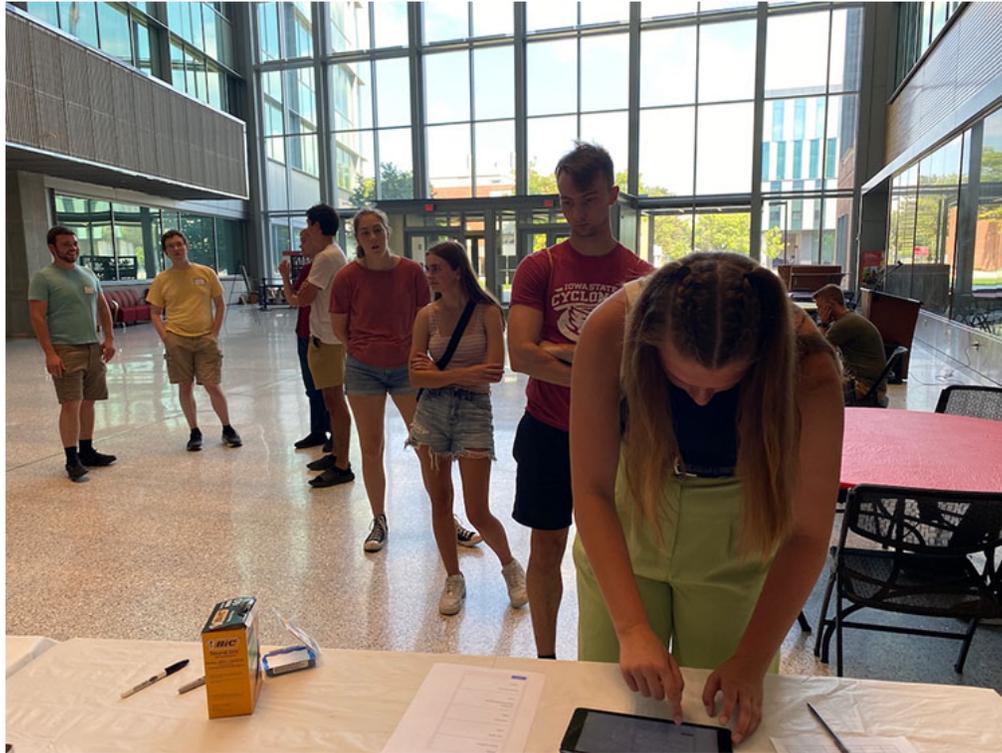


Figure 2: Scholars getting to know each other



Figure 3: Scholars enjoying refreshments



Figure 4: Scholar enjoying refreshments



2 Advisory Board Meeting

Iowa Alpha

1. Project Information

- i. Date(s): 08/22/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 4 |
| Cabinet Officers | 4 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

At the beginning of each Semester the Advisory Board holds a meeting to review the state of the chapter, discuss the time schedule of activities for the coming semester, and set goals for the Chapter. The Fall 2023 meeting was attended by Cassandra Volpe, Chapter President; Mackenzie Donald, Vice President; Evan Gillis, Treasurer; Erik Dralle, Corresponding Secretary, and 4 Chapter Advisors: James Hill, Amy Kaleita, Richard Stone, and LeVern Faidley.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The meeting of the Advisory Board is intended to fulfill its responsibility as stated in the Tau Beta Pi Constitution: "The Advisory Board shall act as an advisory and judiciary committee to determine the advisability of any action taken or proposed by the Chapter."

iii. Organization and Administration

Members of the Advisory Board were contacted through a Schedule Poll to arrange a convenient time when as many of the Advisory Board members as possible could attend. The meeting was held in the Elings Hall conference room.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This meeting discussed several topics concerning the chapter operations. The College of Engineering recently approved an undergraduate Biomedical Engineering degree. The Advisory Board approved the addition and submission of revised Iowa Alpha Bylaws with this change to the Iowa Alpha members for approval. With the difficulty getting initiate small group leaders and the large number of initiates who start the initiation process but drop out before becoming members it was agreed to drop the requirement of initiates participating in an initiate small group. The Vice President noted that she had been given approved for Iowa Alpha to assist in an outreach program to promote STEM in public schools and it was agreed the chapter participate in the effort. With the new Engineering Futures program offering in-person sessions it was agreed that Iowa Alpha try to host a session for initiates and members. With low attendance at general meeting Spring semester 2023, it was decided to move the meeting time to from 6:00 pm to 5:00 pm this Fall. Due to family commitments the President indicated she would be unable to attend the National Convention and it was agreed the Vice President will be the Voting Delegate and the Chapter will try to recruit another member to attend as an alternate. Officers and members were encouraged to participate in the Virtual Corporate and Graduate School Career Fair being hosted by Tau Beta Pi Headquarters. It was noted the Chapter's financial resources were very good with over \$6,500 in the Student Organization account and the chapter being informed it would receive a \$2,000 donation from Collins Aerospace Corporation. No change in dues was considered necessary. The chapter will initiate a newly appointed Department Chair as an Eminent Engineer fall semester and hopes to identify candidates for the McDonald Mentoring and Distinguished Alumni national awards.

3. **Additional Attachments**

Figure 5: Iowa Alpha Officers



Figure 6: Iowa Alpha Advisors



3 Iowa Alpha Bylaw Revision

Iowa Alpha

1. Project Information

- i. Date(s): 09/07/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 4 |
| Cabinet Officers | 11 |
| Members | 29 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

During the Summer of 2023 the College of Engineering approved Biomedical Engineering as a new undergraduate program within the Chemical and Biological Engineering Department. This required an amendment to the Iowa Alpha Bylaws to include the new program as an approved eligible undergraduate program for membership in Tau Beta Pi. The amendment was discussed by the Iowa Alpha Advisor Board at its meeting on 22 August 2023 and unanimously approved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The amendment to the Iowa Alpha Bylaws was to fulfill the preamble to the Tau Beta Pi Constitution to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as students.

iii. Organization and Administration

Following approval of the amendment to the bylaws by the Iowa Alpha Advisory Board the amendment was submitted to the membership of the chapter through a Google Form giving them a 2 week time period in which to respond.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The vote on the amendment went well with unanimous approval being given by both the advisory board and members participating in the vote on the amendment. In total, 4 Advisors, 11 Cabinet Officers and 29 members voted to approve the amendment. The revised Bylaws were submitted to Tau Beta Pi Headquarters through the on-line Report of Bylaws Amendment for Collegiate Chapters and also placed on the Iowa Alpha website.

3. **Additional Attachments**

Figure 7: ByLaw Amendment



**Report of Bylaws Amendment
for Collegiate Chapters**

Chapters are requested to submit this cover sheet any time a new version of its bylaws are approved and submitted to Headquarters for review and filing.

Chapter: Iowa Alpha Date Chapter Approved: 6 Sep 2023
 Report Date: 31 August 2023 Date Advisory Board Approved: 22 Aug 2023

Eligible Undergraduate Programs

Please list the location (bylaw, section, page) where the listing of eligible undergraduate programs may be found in the chapter's bylaws. Also list all undergraduate programs the chapter considers for membership in Tau Beta Pi. Attached additional sheets if necessary.

Bylaw: VII Section: 3 Page: 8

Listing of Programs:

| | |
|---------------------------------------|----------------------------------|
| <u>Aerospace Engineering</u> | <u>Cybersecurity Engineering</u> |
| <u>Agricultural Engineering</u> | <u>Electrical Engineering</u> |
| <u>Biological Systems Engineering</u> | <u>Environmental Engineering</u> |
| <u>Biomedical Engineering</u> | <u>Industrial Engineering</u> |
| <u>Chemical Engineering</u> | <u>Materials Engineering</u> |
| <u>Civil Engineering</u> | <u>Mechanical Engineering</u> |
| <u>Computer Engineering</u> | <u>Software Engineering</u> |
| <u>Construction Engineering</u> | |

Eligible Graduate Programs

Please list the location (bylaw, section, page) where the listing of eligible graduate programs may be found in the chapter's bylaws. Also list all graduate programs the chapter considers for membership in Tau Beta Pi. If the chapter does not consider graduate students, enter "N/A" in the *Bylaw* box. Attach additional sheets if necessary.

Bylaw: VII Section: 5 Page: 8

Listing of Programs:

| | |
|--|--|
| <u>Aerospace Engineering</u> | <u>Engineering Mechanics</u> |
| <u>Agricultural and Biosystems Engineering</u> | <u>Energy Systems Engineering</u> |
| <u>Chemical Engineering</u> | <u>Industrial Engineering</u> |
| <u>Civil Engineering</u> | <u>Materials Science and Engineering</u> |
| <u>Computer Engineering</u> | <u>Mechanical Engineering</u> |
| <u>Electrical Engineering</u> | <u>Systems Engineering</u> |

Figure 8: Bylaw Amendment



Report of Bylaws Amendment for Collegiate Chapters

Fiscal Year

A chapter's fiscal year should be listed in the bylaws. Provide the location (bylaw, section, page) and the start and end dates for the fiscal year.

Bylaw: IX Section: 2 Page: 10
Fiscal Year Start: 1 July Fiscal Year End: 30 June

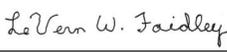
Exemplary Character Evaluation Procedure

The Tau Beta Pi Constitution (Art. III, Sec. 1(a)) requires each chapter to include its exemplary character evaluation procedure to be listed in its bylaws. This procedure is subject to approval by the Executive Council. Provide the location (bylaw, section, page) of this procedure.

Bylaw: VII Section: 7 Page: 9

Signatures

We, the undersigned chapter officers, certify that the information included on this report and the copy of the bylaws provided is an accurate version of the chapter's bylaws as approved by the chapter and its Advisory Board.

| | | |
|---|---|------------------------------|
|  _____ President's Signature | Cassandra Volpe _____ President's Printed Name | 22 Aug 2023 _____ Date |
|  _____ Chief Advisor's Signature | LeVern Faidley _____ Chief Advisor's Printed Name | 22 Aug 2023 _____ Date |

Amendment Overview / Changes Made

Summarize the changes made to the chapter's bylaws since its last version.

Addition of Biomedical Engineering as an eligible undergraduate program.

4 Initiate Letter Stuffing

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

Invitee Letter Stuffing is done each semester as soon as the list of eligible students is available and the letters are printed. The letters from the Dean inviting the qualified undergraduate and graduate students to join Tau Beta Pi are placed in envelopes for mailing. Letters to the parents of undergraduate students with US addresses are also placed in envelopes. Fall semester we had 3 Cabinet officers and 1 advisor participate in the letter stuffing activity.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose is to inform students qualified for Tau Beta Pi membership of their eligibility and send them an invitation to join. Letters are also sent to the parents of the undergraduate students informing them of their son or daughter's eligibility.

iii. Organization and Administration

The Iowa Alpha Faculty Advisor gets access to the "10 Day List" of Engineering students for the semester and prepares the list of eligible undergraduate and graduate students. Letters from the Dean are sent to the undergraduate students and their parents, and to eligible graduate students. The Chief Advisor prints the letters on stationary provided by the Dean's Office, and the Dean's Office also provides the envelopes and does the mailing. Iowa Alpha officers and members fold the letters and insert them in the envelopes.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

All letters were prepared for mailing to eligible students and their parents. With 3 cabinet officers and the Chief Advisor working to fold and place the letters in envelopes it took about 2 hours to complete. In total, 849 envelopes were stuffed, 340 parent letters, 430 undergraduate student letters (25 on-campus addresses and 405 off-campus addresses) and 81 graduate student letters. A total of 543 undergraduate students were eligible for Tau Beta Pi membership of which 113 were already members. Therefore, 430 undergraduate students were invited to join Iowa Alpha this semester. Similarly, 97 graduate students were eligible of which 16 were already Tau Beta Pi members. Therefore, 81 graduate students were invited to join Iowa Alpha this semester.

3. **Additional Attachments**

Figure 9: Initiate Letter Stuffing



5 Leadership Meeting

Iowa Alpha

1. Project Information

- i. Date(s): 09/17/23
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the first meeting of the semester and was for the Chapter Leadership and Chief Advisor. Attending the meeting were Cassandra Volpe, Mackenzie Donald, Vice President and LeVern Faidley, Chief Advisor. This semester's initiation requirements and schedule of activities were discussed.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

A Leadership meeting at the beginning of the semester is important in determining a schedule of activities for the semester and planning initiation activities to insure that initiates fulfill the requirements for Tau Beta Pi membership.

iii. Organization and Administration

The Chapter President found a time and location for the meeting and the discussion on the plans for the semester.

iv. Total Cost

\$0.0

v. Cost Breakdown

None

vi. **Special Problems Encountered**

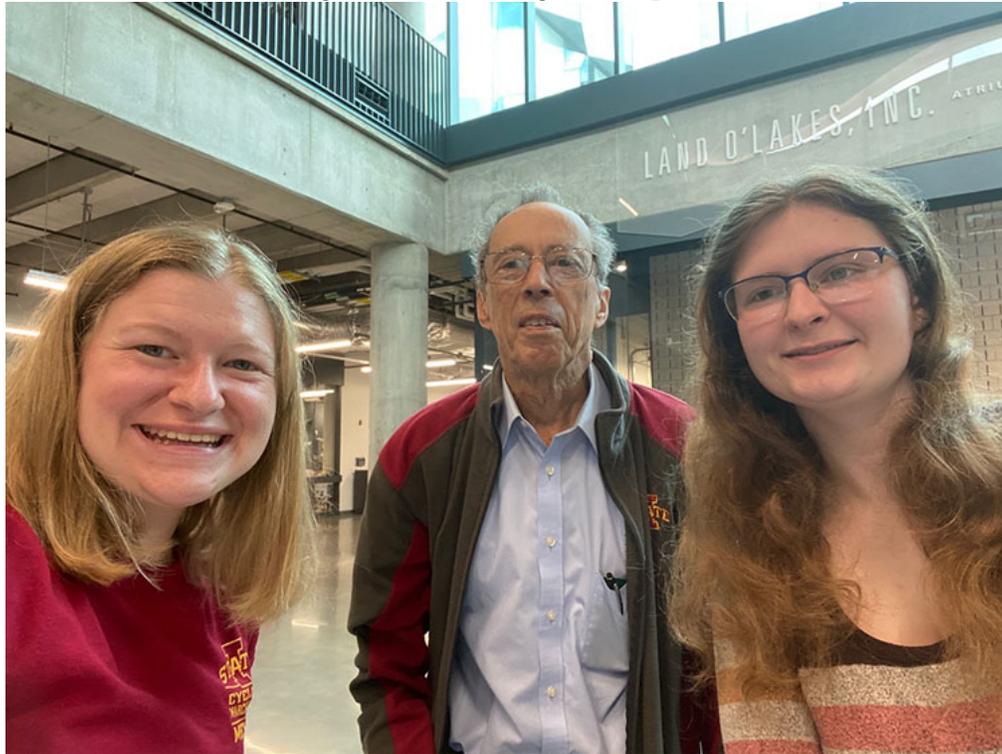
None

vii. **Overall Evaluation**

The meeting went well and plans were developed for initiates to fulfill requirements for membership during the semester.

3. **Additional Attachments**

Figure 10: Meeting Participants



6 Initiate Information Meeting 1

Iowa Alpha

1. Project Information

- i. Date(s): 09/20/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Initiation Activities
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 17 |
| Advisors | 1 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The information meeting was the first of two sessions held for the students invited to become Tau Beta Pi members, the second being held a day later. The Chapter Vice President and Undergraduate and Graduate Initiation Officers give a PowerPoint presentation describing Tau Beta Pi and the Iowa Alpha initiation process. The graduate students were informed of the need to provide a letter from their major professor and a completed education background form. Attending the meeting, which was held in-person were 3 Cabinet Officers, 1 Advisor, 11 undergraduate invitees and 6 graduate student invitees.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to meet with potential new members to inform them about Tau Beta Pi and the Iowa Alpha initiation process. The information meeting was integral to the initiation process, which contributes to Tau Beta Pi's purpose "to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character".

iii. **Organization and Administration**

The dates of the information meetings was included in the invitation letter sent to all eligible students. Eligible students who indicated interest in joining Tau Beta Pi were informed about the time and location of the information meetings through an E-mail mailing list. A PowerPoint presentation was prepared describing Tau Beta Pi, the Iowa Alpha Chapter and the initiation process and requirements for membership. The University's Canvas, software is used by the chapter for managing and monitoring the initiation process.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

The chapter had problems in reserving a meeting room for the information meetings as no response to the request for a classroom was received from the automated room reservations system. Fortunately, the Agricultural and Biosystems Engineering Department made available its Conference room for the meetings.

vii. **Overall Evaluation**

The meeting and presentation went well. The potential initiates who attended the Information Session had completed a Google Meeting Attendance Form indicating they were interested in joining Tau Beta Pi Fall semester and the information meeting they planned to attend. The 17 invitees who attended the first information meeting was lower than the number who had registered to attend. However, given the delay in informing invitees of the meeting time and location was considered a good turnout.

3. **Additional Attachments**

Figure 11: Initiation Leadership Team



Figure 12: Completing Catalog Cards



7 Initiate Information Meeting 2

Iowa Alpha

1. Project Information

- i. Date(s): 09/21/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Initiation Activities
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 17 |
| Advisors | 2 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The information meeting was the second of two sessions held for the students invited to become Tau Beta Pi members, the first being held a day before. The Chapter Vice President and Undergraduate and Graduate Initiation Officers give a PowerPoint presentation describing Tau Beta Pi and the Iowa Alpha initiation process. The graduate student attending was informed of the need to provide a letter from his major professor and a completed education background form. Attending the meeting, which was held in-person were 3 Cabinet Officers, 2 Advisors, 16 undergraduate invitees and 1 graduate student invitee.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to meet with potential new members to inform them about Tau Beta Pi and the Iowa Alpha initiation process. The information meeting was integral to the initiation process, which contributes to Tau Beta Pi's purpose "to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character".

iii. **Organization and Administration**

The dates of the information meetings was included in the invitation letter sent to all eligible students. Eligible students who indicated interest in joining Tau Beta Pi were informed about the time and location of the information meetings through an E-mail mailing list. A PowerPoint presentation was prepared describing Tau Beta Pi, the Iowa Alpha Chapter and the initiation process and requirements for membership. The University's Canvas, software is used by the chapter for managing and monitoring the initiation process.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

The chapter had problems in reserving a meeting room for the information meetings as no response to the request was received from the automated room reservations system. Fortunately, the Agricultural and Biosystems Engineering Department made available a Conference room for the meetings.

vii. **Overall Evaluation**

The meeting and presentation went well. The potential initiates who attended the Information Session had completed a Google Meeting Attendance Form indicating they were interested in joining Tau Beta Pi Fall semester and the information meeting they planned to attend. The 17 invitees who attended the second information meeting was lower than the number who had registered to attend, but was similar to the number who had attend the first information meeting. It is hoped the invitees who indicated they want to join Tau Beta Pi this semester, but had indicated that they could not attend either in-person information meeting will accept the invitation to join the Tau Beta Pi Organization on Canvas where the initiation process will be managed and all of the information presented in the information sessions is made available.

3. **Additional Attachments**

Figure 13: Preparing for Information Session



Figure 14: Student registration



Figure 15: PowerPoint presentation



8 Meeting with Dean of Engineering

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 5 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The Chapter holds an annual meeting with the Dean of Engineering at the beginning of the Fall semester each year to introduce the Dean to the leadership of the Chapter for the coming year, update the Dean on the highlights of the past year, provide information on upcoming events, and seek input on matters that may be important to the Dean. The meeting with Dr. W. Samuel Easterling, Dean, College of Engineering and Iowa Alpha Advisor, which was held virtually, was attended by the following Iowa Alpha leadership: Cassandra Volpe, President, Erik Dralle, Corresponding Secretary, and 4 advisors: Amy Kaleita, James Hill, Mark Mba-Wright and LeVern Faidley.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The support of the Dean and the College of Engineering is very important to the effective operation of the Chapter. The main purpose of the meeting is to provide the Dean information about the Chapter's achievements and seek advice and support of Chapter activities and new initiatives.

iii. **Organization and Administration**

The Dean's office was contacted before the beginning of the semester to identify a date and time the Dean would be available. Iowa Alpha Officers and Advisors were then contacted to inform them of the meeting. The Chief Advisor prepared a summary of the previous year's highlights and upcoming events to give the Dean prior to the meeting and serve as a guide to discussion.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

The meeting had to be held virtually as the Dean was working from home due to illness.

vii. **Overall Evaluation**

The meeting went very well. The Dean appreciated the opportunity to meet with the leadership and Advisors of the chapter. He was informed that funds raised for the Tau Beta Pi Endowed Scholars Program that he had selected as the program to be featured by the College of Engineering as part of the University's Annual Day of Giving had raised over \$18,000. He indicated he would feature the endowment again in 2024. He agreed to continue the past practice of his office matching funds related to the Tau Beta Pi Chapter Performance Scholarship of \$500 received by Iowa Alpha from Tau Beta Pi Headquarters for the timeliness and quality of the chapters reporting and project activities. He indicated appreciation and support for the joint activities Iowa Alpha undertakes with Engineer's Week, the Engineering Student Council and other student organizations.

3. **Additional Attachments**

Figure 16: Meeting attendees

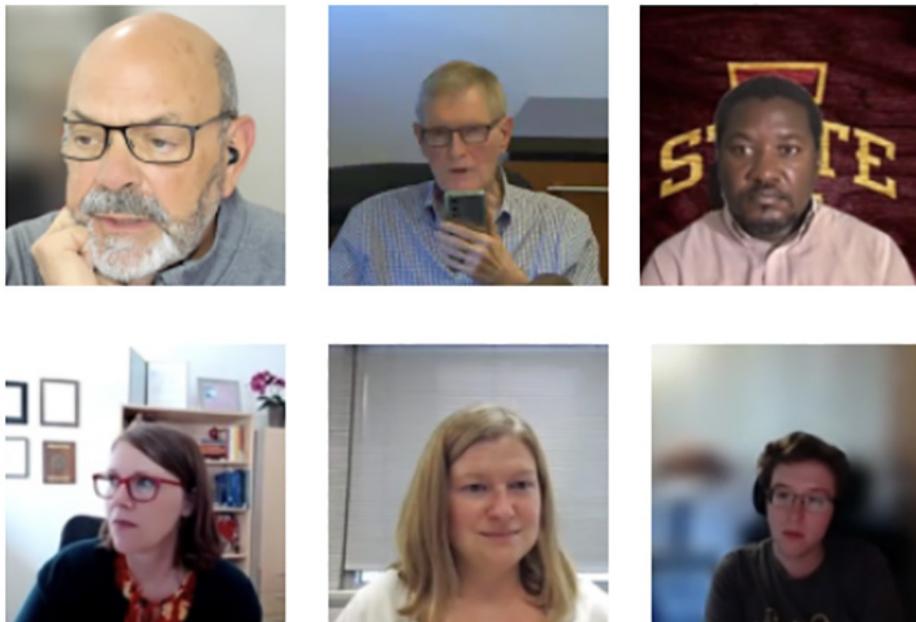


Figure 17: Briefing Note P1

Iowa Alpha Chapter of Tau Beta Pi Meeting with Dean W. Samuel Easterling September 2023

Topics of discussion with the Dean

- Identification/selection of outstanding Iowa State Engineering Alumni and faculty for Tau Beta Pi membership as Eminent Engineers and Alumnus members and candidates to nominate for Tau Beta Pi National Awards.
- Appreciation for matching funds related to Tau Beta Pi Chapter Performance Scholarship of \$500 received by Iowa Alpha
- The Chapter greatly appreciates the Dean's selection of the Endowment to be part of Forever True Day 2023 for which the total amount received, including matches, was \$18,255.
- Other matters of interest to the Dean.

Chapter Highlights from 2022-2023

2022 Tau Beta Pi National Convention, September 29 – October 1, Knoxville, Tennessee

- Joseph Schendel, Iowa Alpha President, the Chapter's Voting Delegate and Cassandra Volpe, Vice President, the alternate voting delegate were unable to attend due to medical reasons.
- Dr. James Hill, Advisor and District Director and Dr. LeVern Faidley, Chief Advisor, participated in the Convention, with the Chief Advisor serving as the Voting Delegate.
- Dr. Amy Kaleita, Iowa Alpha principal faculty advisor, the 2020 Tau Beta Pi Outstanding Advisor invited, but could not attend to receive her award in person.
- Dr. Martin C. Jischke, IAA '63, President Emeritus of Purdue University and past president of Iowa State University was also unable to attend to receive his 2021 Tau Beta Pi Distinguished Alumnus Award.
- Tau Beta Pi Chapter Performance Scholarship – Iowa Alpha was the recipient of a \$500 Chapter Performance Scholarship, which was matched by the Dean's Office. The two recipients for the 2023-24 school year are Mary Zude a second year student in Mechanical Engineering and Raina Noelle Graalfs, a first year student who participated in the 2023 Tau Beta Pi Roller Coaster competition.

2023 Tau Beta Pi National Convention, October 12-14, Atlanta, Georgia

- Mackenzie Donald, Vice President, will be the Chapter's Voting Delegate and, the Chapter is trying to find an alternate voting delegate to also attend the convention.
- Dr. James Hill, Advisor and District Director and Dr. LeVern Faidley, Chief Advisor and Tau Beta Pi Fellowship Board member, also plan to attend.
-

Iowa Alpha Outreach/Service Activities

Community Service Activities –

- Pi Mile Run – the 28th annual Pi Mile Run was held on 2 October 2022. This was the seventh year in a row that the race was jointly sponsored with Engineers' Week and utilized campus sidewalks and walking paths. The 66 runners in 2022 (14 women and 52 men all of whom were ISU students) was a significant increase from previous races. The top male and female runners were awarded medals and pie was provided to participants following the race.
- Adopt-A-Highway – the Chapter's fall cleanup of a 2 mile section of Lincoln Highway west of Ames was held on 9 October 2022 and the spring cleanup on 2 April 2023.
- Pi Day - celebration of Pi Day was held in the atrium of the Student Innovation Center on 9 March 2022, since the actual Pi Day was during Spring Break. The planned distribution of 314 pieces of

Figure 18: Briefing Note P2

- pie (100 Pi pieces of pie) fell slightly short with 304 pieces of pie being distributed to students, faculty, and campus visitors.
- Roller Coaster Competition - The Spring 2023 Rollercoaster Competition was held in the Howe Hall Atrium on 19 April 2023. A total of 98 middle and high school students participated. Seven middle school teams from 2 middle schools and 12 high school teams from 1 high school were entered in the competition. A free lunch was provided to participants and trophies were presented to the top 3 middle school and high school teams.

Collaboration with Other Organizations –

- Emphasis was placed on cooperation and joint activities with other student organizations and included the Pi Mile Run, jointly sponsored with Engineers' Week and an Engineers Ball, jointly undertaken with the Engineering Student Council.

TBP National Scholarship Recipients –

- Iowa Alpha has two 2023 Tau Beta Pi Scholarship recipients (\$2,000) for the 2023-24 school year. Recipients are Cassandra Volpe, and Mackenzie Donald.

Tau Beta Pi – Iowa Alpha Scholar's Program –

- During Spring and Summer 2023 the fifteenth class of scholars totaling 24 first year students were selected by the College of Engineering – 1 or more from each department.
- Scholars receive a \$500 scholarship and may participate in scholar specific and chapter activities.
- The goal of the program is to increase recognition of and membership in the Iowa Alpha Chapter.
- As of Fall 2023 a total of 378 scholarships have been awarded, 250 (66%) of these scholars have become eligible for Tau Beta Pi membership and 150 (66%) have become members. By comparison, our initiation rate of eligible juniors is about 28% and seniors about 9.5%. Often scholars become Tau Beta Pi members during their first semester of eligibility as a Junior and many go on to serve in leadership positions within the Chapter.

Chapter Operations

Initiation Classes –

- Fall Semester 2022, Iowa Alpha elected to membership 31 new members of which 29 new members, 26 undergraduates, and 3 graduate students were initiated in a ceremony held on 4 December 2022. Spring Semester 2023, 42 new members were elected of which 39 new members were initiated 36 undergraduates and 3 graduate students on 30 April 2023.
- The addition of 68 new members in 2022-23 was a decline from the 99 new members initiated in 2021-22.
- Our current membership totals 8,613, placing Iowa Alpha among the top 8 chapters nationally in total membership.

Initiation Banquets –

- The Initiation Banquets for Fall 2022 and Spring 2023 were held in the Sukup Atrium and Davidson Conference room. For the first time since the pandemic, parents and other guests were invited to the Spring banquet and 36 parents and other guests attended. Catering was provided by Hy-Vee.

Initiation Fees -

- For 2021-22, the initiation fees for new members was \$90.00 with \$55.00 paid directly to Tau Beta Pi Headquarters and \$35.00 to the chapter.
- For 2022-23, it is planned to keep fees the same.

2022/23 Eminent Engineers and Nominations for National Awards –

- No new Eminent Engineer or Alumnus members were nominated for membership during 2022-23. Charles George "Turk" Therkildsen, CEO and Chairman of the Board for Industrial Hard Chrome,

Figure 19: Briefing Note P3

- Inc was approached by the ISU Foundation on behalf of Iowa Alpha, but he declined the invitation. For Fall 2023, Dr. R. Dennis Vigil, Chair of the Chemical Engineering Department has agreed to be nominated as an Eminent Engineer.
- Consideration is being given to nominating Dr. Subra Suresh for the National Tau Beta Pi Distinguished Alumnus Award. He came to Iowa State from India after receiving his bachelor's degree at age 19 and received his M.S. degree from Iowa State in 1979.
- Consideration is being given to nominate Michelle Soupir, ABE Associate Chair for Research and Extension, Equity Advisor for the College of Engineering and Professor-Agricultural and Biosystems Engineering, for the Tau Beta Pi McDonald Mentor Award.

Engineering Futures –

- In the past, in-person Engineering Futures sessions have been hosted for initiates and members each semester. However, these were discontinued by Tau Beta Pi Headquarter during 2020-21. A pre-set calendar of virtual professional development activities were offered during 2021-22. These sessions were open to all interested students, including initiates. The Iowa Alpha initiates were requested to participate in one of these sessions.
- Headquarters has announced plans for 2022-23 which include in-person sessions of the newly revised curriculum. The Chapter plans to try to arrange an in-person session at Iowa State available to new initiates, scholars and current members.

Graduation Stoles –

- In recognition of their contribution to the Chapter, active members are given free Tau Beta Pi stoles for graduation and other Tau Beta Pi members can buy a stole.
- During the 2022 fall semester commencement in-person ceremonies 3 active members and 6 other student members wore Tau Beta Pi stoles
- During the spring semester 2023 Tau Beta Pi Stoles were provided free to 7 active members and an additional 17 student members wore Tau Beta Pi stoles they had purchased. Both semesters the College of Engineering Student Marshall wore a stoles.

Tau Beta Pi Endowments and Scholars Fund –

- The Tau Beta Pi Endowment with the ISU Foundation had a balance at the end of July 2023 of \$167,865 in Endowment Pool Investments and \$13,420 in expendable cash, available for transfer to the Chapter Student Organization account, if necessary. During the past year \$3,000 was transferred to the Chapter's Student Organization account and \$5,000 to the Endowed Scholars Program as part of the ISU Annual Day of Giving.
- The Tau Beta Pi Chapter Endowment Initiative undertaken by Tau Beta Pi Headquarters has resulted in establishment of an endowment of \$110,000 through contributions from Iowa Alpha alumni. As of 1 August 2023, the chapter had \$540.00 in discretionary funds available for use in its Headquarter cash account. In addition, there is \$4,440.00 available for disbursement in the chapter endowment.
- The Tau Beta Pi – Iowa Alpha Scholars Fund with the ISU Foundation had a balance at the end of July 2023 of \$6,205 sufficient to cover the cost of 12 scholarships for the 2023-24 academic year.
- To ensure the long-term viability of the Scholars Program, an endowment has been established for the program. At the end of July 2023, the Endowment Pool Investments had a balance of \$214,698 and a cash balance of \$10,110. The endowment will fund 15 scholarships for 2023-24.

9 Event Authorization Committee Meeting – Pi Mile Run

Iowa Alpha

1. Project Information

- i. Date(s): 09/28/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The meeting was called by the ISU Events Authorization Committee following submission by Engineer's Week of the request to hold the annual Pi Mile Run. The meeting with the Committee was attended by Iowa Alpha Advisor LeVern Faidley and Nathan Patel, Campus Project Officer, representing Tau Beta Pi and Blake Gleason, Engineer's Week Officer and Shannon Miner, Assistant Director Student Services representing Engineer's Week.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Pi mile run is an annual race of 3.14 miles (5 Km) for runners from the university and Ames community that utilized sidewalks and walking paths throughout the Iowa State University campus. It provides the opportunity for officers and members to showcase their organizations to other students and members of the community. Profits from the run are donated to the Red Cross.

iii. Organization and Administration

Meeting with the ISU Event Authorization Committee is important to insure the event is in compliance with the University's regulations for student organization activities. Upon submitting an event authorization request online, a day and time is set for representatives of the student organizations to meet with the Committee.

iv. **In Conjunction With**
Engineer's Week student organization

v. **Total Cost**
\$0.0

vi. **Cost Breakdown**
None

vii. **Special Problems Encountered**
None

viii. **Overall Evaluation**

The Events Authorization Committee noted that this would be the 30th Annual Pi Mile Run. They complemented the two organizations on their thoroughness in planning for the event and their presentation to the Committee. Aspects of the event discussed by the Committee included the race route, safety measures when runners were crossing campus streets, food safety procedures in packaging and serving pieces of pie to race participants, the on-line registration being used to register runners for the event, and the timing system to record runners times. The representative from the Office of Risk Management indicated he would provide a release form for runners to sign when signing in for the race.

10 Pi Mile Run Organization Meeting with Engineer's Week

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The meeting with Iowa Alpha and Engineer's Week was held to discuss progress in organization of the annual Pi Mile Run. The virtual meeting was attended by Iowa Alpha Advisor LeVern Faidley, Nathan Patel and Bennet Hageman, Campus Project Officers, representing Tau Beta Pi and Engineer's Week Officers: Julia Bigari, Samantha Birkett, Blake Gleason, Amy Hartjen and Shannon Miner.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Pi mile run is an annual race of 3.14 miles (5 Km) for runners from the university and Ames community that utilized sidewalks and walking paths throughout the Iowa State University campus. It provides the opportunity for officers and members to showcase their organizations to other students and members of the community. Profits from the run are donated to the Red Cross.

iii. Organization and Administration

Meeting with Engineer's Week officers was important to review progress in organization of the event by the two student groups following their meeting with the Events Authorization Committee.

iv. **In Conjunction With**
Engineer's Week student organization

v. **Total Cost**
\$0.0

vi. **Cost Breakdown**
None

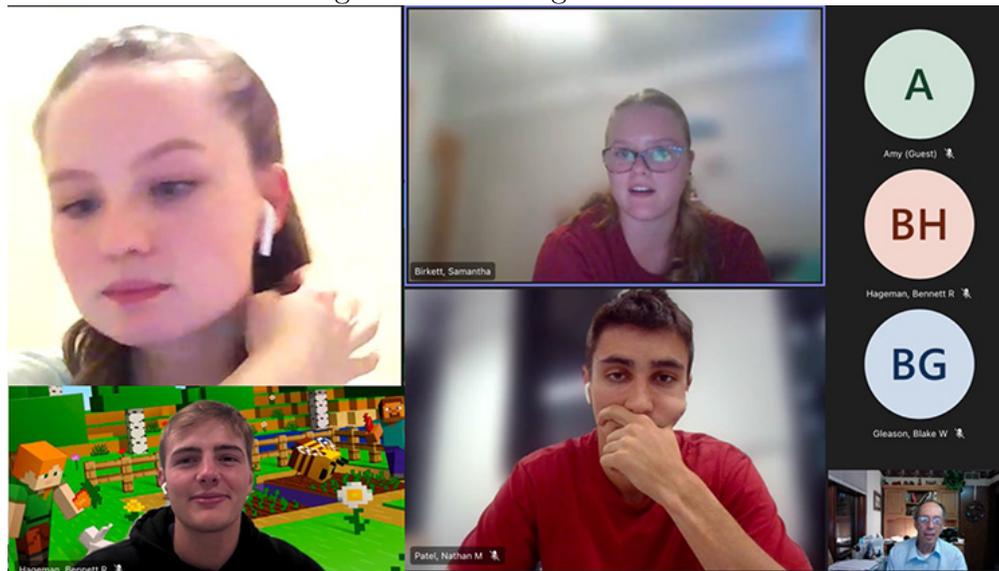
vii. **Special Problems Encountered**
None

viii. **Overall Evaluation**

The Iowa Alpha attendees indicated that the order had been placed for First, Second and Third place medals for men and women with Cyclone Awards and Engraving, the same place as last year. The order for pies with Faraway had also been placed and included 12 pies (96 pieces) - three pies each of Apple, Cherry, Strawberry-Rhubarb, and Peach. Hy-Vee had also been contacted about a donation of bottled water, bananas, other fruit and fruit snacks. A number of volunteers had also signed up for both Saturday and Sunday. Engineer's Week indicated that T-shirts had been ordered and they were expecting to receive the registration link soon. They were also planning to do tabling on campus and visit sororities and fraternities to promote the race, which had been successful last year. Engineer's Week also indicated they planned to provide Pizza for volunteers on Sunday. Overall, planning for the race seemed to be going very well.

3. Additional Attachments

Figure 20: Meeting Attendees



11 Free Coffee Friday 1

Iowa Alpha

1. Project Information

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

| Category | Count |
|-----------|-------|
| Initiates | 4 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 2.5 |

2. Project Evaluation

i. General Description

The Free Coffee Friday service project provides free coffee, tea and hot chocolate to engineering students, faculty and others between classes on three Friday mornings during October and November. The first Free Coffee Friday event of the semester was held on Friday morning October 6 from 8:00 am to 11:00 am in the atrium of the Student Innovation Center, an area with normally a high volume of students going to and from class. Setup began at 7:30 am and cleanup was completed by 11:15 am. Assisting in holding the first event were 4 initiates and 1 Advisor. Three volunteers who registered to assist with the event were unable to do so. However, the four volunteers in attendance was sufficient.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the Free Coffee Friday events is make Tau Beta Pi and the Iowa Alpha Chapter better known among Iowa State University engineering students and faculty.

iii. Organization and Administration

Authorization was requested and received for Iowa Alpha to hold Free Coffee Friday three times during the semester. Volunteers who assist are required to take the online Food Safe Certification Course. The atrium of the Student Innovation Center is a relatively high traffic

area for students going to and from class, so is a good location for the event. An Advisor stores the coffee makers, coffee, tea, hot chocolate, cups, spoons napkins, condiments, table cloths, signs advertising the event and brings them to the Student Innovation Center. A Google Form and Spreadsheet is used by the members and initiates to indicate the times they will volunteer to assist with serving the coffee at each event.

iv. **Total Cost**

\$25.94

v. **Cost Breakdown**

Personnel requirements for each event is about 3-6 people each working for 1-2 hours. Supplies for the first Free Coffee Friday were purchased at a cost \$25.94 from a Fareway store and paid for by the Chief Advisor

vi. **Special Problems Encountered**

Another Organization was set up to use the space reserved for Iowa Alpha. This required locating in another area of the atrium and delayed setting set up and the start to serving drinks.

vii. **Overall Evaluation**

Seventy-four drinks were given away to students, faculty, and staff during the first event. The good turnout for the first Free Coffee Friday was a pleasant surprise since the weather was unusually warm. The Chapter plans to continue holding this event throughout the semester with the remaining two give aways being on October 20 and November 3.

3. **Additional Attachments**

Figure 21: Ready for visitors



Figure 22: Additional Visitors



Figure 23: Last Visitors



12 Tau Beta Pi National Convention

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 5.0 | 50.0 |

2. Project Evaluation

i. General Description

Two student representatives were selected to attend the Tau Beta Pi National Convention in Atlanta, Georgia. However, only Iowa Alpha Vice President, Mackenzie Donald, was able to attend as the Voting Delegate. The Iowa Alpha Chief Advisor, LeVern Faidley attended as a member of the Fellowship Board. Also attending was District 11 Director and Iowa Alpha Advisor James Hill.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the voting delegate and alternate's attendance was to help carryout the business of the convention and represent the Chapter in the deliberations and decisions of the Tau Beta Pi Association. The Iowa Alpha Advisor attended the Convention to participate in the work of the convention, serve as a representative of the Fellowship Board, attend meetings of District 11 and have discussions with other advisors, Headquarters personnel and national officers.

iii. Organization and Administration

The voting delegate and alternate were nominated by the Chapter and entered in the Tau Beta Pi Convention Credentials on-line system prior to the 1 June 2023 deadline. The travel arrangements of advisors attending the convention were made by themselves individually.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

Travel arrangements were coordinated with Tau Beta Pi Headquarters. The Tau Beta Pi Association covered the travel and on-site expenses of the voting delegate. The Chief Advisor paid his own expenses. The Tau Beta Pi Association covered the cost of the District Director's attendance. The on-site expenses and travel cost, of the Voting delegate was paid by the Tau Beta Pi Association.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The Chief Advisor, LeVern Faidley, attended the National Officials briefing the first day of the Convention, which was valuable to better understand developments taking place in the the Association. He also attended meetings of District 11, sessions of the Constitution and Bylaws Committee and the meetings of advisors attending the convention and helped with the Scholarship and Fellowship Committee activities.

Dr James Hill attended the Convention as District 11 Director and Iowa Alpha Advisor. He assisted in leading meetings of the District 11 Chapters of Tau Beta Pi and participated in discussions of other initiatives of the Association.

Mackenzie Donald served on the Site Selection Committee and participated in the District 11 meetings.

At the Convention the chapter received two national awards: a Chapter Excellence Award for our member engagement, reporting and chapter operations and a Project Excellence Award for the number of quality of projects undertaken by the Chapter, which included a \$500.00 scholarship that was matched by the Iowa State University Office of the Dean of Engineering.

3. **Additional Attachments**

Figure 24: Chapter Excellence Award



Figure 25: Chapter Project Award



Figure 26: District 11 Attendees



Figure 27: Outstanding Advisors



Figure 28: Convention Group Photo



13 Free Coffee Friday 2

Iowa Alpha

1. Project Information

- i. Date(s): 10/20/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|-----------|-------|
| Initiates | 10 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 2.5 |

2. Project Evaluation

i. General Description

The Free Coffee Friday service project provides free coffee, tea and hot chocolate to engineering students, faculty and others between classes on three Friday mornings during October and November. The second Free Coffee Friday event of the semester was held on Friday morning October 20 from 8:00 am to 11:00 am in the atrium of the Student Innovation Center, an area with normally a high volume of students going to and from class. Setup began at 7:30 am and cleanup was completed by 11:15 am. Assisting in holding the second event were 10 initiates and 1 Advisor. The 10 initiates (7 undergraduate and 3 graduate students) in attendance was more than adequate to carryout the event.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the Free Coffee Friday events is make Tau Beta Pi and the Iowa Alpha Chapter better known among Iowa State University engineering students and faculty.

iii. Organization and Administration

Authorization was requested and received for Iowa Alpha to hold Free Coffee Friday three times during the semester. Volunteers who assist are required to take the online Food Safe Certification Course. The atrium of the Student Innovation Center is a relatively high traffic

area for students going to and from class, so is a good location for the event. An Advisor stores the coffee makers, coffee, tea, hot chocolate, cups, spoons napkins, condiments, table cloths, signs advertising the event and brings them to the Student Innovation Center. A Google Form and Spreadsheet is used by the members and initiates to indicate the times they will volunteer to assist with serving the coffee at each event.

iv. **Total Cost**

\$13.96

v. **Cost Breakdown**

Personnel requirements for each event is about 3-6 people each working for 1-2 hours. Supplies for the second Free Coffee Friday were purchased at a cost \$13.96 from a Fareway store and paid for by the Chief Advisor

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Seventy-six drinks were given away to students, faculty, and staff during the second event. The turnout for the second Free Coffee Friday was nearly the same as the first event when 74 drinks were given away, with the hot chocolate and tea being quite popular. The Chapter plans to continue holding this event throughout the semester with the remaining give away being on November 3.

3. **Additional Attachments**

Figure 29: Ready for visitors



Figure 30: First visitors



Figure 31: Additional visitors



Figure 32: Last visitors



14 Pi Mile Run Setup – 21 October 2023

Iowa Alpha

1. Project Information

- i. Date(s): 10/21/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 17 |
| Advisors | 1 |
| Cabinet Officers | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 3.0 |

2. Project Evaluation

i. General Description

Iowa Alpha has held a Pi Mile Run each Fall for the past 30 years. For the ninth year in a row the chapter partnered with Iowa State University Engineers' Week to hold the event. On the day before the race Tau Beta Pi volunteers assisted with the setting up the event and chalking the race route. Assisting with setup were 17 initiates, 1 Cabinet officer and 1 Advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Pi Mile Run allows Tau Beta Pi members and Engineers' Week representatives to get involved with the community, showcases the two student organizations, College of Engineering and Iowa State University campus and supports worthy charitable causes.

iii. Organization and Administration

The day prior to the event volunteers place chalk arrows on the sidewalk of the race route and identify traffic intersections and other places where volunteers should be located during the race to direct runners.

iv. **In Conjunction With**
Engineers' Week

v. **Total Cost**
\$0.0

vi. **Cost Breakdown**

There was no cost associated with the setup. The chalk for marking the route the route was leftover fro other events or purchased by the Advisor

vii. **Special Problems Encountered**

Engineers Week had planned to place signed advertising their sponsors. However, the afternoon prior to the setup a fire in the Engineering Administration building either damaged the signs or prevented accessing the location were they were stored. There was also a problem with the race award medals in that the engraving on one of the medals was incorrect. Fortunately, the local engraving provider was able to provide a correct medal prior to the race.

viii. **Overall Evaluation**

The setup went smoothly. Two groups of volunteers worked from the start and finished lines and met approximately at the midpoint of the race route.. Chalking of the 3.14 mile route was completed in less than an hour.

3. Additional Attachments

Figure 33: Award Medals



15 Pi Mile Run – 22 October 2023

Iowa Alpha

1. Project Information

- i. Date(s): 10/22/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 22 |
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 3.0 |

2. Project Evaluation

i. General Description

Iowa Alpha has held a Pi Mile Run each Fall for the past 30 years. For the ninth year in a row the chapter partnered with Iowa State University Engineers' Week to hold the event. Tau Beta Pi volunteers assisting with the event included 28 initiates, 2 Cabinet officers and 1 Advisor. In addition, a number of Engineers' Week volunteers assisted with the event.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Pi Mile Run allows Tau Beta Pi members and Engineers' Week representatives to get involved with the community, showcases the two student organizations, College of Engineering and Iowa State University campus and supports worthy charitable causes.

iii. Organization and Administration

During Spring semester an Initiate Small Group developed plans for the event. A date was selected that did not conflict with other running events or home football games. At the beginning of fall semester the event authorization was submitted to the Iowa State University Event Authorization Committee and budgeting, advertisement and logistical plans were developed.

Organizational meetings were held with Engineers' Week representatives, local businesses were contacted to provide donations of food and/or prizes. Advertising was undertaken through the Iowa Alpha and Engineers' Week websites, fliers placed on campus and tabling undertaken prior to the race. T-shirts were ordered for the runners participating. Iowa State University Facilities Planning and Management provided assistance in arranging for runner registration and race timing.

iv. **In Conjunction With**
Engineers' Week

v. **Total Cost**
\$179.88

vi. **Cost Breakdown**

Cost of the event was shared between Iowa Alpha and Engineers' Week. The award medals were purchased from Cyclone Engraving at a cost of \$30.00 and paid for by Iowa Alpha. Food purchases by Iowa Alpha included 12 pre-cut fruit pies from Fareway at a cost of \$149.88. Direct expenditures by Iowa Alpha totaled \$179.88. The event resulted in a net loss of \$179.88

vii. **Special Problems Encountered**
None

viii. **Overall Evaluation**

The joint sponsorship of the 2023 Pi Mile Run between Iowa Alpha and Engineers' Week was successful. The 44 runners this year (34 men and 10 women) was a small increase from 2022. Runners were mainly from the university. Weather for the race was very good leading to some fast finishing times. The runners received water, pie and other refreshments following the race. Every one seemed to appreciate the pie. Medals were awarded to the top three men and women finishers. Awarding of medals to winning runners was done at the end of the event. Plans are to again jointly organize the 2024 race with Engineers' Week.

3. **Additional Attachments**

Figure 34: Registration for Race



Figure 35: Start of Race



Figure 36: Race Winner



Figure 37: Women Medal Winners



Figure 38: Men Medal winners



16 Cabinet Meeting

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 4 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the first Cabinet meeting of the semester and was attended by 4 cabinet officers and 1 advisor. The meeting was called by the Chief Advisor as no Cabinet or General meetings of the Chapter had been held as the chapter leadership had not been able to reserve a meeting room to this point in the semester.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Cabinet meetings are an important means by which the Chapter officers are informed of ongoing and planned activities and their roles within the effective operation of the Chapter are clarified.

iii. Organization and Administration

A Cabinet meeting is held at the generally held at the beginning of each semester. Announcement of the meeting and its agenda and location is communicated to officers through E-mail.

iv. Total Cost

\$0.0

v. Cost Breakdown

There was no cost for the Cabinet meeting.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This meeting served as an effort to try to get the chapter on track to complete the initiation process for new members. The officers present reviewed the initiation requirements and modified the meeting requirement for initiates taking into account that no general meetings had thus far taken place. One of the officer's present was able to reserve a lecture hall for weekly meeting of the chapter for the rest of the semester, beginning on October 24.

17 General Meeting 1

Iowa Alpha

1. Project Information

- i. Date(s): 10/24/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 25 |
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the first General Meeting of the semester. The meeting was held in-person. Attendees included 2 Cabinet officers 25 initiates (23 undergraduates and 2 graduate students) and 1 Advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.

iii. Organization and Administration

General meetings of the Chapter are generally held every other week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, and scholars through the weekly Iowa Alpha eBent. Unfortunately this semester no general meeting took place until the 10th week of the semester due to the chapter leadership being unable to reserve a meeting room.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting was mainly devoted to an overview of the initiation activities planned during the rest of the semester. The cabinet officers and advisor present were introduced, which include the Vice President, Mackenzie Donald; Initiation Officer, Benjamin Smock and Chief Advisor LeVern Faidley.

18 Adopt A Highway Cleanup

Iowa Alpha

1. Project Information

- i. Date(s): 10/29/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|-----------|-------|
| Initiates | 16 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The Adopt-A-Highway project involves collecting trash into trash bags on both sides of a two mile stretch of Lincoln Highway on the west side of Ames. Iowa Alpha initiates and members form four groups with each group cleaning one side of the highway for 1 mile. The groups start at both ends of the 2 mile stretch of highway and meet in the middle where the bags are piled so the Iowa Department of Transportation (DOT) can pick them up. The DOT supplies bags and reflective vests for the volunteers. For the Fall semester, 16 initiates (15 undergraduate and 1 graduate initiate) and 1 advisor participated in the cleanup.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Adopt-A-Highway cleanup provides an opportunity for initiates/electees to fulfill their service project initiation requirement by providing service to the Ames community.

iii. Organization and Administration

A date towards the end of the semester is chosen (generally a Sunday afternoon) in anticipation the weather will be relatively mild. Information is sent to initiates through Canvas and members are informed through E-mail. When necessary, an Iowa Alpha Advisor goes to the Department of Transportation to pick up garbage bags before the event. Since Covid, the Chapter has been

allowed to keep the safety vests and unused garbage bags, eliminating the need to return the vests and unused bags after the Adopt a Highway cleanup, The filled trash bags are stacked beside the road and picked up by the DOT.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The Chapter incurs no cost for the project – bags and vests are provided by the DOT, with transportation and disposable polyethylene/vinyl gloves supplied by the chapter. One or two Chapter Officers and/or an advisor are generally needed to supervise the event.

vi. **Special Problems Encountered**

The weather on October 29 was relatively cold with the temperature in the 30s. However, it was sunny and only a light wind making for relatively nice weather conditions for the event.

vii. **Overall Evaluation**

The interest in and attendance of initiates at the event was good. With 4-5 volunteers in each of 4 separate groups picking up trash on one side of the highway for 1 mile the cleanup was completed in less than 2 hours. The Chief Advisor used his van to collect and transport the filled garbage bags to the collection site. Iowa Alpha has carried out the Adopt-A-Highway cleanup on the same stretch of highway for 33 years and plans to continue to undertake the cleanup each fall and spring semester in the future.

3. **Additional Attachments**

Figure 39: Collecting trash



Figure 40: Volunteers beginning to collect trash



Figure 41: Consolidating trash in one bag



Figure 42: Collecting trash



Figure 43: Initiates with trash collected



19 General Meeting 2

Iowa Alpha

1. Project Information

- i. Date(s): 10/31/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 26 |
| Advisors | 2 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the second General Meeting of the semester. The meeting was held in-person. Attendees included 3 Cabinet officers (the Vice President, Mackenzie Donald; the Initiation Officer, Benjamin Smock and Project Officer, Nathan Patel); Chief Advisor LeVern Faidley, Advisor and District Director, James Hill, 26 initiates (25 undergraduates and 1 graduate student), and 2 Tau Beta Pi - Iowa Alpha Scholars.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.

iii. Organization and Administration

General meetings of the Chapter are generally held every other week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, and scholars through the weekly Iowa Alpha eBent. Unfortunately this semester no general meeting took place until the 10th week of the semester due to the chapter leadership being unable to reserve a meeting room.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting announcements include the upcoming events including Bent Polishing to take place on Sunday afternoon November 5. Initiates were requested to register on Canvas for Bent Polishing indicating what time they would participate so others could avoid the times the bent polishing power equipment would be in heavy use.. Since it was Halloween, the Vice President led a game of Halloween Themed Jeopardy, in which the initiates enjoyed participating.

20 New Member Election

Iowa Alpha

1. Project Information

- i. Date(s): 11/01/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 3 |
| Cabinet Officers | 8 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

Following the second General Meeting of the semester Tau Beta Pi Headquarters was contacted concerning timing for ordering membership keys/pins, certificates and membership cards for new members and was informed that the deadline for ordering membership keys/pins was already past and the others could take 2 to 3 weeks. As a result it was considered necessary for new members to be elected before the next general meeting scheduled to take place on November 7, 2023. In discussion with the chapter leadership most directly involved with the initiates it was determined that many initiates had fulfilled their service hour requirements, attended one or both of the first two general meetings and were registered to participate in additional required initiation activities. The second group of initiates had essentially done nothing towards meeting membership other than accept the invitation to join the Tau Bet Pi Organization on Canvas where the initiation process is managed. and in a few cases take the initiate quiz and at this point in the semester would not be able to fulfill the initiate requirements for membership. The Iowa Alpha Advisory Board was contacted with the proposal to elect the first group of 48 initiates to membership and inform the second group that that they had not been elected. The proposal received the approval of the Advisory Board. Participating in the decision were 8 Cabinet officers (President, Cassandra Volpe; Vice President, Mackenzie Donald; Initiation Officers,

Benjamin Smock and Nicole Martingale, Project Officers, Bennett Hageman and Nathan Patel; Corresponding Secretary, Erik Dalle; Treasurer, Evan Gillis); Chief Advisor, LeVern Faidley; Advisor, District Director, James Hill and Advisor, Amy Kalieta.

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

The election of new members is one of the main responsibility of the Chapter.

iii. **Organization and Administration**

The organization of new membership election was successful in our initiation of new members , However it is hoped that the unusual circumstances this semester which resulted in the necessity to deviate from the normal practice of new member election can be avoided in the future.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Of the 48 student initiates elected to membership, 47 accepted their election and 46 participated in the initiation ceremony and became members. Also elected to membership was one Eminent Engineer, Dr. Richard Dennis Vigil, Chair, Department of Chemical and Biological Engineering, who accepted his election and was initiated.

21 Free Coffee Friday 3

Iowa Alpha

1. Project Information

- i. Date(s): 11/03/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|-----------|-------|
| Initiates | 15 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 2.5 |

2. Project Evaluation

i. General Description

The Free Coffee Friday service project provides free coffee, tea and hot chocolate to engineering students, faculty and others between classes on three Friday mornings during October and November. The third Free Coffee Friday event of the semester was held on Friday morning November 3 from 8:00 am to 11:00 am in the atrium of the Student Innovation Center, an area with normally a high volume of students going to and from class. Setup began at 7:30 am and cleanup was completed by 11:15 am. Assisting in holding the third event were 15 initiates and 1 Advisor. The 15 initiates in attendance, all of whom were undergraduates was more than adequate to carryout the event.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the Free Coffee Friday events is make Tau Beta Pi and the Iowa Alpha Chapter better known among Iowa State University engineering students and faculty.

iii. Organization and Administration

Authorization was requested and received for Iowa Alpha to hold Free Coffee Friday three times during the semester. Volunteers who assist are required to take the online Food Safe Certification Course. The atrium of the Student Innovation Center is a relatively high traffic

area for students going to and from class, so is a good location for the event. An Advisor stores the coffee makers, coffee, tea, hot chocolate, cups, spoons napkins, condiments, table cloths, signs advertising the event and brings them to the Student Innovation Center. A Google Form and Spreadsheet is used by the members and initiates to indicate the times they will volunteer to assist with serving the coffee at each event.

iv. **Total Cost**

\$39.9

v. **Cost Breakdown**

Personnel requirements for each event is about 3-6 people each working for 1-2 hours. No supplies were purchased for the third Free Coffee Friday. Total supply purchases for the semester were \$39.90 and were made from a Fareway store and paid for by the Chief Advisor.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Ninety nine drinks were given away to students, faculty, and staff during the third event. The turnout for the third Free Coffee Friday was larger than the first two event when 74 drinks were given away at the first event and 76 at the second. Overall for the semester 249 hot drinks were given away with hot chocolate and coffee being the most popular. The Chapter plans to continue holding this event each semester as it is popular with both students and faculty members as well as campus visitors.

3. **Additional Attachments**

Figure 44: Setup complete



Figure 45: First customers



Figure 46: Additional customers



Figure 47: Nearing the end



22 Bent Polishing 1

Iowa Alpha

1. Project Information

- i. Date(s): 11/05/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Initiation Activities
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 21 |
| Advisors | 1 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

During the Bent Polishing activity, initiates receive a flat cast bronze bent to polish, which they are expected to wear during the initiation ceremony and banquet. The first bent polishing party was held Sunday afternoon November 5. Attending were, 21 undergraduate initiates, 3 cabinet officers and 1 advisor. The chapter membership fee of \$35.00 was paid by 17 of the initiates who polished their bent.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Iowa Alpha has had a tradition of Tau Beta Pi initiates being given bents to polish and wear during the initiation ceremony.

iii. Organization and Administration

The Chapter has 4 belt and disk sanders, files, vices and other polishing equipment for initiates to use to polish their bents. Sunday afternoon from 1:00 – 5:00 p.m. was selected for the bent polishing activity. Initiation Officers and members supervise use of the equipment and initiates are required to wear safety glasses and gloves when using the power equipment. Initiates are sent an E-mail invitation to attend, and are requested to pay their \$35.00 chapter membership fee at the event, if they have not already done so. To facilitate effective use of the power equipment, initiates are requested to sign up for 1 hour time slots using a Doodle Poll.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The \$6.75 cost of each bent is included in the initiation fees. Four to five officers/members/advisor are needed to set up the polishing equipment and supervise the initiates.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The bent polishing activities went smoothly. The Chapter was able to use the Student Innovation Laboratory in Sukup Hall for bent polishing, which worked quite well. The Initiate attendance at the event was good with 21 initiates polishing their bents. The power equipment was in high demand by initiates during the first hour of bent polishing. In addition to polishing their bents, 17 initiates who attended bent polishing paid their \$35.00 chapter membership A second Bent Polishing session will be held later in the semester.

3. **Additional Attachments**

Figure 48: Electees at work bench



Figure 49: Electees doing hand polishing



Figure 50: Electee wearing her bent



23 General Meeting 3

Iowa Alpha

1. Project Information

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

| Category | Count |
|---------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Iowa Alpha Scholars | 2 |
| Electees | 40 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the third General Meeting of the semester. The meeting was held in-person. Attendees included 2 Cabinet officers (the Vice President, Mackenzie Donald; the Initiation Officer, Benjamin Smock, Chief Advisor LeVern Faidley, 40 electees (36 undergraduates and 4 graduate student), and 2 Tau Beta Pi - Iowa Alpha Scholars.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.

iii. Organization and Administration

General meetings of the Chapter are generally held every other week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, and scholars through the weekly Iowa Alpha eBent. Unfortunately this semester no general meeting took place until the 10th week of the semester due to the chapter leadership being unable to reserve a meeting room.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The electees were congratulated on their election to membership. They were provided a link to their Tau Beta Pi on-line catalog card and requested to complete their card during the meeting. This worked exceptionally well with all but 6 catalog cards being completed during the meeting and the remaining on-line catalog cards the following day. This was particularly valuable in facilitating submission of the Report of Election, due to the delay in the election of new members fall semester.

24 Engineering Futures

Iowa Alpha

1. Project Information

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

| Category | Count |
|---------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Iowa Alpha Scholars | 1 |
| Electees | 40 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0 | 3.5 |

2. Project Evaluation

i. General Description

Traditionally, Iowa Alpha holds an Engineering Futures Session each semester. However, until this semester a session had not been held since 2019. This semester a Saturday morning and afternoon session focus on Communications and include three modules: (i) First Contact: Communicating with Purpose, (ii) Let's Talk: Communicating about Problems and (iii) It's Complicated: Communicating about Complexity. Sessions were held in 1304 Howe Hall. Attendance at a session is required for electees, if possible, and members and Iowa Alpha Scholars are also invited to participate. Food was provided between the sessions consisting of Jimmy John's sandwiches, chips, cookies and drinks. In total, 40 electees (34 undergraduates and 6 graduate students) and 1 Iowa Alpha scholar participated in the sessions. Two Cabinet Officers and 1 advisor provided support for the sessions. Angadbir Singh, an Engineering Futures Facilitator and ISU graduate and Iowa Alpha member taught the sessions.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Engineering Futures helps prepare students with skills that they don't receive in the classroom. These people skills help prepare participants for situations they will face as professional engineers, but are also useful in the classroom and as active Tau Beta Pi members.

iii. **Organization and Administration**

Steps taken by the Chapter to arrange for and hold the Engineering Futures session for the Fall Semester were:

- request a facilitator from Tau Beta Pi Headquarters;
- make arrangements for a location and communicate with the facilitator to make sure the room fits the requirements and necessary supplies are available;
- advertise the event to initiates/electees, Tau Beta Pi members and Tau Beta Pi - Iowa Alpha Scholars;
- make arrangements for food and drinks for participants.

Initiates sign up using Canvas and the Tau Beta Pi Headquarters Engineering Futures registration System. The weekly eBent advertises the event to initiates/electees, members and scholars for them to register to attend.

iv. **Total Cost**

\$299.9

v. **Cost Breakdown**

The Association covers the travel and other costs of the facilitator. The cost for food and drinks provided to participants between the two Saturday sessions was \$299.00 and food and drinks. Personnel requirements were 2-3 Iowa Alpha Officers/Advisors to assist with registration and lunch.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The Engineering Futures sessions were quite successful. The participation of 40 initiates and 1 scholar was very good. Everyone registered for the sessions attended. The Engineering Futures Facilitator, was excellent. The participants expressed appreciation for the information presented during the sessions and the group activities in which they participated. Participants also enjoyed the food provided to participants at both sessions.

3. **Additional Attachments**

Figure 51: Morning session participants



Figure 52: Let's Talk module



Figure 53: Lunch break



Figure 54: Afternoon session participants



Figure 55: Facilitator discussion effective consultations



25 General Meeting 4

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 36 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the fourth General Meeting of the semester. The meeting was held in-person. Attendees included 2 Cabinet officers (the President Cassandra Volpe and Vice President, Mackenzie Donald); Advisor and District Director, James Hill, and 21 electees (17 undergraduates and 4 graduate student),

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.

iii. Organization and Administration

General meetings of the Chapter are generally held every other week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, and scholars through the weekly Iowa Alpha eBent. Unfortunately this semester no general meeting took place until the 10th week of the semester due to the chapter leadership being unable to reserve a meeting room.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting was manly devoted to election of officers for spring semester. The Officers elect and their positions were: Mackenzie Donald - President, Samuel Indorante - Vice President, Oluwatuyi Olowoyeye - Treasurer, Tyler Richardson - Project Officer, Ryan Muetzel - Project Officer and Jackson Schendel - Chapter Survey Officer (Membership Officer). Reelected to a new term as an Advisor was W. Samuel Easterling, Dean of the College of Engineering.

26 General Meeting 5

Iowa Alpha

1. Project Information

- i. Date(s): 11/28/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 2 |
| Members | 5 |
| Electees | 19 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the fifth General Meeting of the semester. The meeting was held in-person. Attendees included 2 Cabinet officers (the Vice President, Mackenzie Donald; the Corresponding Secretary, Erik Dralle; Chief Advisor, 19 electees (17 undergraduates and 2 graduate student), and 5 members graduating Fall semester. .

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.

iii. Organization and Administration

General meetings of the Chapter are generally held every other week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, and scholars through the weekly Iowa Alpha eBent. Unfortunately this semester no general meeting took place until the 10th week of the semester due to the chapter leadership being unable to reserve a meeting room.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting went very well, with the graduating seniors talking about their plans following graduation. Tau Beta Pi stoles were presented to the graduating seniors, who were active in the chapter and available for purchase for others. An on-line game was also played and enjoyed by the participants. The electees were reminded about the make-up Bent Polishing session that would be held the afternoon of December 2 and the initiation ceremony and banquet on Sunday afternoon December 3, for which they were requested to arrive at 5:00 pm.

3. **Additional Attachments**

Figure 56: Chapter Leadership



Figure 57: Meeting attendees



Figure 58: Meeting attendees



Figure 59: Meeting attendees



27 Bent Polishing 2

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 15 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

During the Bent Polishing activity, initiates receive a flat cast bronze bent to polish, which they are expected to wear during the initiation ceremony and banquet. The second bent polishing party was held Saturday afternoon December 2. Attending were, 15 undergraduate initiates, 2 cabinet officers and 1 advisor. The chapter membership fee of \$35.00 was paid by 7 of the initiates who polished their bent. The Bent Polishing activity was originally scheduled to take place on November 12, but had to be postponed as the Chief Advisor was ill with Covid and the Vice President was the only Cabinet Office available to assist with the event.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Iowa Alpha has had a tradition of Tau Beta Pi initiates being given bents to polish and wear during the initiation ceremony.

iii. Organization and Administration

The Chapter has 4 belt and disk sanders, files, vices and other polishing equipment for initiates to use to polish their bents. Sunday afternoon from 1:00 – 5:00 p.m. was selected for the bent polishing activity. Initiation Officers and members supervise use of the equipment and initiates are required to wear safety glasses and gloves when using the power equipment. Initiates are sent

an E-mail invitation to attend, and are requested to pay their \$35.00 chapter membership fee at the event, if they have not already done so. To facilitate effective use of the power equipment, initiates are requested to sign up for 1 hour time slots using a Doodle Poll.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The \$6.75 cost of each bent is included in the initiation fees. Four to five officers/members/advisor are needed to set up the polishing equipment and supervise the initiates.

vi. **Special Problems Encountered**

The event had to be postponed due to the illness of the Chief Advisor and lack of cabinet officers to assist with the event on the original date set for the event.

vii. **Overall Evaluation**

The bent polishing went smoothly. The Chapter was able to reschedule use of the Student Innovation Laboratory in Sukup Hall for bent polishing. The Initiate attendance at the event was good with 15 initiates polishing their bents. The power equipment was available to initiates without a waiting period throughout the afternoon. In addition to polishing their bents, 7 initiates who attended bent polishing paid their \$35.00 chapter membership fee.

3. Additional Attachments

Figure 60: Electees using power equipment



Figure 61: Electee with bent



Figure 62: Electees with bents



Figure 63: More Electees with bents



28 Initiation Ceremony and Banquet

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Guest | 40 |
| Advisors | 2 |
| Cabinet Officers | 4 |
| Members | 1 |
| Electees | 47 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0 | 3.5 |

2. Project Evaluation

i. General Description

The initiation ceremony and banquet was held on Sunday, December 3, 2023, the day prior to the start of dead week. In attendance were 47 electees (40 undergraduates, 6 graduate students and 1 Eminent Engineer (who was the guest speaker at the banquet), 4 Cabinet officers, 1 Tau Beta Pi member, 2 Advisors, and 40 parents and guests of the new members.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The initiation ceremony and banquet is the culmination of the initiation process. The initiation of new undergraduates, graduate students, Eminent Engineers and Alumnus members contributes to Tau Beta Pi's purpose "to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character" and "their attainments as alumni in the field of engineering".

iii. **Organization and Administration**

Rooms for the initiation ceremony and banquet are reserved in advance. Four weeks before the banquet, new initiates are informed of their election. The menu for the banquet buffet dinner is also chosen. Three weeks before the banquet, members are recruited to help with the ceremony and chapter officers and active members are invited by the Chief Advisor to attend the banquet as his guests. A week before the banquet, the final tally of banquet attendees is made and given to the Caterer and the banquet programs and name tags are printed. Cabinet Officers and Advisors assisting with the initiation ceremony and banquet are requested to arrive about two hours before the ceremony to set up the initiation room and prepare the atrium for the banquet. Electees are requested to arrive a half hour before the start of the ceremony.

iv. **Total Cost**

\$1561.0

v. **Cost Breakdown**

The cost to use the atrium of Sukup Hall for the banquet was \$305.00, with use of the Davidson Conference room for the initiation ceremony being free of cost. The cost of food ordered from Hy-Vee Catering was \$1,561.00. To cover the cost of the banquet \$20.00 was taken from the chapter membership fee, guests were charged \$20.00 each and the cost of cabinet officers, members and the invited speaker was paid by the Chief Advisor. Payment from the guests of new members totaled \$800.00

vi. **Special Problems Encountered**

One problem was a shortage of officers and members assisting with the initiation ceremony, which required those reading parts of the ceremony to read more than one.

vii. **Overall Evaluation**

The initiation ceremony and banquet all went fairly smoothly. With the initiation of 47 new members the total number of Iowa Alpha members reached was 8,680. Initiates were requested to arrive 15-30 minutes before the start of the initiation ceremony. The ceremony started at 5:30 pm and everyone initiated was on time. The initiation ceremony was completed by 6:30 pm which allowed the banquet to start shortly thereafter.. Catering was provided by Hy-Vee Catering and went smoothly. The guest speaker was the new Eminent Engineer member Richard Dennis Vigil, Professor and Reginald R. Baxter Endowed Department Chair of the Department of Chemical and Biological Engineering at Iowa State University. Overall the banquet was very successful and participants enjoyed themselves.

3. **Additional Attachments**

Figure 64: Electees in Alphabetical Order

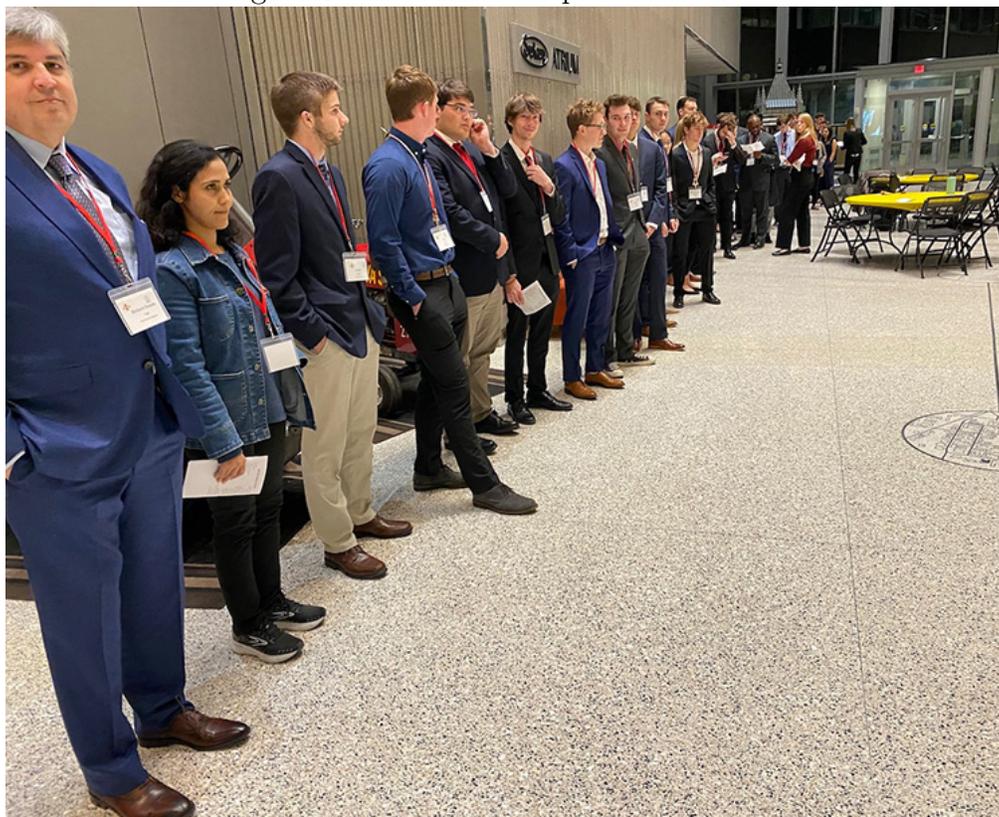


Figure 65: Guests



Figure 66: Eminent Engineer Guest Speaker



Figure 67: New Members



29 Commencement Ceremony Fall 2023

Iowa Alpha

1. Project Information

- i. Date(s): 12/16/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|----------|-------|
| Advisors | 1 |
| Members | 10 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 3.0 |

2. Project Evaluation

i. General Description

Since 2008 the Iowa Alpha Chapter has rewarded members who were active in the Chapter by providing them Tau Beta Pi stoles when they graduate. Other Tau Beta Pi members are eligible to wear the stole by purchasing a stole for \$20.00.

During the 2023 Fall semester Iowa State University Commencement Ceremonies, 2 Distinguished Members, 2 new members, the Engineering Student Marshall and 5 other student members wore Tau Beta Pi stoles. The stoles are very distinctive on the black gowns worn during the graduation ceremony and make it possible to pick out the Tau Beta Pi members from among the more than 1,000 engineering graduates Spring semester.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The use of the Tau Beta Pi stole is mainly intended to reward active members for their contributions to the Chapter, but has had the added benefit of identifying Tau Beta Pi members among all graduates, thereby contributing to Tau Beta Pi's purpose - to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character.

iii. **Organization and Administration**

Information on the availability of stoles is sent to all senior and graduate student members with a request that graduating students inform the Chief Advisor if they want to buy or receive a stole only if it is free. Stoles are ordered from Headquarters and available for pick-up at the final General Meeting - Senior Sendoff of the semester, or later from the Chief Advisor at a central location prior to graduation day.

iv. **Total Cost**

\$220.0

v. **Cost Breakdown**

The Chapter purchases stoles from Tau Beta Pi Headquarters at a price of \$22.00 each. Income from the sale of 5 stoles was \$100.00. The value of the 5 stoles given to graduate was \$100.00. Actual cost to the Chapter was 120.00. This cost was covered by the chapter.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The use of the stoles is popular among both the active members and other Tau Beta Pi graduates. At Iowa State, all graduates are individually introduced and greeted by the University President or Provost during the graduation ceremony. Therefore, those wearing the Tau Beta Pi stoles were easily identifiable by parents and guests attending the ceremony. The 10 graduates wearing stoles was lower than in the Spring semester and included Rebecca Paths, the Student Marshall for the College of Engineering, who carried the College Banner preceding the graduates and was individually recognized and received her diploma from the University President.

3. **Additional Attachments**

Figure 68: Student Marshall with Banner



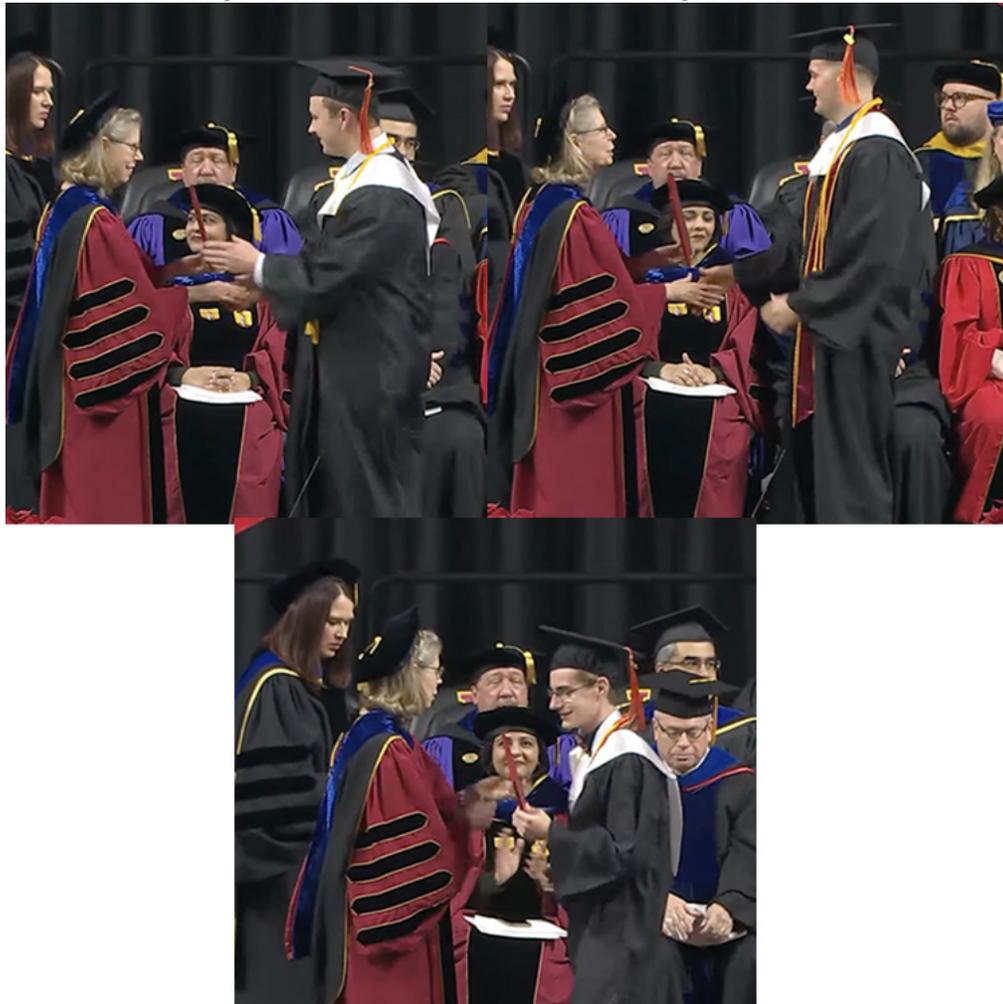
Figure 69: Introduction by Dean



Figure 70: Graduates receiving diplomas



Figure 71: More Graduates receiving diplomas



30 Cabinet Meeting 1

Iowa Alpha

1. Project Information

- i. Date(s): 01/30/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 6 |
| Members | 5 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

- i. **General Description**

This was the first Cabinet meeting of the semester and was exclusively for Cabinet officers and advisors. Attending the meeting were 6 cabinet officers and 2 advisors. Those attending were Mackenzie Donald, President; Samuel Indorante, Vice President; Benjamin Smock, Initiation Officer, Jackson Schendel, Project Officer; Ryan Muetzel, Project Officer, Wyatt Curtis, Scholars Program Chair; James Hill, Advisor and District Director and LeVern Faidley, Chief Advisor.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Cabinet meetings are an important means by which the Chapter officers are informed of ongoing and planned activities and their roles within the effective operation of the Chapter are clarified.
- iii. **Organization and Administration**

A Cabinet meeting is held at the beginning of each semester. Announcement of the meeting and its agenda and location is communicated to officers through E-mail. A meeting room was reserved to serve as the site of both the Cabinet meeting and General meetings throughout the semester.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There was no cost.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This meeting served as an introduction to the new officers, and included expectations for each officer and for the chapter as a whole.

31 Initiate Letter Stuffing

Iowa Alpha

1. Project Information

- i. Date(s): 02/04/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 5 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

Invitee Letter Stuffing is done each semester as soon as the list of eligible students is available and the letters are printed. The letters from the Dean inviting the qualified undergraduate and graduate students to join Tau Beta Pi are placed in envelopes for mailing. Letters to the parents of undergraduate students with US addresses are also placed in envelopes. Spring semester we had 5 Cabinet officers and 1 advisor participated in the letter stuffing activity.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose is to inform students qualified for Tau Beta Pi membership of their eligibility and send them an invitation to join. Letters are also sent to the parents of the undergraduate students informing them of their son or daughter's eligibility.

iii. Organization and Administration

The Iowa Alpha Faculty Advisor gets access to the "10 Day List" of Engineering students for the semester and prepares the list of eligible undergraduate and graduate students. Letters from the Dean are sent to the undergraduate students and their parents, and to eligible graduate students. The Chief Advisor prints the letters on stationary provided by the Dean's Office, and the Dean's Office also provides the envelopes and does the mailing. Iowa Alpha officers and members fold the letters and insert them in the envelopes.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None. The Dean's Office provides the stationary and pays for the postage. The letters are printed by the Chief Advisor on his personal laser printer.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

All letters were prepared for mailing to eligible students and their parents. With 5 cabinet officers and the Chief Advisor working to fold and place the letters in envelopes it took less than 2 hours to complete. In total, 921 envelopes were stuffed, 352 parent letters, 476 undergraduate student letters (61 on-campus addresses and 415 off-campus addresses) and 93 graduate student letters. A total of 593 undergraduate students were eligible for Tau Beta Pi membership of which 110 were already members. Therefore, 483 undergraduate students were invited to join Iowa Alpha this semester. Similarly, 110 graduate students were eligible of which 17 were already Tau Beta Pi members. Therefore, 93 graduate students were invited to join Iowa Alpha this semester. Following completion of the letter stuffing participants enjoyed homemade cookies made by the Chief Advisor's wife.

3. **Additional Attachments**

Figure 72: Letter Stuffing participants



Figure 73: Enjoying Homemade Cookies



32 General Meeting 1

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 5 |
| Members | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the first General Meeting of the semester. The meeting was held in-person. Attendees included 5 Cabinet officers, 2 member and, 1 Advisors. Those attending were: Mackenzie Donald, President; Benjamin Smock, Initiation Officer; Ryan Muetzel, Project Officer, two members, Laurel Barnet and Tim De Wit and Chief Advisor, LeVern Faidley.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting was mainly devoted to an overview of the upcoming semester and the introduction of the cabinet officers . Cabinet officers introduced themselves and described the responsibilities of their positions. The Chapter President, Mackenzie Donald, then reviewed the schedule of activities for the semester.

33 General Meeting 2

Iowa Alpha

1. Project Information

- i. Date(s): 02/13/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

- i. **General Description**

This was the second General Meeting of the semester. The only attendees at the meeting were: Mackenzie Donald, President; and Chief Advisor, LeVern Faidley.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities.
- iii. **Organization and Administration**

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.
- iv. **Total Cost**

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

None

vi. **Special Problems Encountered**

The only attendees at the meeting were the President and Chief Advisor.

vii. **Overall Evaluation**

The meeting was devoted to reviewing the PowerPoint presentation and handouts for the initiate Information meetings to take place on Wednesday evening February 14 and Thursday evening, February 15. The setting up of initiate small groups to help implement service and outreach activities was also discussed.

34 Initiate Information Meeting 1

Iowa Alpha

1. Project Information

- i. Date(s): 02/14/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Initiation Activities
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 23 |
| Advisors | 1 |
| Cabinet Officers | 4 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The information meeting was the first of two sessions held for the students invited to become Tau Beta Pi members, the second being held a day later. The Chapter President and Initiation Officer give a PowerPoint presentation describing Tau Beta Pi and the Iowa Alpha initiation process. They described the initiate small groups in which the initiates could participate (Note: leaders for these small groups could not be found, so no small group meeting were held). Attending the meeting, which was held in-person were 4 Cabinet Officers, 1 Advisor, 18 undergraduate invitees and 5 graduate student invitees.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to meet with potential new members to inform them about Tau Beta Pi and the Iowa Alpha initiation process. The information meeting was integral to the initiation process, which contributes to Tau Beta Pi's purpose "to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character".

iii. **Organization and Administration**

The time and location of the meeting was included in the invitation letter sent to all eligible students. Eligible students were also informed about the information session by E-mail. A PowerPoint presentation was prepared describing Tau Beta Pi, the Iowa Alpha Chapter and the initiation process and requirements for membership. The University's Canvas, software its used by the chapter for managing and monitoring the initiation process.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

none

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting and presentation went very well. The potential initiates who attended the Information Session had completed a Google Form indicating they were interested in joining Tau Beta Pi Spring semester. The 23 invitees who attended the first information meeting was higher than the number who had registered to attend.

35 Initiate Information Meeting 2

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Initiates | 25 |
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The information meeting was the second of two sessions held for the students invited to become Tau Beta Pi members, the first being held a day earlier. The Chapter President and Initiation Officer give a PowerPoint presentation describing Tau Beta Pi and the Iowa Alpha initiation process, and described the initiate small groups in which the initiates could participate. (Note: leaders for these small groups could not be found, so no small group meeting were held). Attending the meeting, which was held in-person were 2 Cabinet Officers, 1 Advisor, 21 undergraduate invitees and 4 graduate student invitees.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to meet with potential new members to inform them about Tau Beta Pi and the Iowa Alpha initiation process. The information meeting was integral to the initiation process, which contributes to Tau Beta Pi's purpose "to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character".

iii. **Organization and Administration**

The time and location of the meeting was included in the invitation letter sent to all eligible students. Eligible students were also informed about the information session by E-mail. A PowerPoint presentation was prepared describing Tau Beta Pi, the Iowa Alpha Chapter and the initiation process and requirements for membership. The University's Canvas, software is used by the chapter for managing and monitoring the initiation process.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

none

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting and presentation went very well. The potential initiates who attended the Information Session had completed a Google Form indicating they were interested in joining Tau Beta Pi Spring semester. The 25 invitees who attended the second information meeting was higher than the number who had registered to attend the second meeting. In addition to the invitees attending the in-person meetings there were 27 undergraduates and 6 graduate student who expressed interest in joining but could not attend an information meeting. The 81 invitees expressing a desire to join Tau Beta Pi was the largest number since in person activities were resumed.

3. **Additional Attachments**

Figure 74: Initiation Officer and President



Figure 75: Registration sign-in

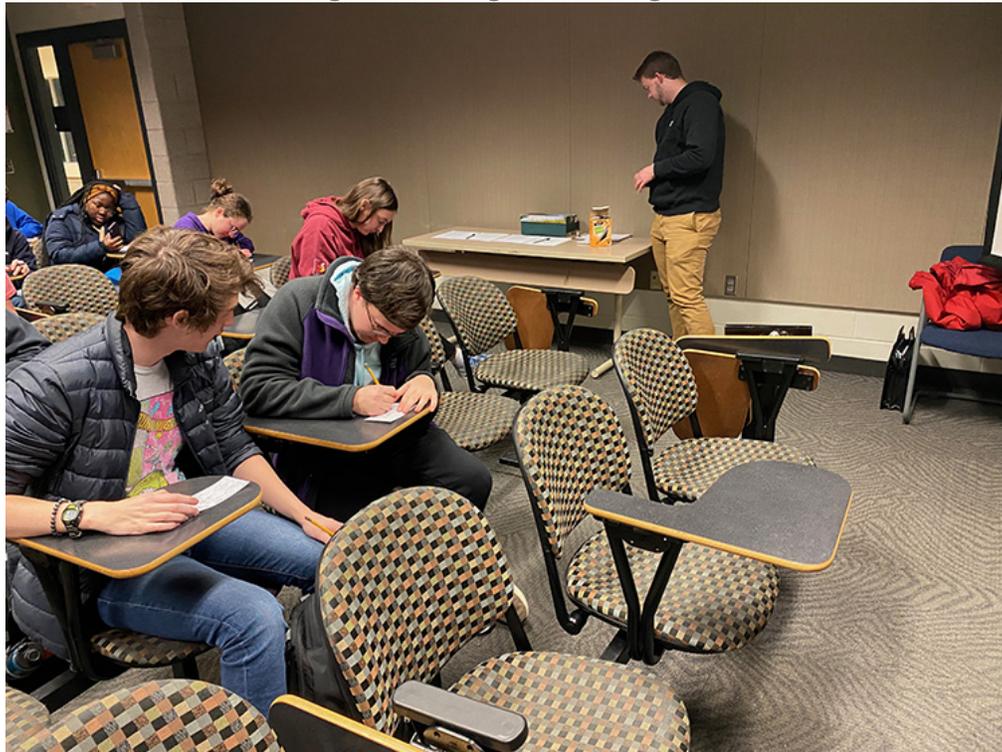


Figure 76: Invitees

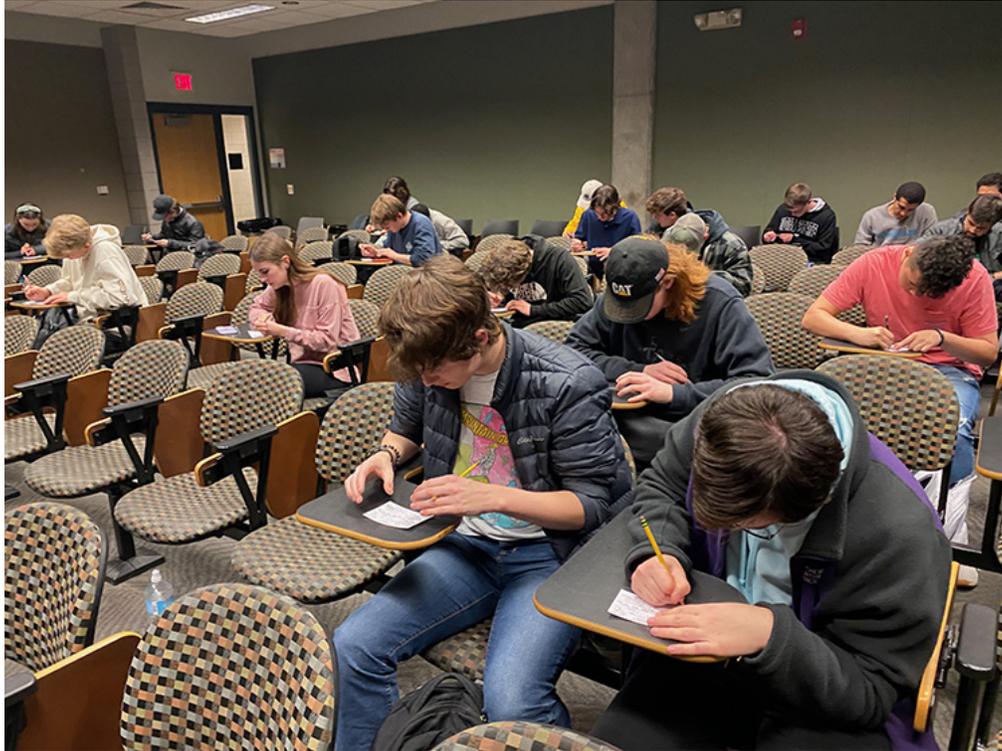


Figure 77: Invitees



36 General Meeting 3

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Initiates | 14 |
| Advisors | 2 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the Third General Meeting of the semester. This was the first meeting of the semester at which initiates could attend. Attending the meeting were the President, Mackenzie Donald; Initiation Officer, Benjamin Smock, Project Officer, Ryan Muetzel; Advisor and District Director, James Hill; Chief Advisor, LeVern Faidley, 11 undergraduate initiates and 3 graduate student initiates.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha

eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The semester's initiates were welcomed to the meeting and asked if they had any questions about the initiation process. All of the initiates attending the meeting indicated that had attended an initiate information meeting on either Wednesday evening February 14 or Thursday evening February 15 and had no questions. Since the meeting was the day after President's Day and this was the first opportunity for the initiates to get to know each other the Chapter President had organized a game of President's Jeopardy. The initiates were divided in to teams and worked together to select and answer questions concerning the U. S. Presidents.

3. **Additional Attachments**

Figure 78: On-line Participant Registration

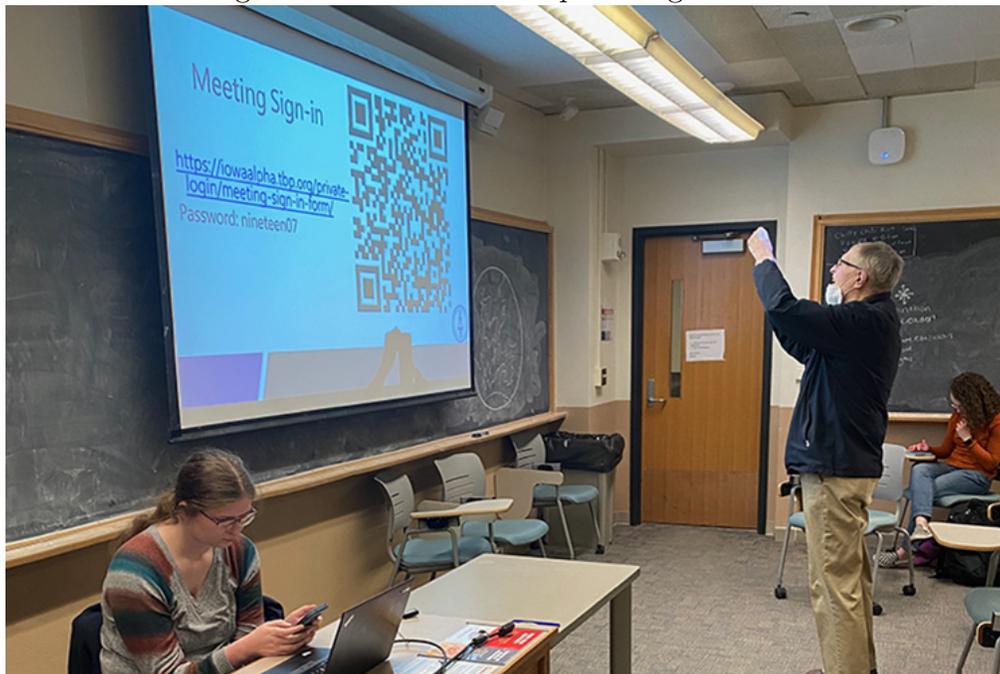


Figure 79: President's Day Jeopardy

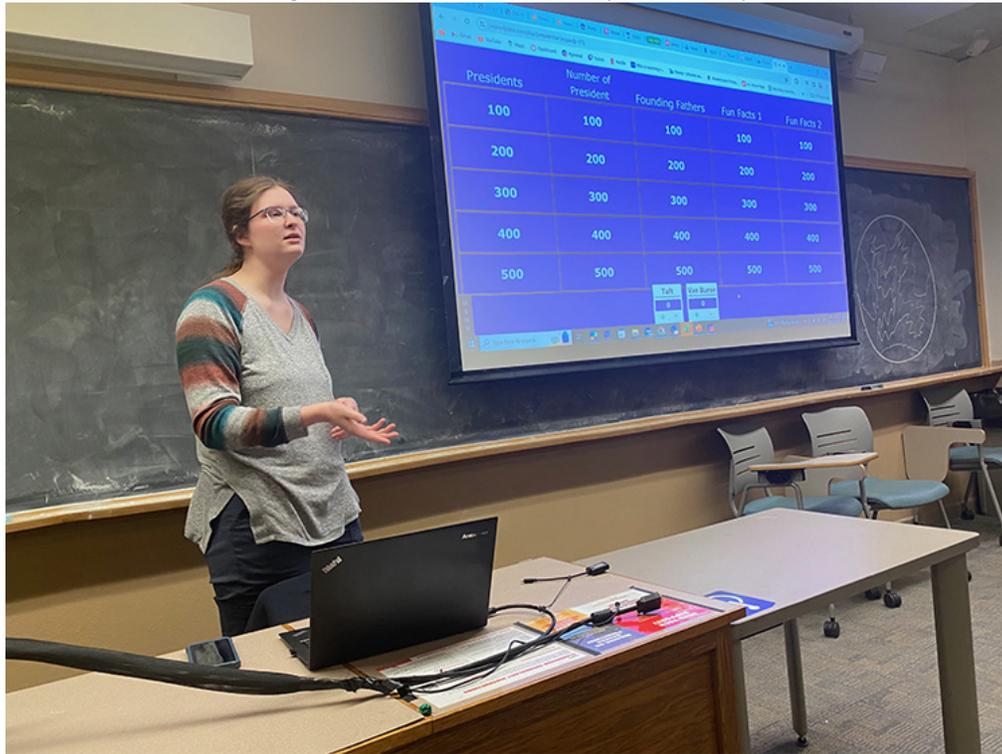


Figure 80: Jeopardy Team 1



Figure 81: Jeopardy Tean 2



37 General Meeting 4

Iowa Alpha

1. Project Information

- i. Date(s): 02/27/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 9 |
| Advisors | 2 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

- i. **General Description**

This was the Fourth General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; Initiation Officer, Benjamin Smock, Advisor and District Director, James Hill; Chief Advisor, LeVern Faidley and 9 undergraduate initiates.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.
- iii. **Organization and Administration**

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The semester's initiates were welcomed to the meeting and asked if there were other meeting attendees that they knew. As most of the attendees did not know each other everyone was asked to introduce themselves, providing their name, major, class year, and interesting fact about themselves. Each person was then asked to state three things about themselves, two of which were true and one false, and the other attendees guessed which was the false statement. The meeting concluded with information about the coming initiate activities which included Free Coffee Friday distribution of Coffee Tea and Hot Chocolate of Friday, March 1, Bent Polishing on Sunday afternoon March 3. and Pi Day Celebration on Thursday March 7, since the actual Pi Day would be during spring break.

3. **Additional Attachments**

Figure 82: Initiate meeting attendees



38 Free Coffee Friday 1

Iowa Alpha

1. Project Information

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

| Category | Count |
|-----------|-------|
| Initiates | 9 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 2.5 |

2. Project Evaluation

i. General Description

The Free Coffee Friday service project provides free coffee, tea and hot chocolate to engineering students, faculty and others between classes on three Friday mornings during March and April. The first Free Coffee Friday event of the semester was held on Friday morning March 1 from 8:00 am to 11:00 am in the atrium of the Student Innovation Center, an area with normally a high volume of students going to and from class. Setup began at 7:30 am and cleanup was completed by 11:15 am. Assisting in holding the first event were 9 initiates (4 undergraduates and 5 graduate students) and 1 Advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the Free Coffee Friday events is make Tau Beta Pi and the Iowa Alpha Chapter better known among Iowa State University engineering students and faculty.

iii. Organization and Administration

Authorization was requested and received for Iowa Alpha to hold Free Coffee Friday three times during the semester. Volunteers who assist are required to take the online Food Safe Certification Course. The atrium of the Student Innovation Center is a relatively high traffic area for students going to and from class, so is a good location for the event. An Advisor stores

the coffee makers, coffee, tea, hot chocolate, cups, spoons napkins, condiments, table cloths, signs advertising the event and brings them to the Student Innovation Center. A Google Form and Spreadsheet is used by the members and initiates to indicate the times they will volunteer to assist with serving the coffee at each event.

iv. **Total Cost**

\$32.99

v. **Cost Breakdown**

Personnel requirements for each event is about 3-6 people each working for 1-2 hours. Supplies for the first Free Coffee Friday were purchased at a cost \$32.99 from a Fareway store and paid for by the Chief Advisor

vi. **Special Problems Encountered**

Student volunteers all had to leave by 10:30 so the Chief Advisor was left to clean up after the conclusion of the event.

vii. **Overall Evaluation**

Eighty-six drinks were given away to students, faculty, and staff during the first event. The large turnout for the first Free Coffee Friday was a pleasant surprise since turnout Fall semester for the first event was relatively low. The Chapter plans to continue holding this event throughout the semester with the remaining two give aways being on March 24 and April 7.

3. **Additional Attachments**

Figure 83: Ready for the First Recipient



Figure 84: First Recipient



Figure 85: More Recipients



Figure 86: Additional Volunteers



39 Bent Polishing 1

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Initiates | 26 |
| Advisors | 1 |
| Cabinet Officers | 3 |
| Members | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

- i. **General Description**

During the Bent Polishing activity, initiates receive a flat cast bronze bent to polish, which they are expected to wear during the initiation ceremony and banquet. The first bent polishing party was held Sunday afternoon March 3, 2024 . Attending were, 26 initiates (19 undergraduates and 7 graduate students), 3 cabinet officers, 2 members and 1 advisor. The chapter membership fee of \$35.00 was paid by 18 of the initiates who polished their bent.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Iowa Alpha has had a tradition of Tau Beta Pi initiates being given bents to polish and wear during the initiation ceremony.
- iii. **Organization and Administration**

The Chapter has 5 belt and disk sanders, files, vices and other polishing equipment for initiates to use to polish their bents. Sunday afternoon from 1:00 – 5:00 p.m. was selected for the bent polishing activity. Initiation Officers and members supervise use of the equipment and initiates are required to wear safety glasses and gloves when using the power equipment. Initiates are

sent an E-mail invitation to attend, and are requested to pay their \$35.00 chapter membership fee at the event. To facilitate effective use of the power equipment, initiates are requested to signup for 1 hour time slots using a Google Form.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The \$6.75 cost of each bent is included in the initiation fees. Four to five officers/members/advisor are needed to set up the polishing equipment and supervise the initiates.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The bent polishing activities went smoothly. The Chapter was able to use the Student Innovation Laboratory in Sukup Hall for bent polishing, which worked quite well. The Initiate attendance at the event was quite good with 26 initiates (19 undergraduates and 7 graduate student) polishing their bents. The power equipment was in high demand by initiates during the first and last hour, with fewer initiates during the middle of the afternoon. In addition to polishing their bents 18 initiates who attended bent polishing paid their \$35.00 chapter membership fees.

3. **Additional Attachments**

Figure 87: Bent polishing Handwork



Figure 88: Power Equipment in Use



Figure 89: Using Power Sanders



Figure 90: Initiates with Polished Bents



40 General Meeting 5

Iowa Alpha

1. Project Information

- i. Date(s): 03/05/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 13 |
| Advisors | 2 |
| Cabinet Officers | 1 |
| Members | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the Fifth General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; 2 Advisors, 1 member and 9 initiates (4 undergraduates and 5 graduate students).

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The initiates were welcomed to the meeting and informed of the Pi Day Celebration on Thursday March 7, since the actual Pi Day would be during spring break. The attendees then formed small groups to play card or board games. Since this was the last general meeting before Spring break attendees were wished a good break from classes.

3. **Additional Attachments**

Figure 91: Meeting attendees



Figure 92: Card Game Participants



Figure 93: Board Game Participants



Figure 94: More Card Game Participants



41 Pi Day Celebration

Iowa Alpha

1. Project Information

- i. Date(s): 03/07/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|-----------|-------|
| Initiates | 10 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The purpose of the event is to distribute pieces of pie to engineering students, faculty and campus visitors in recognition of Pi Day. The event was scheduled to be held on Thursday, March 7, 2024, since March 14 was during the Iowa State University Spring Break when few student are on campus. Distribution of the pie was carried out in the University's Student Innovation Center Atrium, a large open area which many engineering students, faculty and visitors pass through during the day. Ten initiates (6 undergraduate and 4 graduate students) and 1 Advisor assisted in setting up, serving the pie, and cleanup following the event.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

To promote Tau Beta Pi and increase awareness of the Iowa Alpha Chapter among engineering students and faculty members at Iowa State University.

iii. Organization and Administration

A submission was made to the Iowa State University Events Authorization Committee for approval to distribute the pie. Their approval was made on the understanding that all of the volunteers serving the pie would complete the on-line course to become Food Safe Certified. The local Fareway Store was contacted concerning purchase of 40 pies to provide 320 pie pieces (100 Pi pieces of pie) plus a few extra).

iv. **Total Cost**

\$508.19

v. **Cost Breakdown**

A total of 40 pies (12 Apple, 6 Peach, 11 Cherry and 11 Strawberry-Rhubarb) were ordered from the Ames North Fareway store at a cost of \$428.61. Individual pie containers were purchased at a cost of \$65.58 and forks at a cost of \$14.00.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The Iowa Alpha Pie Day celebration was very successful. The event took place in the Student Innovation Center, centrally located near the main engineering buildings on campus. Forty pies (Apple, Cherry, Peach and Strawberry-Rhubarb) were purchased and the 320 pieces of pie placed in individual pie containers to allow recipients to easily take the pie with them. Pie was mainly handed out to students. However, several faculty members stopped by, as well as groups of campus visitors (potential future students and their parents). The pie was handed out over a two hour period, from 1:00 pm to 3:00 pm. In total 320 pieces of pie were handed out in under two hours meeting the goal of giving away 100 Pi pieces of pie. Many recipients were surprised and pleased to receive the free pie. The Chapter plans to continue to distribute free pie for Pi Day in the future.

3. **Additional Attachments**

Figure 95: Placing Pie in Individual Pie containers



Figure 96: Beginning Pie Distribution



Figure 97: Recipients Lining up to Receive Pie



Figure 98: Pie Distribution



Figure 99: More Pie Recipients



42 General Meeting 6

Iowa Alpha

1. Project Information

- i. Date(s): 03/19/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Initiates | 15 |
| Advisors | 2 |
| Cabinet Officers | 4 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

- i. **General Description**

This was the sixth General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; 3 Cabinet Officers, 2 Advisors, 15 initiates (14 undergraduates and 1 graduate student).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.
- iii. **Organization and Administration**

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Upcoming initiation activities were discussed which included Free Coffee Friday on March 21, Engineering Futures on Saturday March 22 and Bent Polishing on Sunday, March 23. Initiates were reminded that attendance at an Engineering Futures Session was an initiation requirement and they should try to attend, if possible. Those who had not attended the First Bent Polishing Party were requested to register for a specific time on March 23 to avoid times when the bent polishing equipment would be in heavy demand.

43 Free Coffee Friday 2

Iowa Alpha

1. Project Information

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

| Category | Count |
|-----------|-------|
| Initiates | 11 |
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 2.5 |

2. Project Evaluation

i. General Description

The Free Coffee Friday service project provides free coffee, tea and hot chocolate to engineering students, faculty and others between classes on three Friday mornings during March and April. The second Free Coffee Friday event of the semester was held on Friday morning March 22 from 8:00 am to 11:00 am in the atrium of the Student Innovation Center, an area with normally a high volume of students going to and from class. Due to a snow storm setup began at 8:00 am and cleanup was completed by 11:15 am. Assisting in holding the second event were 11 initiates (10 undergraduates and 1 graduate student) and 1 Advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the Free Coffee Friday events is make Tau Beta Pi and the Iowa Alpha Chapter better known among Iowa State University engineering students and faculty.

iii. Organization and Administration

Authorization was requested and received for Iowa Alpha to hold Free Coffee Friday three times during the semester. Volunteers who assist are required to take the online Food Safe Certification Course. The atrium of the Student Innovation Center is a relatively high traffic area for students going to and from class, so is a good location for the event. An Advisor stores

the coffee makers, coffee, tea, hot chocolate, cups, spoons napkins, condiments, table cloths, signs advertising the event and brings them to the Student Innovation Center. A Google Form and Spreadsheet is used by the members and initiates to indicate the times they will volunteer to assist with serving the coffee at each event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

Personnel requirements for each event is about 3-6 people each working for 1-2 hours. There was no cost.

vi. **Special Problems Encountered**

Student volunteers arrived on time. However, due to the snow storm the Chief Advisor, who stores the supplies and other equipment in his home, was delayed and did not arrive until 8:00 am.

vii. **Overall Evaluation**

A total of 59 drinks were given away to students, faculty, and staff during the second event. The turnout for the second Free Coffee Friday was a pleasant surprise given the snow storm the morning of the event.

3. **Additional Attachments**

Figure 100: Volunteers Ready for Recipients



Figure 101: First Recipient



Figure 102: More Recipients



44 Engineering Futures

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Initiates | 37 |
| Advisors | 1 |
| Cabinet Officers | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0 | 3.5 |

2. Project Evaluation

i. General Description

Traditionally, Iowa Alpha holds an Engineering Futures Session each semester. This semester the Saturday morning session focused on Communications and include three modules: (i) First Contact: Communicating with Purpose, (ii) Let's Talk: Communicating about Problems and (iii) It's Complicated: Communicating about Complexity. The afternoon session focused on Teamwork and included: (i) Teaming Up: Effective Group and Meeting Management and (ii) Speaking Up: Effective Presentation Skills.

Sessions were held in 1304 Howe Hall. Attendance at a session is required for initiates, if possible, and members and Iowa Alpha Scholars are also invited to participate. Food was provided following the morning session consisting of Jimmy John's sandwiches, chips, cookies and drinks. In total, 37 initiates (29 undergraduates and 8 graduate students) participated in the sessions. One Cabinet Officer and 1 advisor provided support for the sessions. An Engineering Futures Facilitator J. P. Blackford taught the sessions.

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

Engineering Futures helps prepare students with skills that they don't receive in the classroom. These people skills help prepare participants for situations they will face as professional engineers, but are also useful in the classroom and as active Tau Beta Pi members.

iii. **Organization and Administration**

Steps taken by the Chapter to arrange for and hold the Engineering Futures session for the Spring Semester were:

- request a facilitator from Tau Beta Pi Headquarters;
- make arrangements for a location and communicate with the facilitator to make sure the room fits the requirements and necessary supplies are available;
- advertise the event to initiates/electees, Tau Beta Pi members and Tau Beta Pi - Iowa Alpha Scholars;
- make arrangements for food and drinks for participants.

Initiates sign up using Canvas and the Tau Beta Pi Headquarters Engineering Futures Registration System. The weekly eBent advertises the event to initiates/electees, members and scholars for them to register to attend.

iv. **Total Cost**

\$216.69

v. **Cost Breakdown**

The Association covers the travel and other costs of the facilitator. The cost for Jimmy John's sandwiches, chips and cookies provided to participants following the morning session was \$216.69. Personnel requirements were met by 1 Iowa Alpha Officer and 1 Advisor who assisted with registration and lunch.

vi. **Special Problems Encountered**

Angadbir Singh who was planning to facilitate the Engineering Futures session had a family emergency and had to travel to India requiring identification of another facilitator a week before the session was to take place. Fortunately, Headquarters was able to find J.P. Blackford on short notice who agreed to facilitate the sessions..

vii. **Overall Evaluation**

The Engineering Futures sessions were quite successful. The participation of 37 initiates was very good. Nearly everyone registered for the sessions attended. The Engineering Futures Facilitator, was excellent. The participants expressed appreciation for the information presented during the sessions and the group activities in which they participated. Participants also enjoyed the food provided following the morning session.

3. **Additional Attachments**

Figure 103: Morning and Afternoon Participants



Figure 104: Discussion Group



Figure 105: Facilitator J P Blackford

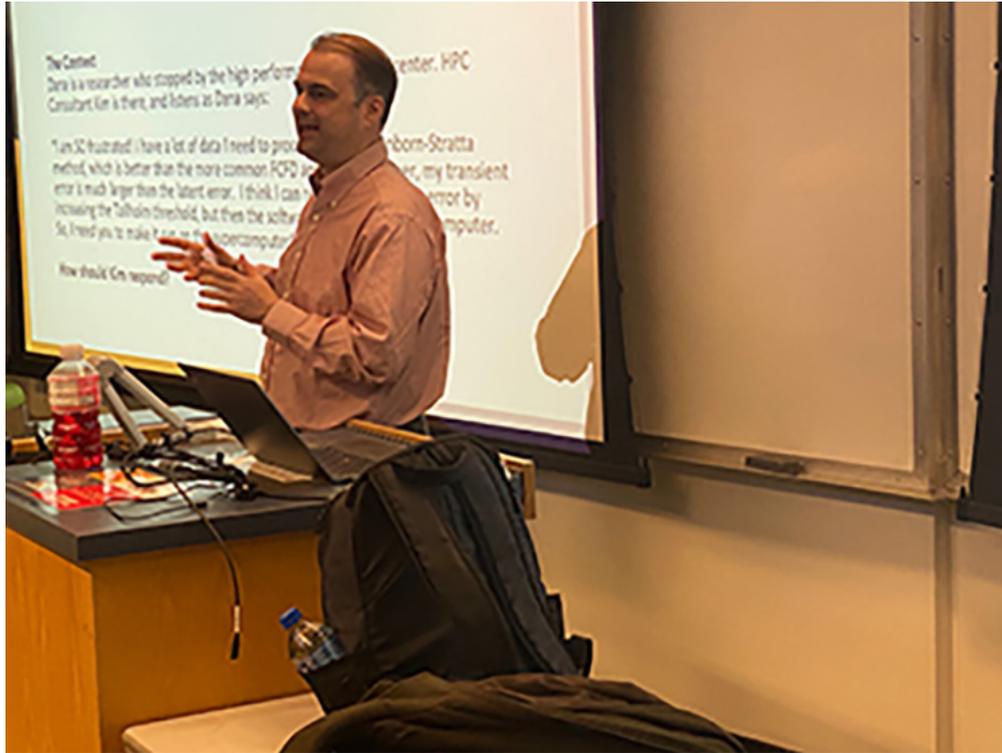


Figure 106: Lunch Participants



Figure 107: Tower Construction Winners



45 Bent Polishing 2

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Initiates | 14 |
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

During the Bent Polishing activity, initiates receive a flat cast bronze bent to polish, which they are expected to wear during the initiation ceremony and banquet. The second Bent polishing party was held Sunday afternoon, March 24, 2024 . Attending were 14 initiates (13 undergraduates and 1 graduate student), 2 cabinet officers and 1 advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Iowa Alpha has had a tradition of Tau Beta Pi initiates being given bents to polish and wear during the initiation ceremony.

iii. Organization and Administration

The Chapter has 5 belt and disk sanders, files, vices and other polishing equipment for initiates to use to polish their bents. Sunday afternoon from 1:00 – 5:00 p.m. was selected for the bent polishing activity. The advisor, Cabinet Officers and members supervise use of the equipment and initiates are required to wear safety glasses and gloves when using the power equipment. Initiates are sent an E-mail invitation to attend, and are requested to pay their \$35.00 chapter membership fee at the event. To facilitate effective use of the power equipment, initiates are requested to sign up for 1 hour time slots using a Google Form.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The \$6.75 cost of each bent is included in the initiation fees. Four to five officers/members/advisor are needed to set up the polishing equipment and supervise the initiates.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The bent polishing activities went smoothly. The Chapter was able to use the Student Innovation Laboratory in Sukup Hall for bent polishing, which worked quite well. The Initiate attendance at the event was good with 14 initiates (13 undergraduates and 1 graduate student) polishing their bents. The power equipment was in high demand by initiates during the first hour, with fewer initiates during the remainder of the afternoon. In addition to polishing their Bents, 9 initiates who attended bent polishing paid their \$35.00 chapter membership fees.

3. **Additional Attachments**

Figure 108: Checkin

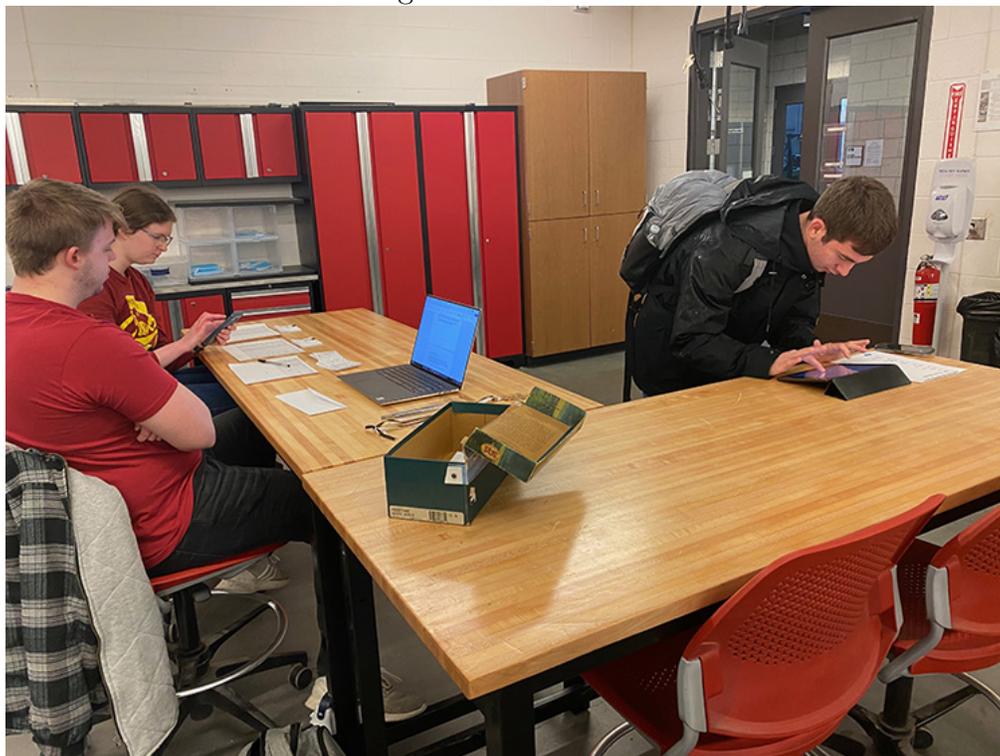


Figure 109: Membership Fee Payment



Figure 110: Bent Polishing



Figure 111: Polished Bents



Figure 112: Polished Bent



46 New Member Election

Iowa Alpha

1. Project Information

- i. Date(s): 03/28/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 4 |
| Cabinet Officers | 8 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

At the beginning of the semester, it was decided to return to having initiate small groups composed of initiates led by a Chapter officer/member. It was intended that the small groups would hold a minimum of 3 meetings and make a presentation at a general meeting of their results prior to the election of new members. Unfortunately, it proved impossible to find leaders for the small groups so no small group meetings were held and no presentation at a general meeting was possible.

In discussion with the chapter leadership most directly involved with the initiates, it was determined that 45 initiates had fulfilled their service hour requirements, attended one or more general meetings and were registered to participate in the additional required initiation activities. The second group of initiates had essentially done nothing towards meeting membership requirements. It was determined that this second group would not be able to fulfill the initiate requirements for membership. The Iowa Alpha Advisory Board was contacted with the proposal to elect the first group of 45 initiates to membership pending completion of their initiation requirements and inform the second group that they had not been elected.

The proposal received the approval of the Advisory Board and other chapter offices directly involved with the initiates. Participating in the decision were 8 Cabinet officers: President, Mackenzie Donald; Vice President, Samuel Indorante; Initiation Officer, Benjamin Smock; Project Officers, Ryan Muetzel, Nathan Patel and Tyler Richardson; Corresponding Secretary, Erik Dalle; Treasurer, Evan Gillis; Chapter Survey/Membership Officer, Jackson Schendel; Chief Advisor, LeVern Faidley; Advisor and District Director, James Hill; and Advisors, Amy Kalieta and Mark Mba-Wright.

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

The election of new members is one of the main responsibility of the Chapter.

iii. **Organization and Administration**

The election of new membership by the Advisory Board members and chapter leadership was successful in our initiation of new members. However, it is hoped that the unusual circumstances this semester which resulted in the necessity to deviate from the normal practice of new member election can be avoided in the future.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Of the 45 initiates elected to membership, 43 participated in the initiation ceremony (36 undergraduates and 9 graduate students) and became members.

47 General Meeting 7

Iowa Alpha

1. Project Information

- i. Date(s): 04/02/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 1 |
| Electees | 35 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the seventh General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; 2 Advisors and 35 electees (28 undergraduates and 7 graduate students). The new electees were congratulated on their election to membership and requested to complete any remaining initiation requirements and pay their Headquarters and Chapter membership fees prior to the initiation ceremony.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The electees were congratulated on their election to membership. They were provided a link to their Tau Beta Pi on-line catalog card and requested to complete their card during the meeting. This worked well with many catalog cards being completed during the meeting and the remaining on-line catalog cards the following two days. This was particularly valuable in facilitating submission of the Report of Election and ordering of the membership certificates, membership cards and pins. While the membership certificates and cards were received well before the initiation ceremony, the membership pins did not arrive until after the graduation ceremony and departure of the students for the summer break.

3. **Additional Attachments**

Figure 113: Meeting Attendees



48 Free Coffee Friday 3

Iowa Alpha

1. Project Information

- i. Date(s): 04/05/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|----------|-------|
| Advisors | 1 |
| Electees | 8 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 2.5 |

2. Project Evaluation

i. General Description

The Free Coffee Friday service project provides free coffee, tea and hot chocolate to engineering students, faculty and others between classes on three Friday mornings during March and April. The third Free Coffee Friday event of the semester was held on Friday morning April 3 from 8:00 am to 11:00 am in the atrium of the Student Innovation Center, an area with normally a high volume of students going to and from class. Setup began at 7:30 am and cleanup was completed by 11:15 am. Assisting in holding the third event were 8 electees (7 undergraduates and 1 graduate student) and 1 Advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the Free Coffee Friday events is make Tau Beta Pi and the Iowa Alpha Chapter better known among Iowa State University engineering students and faculty.

iii. Organization and Administration

Authorization was requested and received for Iowa Alpha to hold Free Coffee Friday three times during the semester. Volunteers who assist are required to take the online Food Safe Certification Course. The atrium of the Student Innovation Center is a relatively high traffic area for students going to and from class, so is a good location for the event. An Advisor stores the coffee makers, coffee, tea, hot chocolate, cups, spoons napkins, condiments, table cloths,

signs advertising the event and brings them to the Student Innovation Center. A Google Form and Spreadsheet is used by the members and initiates to indicate the times they will volunteer to assist with serving the coffee at each event.

iv. **Total Cost**

\$2.49

v. **Cost Breakdown**

Personnel requirements for each event is about 3-6 people each working for 1-2 hours. Supplies for the third Free Coffee Friday were purchased at a cost \$2.49 from a Fareway store and paid for by the Chief Advisor. Total purchases for the semester were \$43.67.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

At the third Free Coffee Friday event 56 drinks were given away to students, faculty, and staff. The total drinks served during the semester 195. The Chapter plans to continue holding this event each semester as it provides a good opportunity for initiates to meet their service hour requirements and the free drinks are appreciated by the faculty, students and other visitors who stop and offer enquire about Tau Beta Pi..

3. **Additional Attachments**

Figure 114: Setup Completed



Figure 115: Serving Visitors



49 Engineers' Semi-Formal

Iowa Alpha

1. Project Information

- i. Date(s): 04/05/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Guest | 50 |
| Cabinet Officers | 3 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0 | 4.0 |

2. Project Evaluation

i. General Description

Iowa Alpha and the Engineering Student Council hosted an Engineers' Semi-Formal at the Iowa State University Alumni Center from 5:00 to 10:00 PM on Friday evening 5 April. This was an opportunity to dance and have dinner with other engineers and their guests. This was also an opportunity to dress-up for a formal event. Attending the Semi-Formal from Iowa Alpha was Benjamin Smock as well as about 50 other engineering students mainly representatives from the Engineering Student Council and other guests.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Engineer Semi-Formal provided an opportunity for ISU engineering students to develop relationships and collaborate outside of classes.

iii. Organization and Administration

The event was planned jointly by Iowa Alpha and the Engineering Student Council. The event was held in the Iowa State University Alumni Center which had successfully hosted similar joint activities in the past. Iowa State University Food Service catered the formal dinner. A private disc jockey provided music during the evening.

iv. **In Conjunction With**

Engineers Student Council

v. **Total Cost**

\$2000.0

vi. **Cost Breakdown**

The cost of the event was divided equally between Iowa Alpha and the Engineering Student Council.

vii. **Special Problems Encountered**

None

viii. **Overall Evaluation**

The Engineers Semi-Formal was successful in that everyone who attended enjoyed the plated dinner and beverages provided. The Silent Disco was also popular. Joint sponsorship of a similar event is expected to continue in the future.

3. **Additional Attachments**

Figure 116: Advertising Poster

FRIDAY
APRIL 5
5-10PM
ALUMNI CENTER
REIMAN BALLROOM

ESC AND TAU BETA PI PRESENT
ENGINEERS'
SEMI-FORMAL

**\$12 FOR PLATED DINNER,
SILENT DISCO, AND SOCIAL HOUR!**

**ALL ENGINEERS ARE WELCOME TO
BRING A GUEST (GUESTS CAN BE
NON-ENGINEERS)**

**SILENT
DISCO!**

**FORMAL
DINNER!**

**FREE GIFT
FOR FIRST 75
PEOPLE!**

SCAN TO RSVP!



**\$12 PER TICKET
DINNER INCLUDED!**

 
ENGINEERING STUDENT COUNCIL Tau Beta Pi
The Engineering Honor Society

50 Adopt A Highway Cleanup

Iowa Alpha

1. Project Information

- i. Date(s): 04/07/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 1 |
| Electees | 10 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The Adopt-A-Highway project involves collecting trash into trash bags on both sides of a two mile stretch of Lincoln Highway on the west side of Ames. Iowa Alpha initiates and members form four groups with each group cleaning one side of the highway for 1 mile. The groups start at both ends of the 2 mile stretch of highway and meet in the middle where the bags are piled so the Iowa Department of Transportation (DOT) can pick them up. The DOT supplies bags and reflective vests for the volunteers. For the Spring semester, 10 undergraduate electees, 1 cabinet officer and 1 advisor participated in the cleanup.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Adopt-A-Highway cleanup provides an opportunity for initiates/electees to fulfill their service project initiation requirement by providing service to the Ames community.

iii. Organization and Administration

A date towards the end of the semester is chosen (generally a Sunday afternoon) in anticipation the weather will be relatively mild. Information is sent to initiates through Canvas and members are informed through E-mail. When necessary, an Iowa Alpha Advisor goes to the Department of Transportation to pick up garbage bags before the event. Since Covid, the Chapter has been

allowed to keep the safety vests and unused garbage bags, eliminating the need to return the vests and unused bags after the Adopt a Highway cleanup. The filled trash bags are stacked beside the road and picked up by the DOT.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The Chapter incurs no cost for the project – bags and vests are provided by the DOT, with transportation and disposable polyethylene/vinyl gloves supplied by the chapter. One or two Chapter Officers and/or an advisor are generally needed to supervise the event.

vi. **Special Problems Encountered**

The weather on April 7 was cool with the threat of rain. However, no rain fell during the event and the cleanup was completed in under 2 hours.

vii. **Overall Evaluation**

The interest in and attendance of initiates at the event was good. With 4-5 volunteers in each of 4 separate groups picking up trash on one side of the highway for 1 mile the cleanup was completed in less than 2 hours. The Chief Advisor used his van to collect and transport the filled garbage bags to the collection site. Iowa Alpha has carried out the Adopt-A-Highway cleanup on the same stretch of highway for 33 years and plans to continue to undertake the cleanup each fall and spring semester in the future.

3. **Additional Attachments**

Figure 117: Trash being Collected



Figure 118: More Trash collection



Figure 119: Volunteers with Trash Collected



Figure 120: Collection Completed



51 General Meeting 8

Iowa Alpha

1. Project Information

- i. Date(s): 04/09/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 2 |
| Electees | 10 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the eighth General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; 1 Cabinet Officer, 2 Advisors and 10 electees (8 undergraduates and 2 graduate students). The main purpose of the meeting was the election of new officers for Fall 2024.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Election of officers went well although several important positions remained unfilled.

Following are the new officers elected for Fall 2024: President - Samuel Indorante; Vice President - Bryan York; Corresponding Secretary - Ryan Flaskamp; Initiation Officer - Matthew Mehrtens; Graduate Initiation Officer - Elijah Goossen; Communications Director - Charles Frayman; Advisor - James Hill, re-elected to 4 year term.

Positions that were not filled: Stem Project Officer, Campus Project Officer, Special Events Officer, Corporate Liaison Officer, Chapter Survey Officer (Membership Officer), Scholars Program Officer, Drawing Board Officer. Efforts to fill the vacant positions will be undertaken at the beginning of Fall semester 2024

3. Additional Attachments

Figure 121: Outgoing President



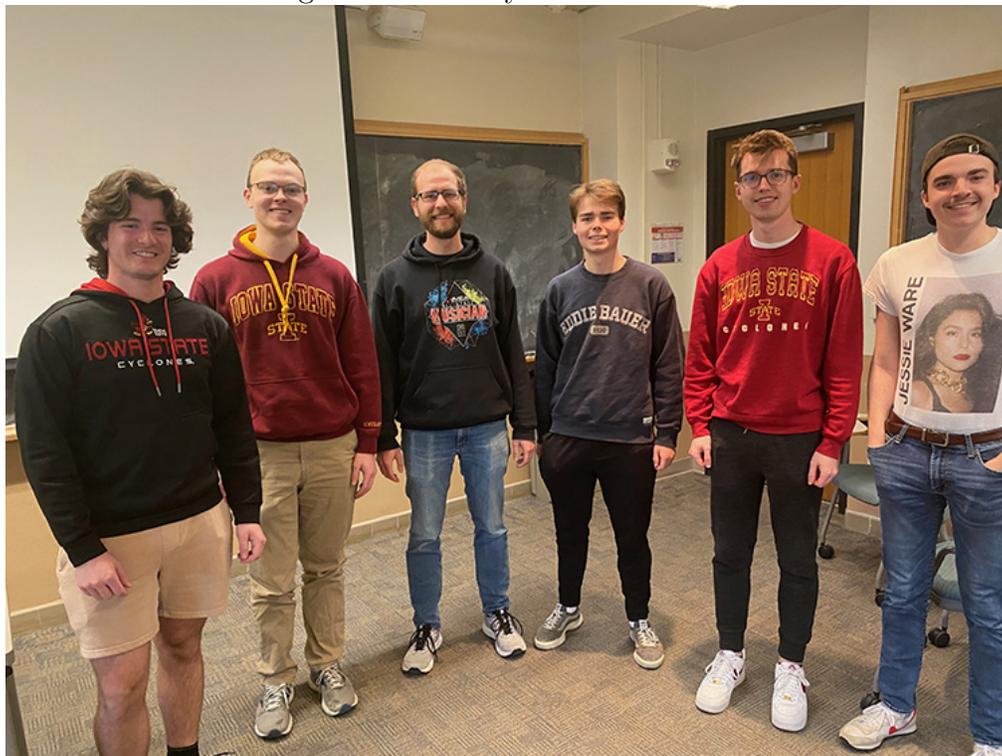
Figure 122: Attendees



Figure 123: Additional Attendees



Figure 124: Newly Elected Officers



52 Event Authorization Committee Meeting

Iowa Alpha

1. Project Information

- i. Date(s): 04/11/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|----------|-------|
| Advisors | 1 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The meeting was called following submission of the Iowa Alpha request to hold the annual Tau Beta Pi Roller Coaster Competition. Unfortunately, submission of the request was made late in the semester, requiring special arrangements to be made to get on the agenda of the Event Authorization Committee. Because of the late submission of the request the only Iowa Alpha representative at the meeting was LeVern Faidley, the Chief Advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Roller Coaster Competition is an annual event that allows Iowa Alpha to get involved with middle and high school students and provides initiates with a service project in which to participate. It is one of the main K-12 outreach activities undertaken by the Chapter.

iii. Organization and Administration

Meeting with the ISU Event Authorization Committee is an important way to make sure the Chapter is in compliance with the University's regulations for outreach activities. Upon submitting event details online, a day and time was set for the Chapter to meet with the Committee. At least one Cabinet and/or Project officer and one advisor generally should attend the meeting.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

The Chapter was late in submitting the event for approval by the Event Authorization Committee and placement of the event on the agenda of the Committee. Fortunately the event was placed on the agenda of their last meeting prior to the competition.

vii. **Overall Evaluation**

The Iowa Alpha Advisor briefly described the Roller Coaster Competition and the planning that had taken place concerning the event. The Event Authorization Committee noted that the Youth Program Registration Form submitted by the College of Engineering had been approved by the Office of Risk Management. The Committee was informed that the volunteers assisting the event had been submitted to Risk Management for background checks and cleared to participate.. The Committee was also informed that on-campus parking for the event had been arranged with the Parking Department and arrangements for use of the Howe Atrium for the event were complete. No further clarifications of the event were requested by the Committee and their approval to hold the event was granted.

53 District 11 Spring Conference

Iowa Alpha

1. Project Information

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

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 2 |
| Electees | 0 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The Annual District 11 Spring Conference was held in Duluth, Minnesota on April 12-13, 2024, hosted by the Minnesota Beta Chapter. A dinner for participants from the 8 District 11 chapters was held on Friday evening, followed by a social at a local entertainment venue. The business meeting has held on campus during the day on Saturday, April 13. Representatives from all 8 District 11 chapters were in attendance.. Attending from Iowa Alpha were Mackenzie Donald, Iowa Alpha President; Samuel Indorante, Iowa Alpha President-Elect, and LeVern Faidley, Iowa Alpha Chief Advisor. Dr. James Hill, Iowa Alpha Advisor and District Director, attended in his capacity as a District Director.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The main purpose of the annual meeting is for sharing accomplishments and problems faced by the chapters in District 11 and to assist in the officer transition process from outgoing to incoming officers. It is also valuable in promoting

iii. Organization and Administration

The annual meeting is organized by the District Directors Dr. James Hill, and Margaret Goshert in consultation with the hosting chapter. Attending as a representative of the Tau Beta Pi was Edward J. D'Avignon, Director of Rituals.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

Cost of attendance is covered by the Tau Beta Pi Association

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The meeting was very successful. The organization of the meeting by the Minnesota Beta Chapter was excellent. There were many substantive discussions and a valuable exchange of ideas and perspectives from various chapter leaders. Mackenzie Donald, Iowa Alpha President, presented some of the Iowa Alpha accomplishments in 2023-24 and highlighted some of the activities undertaken during the year. Edward J. D'Avignon provided very useful information about the state of the Association. The Conference was an excellent opportunity to inspire the new officers and to share ideas for chapter operations. It was also very useful for Advisors as five of the chapters had advisors in attendance.

3. **Additional Attachments**

Figure 125: Meeting Attendees



Figure 126: More Meeting Attendees



Figure 127: Great Speaker



Figure 128: Group Photo



54 Bent Polishing Makeup

Iowa Alpha

1. Project Information

- i. Date(s): 04/15/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Initiation Activities
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|----------|-------|
| Advisors | 1 |
| Electees | 4 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

During the Bent Polishing activity, initiates receive a flat cast bronze bent to polish, which they are expected to wear during the initiation ceremony and banquet. The Bent polishing makeup was held Monday afternoon, April 15, 2024. Attending were 4 undergraduate electees and 1 advisor.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Iowa Alpha has had a tradition of Tau Beta Pi initiates being given bents to polish and wear during the initiation ceremony.

iii. Organization and Administration

The Chapter has 4 belt and disk sanders, files, vices and other polishing equipment for initiates to use to polish their bents. Sunday afternoon from 1:00 – 5:00 p.m. was selected for the bent polishing activity. The advisor, Cabinet Officers and members supervise use of the equipment and initiates are required to wear safety glasses and gloves when using the power equipment. Initiates are sent an E-mail invitation to attend, and are requested to pay their \$35.00 chapter membership fee at the event. To facilitate effective use of the power equipment, initiates are requested to signup for 1 hour time slots using a Google Form.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The \$6.75 cost of each bent is included in the initiation fees. Four to five officers/members/advisor are needed to set up the polishing equipment and supervise the initiates.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The bent polishing makeup went smoothly. The activity was held in the room where the Bent Polishing equipment is stored in the basement of Elings Hall. One electee participated during the first hour, two during the second hour and 1 during the final hour. In addition to polishing their Bents, 2 electees paid their \$35.00 chapter membership fee.

3. **Additional Attachments**

Figure 129: Hand Work and Finished Bent



Figure 130: Hand Work



Figure 131: Finished Bents



55 General Meeting 9

Iowa Alpha

1. Project Information

- i. Date(s): 04/16/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 2 |
| Electees | 8 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the ninth General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; 1 Cabinet Officer, 1 Advisor and 8 undergraduate electees. Prior to the meeting Tau Beta Pi Stoles were collected by 11 Tau Beta Pi members graduating Spring semester. Unfortunately, none of the students graduating stayed to attend the meeting.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The Chapter President was the only graduating Senior who attended the meeting. She talked briefly about her plans following graduation. The meeting attendees then played the Jackbox game QuipLash, which everyone enjoyed. The meeting attendees were reminded that the Tau Beta Pi Roller Coaster competition would be held the next day and that volunteers should make every effort to attend during the times they had signed up as only a limited number of volunteers had completed all of the requirements to work with youth. They were also reminded that the Initiation Ceremony and Banquet would be held on Sunday April 28 and they should pay their Headquarters and Iowa Alpha membership fees before that date.

3. **Additional Attachments**

Figure 132: Game selection



Figure 133: Game participants



56 Roller Coaster Competition

Iowa Alpha

1. Project Information

- i. Date(s): 04/17/24
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|----------|-------|
| Advisors | 3 |
| Electees | 10 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

The Roller Coaster Competition was organized and planned to provide an opportunity for Tau Beta Pi members and electees to interact with and encourage youth to become interested in engineering. The competition hosted middle and high school students from central Iowa to compete in a Rube Goldberg competition. The event was held on Wednesday, April 17, 2024 from 7:30 am to 1 pm at Iowa State University in the Howe Hall Atrium. Attending the event as volunteers were 10 electees (8 undergraduates and 2 graduate students) and 3 Advisors.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the event was to provide a opportunity for Tau Beta Pi to interact with and encourage youth to become interested in engineering.

iii. Organization and Administration

The Roller Coaster Competition was organized and planned mainly by the Chapter President, Mackenzie Donald; Faculty Advisor, Amy Kaleita; and Chief Advisor, LeVern Faidley.

Planning for the event is done in cooperation with the Office of Risk Management since volunteers have to complete background checks in order to be cleared to interact with the youth attending the competition. The venue also has to be reserved, parking permits arranged in cooperation with the Parking Department and clearance of the event approved by the Events Authorization Committee.

iv. **Total Cost**

\$249.75

v. **Cost Breakdown**

Free lunch was provided to the roller coaster participants and volunteers. Due to a mixup with the Chapter Treasurer the cost of the Pizza and drinks was paid be the Chief Advisor. Trophies for the winning teams were purchased at a cost of \$99.75. Parking permits were provided to drivers of vehicles allowing them to park in General Staff parking areas at a cost of \$5.00 for each vehicle, with the total cost amounting to \$150.00.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The competition hosted a total of 58 students, 19 middle school students from 2 middle schools, and 39 high school students from one high school. The Rube Goldberg challenge for the competition was to "Ring the Bell". A total of 3 middle school teams and 11 high school teams participated. The students participating in the competition were very enthusiastic many dressed in costumes related to the theme of their roller coaster. Due to the small number of Iowa Alpha student volunteers, the judging of all the roller coasters was carried out by the Faculty Advisor, Richard Stone and undergraduate electee, Kyle Harrison., with Faculty Advisor, Amy Kaleita recording the results on a computer and calculating placings. Judging was completed by 11:00 am and presentation of trophies and awards done immediately after lunch and completed about 12:00 pm.

Trophies were awarded for the top three high school and middle school teams as well as for Technical Skill, Presentation and Theme.

3. Additional Attachments

Figure 134: Roller Coasters being setup



Figure 135: Ready for judging



Figure 136: Judging taking place



Figure 137: Trophy presentation



Figure 138: Trophy presentation



57 General Meeting 10 - Officer Transition

Iowa Alpha

1. Project Information

- i. Date(s): 04/23/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 2 |
| Cabinet Officers | 2 |
| Electees | 4 |

- v. Average number of hours per person spent:

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

2. Project Evaluation

i. General Description

This was the tenth General Meeting of the semester. Attending the meeting were the President, Mackenzie Donald; 1 Cabinet Officer, 2 Advisor and 4 undergraduate electees three undergraduates and 1 graduate student.. The meeting was mainly devoted to discussing the transition to new leadership for the fall semester 2024.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

General Meetings are an important means by which the Chapter officers and members keep informed of ongoing and planned activities. During the semester it is also an important means to communicate with initiates. One of the requirements for initiates is attendance at three General Meetings.

iii. Organization and Administration

General meetings of the Chapter are held each week during the semester. Times and locations are set at the beginning of the semester and announcement of the meeting and its agenda is communicated to members, initiates, scholars and Advisors through the weekly Iowa Alpha eBent. To increase attendance, an attempt is made to supplement the business meeting with additional activities during or after the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Discussion took place between the current officers and the new officers taking up their positions effective fall 2024. The discussions were productive and the new officers felt they were better prepared to take over future leadership of the chapter.

58 Initiation Ceremony and Banquet

Iowa Alpha

1. Project Information

- i. Date(s): 04/28/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Initiation Activities
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Guest | 31 |
| Advisors | 3 |
| Cabinet Officers | 8 |
| Members | 1 |
| Electees | 43 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 2.0 | 3.5 |

2. Project Evaluation

i. General Description

The initiation ceremony and banquet was held on Sunday, April 28, 2024. the day prior to the start of dead week. In attendance were 43 elecetees (34 undergraduates, 9 graduate students, 8 Cabinet officers, 1 Tau Beta Pi member, 3 Advisors and 31 parents and guests of the new members.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The initiation ceremony and banquet is the culmination of the initiation process. The initiation of new undergraduates, graduate students, Eminent Engineers and Alumnus members contributes to Tau Beta Pi's purpose "to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character" and "their attainments as alumni in the field of engineering".

iii. **Organization and Administration**

Rooms for the initiation ceremony and banquet are reserved in advance. Four weeks before the banquet, new initiates are informed of their election. The menu for the banquet buffet dinner is also chosen. Three weeks before the banquet, members are recruited to help with the ceremony and chapter officers and active members are invited by the Chief Advisor to attend the banquet as his guests. A week before the banquet, the final tally of banquet attendees is made and given to the Caterer and the banquet programs and name tags are printed. Cabinet Officers and Advisors assisting with the initiation ceremony and banquet are requested to arrive about two hours before the ceremony to set up the initiation room and prepare the atrium for the banquet. Electees are requested to arrive a half hour before the start of the ceremony.

iv. **Total Cost**

\$1689.5

v. **Cost Breakdown**

The cost to use the atrium of Sukup Hall for the banquet was \$305.00, with use of the Davidson Conference room for the initiation ceremony being free of cost. The cost of food ordered from HyVee Catering was \$1,384.50. To cover the cost of the banquet \$20.00 was taken from the chapter membership fee, guests were charged \$20.00 each and the cost of cabinet officers, and members was paid by the Chief Advisor. Payment from the guests of new members totaled \$620.00.

vi. **Special Problems Encountered**

One problem was that the doors to the Sukup Hall/Atrium which were supposed to open automatically at 3:00 pm did not do so. Amy Kaleita, the principal faculty advisor and Department Chair of the Agricultural and Biosystems Engineering Department took it upon herself to let people into the atrium

vii. **Overall Evaluation**

The initiation ceremony and banquet all went fairly smoothly. With the initiation of 43 new members the total number of Iowa Alpha members is 8,703. Initiates were requested to arrive 30-45 minutes before the start of the initiation ceremony. The ceremony started at 5:30 pm and everyone initiated was on time. Two guests were Tau Beta Pi members and attended the initiation ceremony as observers. The initiation ceremony was completed by 6:30 pm which allowed the banquet to start shortly thereafter. Catering was provided by Hy-Vee Catering and went smoothly. The evening speaker was the Chief Advisor. Overall the banquet was very successful and participants enjoyed themselves.

3. **Additional Attachments**

Figure 139: Initiation Officers



Figure 140: Registration

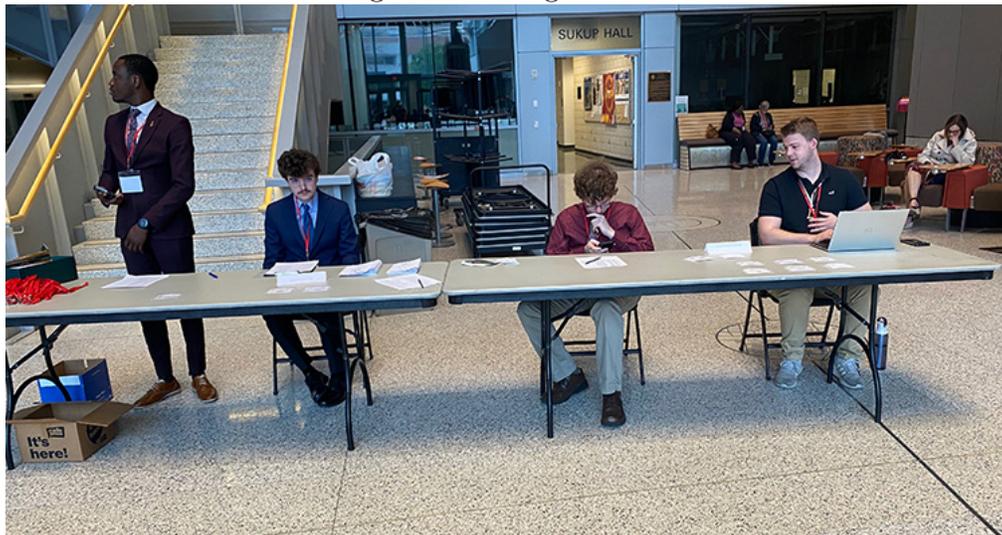


Figure 141: Initiates in Alphabetical Order



Figure 142: New Members



59 Commencement Ceremony Tau Beta Pi Graduation Stoles

Iowa Alpha

1. Project Information

- i. Date(s): 05/11/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

| Category | Count |
|------------------|-------|
| Advisors | 1 |
| Cabinet Officers | 8 |
| Members | 16 |
| Electees | 0 |

- v. Average number of hours per person spent:

| Participating | Organizing |
|---------------|------------|
| 1.0 | 3.0 |

2. Project Evaluation

i. General Description

Since 2008 the Iowa Alpha Chapter has rewarded members who were active in the Chapter by providing them Tau Beta Pi stoles when they graduate. Other Tau Beta Pi members are eligible to wear the stole by purchasing a stole for \$20.00.

During the 2024 Spring semester Iowa State University Commencement Ceremonies, 8 Distinguished Members and 19 other student members wore Tau Beta Pi stoles. The stoles are very distinctive on the black gowns worn during the graduation ceremony and make it possible to pick out the Tau Beta Pi members from among the more than 1,000 engineering graduates Spring semester.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The use of the Tau Beta Pi stole is mainly intended to reward active members for their contributions to the Chapter, but has had the added benefit of identifying Tau Beta Pi members among all graduates, thereby contributing to Tau Beta Pi's purpose - to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character.

iii. **Organization and Administration**

Information on the availability of stoles is sent to all senior and Graduate student members with a request that graduating students inform the Chief Advisor if they want to buy or receive a stole only if it is free. Stoles are ordered from Headquarters and available for pick-up at the final General Meeting - Senior Sendoff of the semester, or later from the Chief Advisor at a central location prior to graduation day.

iv. **Total Cost**

\$528.0

v. **Cost Breakdown**

The Chapter purchases stoles from Tau Beta Pi Headquarters at a price of \$22.00 each. Income from the sale of 12 stoles was \$240.00. The value of the 12 stoles given to distinguished members was \$256.00. Actual cost to the Chapter was \$288.00. This cost was covered by the chapter.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The use of the stoles is popular among both the active members and other Tau Beta Pi graduates. At Iowa State, all graduates are individually introduced and greeted by the University President or Provost during the graduation ceremony. Therefore, those wearing the Tau Beta Pi stoles were easily identifiable by parents and guests attending the ceremony. The 24 graduates wearing stoles was higher than in the Fall semester and included Lewis Callaway, the Student Marshall for the College of Engineering, who carried the College Banner preceding the graduates and was individually recognized and received his diploma from the University President.

3. **Additional Attachments**

Figure 143: Chapter Presidents (center and left) with Stoles



Figure 144: Officer and Member with Stoles



Figure 145: Others with Stoles



Figure 146: Student Marshall with Banner

