



**Tau Beta Pi**  
The Engineering Honor Society

# **Ohio Iota Chapter**

## **Chapter Project Report 2023-2024**

Officers:

Grace Honigford – President  
Mallory Clark – Vice President  
Nathan Hagerdorn – Treasurer  
Mary Guth – Recording Secretary  
Logan Sherrod – Corresponding Secretary  
Brady Post – Activities Chair/Historian  
Nathan Gibbs – JEC Rep  
Isaac Spar – Webmaster

OHIO  
**NORTHERN**  
T.J. SMULL COLLEGE OF ENGINEERING

## Executive Summary

At Ohio Northern University, Tau Bates strive to help each other as well as the entire college of engineering through various means. One of the largest projects that our chapter has is weekly tutoring sessions for engineering classes. This is not always easy with the busy schedules of our Tau Bates – some are student athletes, some participate in engineering competition teams, others are in music and theatre groups/productions - but we strive to have every member signed up for at least two sessions each semester where they assist any student who comes to the tutoring session. Each session has at least one member from each engineering department to cover the wide range of (primarily) Freshman through Sophomore courses but we occasionally assist a junior with their courses as well. Before starting this tutoring project, no college-level, organized tutoring existed. Students could seek help with mathematics, chemistry, and writing through other colleges, but no help existed with major-specific classes. Additionally, common exam times for courses such as statics, dynamics, circuits and strength of materials are obtained from our faculty and listed on the sign-up sheet to ensure that there are at least two tutors present at tutoring who can help with reviewing exam materials. At the end of this year, we will have had 27 tutoring sessions with the only weeks missed being the beginning of each semester and Thanksgiving break and spring break.

Additionally, in the fall semester, the chapter hosted a resume review and career fair prep night with the Office of Polar Careers, ASCE and SWE, as well as having an information table at the college of engineering welcome fest and assisting with the college's display in the homecoming tent. In spring semester, the chapter hosted a bent judging, where "old" members judged the bents of the newest members and a winner was identified. Several members volunteered their time for activities in the community including judging a Vex robotics competition, assisting the local high school with a Quiz Bowl tournament and set-up/clean-up for a purse bingo event, helping the college of engineering administer a TEAMS competition and determining an outstanding student leader from the college.

Internally, TBP hosted multiple events over the course of the year to initiate members and ensure the chapter was running smoothly. These included a TBP info session for the electees, three bent polishing events, and initiation. The officers also held several officer meetings, one advisor meeting, and two general meetings. The general meetings included exit surveys that helped shape the social and professional events that were held throughout the year and generated ideas for next year.

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# 1 Fall Semester Tutoring Sessions

## Ohio Iota

### 1. Project Information

- i. Date(s): 08/22/23 - 12/05/23
- 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	11
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

TBP tutoring sessions took place every Wednesday night from 7 to 9 pm during Fall Semester. They provided an opportunity for underclass engineering students, particularly Freshmen and Sophomores, to ask TBP members questions about homework, projects, and for assistance in reviewing for upcoming exams. Every session had at least 2 members present as tutors. The sessions were organized by the Vice President, who sent out a shared Excel sheet for members to sign up for tutoring slots. Engineering professors were also contacted to obtain the dates for major exams so special tutoring sessions could be run. The Wednesday before a major exam, members well-versed in the topic would hold review sessions during the tutoring time.

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

The purpose of the tutoring sessions was to provide academic support for underclassman engineering students. It was also a way for upperclassman to provide mentorship to their younger colleagues. Support from peers can be very beneficial to the learning process for younger students.

#### iii. Organization and Administration

Tau Beta Pi OH I - Ohio Northern University Chapter

iv. **Total Cost**

\$5.0

v. **Cost Breakdown**

Candy and chips for Attendees (and Tutors)

vi. **Special Problems Encountered**

We did not encounter any special problems with this project

vii. **Overall Evaluation**

First night went off great! Had a decent turn out and lots of folks were planning on coming back in following weeks!

## 2 Engineering Welcome Fest

### Ohio Iota

#### 1. Project Information

- i. Date(s): 08/29/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

#### 2. Project Evaluation

- i. **General Description**

Tau Beta Pi had a table at the Engineering WelcomeFest where engineering and computer science students, especially freshman, are able to talk with representatives from the different organizations and see what opportunities are offered within the college of engineering.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event promotes engagement with peers and engagement with professional societies and the industry.
- iii. **Organization and Administration**

Members had to be prepared to discuss Tau Beta Pi and its mission.
- iv. **Total Cost**

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

none
- vi. **Special Problems Encountered**

none
- vii. **Overall Evaluation**

The event was successful and allowed members to engage with other students in the engineering college.

# 3 Officer Meeting

## Ohio Iota

### 1. Project Information

- i. Date(s): 09/15/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	8
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**  
Officers met to discuss progress on upcoming events and set dates.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Planning engaging events enriches the campus community and provides opportunities to interact with others
- iii. **Organization and Administration**  
the president came up with an itinerary and ran the meeting
- iv. **Total Cost**  
\$10.0
- v. **Cost Breakdown**  
Donuts provided at meeting for breakfast
- vi. **Special Problems Encountered**  
none
- vii. **Overall Evaluation**  
We were able to accomplish a lot in this meeting and settle on dates for all of our planned events

## 4 D7 Fall Conference/Meeting

### Ohio Iota

#### 1. Project Information

- i. Date(s): 09/16/23
- 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
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

#### 2. Project Evaluation

- i. **General Description**  
This was held online to talk about National Convention and review the TBP year.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
To provide insight to the members attending National Convention
- iii. **Organization and Administration**  
Members had to attend the meeting to talk about National Convention
- iv. **In Conjunction With**  
Tau Beta Pi District 7
- v. **Total Cost**  
\$0.0
- vi. **Cost Breakdown**  
N/A
- vii. **Special Problems Encountered**  
N/A
- viii. **Overall Evaluation**  
It was a great overview on what to expect at National Convention.

# 5 Career Fair Prep and Resume Workshop

## Ohio Iota

### 1. Project Information

- i. Date(s): 09/18/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisors	1
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

- i. **General Description**

Prior to our school's career fair, we hosted a resume workshop to help students prepare their resumes and share tips for talking to companies.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This workshop helped prepare students for the career fair, which gives them a chance to create professional opportunities.
- iii. **Organization and Administration**

Coordination between TBP and SWE allowed this event to be successful and lots of expertise to be shared. Representatives from the career center were also present to offer assistance.
- iv. **In Conjunction With**

Society of Women Engineers, ASCE
- v. **Total Cost**

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

none

vii. **Special Problems Encountered**

none

viii. **Overall Evaluation**

There was a lot of interest and participation in this event. Students seemed to benefit from the expertise shared.

# 6 TBP General Meeting

## Ohio Iota

### 1. Project Information

- i. Date(s): 10/04/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	15
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**

Upcoming events were discussed and voting for our new members was accomplished. Invitations were written to be handed out to initiates.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Initiate voting is an important step in continuing the growth of our chapter.
- iii. **Organization and Administration**

An agenda was created by the president who also coordinated the voting
- iv. **Total Cost**

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

none
- vi. **Special Problems Encountered**

Additional member joined remotely so enough would be present for voting.
- vii. **Overall Evaluation**

This meeting was successful, we accomplished everything on our agenda

# 7 Initial Initiate meeting

## Ohio Iota

### 1. Project Information

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

Category	Count
Advisors	2
Members	4
Electees	25

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**  
Electees were informed about Tau Beta Pi's mission and the benefits of membership
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
This informational meeting promoted membership which enriches the student's experience on campus
- iii. **Organization and Administration**  
Informational slides were prepared and presented.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
none
- vi. **Special Problems Encountered**  
none
- vii. **Overall Evaluation**  
The information was well-received and many seemed interested

# 8 Small Bent Polishing

## Ohio Iota

### 1. Project Information

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

- iv. Number of persons who participated:

Category	Count
Advisors	1
Members	1
Electees	31

- v. Average number of hours per person spent:

Participating	Organizing
0.5	5.0

### 2. Project Evaluation

- i. **General Description**  
Electees hand polished the small 6" bent that they received prior to initiation.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
The purpose of this event was for the newest members to take pride in being a part of Tau Beta Pi and show this by polishing the small bent. A competition was held to recognize the shiniest bent.
- iii. **Organization and Administration**  
N/A
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
N/A
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
The electees successfully polished their individual bents and tried their best to make them shine. Connor Dziatkowicz won the competition for the "shiniest bent."

# 9 National Convention

## Ohio Iota

### 1. Project Information

- i. Date(s): 10/12/23 - 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	1
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	32.0

### 2. Project Evaluation

- i. **General Description**

Our vice president Mallory Clark was able to attend National Convention in Atlanta Georgia. While she was there she was on the petitions committee where she was able to help bring in TBP's first international chapters. Also, she accepted the chapter excellence and chapter project award for OH I. Also, Lauren Logan a D7 Director who is also an advisor for OH I was in attendance
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

To learn more about TBP and vote on any business.
- iii. **Organization and Administration**

Mallory was the voting delegate, representing the OH I chapter.
- iv. **In Conjunction With**

TBP HQ
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

Voting Delegate was the only member who could attend this year so their cost was covered by HQ.

vii. **Special Problems Encountered**

There were no problems that occurred.

viii. **Overall Evaluation**

It was a great experience and Mallory recommended to any officers to attend next year that can make it.

3. **Additional Attachments**

Figure 1: Chapter project award



Figure 2: Chapter excellence award



# 10 Hand out Invitations to Electees

## Ohio Iota

### 1. Project Information

- i. Date(s): 10/16/23
- 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
Members	5
Electees	32

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

Current TBP members and faculty advisors handed out invitations to those students from the junior and senior classes who were elected to membership for Fall Semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

In order to grow and maintain the chapter, new members must be initiated.
- iii. **Organization and Administration**

After the electees were voted on, the chief advisor and officers determined which junior and senior level classes our electees were enrolled in. The chief advisor then asked those faculty if TBP could take a few minutes at the start of class to talk about TBP and then hand out the invitations to the student electees in that section.
- iv. **Total Cost**

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

Personnel-wise, current TBP members and advisor(s) had to be available at the start of each class where invitations were handed out.
- vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

All invitations were handed out successfully and most accepted our invitation.

3. **Additional Attachments**

Figure 3: Invited Seniors with current members Grace Mallory



Figure 4: Invited Juniors with current member Grace



Figure 5: Invited Juniors with current member Grant

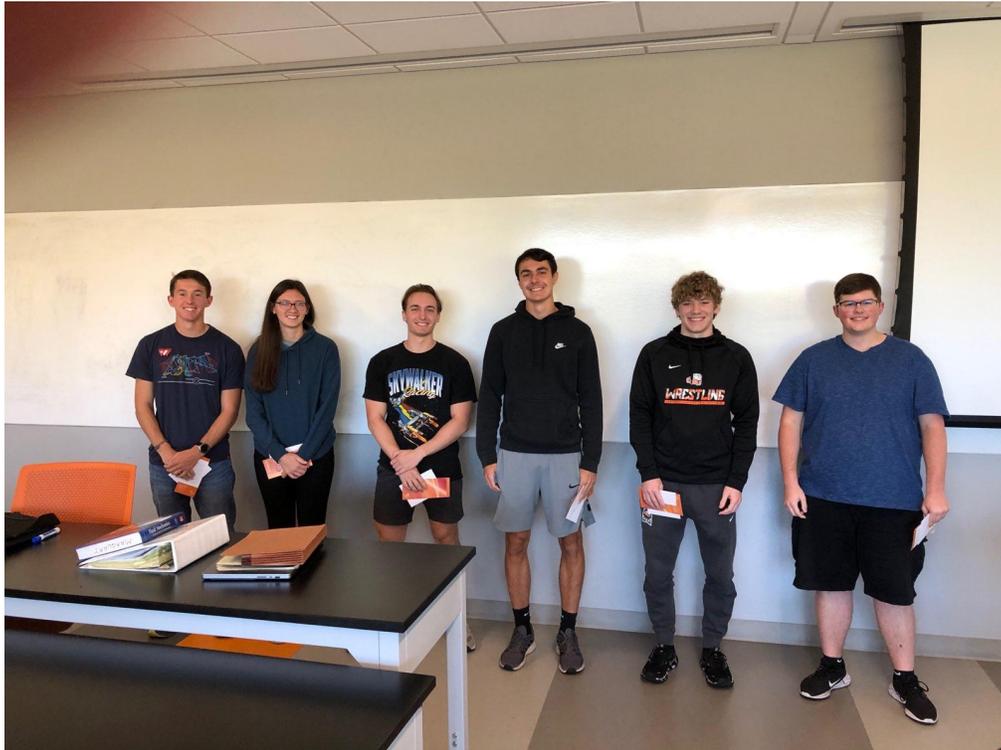


Figure 6: Invited Juniors with Pr Laird current member Nathan



Figure 7: Invited Senior with Dr Hurtig



# 11 Big Bent Polishing

## Ohio Iota

### 1. Project Information

- i. Date(s): 10/24/23 - 10/26/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisors	1
Members	5
Electees	31

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

### 2. Project Evaluation

#### i. General Description

Electees took turns polishing the OH-I bent located outside the engineering building on three different dates: 10/24/23, 10/25/23 and 10/26/23. They were given a quick overview by current members on how to polish the bent, which helped the electees figure out what needed to be done.

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

This activity establishes the meaning of the bent for new members, and allows them to know some of the current members better.

#### iii. Organization and Administration

The president organized this event, and the officers helped guide the new members on their task.

#### iv. Total Cost

\$10.0

#### v. Cost Breakdown

All costs are associated with updated cleaning materials for the bent.

vi. **Special Problems Encountered**

There were no special problems for this event.

vii. **Overall Evaluation**

Electees had a glimpse of the meaning of TBP and what is expected of members.

3. **Additional Attachments**

Figure 8: Bent Polishing by Electees-1



Figure 9: Bent Polishing by Electees-2



# 12 Initiation setup

## Ohio Iota

### 1. Project Information

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

Category	Count
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

- i. **General Description**  
Initiation Setup
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Locate ritual supplies, prepare room for initiation by moving furniture around and prepping the room for practice and the actual initiation.
- iii. **Organization and Administration**  
Made game plan for setup at initiation preparation meeting
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
N/A
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
N/A

# 13 Initiation Speaker and Reception

## Ohio Iota

### 1. Project Information

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

Category	Count
Advisors	4
TBP Alumni	2
Members	8
Electees	31

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

Following the initiation ceremony, the chapter hosted a reception for members, new members and guests. This provided time for all to interact and celebrate our newest members as well time to take pictures and put away the ritual items. Following the reception, our Eminent Engineer - Dr. Melissa Baumann, ONU President - provided a short talk for all present.

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

The reception allowed current and new members of Tau Beta Pi to interact and allowed our guests and eminent engineer to talk, get a bite to eat and celebrate this happy occasion. Our eminent engineer was eager to pass along some "words of wisdom" on life and careers to the students and others present and did a great job.

#### iii. Organization and Administration

The reception food was organized by one TBP member and several members helped put out the food and drinks for guests.

#### iv. Total Cost

\$150.0

v. **Cost Breakdown**

Individual sized bundt cakes of a variety of flavors were purchased from Eatmor Bundt Company ( a company known to one of our members). Water was provided along with festive napkins and plates. One member purchased the food / paper products and several members help set up the food table.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The event was a success. The talk by Dr. Melissa Baumann was well received and the refreshments were delicious.

3. **Additional Attachments**

Figure 10: Audience for Eminent Engineer



Figure 11: Dr. Melissa Baumann, Eminent Engineer



# 14 Initiation - Fall

## Ohio Iota

### 1. Project Information

- i. Date(s): 11/12/23
- 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
Members	8
Electees	31

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

- i. **General Description**  
New member initiation followed by a talk by our eminent engineer and refreshments.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Initiating new members and an eminent engineer to the organization
- iii. **Organization and Administration**  
Planning done at initiation setup meeting, setup done at initiation setup event
- iv. **Total Cost**  
\$2000.0
- v. **Cost Breakdown**  
\$100/initiate
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
N/A

### 3. Additional Attachments

Figure 12: Eminent Engineer with TBP President Grace Honigford



Figure 13: 2024 Fall Initiates



# 15 Vex Kalahari Judging

## Ohio Iota

### 1. Project Information

- i. Date(s): 01/14/24 - 01/21/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	63.0

### 2. Project Evaluation

- i. **General Description**  
Using their engineering background to judge a Vex Kalahari competition for a week.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
A big part of Tau Beta Pi is completing community service.
- iii. **Organization and Administration**  
All organization and planning took place through VEX Robotics.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
All fees for volunteers were paid by VEX Robotics.
- vi. **Special Problems Encountered**  
None.
- vii. **Overall Evaluation**  
Good turnout. Members were able to interact with several hundred high school students interested in Robotics.

### 3. Additional Attachments

Figure 14: Members at VEX Kalahari



# 16 Spring Semester Tutoring Sessions

## Ohio Iota

### 1. Project Information

- i. Date(s): 01/30/24 - 05/07/24
- 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
General Students	4
Members	25
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

TBP tutoring sessions took place every Tuesday night from 7 to 9 pm during Spring Semester. They provided an opportunity for underclass engineering students, particularly Freshmen and Sophomores, to ask TBP members questions about homework, projects, and for assistance in reviewing for upcoming exams. Every session had at least 2 members present as tutors. The sessions were organized by the Vice President, who sent out a shared Excel sheet for members to sign up for tutoring slots. Engineering professors were also contacted to obtain the dates for major exams so special tutoring sessions could be run. The Wednesday before a major exam, members well-versed in the topic would hold review sessions during the tutoring time.

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

The purpose of the tutoring sessions was to provide academic support for underclassman engineering students. It was also a way for upperclassman to provide mentorship to their younger colleagues. Support from peers can be very beneficial to the learning process for younger students.

#### iii. Organization and Administration

Tau Beta Pi OH I - Ohio Northern University Chapter

iv. **Total Cost**

\$20.0

v. **Cost Breakdown**

Candy and chips for Attendees (and Tutors)

vi. **Special Problems Encountered**

We did not encounter any special problems with this project

vii. **Overall Evaluation**

First night went off great! Had a decent turn out and lots of folks were planning on coming back in following weeks!

# 17 Ada Invitational Quiz Bowl Tournament

## Ohio Iota

### 1. Project Information

i. Date(s): 02/12/24

ii. New/Recurring Project: New

iii. Project Areas:

- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
0.1	3.5

### 2. Project Evaluation

#### i. General Description

Volunteering to read questions and help with anything that quiz bowl directors needed to happen.

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

A big part of Tau Beta Pi is to provide service to the community.

#### iii. Organization and Administration

Helped Ada High School.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

Volunteers were from several areas within the Ada Schools and Ohio Northern University.

#### vi. Special Problems Encountered

None.

#### vii. Overall Evaluation

Good turnout for Quiz bowl participants.

# 18 Ada Purse Bingo Setup/Clean up

## Ohio Iota

### 1. Project Information

- i. Date(s): 02/18/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.1	2.0

### 2. Project Evaluation

- i. **General Description**

Members helped setup tables and other necessary items for a purse bingo run by the Ada Academic and Music Boosters.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

A big portion of Tau Beta Pi is to provide service to the community. The Ada Schools reached out to ONU for assistance and members of several ONU student organizations volunteered to assist.
- iii. **Organization and Administration**

The Ada High School's Academic and Music Boosters organized the event, which took place on the ONU campus.
- iv. **In Conjunction With**

Ada Academic & Music Booster Clubs
- v. **Total Cost**

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

None.

vii. **Special Problems Encountered**

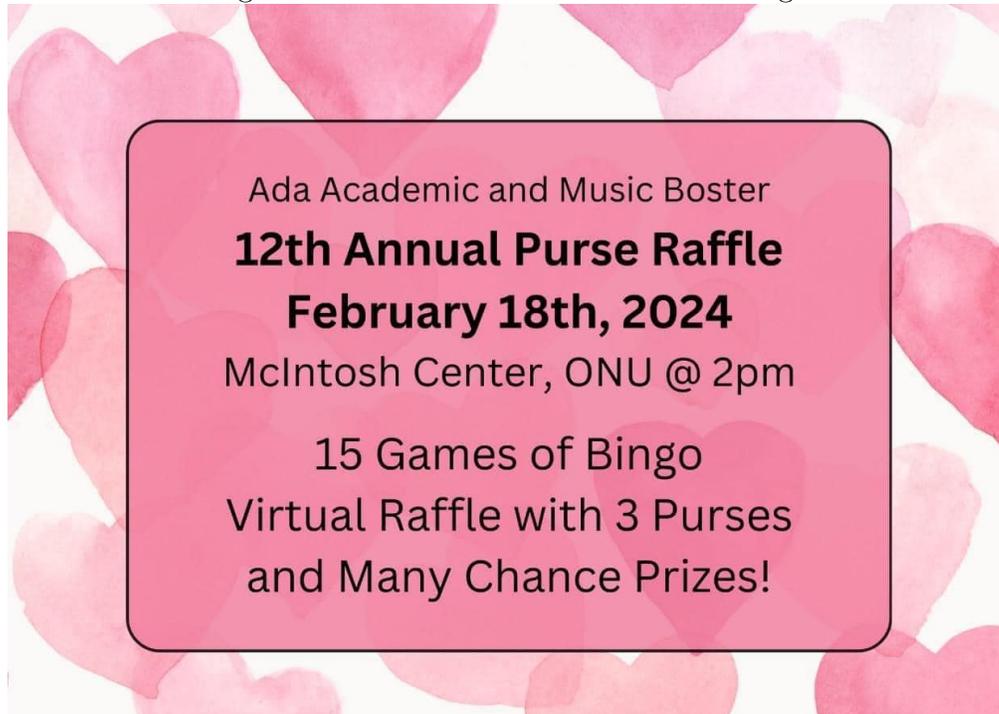
No problems were encountered.

viii. **Overall Evaluation**

There was a very large turnout for purse bingo so the organization was happy to have the extra hands to help with set-up and teardown.

3. **Additional Attachments**

Figure 15: Ada Music Boosters Purse Bingo



# 19 Spotts Lecture

## Ohio Iota

### 1. Project Information

- i. Date(s): 02/19/24
- 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
Advisors	3
Members	40
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

Every year during E-Week, the College of Engineering hosts a guest lecturer, often a University alumnus, who presents a lecture for students in the college about their experience during their engineering career. The Spotts Lecture was established in 1986 to bring distinguished speakers to ONU on an annual basis to inform students of the probable professional conditions and challenges that engineers and computer scientists will face in the future. Dr. Merhyle F. Spotts, BSME '23, Hon. D. '81, sponsor of the lecture series, graduated from Ohio Northern's College of Engineering in 1923. After 10 years in heavy and light industry, he obtained a master's degree from Ohio State University and a Ph.D. from the University of Michigan. He taught at the University of Michigan, Johns Hopkins University and Northwestern University. He wrote extensively for technical journals and was the author of four books, including Design of Machine Elements, now in its eighth edition and in worldwide use. Spotts was the recipient of many awards and honors, among them an honorary doctor of engineering degree from ONU.

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

The Spotts Lecture is an opportunity to learn more about the engineering industry and probable professional conditions and challenges that engineers and computer scientists will face in the future. It also inspires students to set career goals and aspire towards great achievements.

iii. **Organization and Administration**

N/A

iv. **In Conjunction With**

ONU College of Engineering

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The lecture this year was given by Joanna M. Pinkerton, PE, BSCE '98, president and CEO of Central Ohio Transit Authority (COTA). Joanna is a graduate of the ONU College of Engineering and, in 2021, was initiated into the Ohio Iota chapter as an Eminent Engineer. Joanna's talk was entitled "Who Are You Engineering For?" The free, public event took place Monday, Feb. 19 at 7 p.m. in the Freed Center for the Performing Arts.

3. **Additional Attachments**

Figure 16: Joanna Pinkerton - 2024 Spotts Lecturer



# 20 Informal Conversation with Spotts Lecturer

## Ohio Iota

### 1. Project Information

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

Category	Count
Advisors	1
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**

The ONU Chapters of ASCE and SWE organized an informal conversation with the 2024 Spotts Lecturer, Joanna Pinkerton, PE, BSCE '08 and invited other organizations within the college to join them for event so all had the opportunity to talk with her about her role as the CEO of Central Ohio Transit Authority and as an ONU Alumnus. Lunch was provided.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The time with Joanna provided members with an opportunity to understand an engineer's role in a public entity and also provided the opportunity to ask questions about her career (which spanned several public and private companies).
- iii. **Organization and Administration**

N/A
- iv. **In Conjunction With**

ONU ASCE and ONU SWE chapters
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

An RSVP was required and lunch was provided for all by the College of Engineering.

vii. **Special Problems Encountered**

None.

viii. **Overall Evaluation**

Members found the event to be worthwhile. Joanna encouraged CoE students to seek challenges and to not be afraid to try or learn something new. The event was well attended.

3. **Additional Attachments**

Figure 17: Informal Conversation with Spotts Lecturer



Figure 18: Advertisement for Event

## An Informal Conversation with Joanna Pinkerton, PE, BSCE '98

Join ASCE and SWE for lunch and visit with our  
2024 Spotts Lecturer!

WHEN: TUESDAY, FEBRUARY 20, 2024  
WHEN: 11:00 a.m.  
WHERE: JLK 103  
WHAT: LUNCH PROVIDED



All those in  
attendance will  
be entered in a  
drawing!  
2024  
SPOTS



# 21 TBP General Meeting

## Ohio Iota

### 1. Project Information

- i. Date(s): 02/22/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	15
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**

Upcoming events were discussed and the roles of each leadership position were discussed. Bent judging occurred for the new members polished bents.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Recruiting new officers to fill the outgoing seniors' positions is important in continuing growth of the OI chapter.
- iii. **Organization and Administration**

Event was run by president and attending officers.
- iv. **Total Cost**

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

None.
- vi. **Special Problems Encountered**

None.
- vii. **Overall Evaluation**

This meeting was successful, we accomplished everything on our agenda.

# 22 TEAMS Competition

## Ohio Iota

### 1. Project Information

i. Date(s): 02/29/24

ii. New/Recurring Project: New

iii. Project Areas:

- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

Category	Count
Advisors	1
Members	5
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
0.5	4.0

### 2. Project Evaluation

#### i. General Description

Members proctored a TEAMS competition for high schoolers. They answered questions, kept time, and collected items as the high schools completed an exam and a team building event.

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

The purpose was to help out and volunteer time to Ohio Northern as the Engineering College's Assistant Dean asked for help to make the day run smoothly.

#### iii. Organization and Administration

There were two proctors to a room. One read off instructions while the other was the time keeper. They both walked around the room and answered questions when they could.

#### iv. In Conjunction With

Ohio Northern University College of Engineering

#### v. Total Cost

\$0.0

#### vi. Cost Breakdown

N/A

vii. **Special Problems Encountered**

There were no problems that occurred.

viii. **Overall Evaluation**

Overall, proctoring went well and the Assistant Dean was pleased with the help the members provided. Hopefully this will be a reoccurring volunteer opportunity for the members.

3. **Additional Attachments**

Figure 19: TEAMS at ONU



Figure 20: TEAMS 2 at ONU



# 23 Outstanding Leadership Award

## Ohio Iota

### 1. Project Information

- i. Date(s): 03/01/24 - 03/15/24
- 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
General Students	1
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Members of Tau Beta Pi, in cooperation with the Joint Engineering Council, selected an outstanding student leader from the junior or senior classes in the College of Engineering. The student who exhibited outstanding leadership skills during the academic year 2023-2024 and was nominated by other students or faculty members.

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

It is a primary goal of the University to produce quality graduates and leadership is one of the many traits desired in a quality graduate. Granting this award encourages students to seek the outstanding leadership quality and rewards those who do an exceptional job exhibiting these qualities.

#### iii. Organization and Administration

N/A

#### iv. In Conjunction With

Joint Engineering Council

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

Members of a selection committee, made up of Tau Beta Pi and JEC members, selected Kaden Wince, a computer engineering senior and TBP member, for the Outstanding Leadership Award. Kaden received the award on ONU's Honors Day (April 16, 2024) and was recognized at the University President's Leadership Dessert (May 8, 2024).

3. **Additional Attachments**

Figure 21: Kaden Wince - Outstanding Leadership Award



Figure 22: Honors Day Program - P1

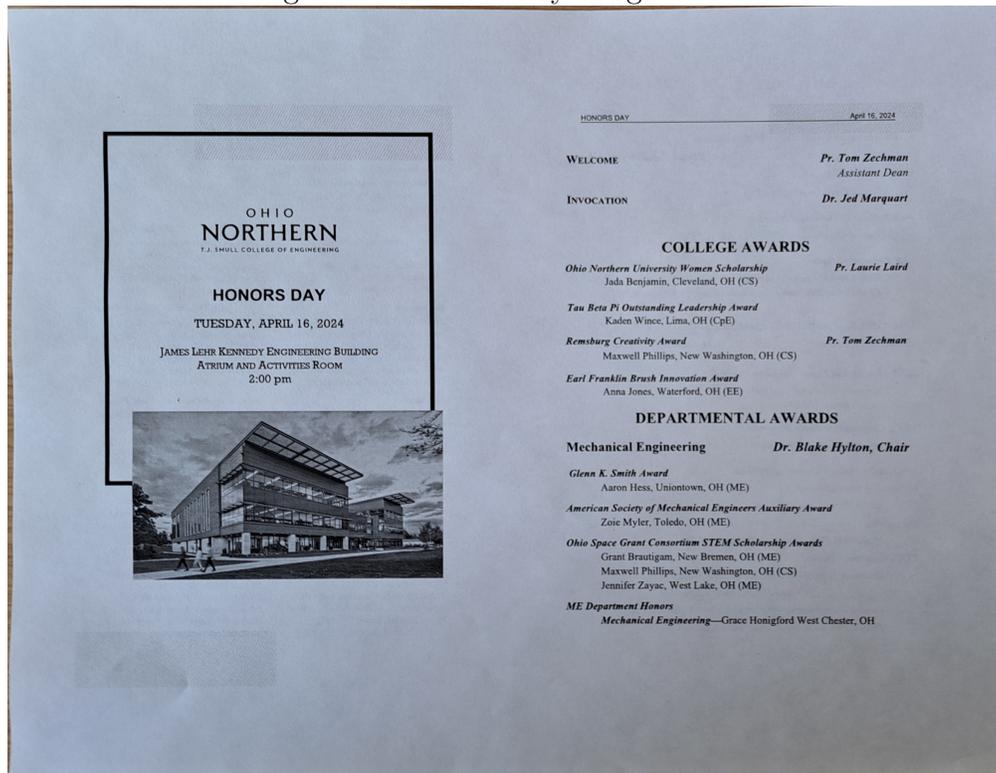
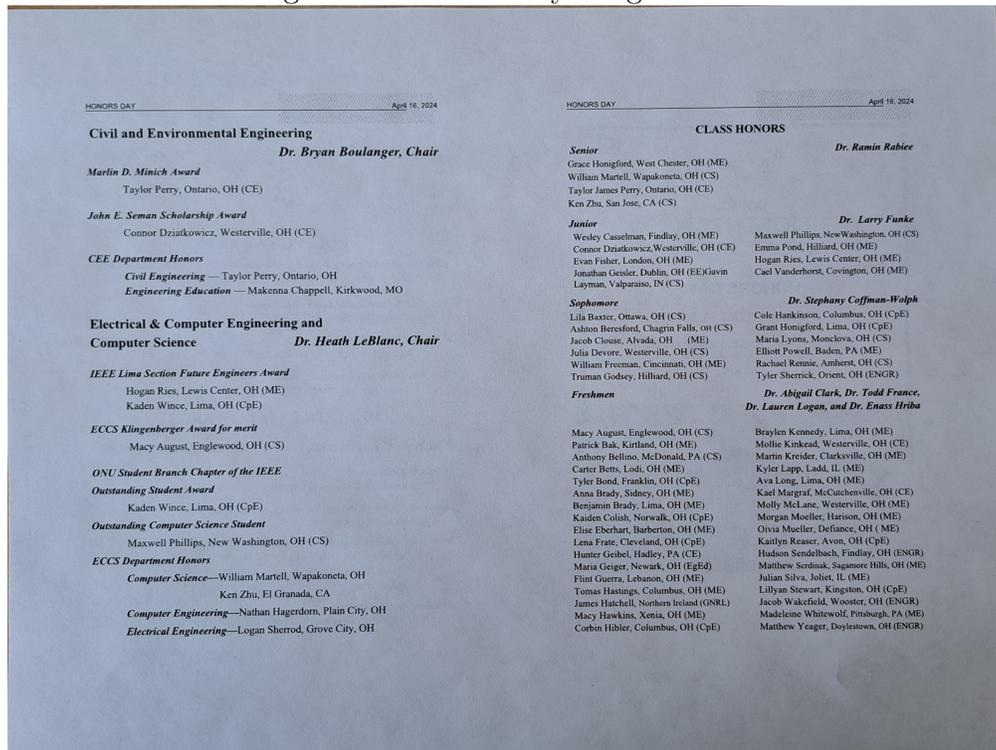


Figure 23: Honors Day Program - P2



## 24 Officer Elections

### Ohio Iota

#### 1. Project Information

i. Date(s): 03/05/24

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
Members	25
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

#### 2. Project Evaluation

##### i. General Description

An in-person meeting for the election of the 2024-2025 officers. Potential officers had the chance to promote themselves before voting took place for each position.

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

In order to keep TBP running at OH I, officer elections for the next year are necessary.

##### iii. Organization and Administration

The outgoing president organized this event. Information on each office was sent out to eligible members ahead of time. Eligible members were asked to nominate themselves or another member for each position. The president then reached out to each person nominated to see if they accepted the nomination prior to the meeting. Voting took place electronically for each position (president then vice president then treasurer, etc.) electronically.

##### iv. Total Cost

\$150.0

##### v. Cost Breakdown

Provided pizza, tater tots, and fries from Tavern 101 as well as bottled waters.

vi. **Special Problems Encountered**

None encountered. We did not use electronic voting this year as it was not necessary but that may be something to consider for next year.

vii. **Overall Evaluation**

The overall goal of electing new officers was met.

3. **Additional Attachments**

Figure 24: 2023-24 Officers



# 25 D7 Spring Conference

## Ohio Iota

### 1. Project Information

- i. Date(s): 04/05/24 - 04/06/24
- 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
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	12.0

### 2. Project Evaluation

- i. **General Description**

Two members - Mallory Clark (current VP) and Zachary Toth (incoming VP) - attended the D7 spring conference at the University of Dayton. They participated in all the events held throughout the day and the social that was held the night before.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

To gain more information on how to improve our chapter of TBP and bring information back to the other officers.
- iii. **Organization and Administration**

Each member attended the different breakout groups, like member engagement and projects.
- iv. **In Conjunction With**

Tau Beta Pi District 7
- v. **Total Cost**

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

N/A

vii. **Special Problems Encountered**

There were no problems

viii. **Overall Evaluation**

This was beneficial as Mallory and Zach were able to bring back information and ideas to the chapter that will be helpful in the future to bring more engagement from members and non-member students at ONU.

3. **Additional Attachments**

Figure 25: Group photo - Zachary (4th row up in the teal shirt) Mallory (2nd row from the top in front of Curt)



# 26 Officer Transition Meeting

## Ohio Iota

### 1. Project Information

- i. Date(s): 04/30/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisors	1
Members	8
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

The officers transitioned their roles to the new officers for next year. Discussed what end-of-year reporting was required and decided when different officers would meet to fill out the various reports.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

In order for TBP to continue running smoothly at Ohio Iota, it is important to educate the new officers on what is expected of them from the local chapter, the district, and headquarters.
- iii. **Organization and Administration**

The outgoing president organized the meeting and provided minutes that the outgoing officers could fill out for the incoming officers to reference.
- iv. **Total Cost**

\$70.0
- v. **Cost Breakdown**

Pizza and wings provided for lunch for attending members from East of Chicago Pizza.

vi. **Special Problems Encountered**

Some officers could not attend, so those select few were encouraged to reach out to their new/old counterpart to touch base on responsibilities.

vii. **Overall Evaluation**

The meeting allowed the group to be passed off from the old officers to the new officers without much confusion from the new officers. Selected members to attend National Convention as well so our convention credentials could be turned in by June 1.