

WELCOME TO

Tau Beta Pi

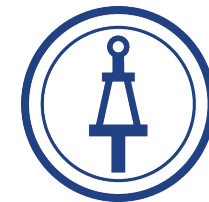
The Engineering Honor Society

Michigan Gamma Chapter

3 September 2024

AGENDA

1. What is Tau Beta Pi?
2. Meet the Officers
3. Initiation Requirements
4. How-To for Action Items
5. Upcoming Events
6. Recap and Q & A

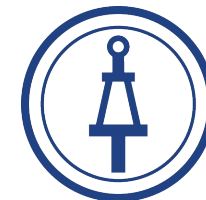


Tau Beta Pi
The Engineering Honor Society

WHAT IS
TAU BETA PI?

ONLY HONOR SOCIETY REPRESENTING THE ENTIRE ENGINEERING PROFESSION

- Founded in 1885 at Lehigh University
- Michigan Gamma Chapter founded in 1906
- We have since initiated over 10,850 members
- We are the nation's 2nd largest chapter
- We are the nation's most active chapter



Tau Beta Pi
The Engineering Honor Society

TBP IS...

Community Service - NAP Stewardship Days



TBP IS...

Community Service - Knitwits



TBP IS...

Community Service - The Breakfast Parties



TBP IS...

Community Service - Cub Scouts Day



TBP IS...

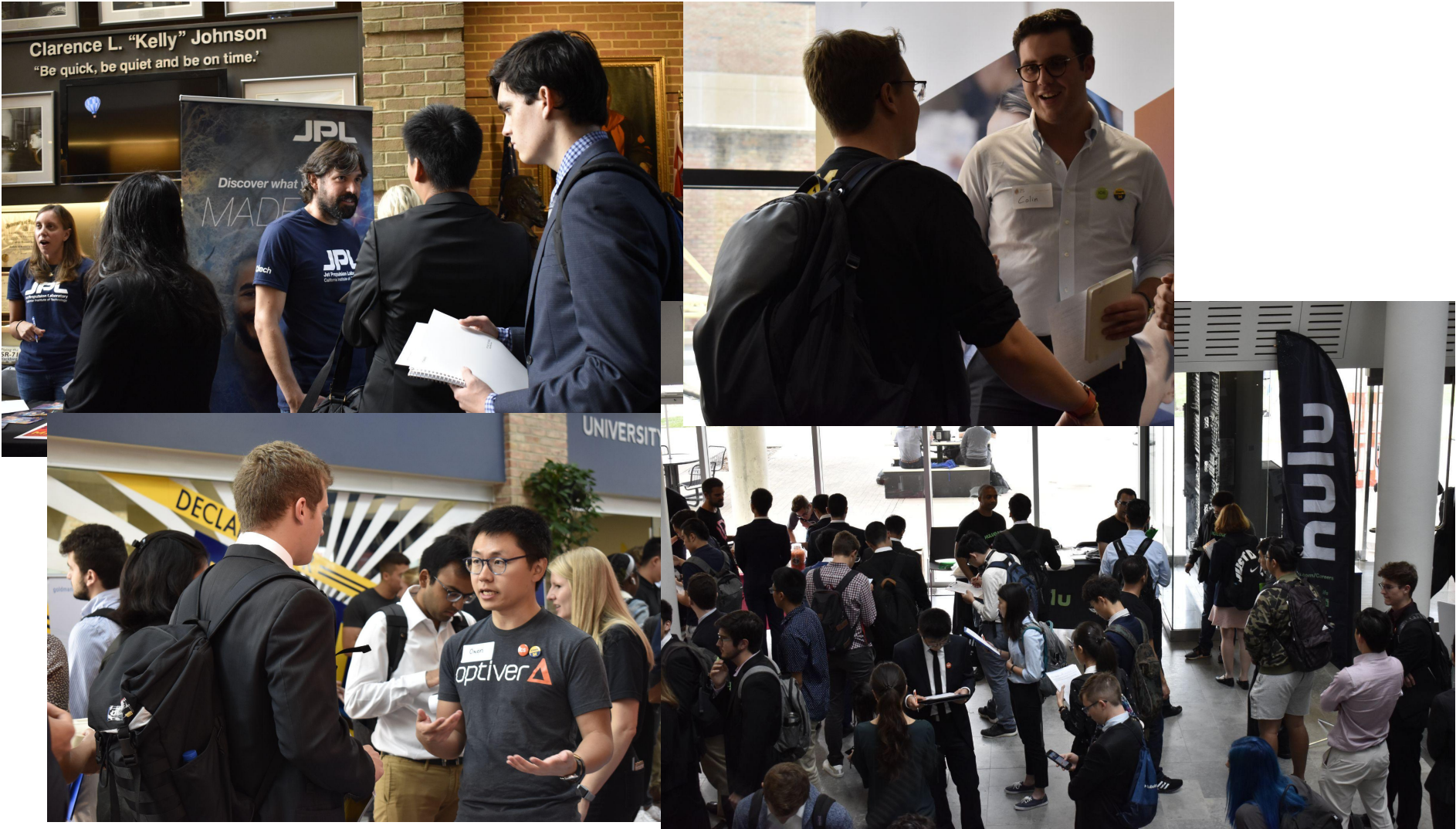
Professional Development - Corporate Info Sessions

We have held events with hundreds of companies!



TBP IS...

Professional Development - Career Fair



TBP IS...

Leadership Opportunities



Winter 2024 Officer Corps



Fall 2024 Officer Corps

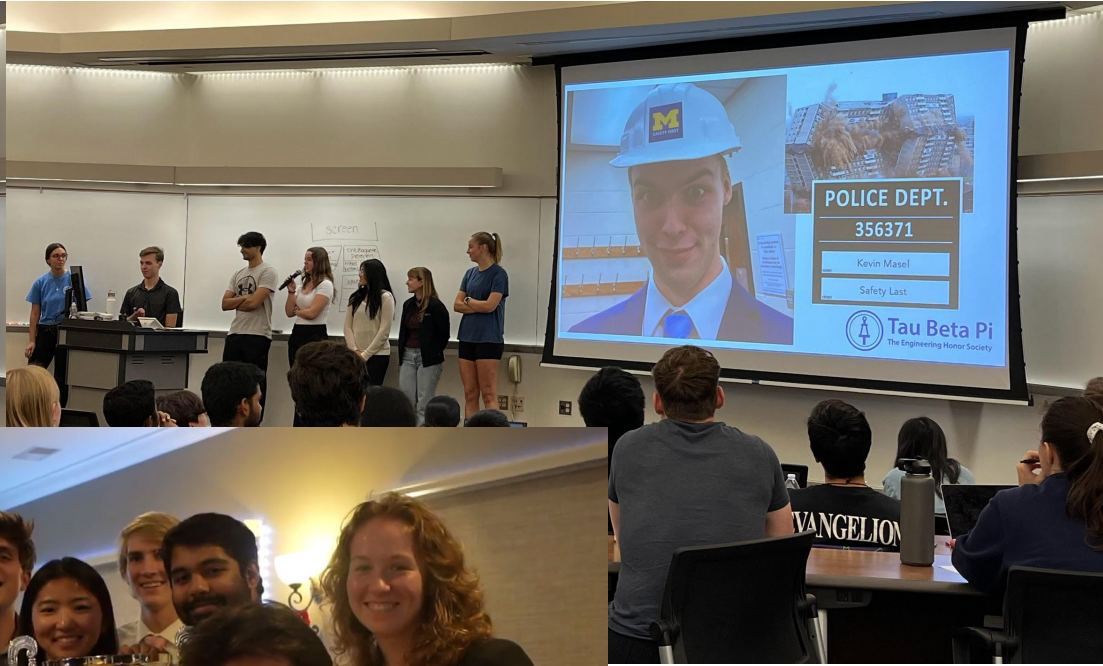
TBP IS...

Community



TBP IS...

Fun - Electee Team Games



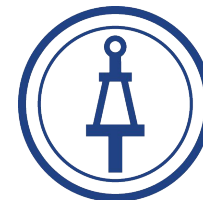
TBP IS...

Fun - LOTS of free food!



NOTABLE TAU BATES

- Michigan Gamma
 - Larry Page (Co-founder of Google)
 - Claude Shannon (father of information theory)
 - Edward White (First US astronaut to space walk, Apollo 1)
 - Samuel Chao Chung Ting (Nobel Prize in Physics)
- Other Chapters
 - Jeff Bezos (Founder and former CEO of Amazon)
 - Judy Resnik (Astronaut on the Challenger)
 - Linus Pauling (two-time Nobel laureate)
 - Buzz Aldrin (2nd astronaut to walk on the moon)
 - 17 Astronauts, 19 Nobel Laureates



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NOTABLE TAU BATES AT MICHIGAN



Karen Thole
CoE Dean



Michael Solomon
Rackham Dean



Dawn Tilbury
Robotics Dept Chair



Sharon Glotzer
ChE Dept Chair



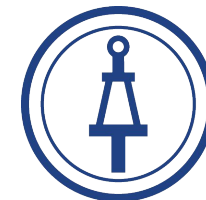
Ellen Arruda
ME Dept Chair



Elizabeth Holm
MSE Dept Chair

MEMBERSHIP BENEFITS

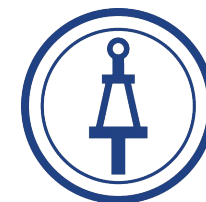
- **Scholarships**
 - Undergraduate students
 - \$2,000 stipend sent directly to you
- **Fellowships**
 - Graduate students
 - \$10,000 stipend sent directly to you
- 13 winners from MI-G in past 5 years
 - 10 scholarships + 3 fellowships



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MEMBERSHIP BENEFITS

- **Employment Related**
 - Access to exclusive online job boards
 - Automatic entry-level advancement for US Government work
 - Special TBP recruiting center
- **Test Preparation**
 - 30% discount on FE/EIT and PE exam prep materials
- **Travel & Relocation**
 - Hotel discounts
 - Special mortgage benefits



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MEET THE
OFFICERS

EXECUTIVE TEAM



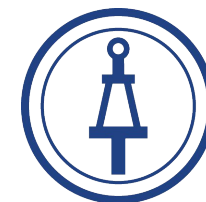
Hunter Muench
President
Electrical and Computer
Engineering MSE



Karen Jin
Vice President
Biomedical Engineering BSE

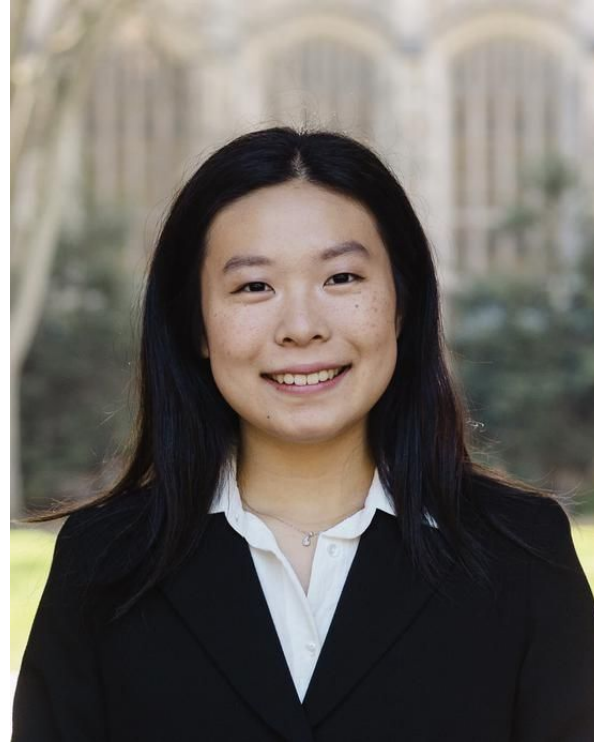


Abdur-Raheem Al-Hallak
Grad Vice President
Electrical Engineering PhD



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EXECUTIVE TEAM

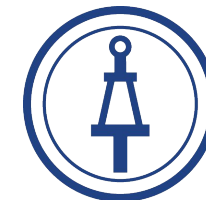


Alexander Li
Treasurer
Mechanical Engineering BSE

Jennifer Wang
Secretary
Electrical Engineering BSE

Vance Kreider
External Vice President
Mechanical Engineering BSE

Ibrahim Musaddequr Rahman
External Vice President
Computer Science BSE



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EVENTS TEAM



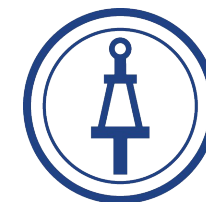
Karis Hu
Service Coordinator
Aerospace Engineering BSE
Robotics Engineering BSE



Evelyn Lee
K-12 Outreach Officer
Biomedical Engineering BSE



Dylan Stone
K-12 Outreach Officer
Nuclear Engineering BSE



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EVENTS TEAM



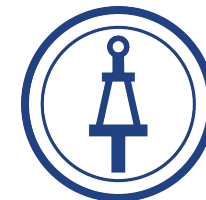
Sabrina Wong
Campus Outreach Officer
Chemical Engineering BSE



Maggie Robbins
Professional Development Officer
Chemical Engineering BSE



Paco Haas
Activities Officer
Data Science BSE



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CHAPTER TEAM



Aiden Ascioti

Chapter Development Officer

Electrical Engineering MSE



Arthur Yang

Historian

Data Science BSE



Grace Yoon

Publicity Officer

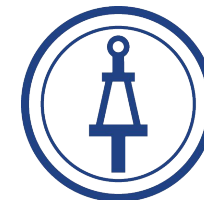
Data Science BSE



Alyssa Fodale

Membership Officer

Chemical Engineering BSE



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ADVISORS



Kyle Lady (*Chief Advisor*)
CS, Alum



Michael Benson
EE, PhD



Drew Boughton
MechE, MSE



Kate Giammalvo
EnvironE, PhD



Zachary Goldston
CS, Alum



David Martel, PhD
BME, EE, Alum



Kevin Masel
MSE, Alum



Jacob Miller
ChE, Alum



Ranadeep Mitra
CS, Alum

INTERMISSION

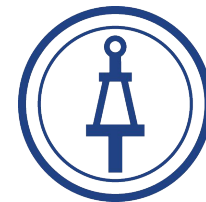
GRADUATE STUDENTS – Please
follow AR to DOW 1014



INITIATION REQUIREMENTS

THE BASICS

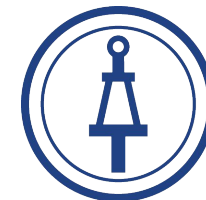
- There are two types of members in Tau Beta Pi:
 - Actives: Initiated members of the organization
 - Electees: Members in the process of joining (i.e. you!)
- The “electing process” comprises of the steps you must take this semester in order to become a life-long member of Tau Beta Pi
- Throughout this electing process, your VP will be your greatest resources and go-to point of contact (that’s me!)



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ELECTEE REQUIREMENTS

- Attendance at all (5) General meetings, Elections, and Initiation
- Completion of 16 total hours of service
- Attendance of 2 Professional Development and 2 Social Events
- Attendance at 3 meetings of your Electee Team
- Participation in TBPals (1 meeting)
- Character evaluation process
- Peer Interviews
- Electee Exam
- Initiation Fee (\$100)

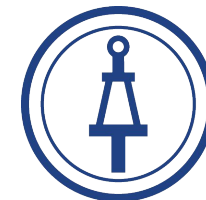


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MEETING ATTENDANCE REQUIREMENTS

- Most meetings are on Tuesdays at 6:30 PM
 - First General (Sep 3rd or Sep 6th) (**You're here right now!**)
 - 4 more General Meetings + Elections
 - New Initiatives - optional
- 3 electee team meetings
- Initiation and Banquet – December 7th (3 pm – 9 pm)

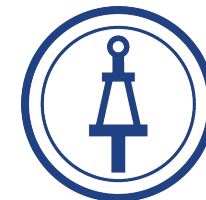
- If you cannot make any of these dates, please let me know and we can work something out!



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INITIATION & BANQUET

- Initiation will be held on Saturday, December 7th in 1500 EECS at 3:00pm
 - If you know you will be unable to make it, please reach out to me (Karen) and we can make alternate arrangements
 - This is when you will officially be inducted into the chapter
- Initiation is followed up with our semesterly banquet
 - Attendance at this banquet is not enforced like Initiation is but it is HIGHLY encouraged that you attend.
 - This will be a celebration of your election into the chapter so come celebrate with your fellow electees!



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HOURS REQUIREMENTS

- Completion of 16 total hours of service
 - 1 hour Tutoring
 - 4 hours of K-12 Outreach events
 - 2 hours of Career Fair volunteering
 - 9 hours from other events

Tutoring

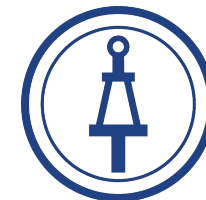


tbpmig.org/tbptutoring

Career Fair Volunteering



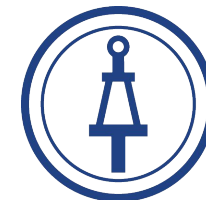
tbpmig.org/cf-volunteering



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HOURS REQUIREMENTS

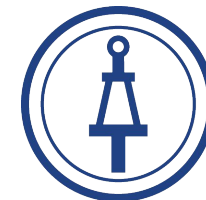
- Attendance at 4 total PD/Social Events
 - 2 PD events
 - Corporate info sessions, resume reviews, etc
 - 2 social events
 - Tailgates, game nights, BWW socials, boba socials, Cantina nights, and more!



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CHARACTER EVALUATION

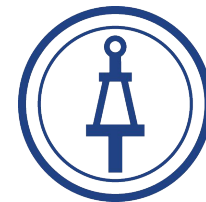
- Completion of Electee Questionnaire + Resume upload
 - Due by Monday, September 16th
 - Can only be done after making a website profile at tbpmig.org
- Completion of in-person Character Interview with active Tau Bates
 - Will be held September 18th - 20th, 9 am - 5pm
 - 25 minutes long
 - Sign-up is on the website (tbpmig.org)



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PAPERWORK & DUES

- Completion of “Electee Exam” by December 3rd
 - Exam is in your folder already! Also available online
 - Don’t take it too seriously! (Work with your electee team + reach out to actives/officers)
- Completion of 6 Casual Peer Interviews by December 3rd
 - Interview fellow electees and actives to get to know one another
 - Ask creative questions! No favorite colors!
 - Also meant to be fun, like the exam! (don’t take it too seriously)
- Payment of \$100 one-time Membership Fee by December 3rd
 - Covers your national membership, personal engraved Bent, etc.
 - Reach out to me or our treasurer (Alex Li) if this poses any financial burden



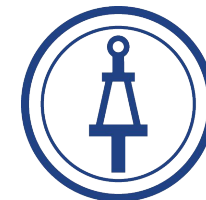
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BONUS: COFFEE CHATS!

- Short (15-30 mins), informal meetings with a current active member
- These are ****OPTIONAL**** but highly recommended if you want to learn more about the chapter and electing process
- Sign up by September 10th



Coffee Chat Sign-Up
tbpmig.org/CoffeeChat-Electee



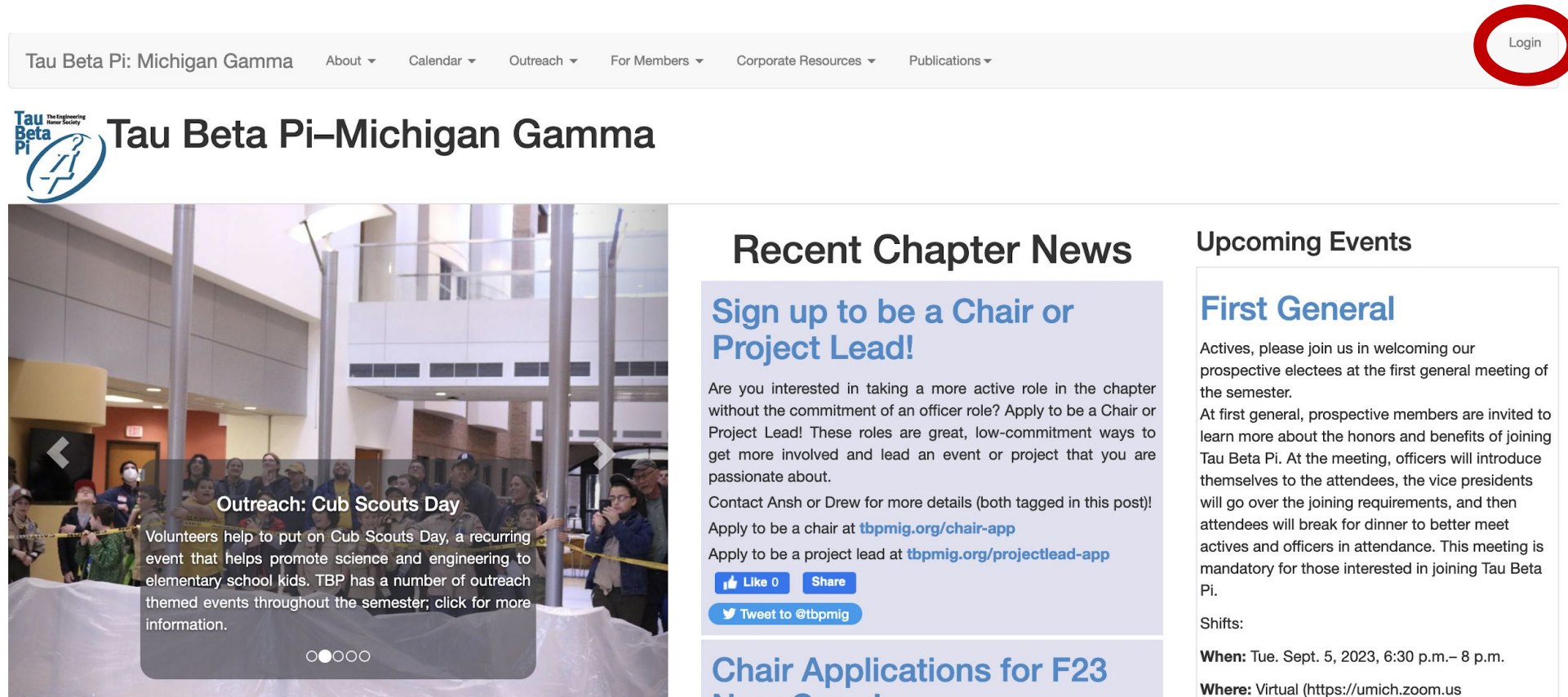
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ACTION ITEM
HOW-TOs

CREATE A WEBSITE PROFILE

1. Visit tbp.engin.umich.edu & click 'login' in the upper-right hand corner



Tau Beta Pi: Michigan Gamma About ▾ Calendar ▾ Outreach ▾ For Members ▾ Corporate Resources ▾ Publications ▾ **Login**

 **Tau Beta Pi–Michigan Gamma**

Outreach: Cub Scouts Day
Volunteers help to put on Cub Scouts Day, a recurring event that helps promote science and engineering to elementary school kids. TBP has a number of outreach themed events throughout the semester; click for more information.

Recent Chapter News

Sign up to be a Chair or Project Lead!

Are you interested in taking a more active role in the chapter without the commitment of an officer role? Apply to be a Chair or Project Lead! These roles are great, low-commitment ways to get more involved and lead an event or project that you are passionate about.

Contact Ansh or Drew for more details (both tagged in this post)!

Apply to be a chair at tbp.org/chair-app

Apply to be a project lead at tbp.org/projectlead-app

[Like 0](#) [Share](#)

[Tweet to @tbporg](#)

Upcoming Events

First General

Actives, please join us in welcoming our prospective electees at the first general meeting of the semester.

At first general, prospective members are invited to learn more about the honors and benefits of joining Tau Beta Pi. At the meeting, officers will introduce themselves to the attendees, the vice presidents will go over the joining requirements, and then attendees will break for dinner to better meet actives and officers in attendance. This meeting is mandatory for those interested in joining Tau Beta Pi.

Shifts:

When: Tue. Sept. 5, 2023, 6:30 p.m.– 8 p.m.

Where: Virtual (<https://umich.zoom.us>)

Chair Applications for F23

CREATE A WEBSITE PROFILE

2. Create your own profile
 - a) To access this profile again, click your username in the top right
 - b) Use the "edit profile" tab to add to your profile

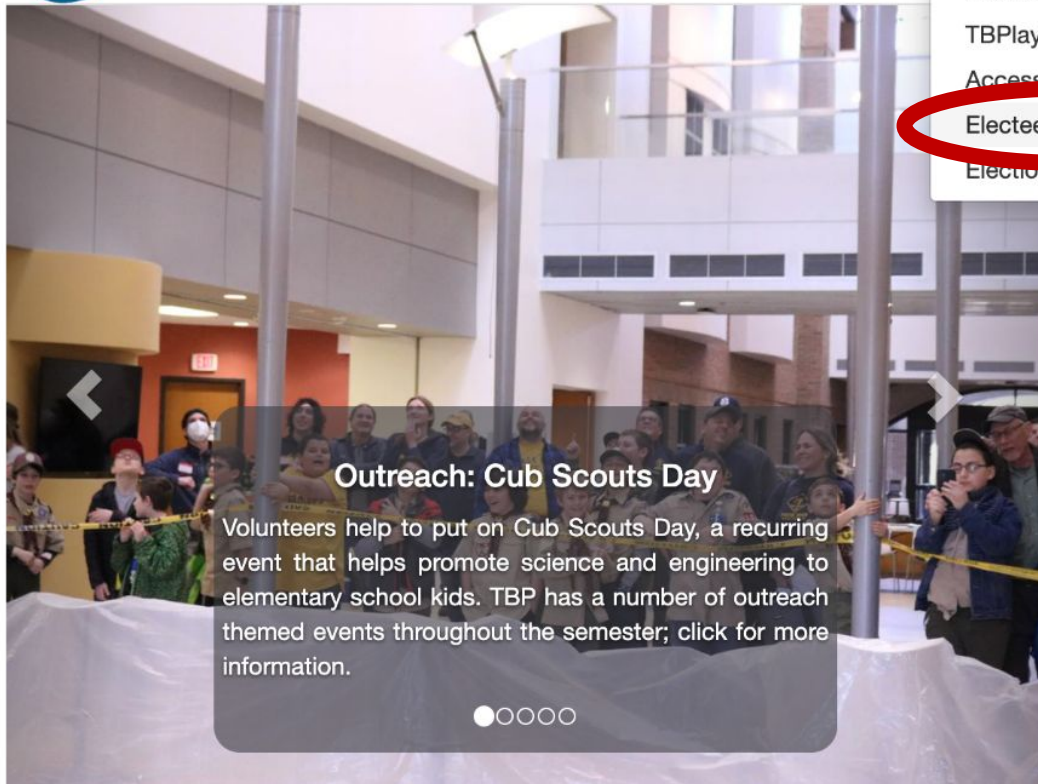
The screenshot displays the website interface for Tau Beta Pi Michigan Gamma. At the top, there is a navigation bar with links for 'About', 'Calendar', 'Outreach', 'For Members', 'Corporate Resources', and 'Publications'. On the right side of this bar, the text 'jsweeks is logged in. Logout?' is circled in red. Below the navigation bar is the main header with the Tau Beta Pi logo and the text 'Tau Beta Pi-Michigan Gamma'. A secondary navigation bar contains links for 'Member Profile', 'Track My Progress', 'View Others' Progress', 'Membership Admin', 'TBPlayground', 'Access History', 'Electee Resources', and 'Elections'. Below this, a row of buttons includes 'Back to Member List', 'Edit Profile' (circled in red), and 'Edit Account Preferences'. The main content area features a profile for 'John Stephen Weeks, IV' with a profile picture. To the right of the picture, the following information is listed: 'Goes by: Jack', 'Username: jsweeks', 'Preferred email address: jsweeks@umich.edu', 'Status and standing: Undergraduate, Active', 'Initiated at: MI-G in Fall 2016', and 'Major: Mechanical Engineering'. Below this is a 'Bio' section with a paragraph of text. To the right of the bio is a section titled 'Officer Positions Held' with the entry 'Vice President in Winter 2018'. Below that is a 'Distinctions' section with three entries: 'Distinguished Active: 0 terms.', 'Prestigious Active: 0 terms.', and 'Active: 1 term.' At the bottom, there is a section for 'Your info (only visible to you and to admins):' containing 'UMID: 05706713' and 'Expected Graduation Date: April 1, 2018'.

ELECTEE QUESTIONNAIRE



Tau Beta Pi–Michigan Gam

- Member Profiles
- Track My Progress
- View Others' Progress
- Membership Admin
- TBPlayground
- Access History
- Electee Resources**
- Elections



Outreach: Cub Scouts Day

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Recent Chapter News

Membership Opportunities

Are you interested in taking a more active role in the chapter without the commitment of an officer role? Interested in getting involved in a specific project or committee? Check out our newly reworked Leadership Form to learn about more opportunities. These opportunities are great, lower-commitment ways to get more involved and lead an event or project that you are passionate about. Feel free to reach out with any questions.

Also, check out the Electee Team Lead interest form if you are interested in playing a big role in the electing process this semester.

All of these roles will count as a leadership credit, which is an integral part of achieving DA/PA status.

Leadership Form: tbpmig.org/leadership

Electee Team Lead Form: tbpmig.org/ElecteeTeamLea

Like 0 Share

Post to @tbpmig

Quick Links

- [Track My Progress](#)
- [Add Weekly Announcement](#)
- [View Members' Progress](#)
- [Member Admin](#)
- [Manage Electee Teams](#)
- [Add new event to calendar](#)
- [Upload Meeting Minutes](#)
- [Post Web Story](#)

Upcoming Events

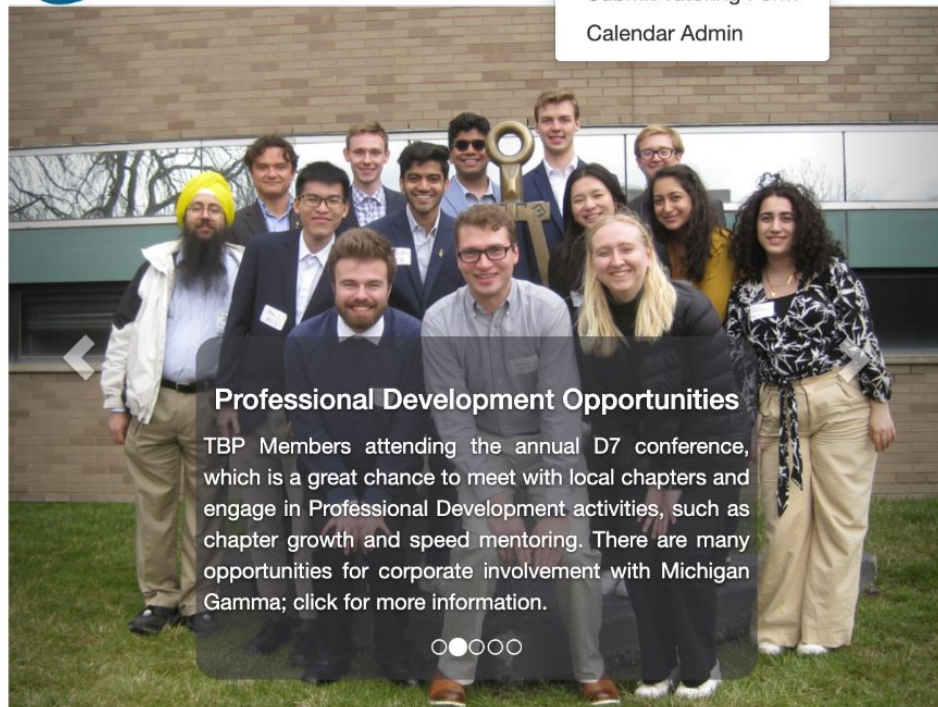
First General

SIGN UP FOR INTERVIEW



Tau Beta Pi-Michigan Gamma

- Google Calendar
- Event List**
- My Events
- Submit Tutoring Form
- Calendar Admin



Professional Development Opportunities

TBP Members attending the annual D7 conference, which is a great chance to meet with local chapters and engage in Professional Development activities, such as chapter growth and speed mentoring. There are many opportunities for corporate involvement with Michigan Gamma; click for more information.



Recent Chapter News

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Electee Team Lead Form: tbp.org/ElecteeTeamLead

Like 0 Share

Post to @tbpig

Sign up to be a Chair or

Quick Links

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- [Add Weekly Announcement](#)
- [View Members' Progress](#)
- [Member Admin](#)
- [Manage Electee Teams](#)
- [Add new event to calendar](#)
- [Upload Meeting Minutes](#)
- [Post Web Story](#)

Upcoming Events

First General

Actives interested in being electee team leads are encouraged to attend our first general meeting and meet our incoming electees!

Shifts:

When: Tue. Jan. 23, 2024, 6:30 p.m.– 8 p.m.

SIGN UP FOR INTERVIEW

2. Look for “Electee Interviews (Electees)” and sign up for an open slot

Electee Interviews - Wednesday (Electees)

[Edit](#) [Delete](#)

Event/Requirement Type: Attended Interviews

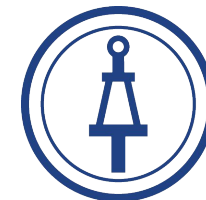
Character interviews are required for all prospective members of Tau Beta Pi. The dress for both actives and electees is business casual, but this interview is low stress! Undergraduate interviews are from 9am-5pm. Graduate interviews are from 5pm-9pm.

Project Leaders: [Karen Jin \(karenjin\)](#) and [Aditya Vasudevan \(adivasu\)](#)

	1120B Duderstadt		1120D Duderstadt	
	Interviewee	Interviewer(s)	Interviewee	Interviewer(s)
Wed, Jan. 31, 2024 9 a.m.– 9:30 a.m.	15298 Interview Slot Open Shift is for Undergrad Electees only	Interview Slot Open ✓ Sign-up	15300 Interview Slot Open Shift is for Undergrad Electees only	Interview Slot Open ✓ Sign-up
Wed, Jan. 31, 2024 9:30 a.m.– 10 a.m.	15302 Interview Slot Open Shift is for Undergrad Electees only	Interview Slot Open ✓ Sign-up	15304 Interview Slot Open Shift is for Undergrad Electees only	Interview Slot Open ✓ Sign-up

K-12 OUTREACH

- Youth Protection Training and Background Check
 - Complete Youth Protection Training by 2nd Gen (September 17th)
 - Online (~1 hr) <https://tbpmig.org/ypt>
 - Upload your certificates at <https://tbpmig.org/YPT-confirm>
 - Opt-in to U of M background check
 - <https://tbpmig.org/opt-in>
 - You will get an email with a survey from a 3rd party service
 - Both are REQUIRED before you will be able to sign-up for K-12 events on the website
 - Look out for an email from us soon with all the information you will need!



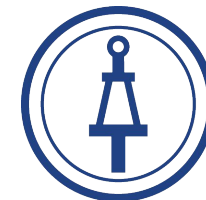
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UPCOMING EVENTS

Upcoming Service Events

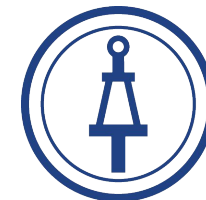
- FIRST Robotics Student Organization Fair (9/7)
 - North Campus (likely the Grove) 1 hour shifts, 8:30-11:00 AM
- FIRST Robotics Student Organization Volunteering (9/7)
 - North Campus (likely the Grove) 30 minute shifts, 9:00 AM - 2:00 PM
- NAP Stewardship Workday (9/11)
 - Huron Parkway Woodland, 3 hours, 1:00 - 4:00 PM
- NEST Meeting I (9/16)
 - EWRE 104, 1 hour, 6:00 - 7:00 PM
- Knitwits I (9/19)
 - EECS Atrium, 2 hours, 5:30 - 7:30 PM
- NAP Stewardship Workday (9/21)
 - Olson Nature Area, 3 hours, 1:00 - 4:00 PM



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Upcoming Service Events (cont.)

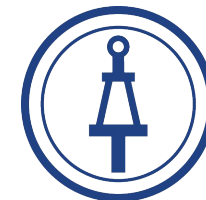
- The Breakfast Parties I (9/24)
 - Dude Connector, 1 hour shifts, 8:30 AM - 12:00 PM
- New Initiatives I (9/24)
 - Dow 1013, 1 hour, 6:30 - 7:30
- SERVE Idea Submission Form (due 10/1)
 - Asynchronous, max 2 hours
- The Breakfast Parties II (10/10)
 - Dude Connector, 1 hour shifts, 8:30 AM - 12:00 PM



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Upcoming Service Projects

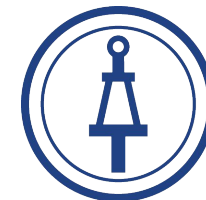
- SERVE Program
 - Small groups engineer a community service solution.
 - Get funding and service hours for meetings and tasks.
 - Past projects include K-12 module development and career fair webtools.
 - Submit ideas by 10/1 for service hours (event on website)!
- NEST Program
 - Similar to SERVE, but with issue selected by TBP Nationals.
 - Participating chapters engineer solutions for one issue.
 - This year's is "Waste Management"
 - NEST Meeting I on 9/16 from 5:30 - 6:30



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Upcoming K-12 Events

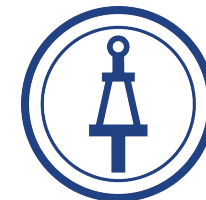
- MindSET 1 (10/6)
 - Bottle rockets, 3 hours
- Merit Badge Day 1 (10/20)
 - Electronics, 6 hours
- MindSET 2 (10/27)
 - Model earthquakes, 3 hours
- Cub Scouts Day (11/10)
 - Classic event, max 7 hours
- Engineering Day 1 (11/3)
 - 6 hours
- MindSET 3 (11/17)
 - Programming, 3 hours
- Merit Badge Day 2 (11/24)
 - Electronics, 6 hours



Tau Beta Pi
The Engineering Honor Society

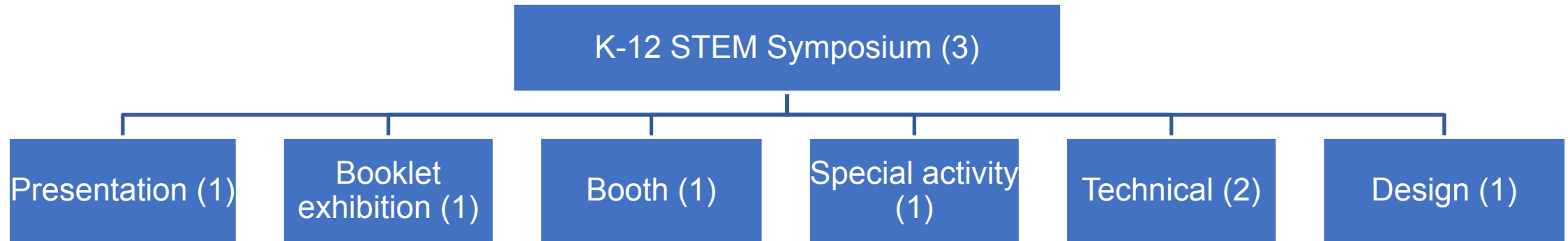
K-12 Symposium in March 2025

1. Presentations
10 minutes presentation of STEM or engineering topic and 5 minutes of Q&A
2. Booklet exhibition
Analogous to poster exhibition, each booklet will explain or introduce a scientific topic in a children-book-like manner.
3. Booths
 - a. Make-my-own-booklet
 - b. Physics and engineering with Minecraft
 - c. Origami and mathematics
4. Special activity per group
Any hands-on activities such as bridge building and rocket building.



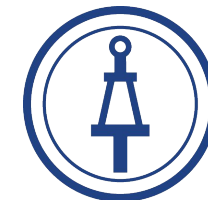
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Recruiting project leaders!



Submit your application to tbpmig.org/k12symposium-project-leader-application by **October 1st**!

Also if you are part of or know organizations interested in collaborating, please let those who are interested in collaborating to fill out tbpmig.org/k12symposium-collaborating-orgs-form



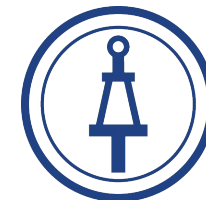
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Upcoming PD Events

- Career Fair Info Sessions
 - Companies like P&G, Lucid Motors, Texas Instruments, Eli Lilly, and more!
 - Scan the QR code for more info!
 - Open to everyone in COE
 - Exclusive events throughout the year
- Consider joining PD committee
 - Be more involved in organizing PD events!



tbpmig.org/corporateevents



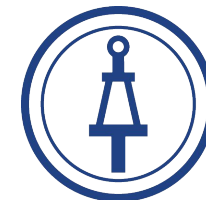
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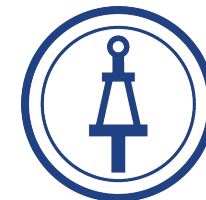
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Upcoming Social Events

- Buffalo Wild Wings Night
 - Thursday Sep. 5th from 6 – 8 pm
 - Come get some free food and meet actives!
- Game Night
 - Thursday Sep. 12th from 6 - 8 pm
 - Play games and chat with actives!
- Classroom Movie Night
 - Friday Sep. 13th from 7 - 9:30 pm
 - Enjoy popcorn and a movie on campus!
- TailgateBP2 - Arkansas State
 - Saturday Sep. 14th from 9 – 11 am
 - Hangout before the game and get coffee/donuts!

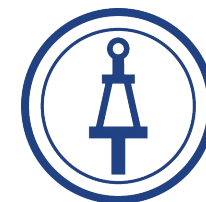


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SUMMARY

KEY NEXT STEPS

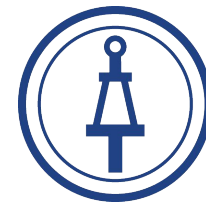
1. Make a website profile
 - Submit a resume
 2. Sign up for a Character Interview: September 18th - 20th
 - Fill out the Electee Questionnaire by September 16th
 3. Complete forms for working with minors by September 17th
(Second General)
-
1. Undergrads: Sign up for tutoring by Oct 1st (ASAP!)
 - Sign up only, not complete!
 - Look out for an email with signup info
-
1. Optional: sign up for coffee chats by Sep 10th



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WHY YOU SHOULD JOIN

- Incredible national network of accomplished engineers
- Make great friends!
- Develop leadership skills
- Great organization and community
- Lots of fun & worthwhile activities
- Social, service, professional development, and more
- Free food!
- Recognition & esteem
- Scholarship opportunities



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Q&A