



Electee Packet - Winter 2024

Tau Beta Pi MI-G

Make sure your packet has all of the following items:

1. Information Sheet
2. Electee Requirements & Deadlines
3. Character Evaluation
4. Electee Exam
5. Forms for Working with Minors
6. Service Project Descriptions

If you are missing something, stop by the office, also known as the Bullpen (1226 EECS) or go to the Electee Resources page on the website (tbp.engin.umich.edu). Also, feel free to contact the Vice President (tbp.vicepresident@umich.edu). **Sign up for interviews** and **create a website profile** at tbp.engin.umich.edu.

Officer Chats - Winter 2024

Please come visit us during our Officer Chats located in the Bullpen (1226 EECS). We can answer any questions and help you with your electee exam! You can see any updates to the Officer Chats schedule at tbp.org/oh.

| Time | Monday | Tuesday | Wednesday | Thursday | Friday |
|----------|--------|----------------|-------------|----------------|--------------|
| 9:00 AM | - | - | - | - | - |
| 9:30 AM | - | - | - | - | - |
| 10:00 AM | - | - | - | - | - |
| 10:30 AM | - | - | - | - | - |
| 11:00 AM | - | - | - | - | - |
| 11:30 AM | - | - | - | - | - |
| 12:00 PM | - | - | - | - | - |
| 12:30 PM | - | - | - | - | - |
| 1:00 PM | - | - | - | - | - |
| 1:30 PM | - | - | - | Executive Team | - |
| 2:00 PM | - | - | - | Executive Team | - |
| 2:30 PM | - | - | - | - | - |
| 3:00 PM | - | - | - | - | - |
| 3:30 PM | - | - | - | - | Chapter Team |
| 4:00 PM | - | - | - | - | Chapter Team |
| 4:30 PM | - | - | - | - | - |
| 5:00 PM | - | Executive Team | Events Team | - | - |
| 5:30 PM | - | Executive Team | Events Team | - | - |
| 6:00 PM | - | - | - | - | - |

Information Sheet - Winter 2024

Tau Beta Pi MI-G

Important Dates

| Month | Date | Event | Time | Location |
|----------|----------------|---------------------|----------------|------------|
| January | 23 | First General | 6:30 pm | 2505 GGBL |
| | Jan 31 - Feb 2 | Interviews | By Appointment | 1120 Dude* |
| February | 6 | Second General | 6:30 pm | 2505 GGBL |
| | 13 | New Initiatives I | 6:30 pm | 1017 Dow |
| March | 5 | Third General | 6:30 pm | 2505 GGBL |
| | 12 | New Initiatives II | 6:30 pm | 1017 Dow |
| | 19 | Fourth General | 6:30 pm | 2505 GGBL |
| April | 2 | New Initiatives III | 6:30pm | 1017 Dow |
| | 9 | Elections | 6:30 pm | 2505 GGBL |
| | 16** | Fifth General | 6:30 pm | 2505 GGBL |
| | 20 | Initiation | 3:00 pm | 1500 EECS |
| | 20 | Banquet | 6:00 pm | TBD |
| | 23 | Alt Initiation | 7:00 pm | Zoom |

* Interviews will take place in the Duderstadt conference rooms 1120B and 1120D

** Deadline to complete all electee requirements

Officers

Executive Committee

| Position | Name | Handle |
|---------------------------------|---------------------------|---------------------------|
| President | Kevin Masel | tbp.president |
| Vice President | Karen Jin | tbp.vicepresident |
| Graduate Student Vice President | Aditya Vasudevan | tbp.gradvicepresident |
| Secretary | Namit Padgaonkar | tbp.secretary |
| Treasurer | Alexander Li | tbp.treasurer |
| External Vice President | Vance Kreider | tbp.externalvicepresident |
| External Vice President | Ibrahim Musaddequr Rahman | tbp.externalvicepresident |

Events Team

| Position | Name | Handle |
|----------------------------------|----------------|--------------------|
| Service Coordinator | Drew Boughton | tbp.service |
| Campus Outreach Officer | Hunter Muench | tbp.campusoutreach |
| Activities Officer | Paco Haas | tbp.activities |
| Professional Development Officer | Maggie Robbins | tbp-corporate |
| K-12 Outreach Officer | Jacob Miller | tbp.k12outreach |
| K-12 Outreach Officer | Dylan Stone | tbp.k12outreach |

Chapter Team

| Position | Name | Handle |
|-----------------------------|-----------------|------------------------|
| Chapter Development Officer | Advika Jhingran | tbp.chapterdevelopment |
| Membership Officer | Mitra Mokhlesi | tbp.membership |
| Publicity Officer | Grace Yoon | tbp.publicity |
| Historian | Jacob Ziff | tbp.historian |

Advisors

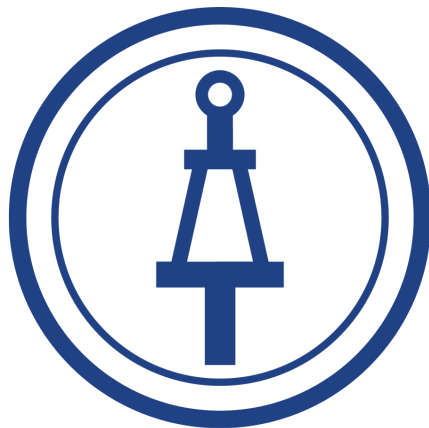
| Name | Department | Handle | Role |
|------------------|------------|-----------|----------------------|
| Leland Pierce | EECS | lep | Faculty Advisor |
| Kyle Lady | EECS | kylelady | Chief Advisor |
| David Martel | BME | damartel | Alumnus Advisor |
| Pritpaul Mahal | EECS | pritspaul | Alumnus Advisor |
| Ranadeep Mitra | CS | ranadeep | Alumnus Advisor |
| Michael Benson | EECS | mlbenson | Grad Student Advisor |
| Kate Giammalvo | CEE | kgiamm | Grad Student Advisor |
| Zachary Goldston | CS | zwgold | Grad Student Advisor |
| Ansh Patel | IOE | anshp | Grad Student Advisor |

General Information

TBP Office (Bullpen)
1226 EECS

Email
tbp.officers@umich.edu

Website
tbp.engin.umich.edu



Tau Beta Pi
The Engineering Honor Society



Tau Beta Pi
The Engineering Honor Society

Electee Requirements - Winter 2024

Tau Beta Pi MI-G

The following is a list of the requirements to join Tau Beta Pi MI-G

I. REQUIRED MEETINGS

If you cannot attend a meeting, first email the Vice President at tbp.vicepresident@umich.edu. Be sure to look over a copy of the meeting's agenda at For Members → Access History → Meeting Minutes on the website. You must then make up the meeting with one extra hour of service or one extra social event, approved by the Vice President. Elections can only be made up with a service hour. All meetings (except Initiation/Banquet) will begin at 6:30pm. See Information Page for locations.

- i. First General - January 23rd
- ii. Second General - February 6th
- iii. Third General - March 5th
- iv. Fourth General - March 19th
- v. Elections - April 9th
- vi. Fifth General - April 16th
- vii. Initiation & Banquet - April 20th

II. 16 SERVICE HOURS

We recommend you complete at least 4 hours by Second Actives (February 20th) and you are required to complete 8 hours by Third Actives (March 26th). A portion of your 16 hours will come from the following mandatory events. You may do a maximum of 5 independent hours of service (hours not associated with Tau Beta Pi) provided you show adequate proof of your involvement, and that the hours do not count for another society.

Signing up for a service project is a commitment to attend; you must un-sign up at least 24 hours in advance or you will have to complete an extra hour of service projects.

i. Volunteer for one hour of TBP tutoring.

Our tutoring service pairs students interested in receiving tutoring (mainly for intro-level classes) with qualified TBP tutors. TBP tutors will meet with the student several times throughout the semester and receive service hour credit for the hours they have spent tutoring as verified by the student. Tutoring sign-ups are due before New Initiatives II (March 12th), but you do not have to complete them by this date! We also provide group tutoring in collaboration with other organizations where students can come and go freely, which also counts as tutoring hours.

ii. Participate in at least 4 hours of K-12 Outreach service events.

Each electee must participate in at least one approved K-12 Outreach event for a minimum of 4 hours. Any hours over this requirement will count towards your remaining service hours. The following events can count to fill this requirement:

- i. **MindSETs:** February 11, February 18, April 7
- ii. **Cub Scouts Day:** March 17
- iii. **Merit Badge Days:** March 31, April 13
- iv. **Engineering Day:** March 9

****In order to volunteer at any of the K-12 events, you must turn in a university background check form and complete the Boy Scouts of America Youth Protection Training at tbpimg.org/lypt. See the page titled "Forms for Working with Minors - Winter 2024" for details on the forms due **February 6th**.*

III. 2 SOCIAL EVENTS

Social events include game nights, movie nights, TG's, IM sports, intersociety events, etc. One of these activities should be completed by Third Actives (March 26th).

IV. 2 PROFESSIONAL DEVELOPMENT EVENTS

Professional development events include things such as corporate information sessions, resume reviews, professional headshots, or mock interviews.

V. ELECTEE TEAM ACTIVITIES

You must attend at least three Electee Team activities with at least half of your Electee Team present. One of the three activities must occur with at least half of another electee group present. See vice president if unable to attend three electee team meetings.

VI. CHARACTER EVALUATION

You must complete an Electee Interview Questionnaire regarding exemplary character and submit your answers, along with a copy of your resume, to the website by **Monday, January 29th at 11:59 pm**. The interview questionnaire can be found under Electee Resources on the website (tbp.engin.umich.edu). Your resume should be submitted to your website profile. Interviews last about 25 minutes and starts no later than 5 minutes after start time, which will require a total commitment of 30 minutes. Interviews will take place in person in the Duderstadt Connector rooms 1120B and 1120D on January 31st-February 2nd and dress code is business casual. **Sign up for your interview on the website (tbp.org/interviews).**

VII. MENTORSHIP PROGRAM - "TBPALS"

You must participate in the chapter mentorship program over the course of the semester. The goal of this program is to help develop connections with active TBP members and electees, provide insight into the electing process, and offer academic and career guidance as well as fostering connections by forming groups of 3-4 members who meet over the course of the semester. You will be contacted soon via email with more information.

VIII. PAPERWORK

All paperwork should be turned in by Fifth General (April 16th) at the TBP Office (1226 EECS), at meetings, or directly to the Vice President via email or Slack.

i. 6 Casual Peer Interviews

The interviews are to get to know your fellow members in Tau Beta Pi a little better. These interviews should be casual. At least two of the people interviewed must be active members. Think of 6 creative questions to ask members — no mundane questions will be accepted ("What is your favorite color?"). Please record the responses of your interviewees on paper or in a Google or Word document. No e-mail interviews are allowed. If possible, please have your interview subject sign the sheet afterwards. The first electee team meeting is dedicated to completing your peer interviews!

ii. Electee Exam

The electee exam tests your knowledge of the history of TBP and our chapter. It is not meant to be stressful. We encourage you to work on it together and drop by office hours to ask officers for answers! Please don't ask for answers via e-mail — we want to get to know you!

IX. ONE-TIME MEMBERSHIP FEE OF \$100.

A one-time fee to be a member of Tau Beta Pi, which pays for electee supplies, the banquet, your bent, your certificate, your lifetime membership, etc. given to the Treasurer, Alexander Li. Checks should be made out to Tau Beta Pi. Cash is also accepted. **This is also due by Fifth General (April 16th).** You will receive more information about how to pay dues via email later in the semester. **If this fee poses a significant financial burden, please reach out to the Vice President for more information about a fee waiver as soon as possible.**



Character Evaluation - Winter 2024

Tau Beta Pi MI-G

Exemplary character is one of the requisites for membership in Tau Beta Pi. In addition to being active members of the engineering community, Tau Beta Pi members must meet the **highest standards of moral character**. Our chapter will assess your character through written essays and an interview.

Electee Interview Questionnaire:

The first component of the character assessment in Tau Beta Pi is the Electee Interview Questionnaire. You will be required to complete the questionnaire with three fun questions, three short answer questions, and one essay question. The questionnaire can be found under Members → Electee Resources and submitted to the website, while your résumé should be submitted to your website profile. Submit your **questionnaire responses and résumé** by **Monday, January 29th at 11:59 pm**.

Some of the short answer questions will provide you with the opportunity to share a part of your personality with us. Others will ask for your opinion on topics related to academic integrity. While some may not directly relate to your character, these questions will allow us to better understand you and your thinking.

As an organization that stresses the importance of exemplary character in our members, the essay is a **crucial** part of character assessment. This (one page) essay is a rather open-ended assignment, and we encourage you to get creative with your description. Nevertheless, exemplary character is not an arbitrary concept, and we are looking for specific evidence that you know what this important quality means. Tau Beta Pi members should meet the highest standard of moral character. The quotes on the following page may help inspire you on the subject of exemplary character, but don't limit yourself to those ideas.

The questionnaire can be found and completed under **Members** → **Electee Resources at tbp.engin.umich.edu**. Be ready to discuss your answers during your interview.

Interviews:

The interview is the most important part of character assessment. Interviews will be held in-person on **January 31 to February 2** in the Duderstadt, 1120B and 1120D. You must sign up for an interview slot. The interview will take 30 minutes, and you will be interviewed by one or two of our Active members. Dress is business casual. Electees can be denied membership on the basis of a negative interview, so take the process seriously. Don't stress too much about this, though, because it rarely happens. Interviewers will review the résumé and the answers to the Electee Interview Questionnaire you submitted by **Monday, January 29th at 11:59 pm**.

Interview Dates: **January 31 to February 2**

Location: **Duderstadt Center Rooms 1120B and 1120D**

Requirements: **Dress is business casual**

Submit your questionnaire answers under Members → Electee Resources at **tbp.org/questionnaire**

and your résumé to your website profile by **Monday, January 29th at 11:59 pm**.

If you have any questions or scheduling issues, please contact the Vice President (tbp.vicepresident@umich.edu).

Quotes about Character

"But rules cannot substitute for character."

– Alan Greenspan, former chairman of the U.S. Federal Reserve Board (b. 1926)

"Character, not circumstance, makes the person."

– Booker T. Washington, American educator and civil rights activist (1856-1915)

"Character is like a tree and reputation like its shadow. The shadow is what we think of it; the tree is the real thing."

– Abraham Lincoln, 16th U.S. president (1809-1865)

"One can acquire everything in solitude - except character."

– Henri Stendahl, French novelist (1783-1842)

"It is with trifles, and when he is off guard, that a man best reveals his character."

– Arthur Schopenhauer, German philosopher (1788-1860)

"Weakness of attitude becomes weakness of character."

– Albert Einstein, Swiss-American mathematician and physicist (1879-1955)

"Character cannot be developed in ease and quiet. Only through experience of trial and suffering can the soul be strengthened, vision cleared, ambition inspired, and success achieved."

– Helen Keller, American author, activist and lecturer (1880-1968)

"When the character of a man is not clear to you, look at his friends."

– Japanese Proverb

"The right way is not always the popular and easy way. Standing for right when it is unpopular is a true test of moral character."

– Margaret Chase Smith, American Senator (1897-1995)

"The best index to a person's character is (a) how he treats people who can't do him any good, and (b) how he treats people who can't fight back."

– Abigail Van Buren, American columnist (1918-2013)

6. With what other organization did TBP merge in 1974, and why?

7. What is the original Tau Beta Pi yell?

8. What is the revised yell?

9. Create a Michigan Gamma yell. (Make a remix with the same format!)

10. Which founding (charter) member of Michigan Gamma has a North Campus building named after him?

11. Where are the 3 brass bents (permanently mounted) located throughout campus?
EXTRA CREDIT: Where is the fourth?

12. List the national requirements to be considered for TBP membership as an undergraduate.

13. List the ideals of Tau Beta Pi Honor Society as stated in the preamble of our constitution.

14. What is the symbol of the TBP motto?

15. What are TBP's colors?

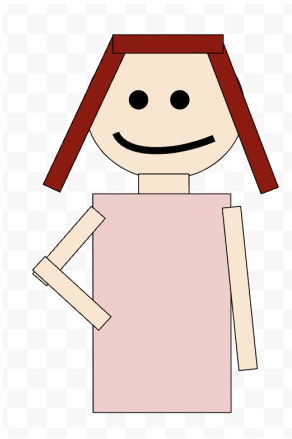
OFFICER/ADVISOR QUESTIONS

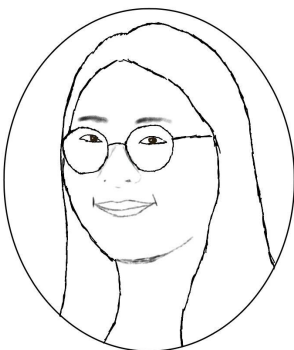
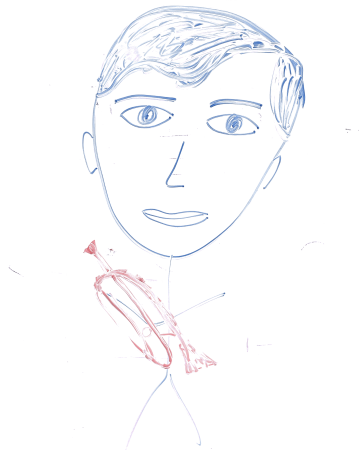
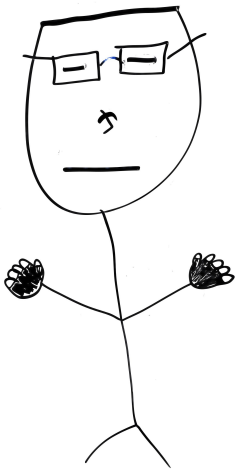
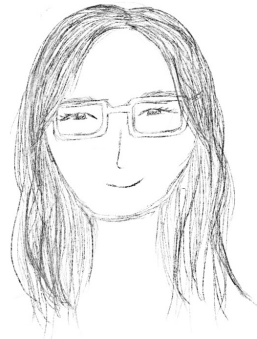
Below are some interesting facts about the officers and advisors of Michigan Gamma posed as questions.

20. Which officer/advisor is scuba certified?
21. Which officer/advisor went to Japan over winter break?
22. Which officer/advisor carries a recorder with them?
23. Which officer/advisor loves technical death metal?
24. Which officer/advisor is certified to handle lab mice?
25. Which officer/advisor has spent hundreds of hours making a comprehensive family tree?
26. Which officer/advisor accidentally made themselves lactose intolerant?
27. Which officer/advisor has been pulled over on a bike but not in a car?
28. Which officer/advisor has a black belt in taekwondo?
29. Which officer/advisor is a dual citizen of the US and Canada?
30. Which officer/advisor speaks 4 languages? (Hint: there are two!)
31. Which officer/advisor is an active high school soccer referee?
32. Which officer/advisor once made a round trip drive from Ann Arbor to Chicago between the hours of 4 PM and 4:30 AM the next morning?
33. Which officer/advisor best time on Minesweeper's Expert mode is 67?
34. Which officer/advisor has a fear of bunk beds?
35. Which officer/advisor enjoys gardening?
36. Which officer/advisor has gone skydiving?

37. Which officer/advisor's high school was built on the land where a big cult used to be?
38. Which officer/advisor recently published a paper on swarm robotics?
39. Which officer/advisor owns a \$40,000 quilting machine despite not knowing how to quilt or sew?
40. Which officer/advisor revealed their GPA to a crowd of 1000+ people when asked at a comedy show?
41. Which officer/advisor plays drums?
42. Which officer/advisor rarely drinks anything besides water?
43. Which officer/advisor built a 1:1 scale replica of the Hungarian Parliament Building in survival Minecraft?
44. Which officer/advisor has canoed across the Canadian border?
45. Which officer/advisor's favorite Harry Potter book is the Half-Blood Prince?
46. Which officer/advisor tried to force themselves to be ambidextrous in elementary school? (It didn't work)
47. Which officer/advisor is a member of Eta Sigma Phi?
48. Which officer/advisor has been to Argentina 4 times?

49. Who's who? Guess the officer/advisor as drawn by fellow officers/advisors.





BULLPEN QUESTIONS (1226 EECS)

- 50. Where is the Michigan Gamma office and have you been there?
If you answered "no," go there right now

- 51. What is SWE's motto? (bonus points if you write it how it's displayed on their sign in the bullpen)

- 52. Who was the TBP President when you were born?

- 53. Which US president congratulated MI-Gamma on the 100th anniversary of our founding?

- 54. Our office cabinet has pictures of the bents from what colleges?

- 55. What org's office is directly adjacent to the TBP office?

FUN BONUS PROBLEMS

56. Write the 3 letters that should come next in this series:

B A A C E E D I I E M M F _ _ _

57. What should the seventh line in this pyramid be?

1
11
21
1211
111221
312211

58. What is the next symbol in the sequence?



ADDITIONAL BONUS

59. To the optimist, the glass is half full.

To the pessimist, the glass is half empty.

To the engineer, the glass is _____.

60. What do you get if you cross a grape with an elephant?

61. How many times can you fold an 8.5" by 11" piece of paper in half?

62. What do you call a Local Area Network in Australia?

63. Fill in the blank: "I take 10 steps with a _____ left vision / Study the disorders we've absorbed inside the village"

64. Fill in the blank: "Obviously dead _____, and spent every red cent / To rule you, and still drop more jewels than schools do / Or even TV news that's designed to fool you"

65. Fill in the blank: "When I consider how my light is spent / E're half my days, in this dark world and wide, / And that one Talent which is death to hide / Lodg'd with me useless, though my Soul more _____"

66. A man has a barrel with filled with oil that weighs 100 pounds, and then he puts something into it. Now the barrel weighs less than 100 pounds. What did he put in the barrel?



Tau Beta Pi
The Engineering Honor Society

Forms for Working with Minors - Winter 2024

Tau Beta Pi MI-G

The University of Michigan, Ann Arbor Public Schools, and the Boy Scouts of America require anyone volunteering with children to complete background checks. This means that in order for anyone to volunteer and interact in any way with youth at TBP Events, they must complete a background check form. **Before you can complete the background check, you need to opt-in to the process by filling out the background check opt-in form (tbpmig.org/opt-in). Please do this as soon as you can.** After you do, the K-12 officers will submit your name to receive a background check, and in the days after, you will receive an email from a third-party (GIS) to complete a background check form (check your spam). **You must submit a screenshot of the end of the survey by February 6th (Second General) in order to volunteer with youth at MindSET, Cub Scouts Day, Merit Badge Day, or Engineering Day. You will not receive a confirmation email unless something is flagged.** If you are unable or unwilling to complete the form and submit the background check, your participation at K-12 events will be limited to roles that ensure non-interaction with youth.

The University of Michigan requires that all individuals volunteering with minors also complete training. To fulfill this training requirement, Tau Beta Pi is requiring members to complete Youth Protection Training, offered through the Boy Scouts of America. It takes around an hour to complete and can be found at tbpmig.org/ypt. You will need to create an account before proceeding to take the training online, and after completing online training, you must save your certificate as a PDF document and send it to the K-12 officers.

Submit the screenshot of the background check and the YPT certification at tbpmig.org/ypt-confirm. If you have any questions about the background check or training, or if you do not wish to complete the background check, please contact the K-12 officers, Jacob and Dylan (tbp.k12outreach@umich.edu).

To summarize, please complete the following by 2nd Gen (February 6th):

1. University background check opt-in AND follow-up third-party form.
2. Boys Scouts of America Youth Protection Training (YPT) at tbpmig.org/ypt. Submit the certificate that will be emailed to you to tbpmig.org/ypt-confirm.

*If you miss any of these deadlines but wish to participate in events involving youth, you may contact the K-12 Officers to check if there is enough time to complete the background check prior to the event.



Tau Beta Pi
The Engineering Honor Society

Service Project Descriptions - Winter 2024

Tau Beta Pi MI-G

The following projects and descriptions are examples of some of the service projects that our chapter has carried out in the past. The complete list of service projects that will be done this semester is uncertain due to the constantly evolving opportunities our members discover. However, this list should give you a good sense of the different types of service projects that we undertake. If you see an event you'd like to participate in that hasn't been scheduled, you may also take the lead on it yourself. This semester is a great time to have creative ideas and take advantage of TBP resources for service events. Also, if we have a large amount of electees and general motivation to do larger scale community service, we have a community outreach plan set up that consists of a lot of groundwork/direct interaction with the Michigan/Ann Arbor community. If you are interested in any of this please contact Drew Boughton (tbp.service@umich.edu); it is never too early to start getting involved in leadership. Note that the list below is only a taste of the service projects we have carried out.

Ann Arbor Natural Area Preservation Stewardship Workdays: Ann Arbor Natural Area Preservation (NAP) is a section of the Ann Arbor Government that specializes in the preservation of public parks and nature reserves. NAP hosts weekend Stewardship Workdays that welcome groups of volunteers to help remove invasive plant species to preserve biodiversity.

Ann Arbor Probility Marathon: TBP has had the opportunity to volunteer with set-up and awards for the large Ann Arbor Probility Marathon.

Cub Scouts Day: Cub Scouts Engineering Day is a TBP-organized event for local Cub Scouts troops to receive their engineering badges. Activities include bridge building, egg drop, circuits, and floor plan. Volunteers are needed to help run these stations and to lead groups of Cub Scouts through the stations.

FIRST Robotics with FAMNM: TBP, in association with the FIRST Alumni and Mentors Network at Michigan (FAMNM), has become involved with volunteering for local FIRST robotics competitions.

Hands-On Musuem: The Ann Arbor Hands-On Museum aims to inspire people to discover the wonder of STEM. Have fun with kids while learning cool science facts! Past events include helping children make their own microbes, exploring unique musical instruments, and celebrating DNA day.

Kiwanis Thrift Sale: Kiwanis Thrift Sale is one of the largest thrift sales in Ann Arbor and is run completely by volunteers. They are always looking for more help with sorting, transporting, and the sale of donated goods.

KnitWits: KnitWits helps the less fortunate during the cold winters by creating warm clothes from donated material. We tie together scraps of fleece to make blankets, hats, and scarves for the homeless here in Ann Arbor. No experience is necessary; instructions and materials all provided!

Maize & Blue Cupboard North Campus Food Distribution: Maize & Blue Cupboard is a free food pantry located on Central Campus that holds bi-weekly North Campus distribution events. The goal of these events is to supply students on North Campus with fresh produce and combat food insecurity.

University of Michigan Science Olympiad: University of Michigan Science Olympiad (UMSO) provides an excellent opportunity for both middle school and high school science olympiad teams to compete in a variety of STEM activities. TBP has provided dozens of volunteers to help grade and supervise events.

Zooniverse: Zooniverse is a completely virtual service opportunity that sees volunteers classifying elements for large-scale data sets. Topics include cosmology, biology, history, and many more!