
Alumni Newsletter

Volume 13, Issue 2

April 30, 2023



Tau Beta Pi
The Engineering Honor Society

Letter From the Historian

Greetings Alumni of Tau Beta Pi!

It is great to connect with you once again! Looking back from this semester, a lot has been done in Michigan Gamma. I hope you can remain connected with the chapter through this newsletter.

Moving forward with the semester, we have continued to have a great display of community service by our members. This has included new events like volunteering for FIRST Robotics and the Huron Valley Humane Society, continuing great events like Merit Badge Day and Cub Scouts Day, as well as NROTC tutoring, Knitwits, MindSET, NAP Stewardship, and more volunteering for UM Science Olympiad!

Overall, this has been a very successful semester for Tau Beta Pi, and we are looking forward to what can be done in semesters to come!

Alex de la Iglesia
Historian

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Letter From the President

Dear Alumni of Tau Beta Pi,

As the Winter 2023 semester comes to a close, I am proud to report that the Michigan Gamma chapter of TBP has experienced tremendous growth and success over the past few months. I am excited to share with you some of the initiatives and accomplishments that defined a semester to remember.

One of the most significant events in the later part of this semester was our attendance at the District 7 conference, hosted by the MI-E chapter at Wayne State University in Detroit, where MI-G brought the largest delegation of any chapter in the district with an impressive 14 attendees proudly representing the chapter. We had the opportunity to connect with members of the national organization throughout the day, including participating in mentoring programs with leaders from across the district. Our delegation also engaged in strategic planning for member recruitment and retention, both providing advice from our experience to growing chapters and hearing new ideas which introduced a helpful perspective to guide our future initiatives. We had the pleasure of attending an in-person Engineering Futures session after the conference, which was an excellent opportunity for our members to develop communication skills while networking with other chapters in the district; this event went so well that we have already begun planning to invite the facilitator with whom we built a connection at the conference to Ann Arbor for a return to an in-person Engineering Futures program on campus next semester.

Another exciting development this semester was our successful utilization of the MI-G service endowment for some of our largest projects. Through purchases of radios to improve communication among volunteers for all of our events and supplies for Knitwits, a marquee service event that accounts for a substantial amount of our service budget each semester, we have become much smarter about how we allocate our funds for service events this semester. Looking towards the future, we are anticipating more excellent uses of the service endowment next semester and beyond, especially with respect to expanding our K-12 events to and past the scale we achieved before 2020. By harnessing the power of our service endowment and learning how to use it to its full potential, our chapter, our events, and our impact on the local community will only continue to grow.

Our semesterly banquet was a great success as well to cap off the semester, honoring the exceptionally high number of outstanding contributors to the chapter. We recognized and celebrated 40 Distinguished Actives, 20 of whom were Prestigious Actives, both highs for recent years that showcase an extraordinary level of commitment from the active members of the chapter. The number of project leaders and chairs also increased compared to past semesters, confirming that there truly has never been a better time to get involved with leadership in our chapter. In addition to the presentation of awards, attendees of the banquet were also rewarded with an exciting competition: teams participated in a test of their marine engineering abilities by designing, building, and racing mini boats in a memorable design challenge.

Overall, the MI-G chapter has accomplished a remarkable semester like very few others before it, and this was entirely thanks to the dedication and hard work of our members. We are excited to continue our momentum into the summer and look forward to sharing more updates with you soon in the Fall.

Thank you for your ongoing support of the Michigan Gamma chapter of Tau Beta Pi. It has been an honor serving as your President over the past few months, and I eagerly look forward to seeing where the future leaders of this chapter take it from here.

Gratefully yours,

Riley Garliauskas
Winter 2023 President, TBP MI-G

Honors Brunch Award Ceremony

Dear Alumni,

On March 19th, Tau Beta Pi - Michigan Gamma hosted the annual Student Leaders & Honors Awards Brunch for the College of Engineering. The Honors Brunch brings together the best and brightest engineers at the University of Michigan who demonstrate outstanding academic achievement and leadership within the college. Recognizing the truly inspiring student accomplishments supports Tau Beta Pi's mission of "Integrity and Excellence in Engineering."

Each student who is selected for a College of Engineering Leaders & Honors Award is invited to the brunch to celebrate with their peers. The award winners are chosen by an Honors Committee from a pool of finalists from each engineering department. This committee consists of one undergraduate student, one graduate student, and one faculty member within the College of Engineering.

This year showcased brilliant students ranging from motivated freshmen making an impact in the community to established graduate students finishing groundbreaking research in their doctoral program. Several members of Michigan Gamma were also recognized for their accomplishments. Riley Garliauskas and Jacob Miller received the Thomas S. Rice Award for their outstanding leadership and service within the Michigan Gamma chapter. Ibrahim Musaddequr Rahman received the Cooley Writing Prize in the *Essay Division* for promoting higher education in engineering. Finally, David T. Martel Ph.D. received the Most Outstanding Student Organization Advisor Award for his devoted contributions as an advisor to the Michigan Gamma chapter.

The 2023 edition of the Student Leaders & Honors Brunch was a huge success. We enjoyed the opportunity to recognize and meet some of the most inspirational students within the university. We want to give huge thanks to all of the volunteers who helped select the award finalists as well as run the brunch event. In addition, we would like to thank April Hays from the Office of Student Affairs for all of her hard work behind the scenes. Their contributions are what make large scale events possible and we truly appreciate all of their help.

If you are interested in learning more about the Honors Brunch or possibly attending in the future, please reach out to tbp.externalvicepresident@umich.edu.

Sincerely,

Colin Davidson and Kevin Masel
2023 TBP MI-G External Vice Presidents



Merit Badge Day Recap

Dear Alumni,

We hosted our latest edition of Merit Badge Day on Saturday March 25th. As always we worked to provide a unique opportunity for scouts to earn 4 STEM based merit badges in just 1 day. This semester we covered Engineering, Programming, Digital Technology, and Electronics Merit Badges. While this event is on the smaller side, we take that opportunity to really connect with the scouts and make sure they are really learning all the engineering has to offer.

The last couple semesters we've seen a flood of interest in this event. As such, we've begun the transition to increase the size of the event, with the goal of one day possibly hosting multiple events each semester. For now we are slowly expanding the event, moving from 10 scouts last semester to 12 scouts this semester, with the plan to host 18 scouts next semester. We are taking this change slowly to ensure it doesn't affect the quality of our amazing event.

Overall, we got extremely positive feedback from the parents at the conclusion of the event showing that we continue to deliver a high quality introduction to the essential elements of STEM. Parents replied to our followup email how their scouts wouldn't stop talking about everything they learned on the ride home.

We are now starting to look forward to next semester's event, and working on expanding on the exciting array of activities. If you are interested in learning more, please reach out to tbp.meritbadge@umich.edu

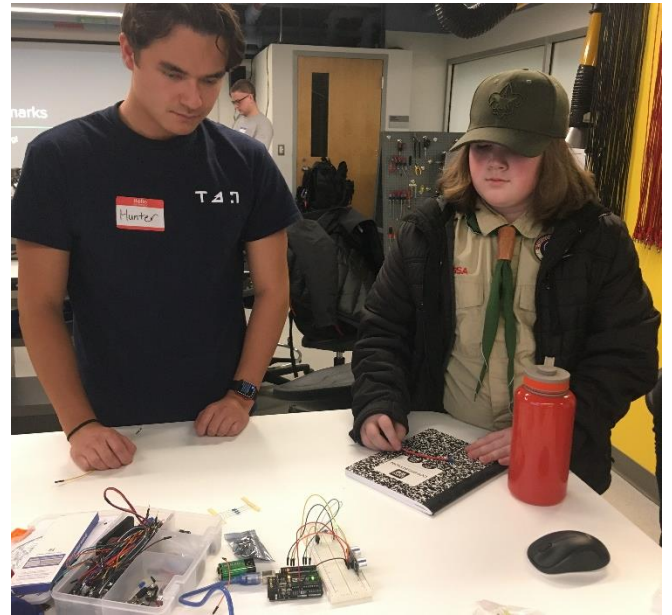
Sincerely,

The Merit Badge Day Team

Jacob V. Miller
Yash Cheriviala
Ibrahim Rahman
Hunter Muench
David T. Martel PhD



Merit Badge Day



Cub Scouts Day Recap

Dear Alumni,

On March 19th, 2023, Michigan Gamma hosted a signature event, the Winter 2023 Cub Scouts Day. Cub Scouts Day brings together local Cub Scouts to foster a hands-on learning environment through several activities designed to teach communication, collaboration, and analytical thinking.

Cub Scouts Day has an exceptional history within the Chapter, inspiring youth to pursue the E in STEM. Continuing the tradition of excellence, we ran several exciting modules: Bridges, Catapults, Circuits, and everyone's favorite, the Egg Drop! Each module incorporates a small competition, testing who can: build the strongest bridge, launch the farthest projectile, design the most creative circuit, or survive the several-story egg drop. While working collaboratively in small groups with University of Michigan engineering students, Scouts learned core engineering principles, the value of teamwork, and how to have fun!

With 24 Scouts in attendance, we personalized the experience for everyone. Scouters, who thoroughly enjoyed participating, provided overwhelmingly positive feedback with actionable commentary on how to improve the event. Moreover, our volunteers worked tirelessly throughout each activity and promoted a great learning environment. Thank you to all of our volunteers; we could not have done this without you!

With an eye towards continual improvement, we also changed several aspects of the event. Normally, we request feedback from parents on which modules they liked the most. This semester, to better understand the strengths and weaknesses of each activity, we further solicited feedback from Scouts on their favorite aspects of the modules. We seek to update our program with this feedback in mind.

Further, we enhanced our media collection efforts. To capture the spectacle of Egg Drop to its fullest extent, we dropped a GoPro, inside a lander made from a kit used by the Scouts, and captured live footage from the flight point of view. We hope to expand upon cool opportunities like these in the future!

We are excited to host the Fall 2023 Cub Scouts Day on November 19th, 2023. If you are interested in learning more, please reach out to cubscoutsday@umich.edu.

Sincerely,

The Cub Scouts Day Team

Colin Davidson
Riley Garliauskas
Drew Boughton
Jacob V. Miller
David T. Martel, Ph.D.

Cub Scouts Day



Prestigious Actives

David T. Martel, Ph.D. (23, 16)
Yaswanth Cherivirala (5, 4)
Daniel Falvo (5, 3)
Jacob V. Miller (5, 3)
Riley Garliauskas (4, 3)
Ben King (3, 3)
Drew Boughton (4, 2)

Colin Davidson (3, 2)
Kevin Masel (3, 2)
Ansh Patel (2, 2)
Arjun Sundararajan (6, 1)
Denise Schlautman (4, 1)
Alex de la Iglesia (1, 1)
Karen Jin (1, 1)

Alexander Kalams (1, 1)
Alexander Li (1, 1)
Mitra Mokhlesi (1, 1)
Hunter Muench (1, 1)
Ibrahim Rahman (1, 1)
Amy Liu (1, 1)*

Distinguished Actives

Brittany Rupp (7, 6)
Zahraa Bazzi (4)
Hrishikesh Danawe (3, 1)
Chirag Bangera (2)
Ayan Majumder (2)
Kanishka Panda (2)
Tony Zheng (2)

Harkirat Arora (1)
Jessica Dillon (1)
Advika Jhingran (1)
Vance Kreider (1)
Daniel Pert (1)
Ishaan Shetye (1)
Sirawit Shimpalee (1)

Anjali Sivakumar (1)
Yicheng Tang (1)
Andrew Zaloudek (1)
Abigail Ahn (1)*
Samuel Hocher (1)*
Namit Padgaonkar (1)*

Project Leaders

Mojtaba Abdolmaleki
Harkirat Arora
Chirag Bangera
Yaswanth Cherivirala
Hrishikesh Danawe
Jessica Dillon
Varun Goyal
Samuel Hocher

Vance Kreider
Matthew Kukucka
Ayan Majumder
David T. Martel, PhD
Jacob V. Miller
Abigail Overbeck
Kanishka Panda

Daniel Pert
Jed Pienkny
Ibrahim Rahman
Brittany Rupp
Anjali Sivakumar
Arjun Sundararajan
Andrew Zaloudek

Banquet Chairs

Colin Davidson
Riley Garliauskas
Ben King
David T. Martel, Ph.D.
Kevin Masel
Jacob V. Miller
Mitra Mokhlesi
Hunter Muench
Ansh Patel

Merit Badge Day Chairs

Yash Cherivirala
David T. Martel, Ph.D.
Jacob V. Miller
Hunter Muench
Ibrahim Rahman

Professional Development

Arjun Sundararajan
Andrew Zaloudek

Website

Alex de la Iglesia
Hunter Muench

Grad Student Activities

Yash Cherivirala

Campus Outreach

Arjun Sundararajan

*electee that achieved DA/PA!

Welcome the Fall 2023 Officer Corps!

Executive Team

President: Ansh Patel

Vice President: Karen Jin

Graduate Vice President: Jacob Miller

External Vice Presidents: Colin Davidson and Kevin Masel

Secretary: Namit Padgaonkar

Treasurer: Mitra Mokhlesi

Events Team

Service Coordinator: Drew Boughton

Activities Officer: Alex Kalams

Professional Development: Andrew Zaloudek

Campus Outreach Officer: Vance Kreider

K-12 Officers: Yicheng Tang

Chapter Team

Chapter Development Officer: Advika Jhingran

Membership Officer: Alex Li

Publicity Officer: Hunter Muench

Historian: Tony Zheng

Advisors

Kyle Lady, David Martel, Michael Benson, Katherine Rose Giammalvo, Ranadeep Mitra, Riley Garliauskas, Pritpaul Mahal, Zachary Goldston



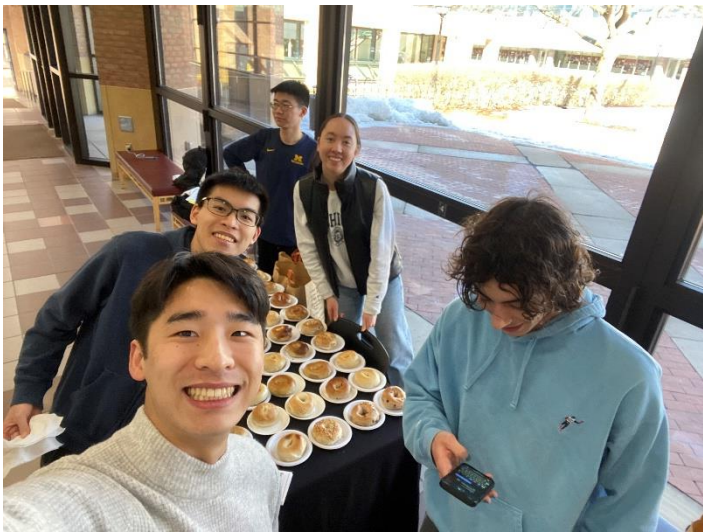
What the chapter has been up to!



D7 Conference



Cantina



Tuesday Breakfast Party



Third General

The Bullpen!



Initiation



Banquet

