



The Cornerstone

Third General

Volume 16, Issue 4

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MI-Gamma

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Today's Guest Speaker: D. David Cantrell

As Assistant Chief Program Engineer, David Cantrell is currently working to deliver future Lincoln products. Previously, as Assistant Chief Program Engineer, Expedition/Navigator, he led the launch of the exciting new 2015 Expedition and Navigator vehicles. Both vehicles are significantly improved throughout, combining fresh interior and exterior redesigns with functional powertrain, suspension and technology improvements.

Cantrell was previously Program Manager, Lincoln CUV/SUV Programs, at the Lincoln Motor Co., where he had global program management responsibility for the Navigator, MKX & MKT vehicle lines, including current and future models. Before this position, Cantrell was the Plant Vehicle Team Manager at Ford's Ohio Assembly Plant and then at Ford's Chicago Assembly Plant, where he oversaw the highly-acclaimed launches of the 2008 Ford E-Series van, 2009 Lincoln MKS sedan, 2010 Ford Taurus sedan, and 2011 Ford Explorer SUV. During this time, Cantrell led continuous quality improvements on these products, which were recognized with multiple J.D. Power IQS & APEAL awards. Prior to this, he spent 16 years and held a number of positions within Ford's Powertrain organization, including an International Service assignment, culminating in responsibility for the complete powertrain from the planning stages through engineering and launch for the 2006 Ford Fusion program, which launched to best-ever quality metrics. Additionally, Cantrell has served as Ford's Lead Recruiter for the University of Michigan since 2005. Cantrell joined Ford Motor Co. in 1989.

Cantrell holds B.S. and M.S. degrees in Mechanical Engineering from the University of Michigan; he holds 4 U.S. patents. He and his family reside in Saline, Michigan. Today he will speak on the topic of Getting (and Keeping) Your Dream Job,

Third General Agenda

tinyurl.com/tbpmig3gf15

Guest Speaker: D. David Cantrell

Announcements :

Events Team

Professional Development
Team

Chapter Team

Executive Team

Schedule

All meetings are at 6:30pm and are in 1013 DOW unless otherwise noted on the calendar.

Third Actives	Nov. 10
Fourth General	Nov. 17
Elections	Dec. 1
Fifth General	Dec. 8
Initiation (4:00pm)	Dec. 12
Banquet (5:30pm)	Dec. 12

Electee Reminders

Undergraduate Electees: Complete by Nov 17th

⚠ 10 Hours of Service

⚠ 1 Social

⚠ 1 Electee Team Meeting

Graduate Electees:

⚠ Advisor Form, Educational Background Form, Interview and Interview Survey should already be complete.

⚠ You should be attending General Meetings, service events, and social events—sign up on the website!



Undergraduate Electees of the Week:

Patrick Tsai

Major: Electrical Engineering

Favorite Kind of Bagel: Poppyseed and Blueberry

TBP Acronym: Truly Baller People

Why he's awesome:

Patrick has over 20 service hours completed to date! He has attended events including Arb Clean-up, Tech Day, and Ronald McDonald House!

From his team leaders:

Patrick really likes pop tarts (fudge and s'mores specifically) and if he could fill a pool with anything it would be... dun dun dun... water. He also rocked dancing as Aladdin in Just Dance at our team meeting.



Kallen Schwark

Major: Biomedical Engineering

Favorite Kind of Bagel:

Cinnamon Crunch bagels.. And he has a lot to say about them

TBP Acronym: Three-Bit Processor

Why he's awesome:

Kallen already has over 17 service hours! He has participated in MindSET and has attended two socials.



Graduate Electees of the Week:

Shrihari Agarwal

Major: Industrial and Operations Engineering

Favorite Kind of Bagel: Garlic

Other Activities: Board Member, Indian Student Association

Why he's awesome:

He has the most service hours of any grad electee, including 9.25 hours at Tech Day.



Subin Zachariah

Major: Automotive Engineering

TBP Acronym: TO BE PRIOTIRIZED

Other Activities: Watching tennis and cricket

Why he's awesome:

He enthusiastically participated in E-rade and contributed to our glorious award-winning float construction.

Michigan Gamma's New House

by Manley Osgood, MI-G 1911

The following article originally appeared in the January, 1912 issue of *The Bent* (Volume VII, Number 1). Note that back then, membership in TBP was restricted to men. In 1936, TBP began recognizing exceptional female engineers with awards, but it was not until 1969 that women began initiating into Tau Beta Pi.

The first movement for a Tau Beta Pi chapter house in Ann Arbor was started in the spring of 1910, when the newly elected men of the 1911 class considered the advisability of trying to get a house for the next school year. Some figures were obtained and estimates of expenses made but nothing was done at that time. At a meeting in June, 1911, however, after a careful investigation, the necessary steps were taken to make possible such a chapter house.

The men of the class of 1912 were the ones who were to benefit most by a chapter house and were, therefore, the ones upon whom most of the work of obtaining one was placed. The fellows who remained in Ann Arbor for the summer session took hold of the matter in fine shape and by the time school opened in the fall the house was ready to move into.

The first thing done was to obtain somebody who would take care of the house and run the table. A contract was signed with a very capable lady, by which she was to rent and furnish a house to accommodate twelve men, and furnish heat, light and telephone for \$100.00 per month. She also agreed to furnish board to about fifteen men for \$3.50 per week, each. The house was found and, as it was satisfactory to the men who were in Ann Arbor, she proceeded to get it in shape for school opening.

Conditions in Ann Arbor are peculiar in that when a room is rented by a student it is supposed to be kept for the entire school year and the student who leaves a room can be held responsible for the amount of its rent during that period. For this reason, preliminary steps were taken for the fall election during the summer and each active member was sent a list of the eligible seniors. A meeting was called for election on Saturday, September 30, all the active members were present and twelve new men were elected. As school did not open until the following Monday, October 2, each of these newly elected men were met by one of the active members as soon as or soon after his arrival in Ann Arbor, told of his election and of the new chapter house and asked to live in the house. In this way ten men were obtained who agreed to room in the house, and they moved in at once, although the initiation was not held for some time.

The plan laid out was to keep these first elections quiet for about two weeks until such a time as a record could be obtained from the Secretary of any men who, having been members of a former class, had remained out of school for a time between their junior and senior years and were now returned and eligible, or of any eligible men who for other reasons had been omitted in the first list of eligibles. Then a supplementary election was to be held and the entire list of those elected made public at the same time. It happened in Ann Arbor this year, as it will quite frequently happen, that no elections were made at the time of the supplementary election.

In the house, three rooms on the lower floor are used for dining room, living room, and den. All are neatly but plainly furnished and comfortable, and the piano in the living room is a source of considerable pleasure to the members. On the second floor are five study rooms and the bath room. Each study room is occupied by two men, and it is in these rooms that all personal property is kept and all studying done. On the third



MEMBERS OF MICHIGAN GAMMA CHAPTER ON PORCH OF NEW CHAPTER HOUSE

floor are two large rooms used for dormitories, each man having his own individual cot. On this floor, in addition, are two smaller rooms, one of them used by one of the fellows for a study room and the other as an addition to the dormitories.

In the dining room, the food is only brought in from the kitchen by a waiter and is served by the fellows sitting at either end of the long table. The fellows take turns in these end positions in order to give all the experience in serving. The quantity and quality of food is considered most important, and is indeed good, but a very satisfactory variety is served, also.

House rules were adopted, the principal one being to regulate the time at which all noise and loud talking shall cease. This gives those who have work to do a chance for quiet.

The chapter continues to hold regular meetings once in two weeks and the fellows are all brought together at least that often. These meetings are usually held in the house, all being present for a six o'clock dinner and the business meeting afterward. These meetings all active members, including those who room and board outside of the house, are expected to attend.

We think the chapter house is a decided success. It brings the fellows together as nothing else could, it furnishes a place for some very enjoyable times, and we feel sure that it has not impaired in any way the quality of work done by the members. The Michigan Gamma chapter is very careful in its selection of men, and picks from the list of those whom scholarship makes eligible only men who come up to all other Tau Beta Pi standards. With such a bunch of fellows and a chapter house in which they may get together, we have great faith in the future.

Michigan Gamma Gives Advice About TBP

Q: What's your favorite thing about TBP that you encourage members to take advantage of?

A: My favorite thing about TBP is our Treasurer, Stephanie. I encourage members to take advantage of our funding—if you want to put on a good and meaningful event, whatever it might be, TBP's got you b\$ck.

-Sara Rusignuolo, Senior in ME

Take advantage of social events! They're really fun, there's free food/refreshments, and they are a fantastic opportunity to meet the amazing people in this organization.

-Jay Mulani, Junior in ECE

My favorite thing about TBP is the plethora of service opportunities. I love singing up for events when I don't have much going on because I feel more involved with the community and it's much more productive than Netflix!

-Maureen Daum, Senior in CSE

Do what you love! Our chapter of TBP is so large, it's easy to find people who love the same things you do. Get involved, and you'll get so much more out of it than you might expect.

-Kelsey Hockstad, Master's Student in ME

I love how early-on you can get involved with leadership. Whether that's being a project leader, an electee team leader, or an officer, there's a lot of options and varying time commitments. It's a great way to stay active in the organization and get to know your peers better.

-Morgan Chencinski, Junior in ChE

Q: What's your favorite way to get service hours?

A: Cub Scouts Day! One of the main reasons I've stayed involved with TBP is because CSD (and TP by extension) allowed me nearly unlimited freedom in running a complicated event, managing hundreds of people and a budget of several hundred dollars, all without being an officer. Plus it's a great way to earn a whole bunch of hours in a single afternoon—possibly along with a leadership credit!

-David Martel, PhD Student in BME

I love doing the outdoorsy service hour projects! They get me involved all around Ann Arbor and I get to enjoy the fall weather while also accomplishing some service hours. They're great events to get to know your fellow Tau Bates too because you can chat while working.

-Morgan Chencinski, Junior in ChE

Tutoring is my favorite way to get service hours because it is relatively simple and it is nice knowing you are helping someone one-on-one with a class they are struggling in (we've all needed someone to help us before).

-Chris Como, Junior in BME

Officer Spotlight:

Hello TBPeople! I'm Sylvia Domanico, your Michigan Gamma President. I'm here to tell you a little about myself, about my position, and about being in a leadership position in our chapter.

I was born and raised in Michigan. I started out my elementary years in Livonia, and then moved to my small cozy hometown, South Lyon, which is about 20 minutes north of north campus. My parents were obviously very happy that I chose to go to UofM. So happy, in fact, that my dad has offered a couple times to have me live at home. But I refused and live in an awesome house on central campus. Being so close to home, they insist that I come home as much as possible, which I don't mind because I still love a home cooked (free) meal.

I am currently pursuing my Master's in Nuclear Engineering and Radiological Sciences and will graduate this coming May. Next year I will (hopefully) have a job working in some nuclear field - probably reactors. Outside of school I enjoy baking, experimenting with Nutella recipes, and topping applesauce with cereal. I also run/work out on a regular basis when I have the time.



This semester I am very busy being President of TBP; but I'm having a blast with it! As President, I am the face of the organization. Besides running meetings and overseeing the officer corps, I answer a lot of emails, serve as the main point of contact between TBP and the college of engineering, and will be representing our chapter at National Convention. It takes a surprising amount of energy and time to oversee all 17 of our officers, but it's fun and very rewarding.

Whenever anyone asks me why they should join TBP, or why I joined, leadership is always a point I bring up. I elected Fall 2013, was historian the next semester, then VP, then chapter development, until this semester where I am now: President. I took my time with different officer positions before becoming President in order to gain a strong grasp on how the chapter works. I encourage anyone interested in

Free Insomnia!

Need a break from studying? Want to get your creative juices flowing? Craving Insomnia?

Wait.... INSOMNIA?

HOW DO I GET FREE INSOMNIA?

Submit an article of at least half a page in length
by ***midnight*** the night before a ***General Body meeting!***

Send articles to thp.historian@umich.edu

If you need ideas, check out all the old Cornerstones here:

<https://thp.engin.umich.edu/publications/cornerstone/>

Articles, puzzles, comics, art, poetry, prose, etc are all welcome.



Sudoku Puzzles

		6		5		4	8	3
	9	8	4	2				
7				8				2
			8		7		6	
	3	4		6		5	9	
6	1		3					8
			2	7				9
9	6				8	7	2	
5		2		1		8		

		9		3		4		8
	6	7	4				5	
5								
1					5		9	
	8	4		9		3		5
			8					
								6
					7	5	1	
3	5	1	6	2		7		

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<http://worksheets.theteacherscorner.net/make-your-own/sudoku/>

Sudoku Solutions

1	2	6	7	5	9	4	8	3
3	9	8	4	2	1	6	7	5
7	4	5	6	8	3	9	1	2
2	5	9	8	4	7	3	6	1
8	3	4	1	6	2	5	9	7
6	1	7	3	9	5	2	4	8
4	8	3	2	7	6	1	5	9
9	6	1	5	3	8	7	2	4
5	7	2	9	1	4	8	3	6

2	1	9	5	3	6	4	7	8
8	6	7	4	1	2	9	5	3
5	4	3	9	7	8	6	2	1
1	3	6	7	4	5	8	9	2
7	8	4	2	9	1	3	6	5
9	2	5	8	6	3	1	4	7
4	7	8	1	5	9	2	3	6
6	9	2	3	8	7	5	1	4
3	5	1	6	2	4	7	8	9

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