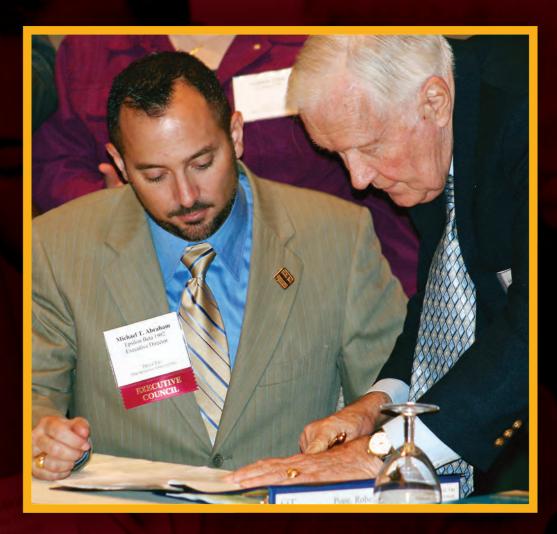
PLUS: National Strategic Planning Meeting Making and Innovating for Others



INCLUDING:

- Inaugural Alumni Cruise
- ► Innovative Team Building ... pg. 8
- ▶ Block Stacking with Engineers ... pg. 10
- ► International Expansion ... pg. 11
- ► Mentoring the Underrepresented ... pg. 13



Abe & Pope

A cornerstone of our organization for **the** past 55 years has been Central Office. Shown are the only **two** brothers to hold the office of Executive Director —**Michael** Abraham, Wayne State University (Epsilon Beta) '92, **left;** and Bob Pope, University of Kansas (Zeta) '52. Without their dedication, leadership and vision we would not be the explosive organization that we are today.



able of Content





Inaugural Alumni Cruise



Building Fraternal Bonds



House Games







THE GEAR OF THETA TAU

Editor-in-Chief David Parker

Contributors

Michael Abraham, Timothy Collins, Amber Jiles, Lindsey Carr, Landon Phemister

Creative Direction & Design Tria Designs, Inc.

EXECUTIVE COUNCIL

Grand Regent J. Matthew Clark Grand Vice-Regent

Jamey Vann Grand Scribe Holly Collins

Grand Treasurer Sagid Elhillali

Grand Marshal

Stuart Kardian Grand Inner Guard Ian Lacy

Grand Outer Guard Ari Gernaat

CENTRAL OFFICE

Executive Director Michael T. Abraham Theta Tau 1011 San Jacinto, Suite 205 Austin, TX 78701 512/472-1904 800/264-1904 512/472-4820 Fax central.office@thetatau.org

www.ThetaTau.org

Volume XCVI, No. 2

The GEAR of Theta Tau is the official publication of Theta Tau Professional Engineering Fraternity and is published in the fall and spring. The magazine is an educational journal devoted to matters of fraternity interest and is sent at no cost to members whose addresses are on record.

Send change of address to: Theta Tau Central Office 1011 San Jacinto, Suite 205 Austin, TX 78701 central.office@thetatau.org

Special third class postage has been paid at Lynchburg, VA.

Cover: iStock / Lorraine Boogich



Franche Regent Regent

Professional Development After Graduation

I continue to be amazed at the opportunities that Theta Tau provides to its members, both as students and as alumni. As students, we learn to speak and act as professionals should, developing our skills within a group of sympathetic listeners. We learn important skills ranging from conflict resolution and presentation techniques to professional dress and good manners—skills not always taught in the classroom. We learn leadership, many times taking an elected office for the first time. We learn accountability to our peers and how to professionally handle disagreements.

Continued
participation in
Theta Tau as an
alumnus member
provides new
opportunities
for professional
development—
many that are not
available
as a student.

At right: Michael Abraham, Wayne State University (Epsilon Beta) '92, left, accepts a plaque, from Grand Regent Matthew Clark, commemorating 25 years of service as Theta Tau's Executive Director. However, we are fortunate that the opportunities for professional development do not stop at graduation. Continued participation in Theta Tau as an alumnus member provides new opportunities for professional development—many that are not available as a student.

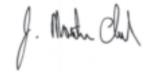
For instance, why not offer to mentor a student or young engineer? Perhaps you could assist in setting up a plant tour or volunteer to be a professional speaker at a chapter event. Do you have management experience? Offer to practice interviewing skills with students. Be a chapter advisor and counsel chapters to make wise decisions. Audit your chapter's books. Serve on a housing corporation board. Donate to the Theta Tau Educational Foundation. Become a national officer and help today's students become tomorrow's fraternity leaders. Serve on the Executive Council and learn how to govern a complex non-profit



Matthew Clark
Mississippi State
(Kappa Beta) '99
GRAND REGENT

organization. Trust that your own personal development with Theta Tau doesn't stop at graduation, but has just evolved into other areas.

Theta Tau provides lifelong opportunities for professional development. Don't let graduation slow you down. 8







The Future **Begins With YOU**

It is said 'the hardest sentence to write is the first one'. Once you get past the insurmountable hurdle, then everything else will fall in place. If only life was as easy, although fortunately for us it is not and we are the better for it. Instead life is made up of chapters or transitions that continuously evolve our perspectives, character and depth in understanding.

Let me give you an example. I will use a new professional's experience because it is easy to understand. The moment the New Professional's journey begins is when they are born. During this time one will learn fundamentals, communication and the pursuit of the never ending WHY. In other words, you learn to connect with your gut feelings. As time progresses the **New Professional** eventually reaches a state where school becomes the norm. Days of self-discovery turn into difficult lessons of trust, and the balance of apathy and determination. Later, with enough hard work, the New Professional progresses to College, a place of independence. College, a time of continuous learning, passion finding and the ever- present question of what does the New Professional want to do? College is also where the New Professional learns to break the rules, question everything and/ or sharpen their skills through an internship. Although like any moment, there comes a time when one must graduate to the next chapter, and in this case, one of early career development. This is when the

New Professional discovers

journey.

leadership is not just a title but a

Does this sound like you? What if you remove the term New Professional and insert Your Name? What if you insert the word, Leader?

Going back to the NP's experience, you may have noticed, WHY was in all caps in the beginning phase of life. It's interesting at a young age we demonstrate an invaluable leadership tool, that gut feeling of WHY. Why is based on core beliefs and values, yet over time this tool is forgotten and underutilized. In Simon Sinek's Ted Talk "Start With Why," he states, "that everything begins with the question Why? What is the core reason we do what we do? The WHY leads to the HOW and to the WHAT. The WHY is what drives you based on your beliefs or your cause." He gave the example of Martin Luther King, whose famous speech was "I have a DREAM," not "I have a PLAN."

Today exemplifying leadership is hard; it's easy to get caught up in the routine daily actions. The current socioeconomic climate, culture shifts or being a "millennial" does not help one stay on track. As a result, the way we think, the way we act, the way we communicate is from the outside in. We start with the WHAT and move to the WHY. It's obvious: we go from the clearest thing to the fuzziest thing. "Inspired leaders and organizations, regardless of their size or industry, all think, act, and communicate from the inside out" explained by Simon Sinek. They start with the WHY. By being the change agent who is starting from the inside we help to drive our organization's responsiveness, resilience, and

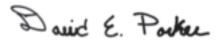


David E. Parker Clemson University (Lambda Gamma) '13 EDITOR-IN-CHIEF

relevancy. People follow, not because of the plan, but because they believe in the vision. It's not so much about a job, but a cause.

The next time you see an intern, new professional, co-worker, or someone about to retire, take a moment to remember life is a transition, made up of countless interactions and experiences. YOU are there, along their path. Is your presence going to make be a positive influence, inspiring them to dream? Or are you just giving another PLAN? Leadership is not a title but a journey, and it starts with those earliest feelings that come from your core, your gut. All of these instincts help shape the ultimate WHY! Life is not easy, but it is all for the better. Let's lead together! 8

Today exemplifying leadership is hard; it's easy to get caught up in the routine daily actions. The current socio-economic climate, culture shifts or being a "millennial" does not help one stay on track.



Checkout Simon Sinek video here: www.youtube.com/ watch?v=qp0HIF3SfI4





bservations



Instagram

- ↑ @uclathetatau Happy graduation to our beautiful seniors! We are thankful that our chapter was a chapter in your lives. Thank you for all that you have done for Upsilon Delta and good luck for all that is ahead! #thetatau #uclagrad #alumni #TTalumni
- → @thetatauucr Our fraternity would not be where it is without our alumni. Here is a throwback photo of some of them! // #ThetaTau #alumni #Brotherhood #TBT



Twitter



↑ Our brothers' photo with the future homeowner at our build yesterday! #HabitatForHumanity #Service #ThetaTau #LoveAndHonor #MiamiOH

Facebook

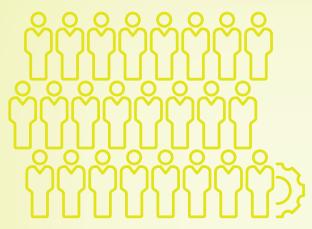


♠ Congratulations to the first colony north of the border in nearly three decades at the University of Victoria!



↑ Wow! Here's a letter from State Senator Scott Bennett, thanking us for our post-Unofficial fundraiser! Thank *you* Scott! 🕸





Average number of brothers initiated per Chapter in 2017

30%

Percentage Increase in Chapters Reaching Size Targets:

2016: 13 Chapters /2017: 17 Chapters

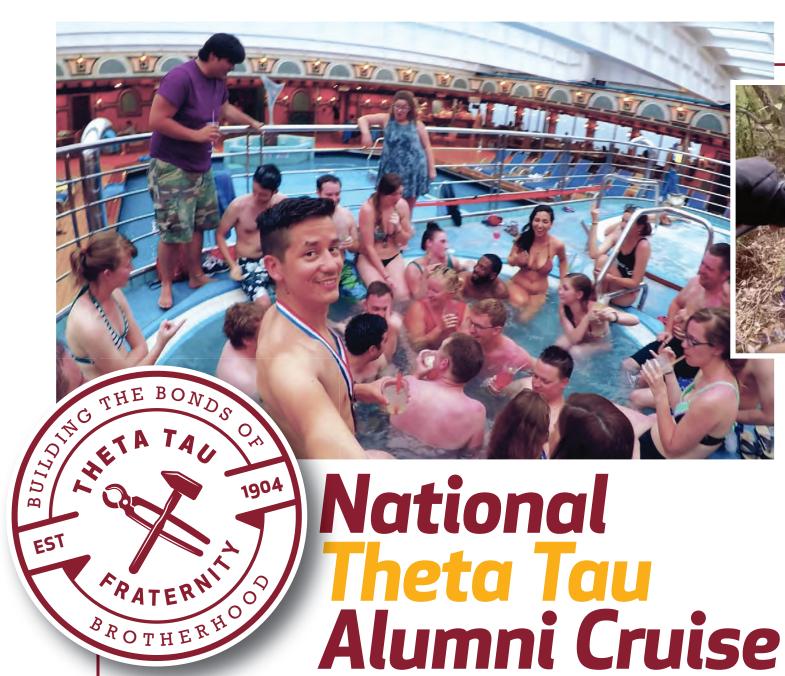
15%

Percentage Increase in Chapters with 40+ members

2016: 46 Members / 2017: 53 Members



The Gear of Theta Tau



by Jarrett Lucero and David Parker, Clemson (Lambda Gamma) '13

Above: Testing the engineering limits on the number of people able to physically fit in a hot tub at once.

In the late hours of Thursday night, our caravan stopped to connect with National Alumni Director David Parker at the midway point of our 11-hour drive from Clemson to Miami. After a quick 30-minute nap, we hit the road again at 1 AM Friday morning to find our fellow brothers.

With the help of CJ Couch Clemson (Lambda Gamma) '13 , David coordinated a 3-day cruise to the Bahamas—a pretty big statement for the first event. David's philosophy for planning his first Theta Tau alumni event was simple: build the momentum and they will come.

He was right, and 38 brothers from all over the country volunteered to climb aboard a floating city together.

Meanwhile, our Chevy Volt was racing to beat the Friday sunrise into Miami-Dade County. Once at the port, we immediately spotted former Grand Regent Brandon Satterwhite University of Alabama (Mu) '98 casually walking to the terminal sporting a Theta Tau shirt. Inside the terminal, the cluster of brothers welcomed one another and introduced themselves.



At left: Nine brothers went out on a all-terrain tour of Clifton Heritage National Park, Nassau Bahamas. Below: Smile for the camera and a Theta Tau group photo. Below middle: A view from the private beach reserved for our group. Bottom: The brothers surprised Shannon Howard Virginia Commonwealth University (Kappa Gamma) '14y singing happy birthday at formal dinner. It wasn't her birthday, but it was perfect timing. Before she could sit, music erupted and all the dining staff came dancing out for a pre-planned song. Easily the greatest joke of the trip. Happy birthday, Shannon #HBSH.







Our organization builds a strong bond of fraternal fellowship into us. If you've ever attended a national event, you've probably felt immediately connected to your fellow brothers that also happen to be complete strangers. The alumni committee works hard to foster this bond and I recommend attending any future alumni events.

Want to see what the most successful alumni event outside of an academy or convention was like for yourself? Check out the GoPro video made by Jarrett Lucero from the trip: https://youtu.be/4xrYqLH3wCs

Our anticipation was at an all-time high. As we boarded the ship, we cornered off a section of seats that would become our home base—right next to the pool and 24/7 pizza. The first day consisted of waving goodbye to Miami from the deck, a welcome meeting presented by National Alumni Association, exploring events all over the ship, dinner, and lots of dancing.

We woke up docked in the Bahamas. Nassau was gorgeous and called to us, so after breakfast the first morning everyone split up into groups. Some brothers wanted to go explore the island stores, some brothers had excursions to go to, and others were completely content lounging in the Caribbean sunshine all day.

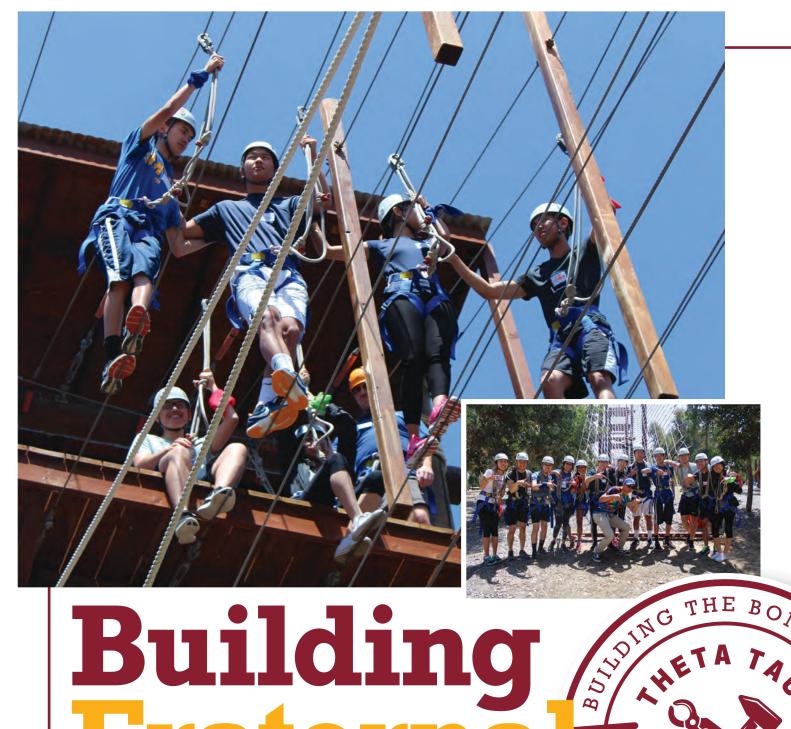
Our group explored the local straw market and learned about the legendary conch meat, then took a bus through the city to a remote part of the island for an hour of riding ATVs through the jungle. We saw beaches so nice they actually film movies on them. I highly recommend the ATV trip, but we heard great things about Atlantis, snorkeling, and Señor Frogs.

After a full day on the island, we all made our way back on the boat for a much needed nap before formal dinner. Seeing fellow brothers sharply dressed around the table reminded me of our journey from once a pledge to now an alumnus cruising

Our last day at sea was punctuated by rain. Luckily, our secret spot by the pool and 24/7 pizza was covered from the weather. This allowed us to test the engineering limits on the number of people able to physically fit in a hot tub at once. It was a nice wind down from the short but action-filled vacation.

In the morning we departed back into reality to find our way home. Some sunburnt, some tired, but everyone feeling the brotherly love.

For some brothers, this trip was a reunion. But for those like me, it was a chance to make a few dozen new friends. The vibe with the alumni crowd was overwhelmingly positive. It was like a boat full of all the best brothers you remember from undergrad. Everyone was friendly and inviting, and all shared a love for Theta Tau.



Building Final Fraternal Bonds Bonds

PATERN'S POTHERH

by Steven Lee and Goutham Marimuthu, University of California, San Diego (Epsilon Delta) '19



Above: The Brothers of the Epsilon Delta Chapter excited for a day on the field.

Above right: The Brothers struggle to stay standing as they try and kick the ball.

Opposite:
Prospective
members
working
together to
find a way
across
the
ropes.

1904

Brotherhood, one of the pillars on which Theta Tau was founded, is one the points of pride for the Epsilon Delta chapter. Our Brothers firmly believe that a strong fraternal bond is fundamental to the development of individuals and the organization as a whole. We strive to ensure these bonds and memories will last a lifetime. In February, our brotherhood co-chairs Brendon Lim, a 3rd year Mechanical Engineering Major, and Crystal Munive, a 3rd year Aerospace Engineering major, hosted an outdoor bubble soccer event to help our Brothers de-stress by getting them out of the library to exercise and enjoy themselves on a perfect San Diego day. The air was filled with joyful laughter as our members played the amusing sport along with jubilant cheering whenever someone managed to score a goal. We hold this experience dearly in our hearts as even though the sport was a comical take on soccer, it required immense teamwork and trust—the crucial values that make our brothers, the individual parts of our fraternity, work seamlessly together to make the whole "machine" run.

Aside from brotherhood events within the active body, the Epsilon Delta chapter also emphasizes this pillar in its quarter-long new member program through activities that build strong fraternal bonds to bring strangers together as brothers. In April, our newest prospective members participated in a team building exercise on a rope course facility in UCSD. This challenge course is suspended on a 25-foot platform and consists of four stations that require the participants to work as a team to tackle each challenge efficiently together. We use this to challenge our new members to let go of their fears and trust one another to have their backs in times of stress. After all, every obstacle, whether it be conquering a fear of heights or dealing with a frustrating engineering project, can be made easier with the support and encouragement of people whom you trust. After finishing the course, we expect our soon-to-be new members to gain a newfound understanding and appreciation of the supportive network of Theta Tau and the importance of the pillar of Brotherhood.

THE BONZ THE BONZ EST PATERNIT OF THE BONZ THE BONZ

by Jennifer Gillen and Daniel Jakob, Texas A&M University (Xi Gamma) '19





The Xi Gamma Chapter has taken a couple of pointers from the Harry Potter series. Starting in the spring of 2016, we adopted the house system from Hogwarts School of Witchcraft and Wizardry. We split our brothers among four houses by a random system.

HOUSE NAME GENERATION

The brothers then brainstormed their own unique name for their houses. These houses promoted attendance, brotherhood, and a little bit of healthy competition within the chapter event entertained everyone and induced a lot of laughter.

TRIVIA JENGA

For the second event, the pledges and actives competed in Trivia
Jenga where a representative from each house would step up to answer a general trivia question.
The first one to raise their hand got a shot at answering the question.
If they had the correct answer, they pulled a block from the Jenga

tower (the blocks had different point values assigned to them). If the representative pulled the block successfully, the house received the points. If the tower fell over, the house responsible lost a large sum of points. Everyone really enjoyed this event! Engineers with a tower of blocks makes for a long-lasting and intense round of Jenga.

KICKBALL!

For the last event, we played a game of kickball (strategically picked to practice for our upcoming kickball intramural tournament). We split brothers up into two teams randomly and played three innings, and every member on the winning team received more points.

The overall winning house of House Olympics received points to go towards the final house points.

The housing system has been a great addition to the Xi Gamma Chapter and has brought us closer together as a chapter.

EXPANSION

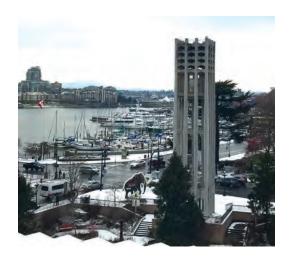
by Kristen Bobuk, Marshal (Chi Delta), Colony Director '13

Theta Tau has experienced unprecedented growth over the past couple of years, topping out at a whopping 14 colonies at one point!

Not only has our fraternity grown domestically, but we currently have an international colony at the University of Victoria in Canada (below). While this isn't the first Canadian colony that Theta Tau has had, if they succeed in transitioning into a chapter, they will be the first international chapter.

Starting a chapter at an engineering school isn't an easy task. Those students who take on the task of starting a chapter at their school show exceptional drive and dedication and often face numerous hurdles. 2016 was an explosive year, installing six new chapters: Case Western (re-chartered Delta), Boston University (Psi Delta), Christian Brothers University (Omega Delta), Stony Brook University (Zeta Epsilon), University of Maine (Eta Epsilon), and New York University (Theta Epsilon) and 2017 doesn't seem to have slowed the trend! In 2017 we installed four new chapters: University of Georgia (Iota Epsilon), MIT (re-chartered Eta), University of Southern California (Kappa Epsilon) and University of San Diego (Lambda Epsilon). There are currently 10 colonies. The Baylor University was our most recent installation as the Mu Epsilon chapter on September 30th. Tulane University has submitted a passing petition and is now in the planning stages of their installation ceremony in early Spring 2018. Let's keep the expansion going! 8

Interested in an expansion opportunity reach out to Zackary Johnson (Zackary.johnson@thetatau.org) or central.office@thetatau.org





Rim Fire Volunteering

by Forrest Yeh University of California, Merced (Mu Delta) '16

On August 17th, 2013 the Tuolumne Rim Fire started and burned 257,314 acres of Stanislaus National Forest and Yosemite National Park, making it the third largest wildfire in California history. Before beginning their 2016 Spring Break, 224 volunteers were gathered through the efforts of the Tuolumne River Trust to plant over 4000 trees in Buck Meadows, an area severely damaged by the fire. Over 40 brothers were coordinated by Mu Delta Chapter's new Research and Development Committee, which secured \$700 of funding from UC Merced's Inter-Club Council (ICC) in support. Attendees traveled from all over California and consisted of Active, Alumni, and Potential Theta Tau brothers from both Mu Delta (UC Merced) and Lambda Delta (UoP) chapters, along with other undergraduates & graduate researchers from UC Merced, local residents, Boy Scouts, Girl Scouts, rangers from the Tuolumne River Trust, and more.

The Rim Fire event was a joint effort led by Forrest Yeh (R&D Chairman), Alejandro Barragan (Community Service Chairman), and Matthew Favis (PD Chairman). It was engineered by the R&D Committee to encompass all three pillars of Theta Tau: Brotherhood, Profession, and Service. The night before the community service portion of the event, 27 brothers and potential members from Mu Delta chapter packed themselves into a chalet at Pine Mountain Lake to practice their presentation skills. The retreat participants split into teams of two, selected topics at random, and had one hour to create a five-minute presentation.

Potential member and pledge class president Thomas Arakaki said, "being split into pairs and given a random topic to present on was quite amusing. Everyone was able to give feedback on the presentations which was helpful to keep note of for the future". Without any Internet or cellular connection, the teams had to rely on old-school flipcharts and active audience engagement techniques to get their message across. To complete the night, the retreat participants went on a night-hike to enjoy the fresh mountain air under the stars.

Are You Smarter than a Professor?

by Shushanik Stepanyan University of California, Los Angeles (Upsilon Delta) '19

This past year has been a period of growth and excitement for our still new chapter at UCLA. The chapter has continued to work hard and co-host IDEA Hacks (along with with IEEE) as well as another event; the third annual Are You Smarter than a Professor? While IDEA Hacks is an event that promotes the engineering focus of our fraternity with a lot of emphasis on professionalism, Upsilon Delta has strived to become as well-rounded as possible by also hosting a fundraiser for the organization "Greater Minds in STEM" on May 12th, 2017.

The event is fairly simple; multiple student teams face against one another in a trivia based game, where individuals are removed from the game until the final team faces off against a team made up of UCLA STEM professors. The friendly competition and opportunity to observe professors "in the wild" away from their lecture halls and offices brings an enthusiastic and excited bunch of students, keeping the event fun for everyone throughout. Such a fun and simple concept really succeeds at bringing engineering students, faculty, and the local community (via sponsorships from restaurants in Westwood) together all in the common goal of promoting education in STEM fields to individuals from underserved communities

Originally planned and executed in early 2015 by member Andrew Nguyen, this event began as a small idea that proved the validity of the concept. Last year in 2016, Damian Gutierrez decided to take on our service chair leadership position and spearhead this event; getting more student teams, more professors, and even more money for "Greater Minds in STEM." The event continues to grow as our new and excited service chair, Ingrid Spielbauer, plans it for spring quarter. As an annual event allows younger members of our fraternity to step up and have leadership of the fraternity, which is sowing the skills needed for future generations of Upsilon Delta.



ck / TommL

Success for Students In All Terrains by Amber Jiles, Virginia Tech (Psi Gamma); '15 Joey Wendt, University of South Carolina, (Zeta Delta) '17

While many high school students fall through the cracks of the American education system, depriving society of innovative minds, attempts to catch those students often focus purely on their academic achievements. This is not the case with Amphibious Achievement, a non-profit organization that combines competitive swimming, competitive rowing and academic achievement to mentor and educate underrepresented students in the greater Boston area. This organization is run by Massachusetts Institute of Technology (MIT) undergraduates, and six brothers currently are swim coaches and mentors within the program. Every Sunday, Amphibious Achievement's student sessions include mentors coaching the students (referred to as Achievers) in either rowing or swimming along with the Achievers completing college preparatory activities with their mentors one-on-one. The undergraduate students that participate in

the program intend to transfer the determination, discipline, and confidence that one gains from competitive sports to the classroom for success in high school and higher education. Amphibious Achievement mentors aspire to be a support system for the Achievers who attend

the program at no cost to







Top: Swim coaches teaching high school students to row for achievement.

Middle: Brothers teaching college preparatory activites.

> Lower: Student taking a practice test.

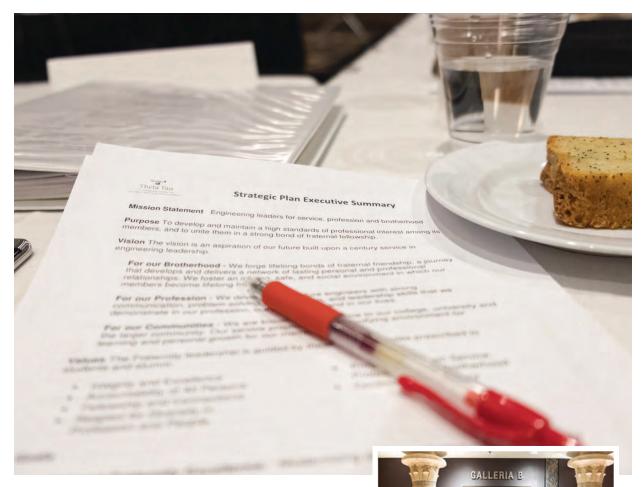
them. Most participants have a passion T for swimming and a strong desire to serve their community and enjoy being a part of an organization that encompasses both of their passions. While shaping the lives of Achievers, individuals that may not have access to this opportunity otherwise, MIT undergraduates experience personal growth along with their students. Eric Dahlseng, former Executive Director of the program, speaks to both the professional and civic growth one experiences as a member of Amphibious Achievement and how this experience has changed him:

"A little more than two years ago, I became one of two Executive Directors of the program. Over the next two years, I gained a treasure trove of skills: from how to run effective meetings, to how to effectively communicate new idea proposals, to how to motivate a team

> around a common vision. My future career path has been driven by this experience, and I can't imagine where I would be otherwise."

The other MIT chapter brothers in the program (Chris Xue, Josh Tomazin, Dane Erickson, Eric Dahlseng, Justin Chiu and Kyle Archer) express similar sentiments and treasure both the connections they share with Achievers and the friends they have made while serving the community. 8





National Strategic Planning Meeting

by Lauren Phillips, Texas A&M (Xi Gamma) '16

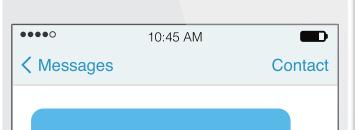
On June 23rd through the 25th your Executive Council and National Officers gathered in Las Vegas for their annual meeting. This year was focused on developing the Strategic Plan of the National Fraternity for the next three to five years. This Strategic plan was developed to address the needs and priorities of the growing Fraternity. The students' voices were a huge part of this process! A representative from the Student Advisory Committee, Andrew Blanchard, Lawrence Technical University (Xi Beta) '17, attended the meeting and we evaluated the student survey responses to determine what the student members wanted out of the national organization. The main goals over the next three to five years are:

- » National Fraternity Excellence
- » The Student Experience
- >> The Alumni Experience
- » The Chapter Experience

It was a productive weekend for the National Officers working to better the fraternity that we all love and as always there was time for some good fellowship with each other! After a long day of work the officers went out with groups going to various shows like Queen and Blue Man group! 8







We all love our smartphones, but they're only as smart as the decisions we make when using them. In 2015, 3,477 people were killed, and 391,000 were injured in motor vehicle crashes involving distracted drivers (NHTSA, 2015). Make the road safer for everyone and put the phone away while driving.

To see how much you could save with a special Theta Tau member discount, visit **geico.com/greek/ThetaTau** or call **800-368-2734.** Don't forget, whenever you complete a new quote, GEICO gives back to Theta Tau.

Can you outsmart your smartphone?





News



University of California, Berkeley

by Rebecca Fuhrman of Tikkun Olam Makers

Berkeley is the newest Tikkun Olam Makers team — a global movement launched in Israel in 2014 of makers and innovators who seek to solve challenges faced by the disabled population. With access to state of the art workshops featuring 3D printers, laser cutters, and electronics fabrication, each team had 48 hours to create working prototypes for their challenges.

Bliss is a mom of three, a full-time doctor, and is hemiplegic. When Bliss goes grocery shopping in San Francisco, it's difficult to manage both her kids and groceries while navigating city streets in her wheelchair. Looking for a solution, Bliss was turned off by

bulky devices that permanently attach to her chair— Bliss requires something that can be easily removed when needed. This team—all brothers—developed a solution with only one permanent component a small, unintrusive plate mounted to the back of Bliss' chair. A swinging basket can be easily added and removed from the plate, providing Bliss a place for her groceries that can easily be swung out of the way while she carries her kids home on her lap.

The Epsilon chapter is just beginning to find ways to help people.



» ETA DELTA

University of Maryland

by Sean Zalewski '19

This semester, our chapter sponsored an "Engineer for a Day" activity with a local elementary school. Ten brothers + one class asked thought-provoking questions: What is engineering? Who are some engineers? What are some types of engineers? Three tables were set up with an an activity focusing on a different discipline of engineering. The first, making an oobleck (a slime-like substance made primarily of cornstarch and water that can acts as a non-Newtonian fluid, displaying both the properties of a solid and a liquid) to showcase chemical engineering. Our second activity was to demonstrate aerospace engineering by making straw rockets and launching them.

Our final activity was to have the students build structures out of marshmallows and toothpicks, showcasing their creativity and design skills. This activity went wonderfully as students built towers and bridges, displaying their future civil engineering prowess. This service had meaning, because we were able to do something primarily for others instead of ourselves.



» ALPHA

University of Minnesota

by Nathan Hewitt, '18

Alpha chapter sent twelve brothers down to University of Iowa to visit Omicron Chapter at the regional conference in early April.

Tulane Colony

by Daniel Christiansen '18



Above: Afsheen Sajjadi, featured holding the first place certificate

One of Tulane University Colony's Pledges, Afsheen Sajjadi, was a contributing member to the Tulane team that recently took first place in NASA's second annual Breakthrough, Innovative and Gamechanging (BIG) Idea Challenge for in-space assembly of spacecraft. Their team's success in this competition earned Afsheen and other members a much coveted NASA internship for the summer of 2017.

» PHI GAMMA

Oklahoma State University

by Haley Welch '19

At Oklahoma State University, the College of Engineering, Architecture, and Technology (CEAT) has a week every year dedicated to the college called CEAT week. Phi Gamma took home 2nd place and \$1,000 for their booth, Crazy Catapult Game created by Brothers Haley Welch, Jasmine Bailey, and Cameron Jump. The game was a catapult made of pencils and a plastic spoon, and the goal was to fling as many ping pong balls into the moving red cups in a minute.



» IOTA EPSILON

University of Georgia

Engineering a Chapter

by Jorge A. Olivares '20

Trekking through the lush Athens hills has always been a joy. On the walk to chapter meetings I take a path that has remained unchanged over the years, but when seeing all of our brothers, together in our large meeting room that ascends with seats spiraling in conical waves, it's apparent how much we've changed. To think that three years ago it was just our 19 founders, in a classroom, working towards this distant goal. On April 8, 2017, that vision was realized when we were initiated as a chapter of Theta Tau. Now pushing on over 70 brothers, this little group has became a great influence on each one of us and our community. The guidance from older brothers and the excitement from our new members continues to fuel this group of engineers. As we look towards bigger goals, now that we are a chapter, we inspire younger brothers to take more important roles in our chapter to set a precedent for future generations.





» XI DELTA

George Mason University

What we're learning

at Xi Delta is that rush

by Felix Ruble '16

is an ever-evolving enigma. What goes glowingly well one year may be a complete dud the next, and events during the Fall semester may not transfer as well into the Spring semester. It's a learning process, and one that we feel like should never really end. Keeping the same type of events year in and year out starts to feel stale as time goes on. It's hard to get new potential members excited about joining if brothers are having the same experiences every single semester. Our early rush events were based off what we knew from other Greek organizations: events centered around brotherhood. Although these were a lot of fun and helped build early connections with rushes, they did not capture the full scope of what Theta Tau was about. Instead we learned to keep innovating, sharing ideas, and challenging the status quo.

Baylor Colony

by Matt Engman, '19

With high hopes that we will become a full chapter very soon we can't let ourselves take any breaks, and we wouldn't want to. Despite how hectic each of our lives can get, we always look forward to coming together as brothers to do any manner of things. Our bi-annual service event Steppin'

Out was once again a great success with an amazing turnout. We continue to increase our presence on campus by hosting campus-wide events, such as a Super Smash Bros. tournaments. As things wind down for this semester and the summer, we continue to work hard to become the colony, and hopefully soon the chapter, we know we can be. Finally, we would like to give a big thanks to all of you for your continued support of our growth.

Editor note: The Baylor Colony became a chapter on September 30, 2017.

» OMEGA GAMMA

Florida International University

by Emanuel Moyano and Zoë Bernard '19

After many years of hard work and participation in Relay for Life at FIU, our chapter has taken home a first place trophy. Brothers Daniela Montero, Emanuel Moyano, and Francesca Riccio-Ackerman began a tradition of fundraising by nominating three brothers every one or two weeks to compete in raising the most amount of money possible. The competitiveness between family lines and between pledge classes was key in getting everyone to donate, including our alumni. Though the competitive nature was fierce, our brothers did not let it get personal as we were all working toward the same noble cause. With Francesca's ideas, Zoë's dedication, and Connie's artistic expertise, our tent for the event stood out amongst all others and overall won first place.



University of Tennessee

by Sydney Reeder, '18; and James Brackett, '17

The Chi Gamma chapter continues to embody the VOLunteer spirit during the 2016-2017 school

year by leading a greenhouse build and play stream project for the local Knoxville Montessori School. Together, the chapter of 81 brothers completed over 300 service hours deconstructing the original greenhouse. Two more build days have already been planned to complete the rebuilding of the greenhouse and the installation of solar panels designed and programed by Chi Gamma members. In addition to the greenhouse, Chi Gamma also has begun work on an interactive play stream for the Pre K-5th graders. Other service programs Chi Gamma has been participating in was the National Read Across America Day at a local elementary school. Members participated went to the school and read with Pre- K and Kindergarten children to promote literacy and learning. With high member participation, our chapter has currently completed over 1300 community service hours during the 2016-2017 school year!



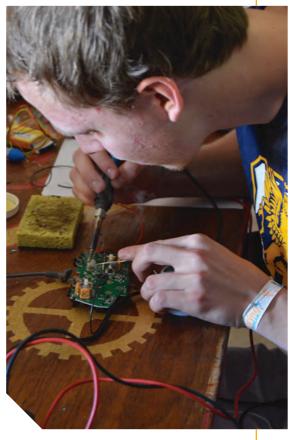
University of Arizona

by Jessyca Thomas '18

Each spring, Chi Chapter participates in a local Habitat for Humanity event (below). On March 4th this semester, 10 Chi brothers drove out to South Tucson at 7 a.m. and quickly got to work on building a new, affordable and eco-friendly home. One of the most rewarding aspects of the day, according to David Montgomery, a junior in mechanical engineering, was being able to work alongside the woman who would own the home upon completion. "Seeing how grateful the woman was and how excited she was for the house made this unforgettable," he said as our crew began cleaning up at the end of the event.

One of our annual events is Building Better Brotherhood. It is a weekend-long event meant to bring brothers together by allowing members to apply their classroom studies to an actual engineering project and to share their skills with each other. It is designed to benefit the chapter by providing a useful (or simply fun) service and by giving members the opportunity to grow professionally through hands-on experience. During our last "BBB" we created our very own Theta Tau Arcade system (right). From the preliminary design to the coding of games, we built the arcade from the ground up, just in time for our Founders' Day Celebration.











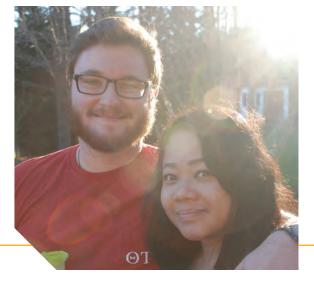
» KAPPA GAMMA

Virginia Commonwealth University

by Maryam Oukib '19, Renee Beck '20, Victoria Lopez Del Pino '20

Our brotherhood committee hosted a relaxing barbecue in our brother's own backyard. With alumni and pledges there, everyone reminisced old Theta Tau memories while partaking in new ones. There were brothers chatting in the kitchen, brothers doing homework on the patio, and brothers teasing the dogs with food. The spring air was filled with conversations of class struggles, ruined March Madness brackets, recent movies, and which dog was the cutest; however, it was the movie under the stars that made the hours of pledging and everything after all the worthwhile. Brothers piled into lawn chairs, cuddled under blankets, and fought over pillows. In that moment, the brotherhood that we all long to be a part of was unmistakably apparent. Every brother huddled in blankets was part of the Kappa Gamma family. These are the people who we all lean on through thick and thin, who have seen us at our worst and at our best. These are the people who would spend their Saturday evening under the stars snuggled up in a blanket while watching a movie, laughing the night away.







Lawrence Technological University

Life Skills: It's On Robotics

by Colin Acker '19

Xi Beta chapter is proud to be say that we have had nearly all of our brothers volunteer at FIRST **Robotics Competition at locations** throughout our region. FIRST Robotics is an International STEM organization with the goal of fostering "21st century life skills" as well as bringing increased interest to the fields of STEM. Within a six week period the students are to design, build, and program a robot to compete in competitions with other teams and their robots. Many of our brothers here at Xi Beta are alumni of the FIRST Robotics programme and seeked to give back. As a whole, Xi Beta hopes through tutoring, volunteering, and being a mentor, to inspire the next generation of engineers!

by Kaitlynn Baksa '18

Last year, Lawrence Technological University as a whole adopted the It's On Us campaign to end sexual assault. We had a student and one of our brothers hold a training session for all of our active brothers and pledges. Not just learning the statistics and facts about sexual assault, our chapter also gained the knowledge of how to recognize and stop it. The signs can be little things like being extra touchy at work or go as far as being extremely drunk at a party with someone you didn't show up with. You can help by stopping a situation yourself, or getting others to help. The main thing is to remove the victim from the situation and make sure they are safe. We hope that more brothers get involved with It's On Us. You can take the pledge to end sexual assault and get more info at itsonus.org.

» ZETA GAMMA

University of Florida

by Blane Donahue '18

Every year the University of Florida dedicates a week to raising the interest and morale around known as Engineering week, or E-Week. Our chapter hosted an engineering themed trivia night at a local restaurant as our event for the week. The engineering organization with the most points for attendance to each event and for the best display Rube Goldberg display at E-fair are given the title for that year. I, and the rest of our chapter, are extremely proud to have won E-Week Cup this year!! Also in recent years, the Zeta Gamma Chapter has developed a growing devotion to a student run philanthropy on campus, Dance Marathon. This is a yearlong philanthropy which works to raise funds and awareness for our local Children's Miracle Network Hospital, UF Shands Health. This yearlong effort culminates in a 26.2 hour event where students stand on their feet for the entire duration of the event. Our chapter had the honor of having 11 dancers participate in the event this year. Through the fundraising efforts of our chapter we were able to surpass our goal and raise \$13,817.36 all for the kids!!!! 8





Alabama (Mu)

James Robert Adams, 1977, Roll #1012 Frank Lamar Boyd, 1952, Roll #573 John William Bray, 1949, Roll #459 Norman Jay Campbell, 1935, Roll #186 Kendall Arthur Gustafson, 1950, Roll #518 Tyler G. Hegenwald, 1949, Roll #396 Tom Davis Holder, 1951, Roll #561 J. Russell Johnson, 1940, Roll #250 Joe Marsena McKee, 1957, Roll #671 Thomas Edward Murphy, 1935, Roll #152 William Perry Nichols, 1963, Roll #788 Joseph Raymond Pegues, 1960, Roll #728 Donald David Snyder, 1954, Roll #594 Frederick D. Stockton, 1945, Roll #303 Andrew Timothy Wuska, 1950, Roll #506

Arizona (Chi)

Andrew Alan Brodkey, 1979, Roll #844 Wesley Woolston Ford, 1957, Roll #491 Andrew Jackson Gilbert, 1959, Roll #561 William Robert Hardwick, 1936, Roll #97 Lawrence A. Harrington, 1965, Roll #646 Ralph Lester Kitchens, 1952, Roll #387 Jack Harbert Lucas, 1952, Roll #377 Melvin M. Montgomery, 1953, Roll #440 James Robert Shull, 1948, Roll #303 Benjamin Stevens Smith, 1968, Roll #709 Paschel Wallace Young, 1958, Roll #521

Arizona State (Delta Gamma)

Michael Georg Straub, 2011, Roll #135

Arkansas (Upsilon)

Robert Louis Frantz, 1950, Roll #308 Edward Mavin Harvey, 1954, Roll #394 Raymond Hugh Hedgecock, 1948, Roll #219 Jeffery Lynn Kennington, 1968, Roll #652 William Richard Mixon, 1957, Roll #459 Robert Wilmans Newell, 1952, Roll #366 Roy W. Roberts, 1951, Roll #318

California, Berkeley (Epsilon)

Ben Edwin Gumpertz, 1938, Roll #453 Samuel T. Martner, 1940, Roll #467 Millis Henry Oakes, 1953, Roll #749 Carl Fredrick Romney, 1956, Roll #610 Jack Washburn, 1948, Roll #620 Alexander Murray Wilson, 1948, Roll #596

Carnegie Mellon (Nu)

Charles William Duffett, 1948, Roll #451 John Judson Keyes, 1947, Roll #450 William James Purcell, 1946, Roll #363 Robert S. Schoenberger, 1947, Roll #460 Vance Evan Senecal, 1947, Roll #435 John Robert Smith, 1948, Roll #485 Harry John South, 1947, Roll #446 Edward VonHalle, 1948, Roll #475 Eugene Charles White, 1943, Roll #357

Case Western (Delta)

Martin Luther Anderson, 1953, Roll #826 Arthur Kenneth Boydell, 1952, Roll #796 John Joseph Dailey, 1948, Roll #628 James Edward Driver, 1970, Roll #1105 Bruce Faber Greek, 1949, Roll #610 Richard Charles Haas, 1947, Roll #611 George John Kleinpell, 1948, Roll #601 Edward Allen Moorehead, 1954, Roll #854 Nathan Oscar, 1945, Roll #538 Edward Michael Petrushka, 1955, Roll #867 Stanley Richard Reas, 1953, Roll #846 David Nusbaum Reece, 1942, Roll #447 Robert Andrew Roth, 1942, Roll #469 Arthur Herbert Tousley, 1946, Roll #589 Donald C. Vanderwist, 1945, Roll #549 James Godfrey Watterson, 1954, Roll #877 Wayne Douglas Wells, 1944, Roll #540 Michael Joseph Zusack, 1948, Roll #622

Colorado Mines (Gamma)

Kenneth Wayne Bott, 1967, Roll #1056 William Henry Bousman, 1942, Roll #548 Charles William Campbell, 1947, Roll #608 Frank Leonard Johnson, 1945, Roll #567 Gordon Morris Miner, 1948, Roll #675 Charles Hall Swaim, 1961, Roll #936 John Human Wilson, 1948, Roll #654

Columbia (Theta)

Edwin Henry Arnaudin, 1950, Roll #467 Robert V. Close, 1938, Roll #242 Michael Francis DeMayo, 1950, Roll #459 Richard William Farren, 1952, Roll #505 Apollo Guizot, 1940, Roll #289 Ralph Albert Hess, 1948, Roll #456 Kenneth Paul Jicha, 1955, Roll #553 Wilbur Edrald Kelley, 1957, Roll #598 Donald Ambrose Kerr, 1953, Roll #521 Rene Floyd Kress, 1955, Roll #566 John Joseph Rathemacher, 1933, Roll #177 Eldred Lyle Raun, 1931, Roll #189 Robert William Schubert, 1943, Roll #356 Curtis Robert Weyers, 1941, Roll #255 Ronald Deneen Williams, 1957, Roll #603

Detroit - Mercy (Iota Beta)

Joseph Michael Koczan, 1969, Roll #89

George Washington (Gamma Beta)

Raphael David Cahn, 1947, Roll #111 Vincent Harry Hennessy, 1948, Roll #176 John Wallace Lewis, 1950, Roll #210 Haaren Albert Miklofsky, 1946, Roll #145

Houston (Eta Beta)

Jerry Lee Rix, 1961, Roll #4

Illinois (Kappa)

Albert Rudolph Starr, 1939, Roll #453

Iowa (Omicron)

Lloyd Edward Allen, 1956, Roll #460 Richard Ray Azeltine, 1952, Roll #380 Maurice Harry Buresh, 1953, Roll #434 Ronald Edward Butler, 1957, Roll #494 Laurence Raymond Gaskill, 1959, Roll #535 Lewis Frank Jenkinson, 1948, Roll #311 Walter Henry Johansen, 1955, Roll #447 Clifford G. Mecklenburg, 1960, Roll #568 Dwayne Leroy Mozey, 1954, Roll #422 Alan Dean Nichols, 1949, Roll #322 Robert Dale Parker, 1975, Roll #826 Jerry Lee Rattenborg, 1965, Roll #675 Herman George Ruppert, 1942, Roll #264 Marvin Frank Sedlacek, 1953, Roll #413 Darrell James Ulch, 1956, Roll #467 Adam James Wiederholt, 2006, Roll #1329 Robert Dwight Wilbanks, 1966, Roll #665 Wayne Russell Winslow, 1954, Roll #418

Kansas (Zeta)

Gene Webster Beery, 1949, Roll #505 Ivan LaVoral Henman, 1956, Roll #586 Larry Mark Newcomb, 1972, Roll #721 Keith Emerson Zarker, 1945, Roll #481

Louisville (Delta Beta)

Thomas Upton Costilow, 1968, Roll #385 Owen Newton Schuster, 1952, Roll #192

Michigan Tech (Beta)

David Abbott Byfield, 1962, Roll #855 Richard Agnew Currier, 1963, Roll #880 George Kotonias, 1956, Roll #772 Richard S. MacGregor, 1945, Roll #546 John Nels Nilsen, 1957, Roll #809 Robert Walter Storm, 1951, Roll #637 Martin Edward Stuk, 1949, Roll #631



Minnesota (Alpha)

Larry Eugene Espelien, 1960, Roll #656 Lawrence Frank Feldsien, 1962, Roll #699 Peter Clare Halden, 1965, Roll #727 James Bryant Koeneman, 1959, Roll #647 Calvin David Loyd, 1950, Roll #575 Kevin Peter Rodby, 1992, Roll #992 Edward John Zugschwert, 1952, Roll #598

Mississippi State (Kappa Beta)

Wallace Gordan Carpenter, 1973, Roll #200 Richard Lamar Johnson, 1978, Roll #233 Craig Alan Nelson, 1982, Roll #303

Missouri S&T (Iota)

Arthur George Baebler, 1955, Roll #721 Arthur Hugh Barclay, 1937, Roll #327 Thomas Kent Bohley, 1961, Roll #855 Charles Marshall Browning, 1948, Roll #546 Romuald Lewis Buescher, 1953, Roll #703 Roy Henry Dunham, 1947, Roll #533 Jack Dolph Foster, 1949, Roll #569 Robert Homer Glaser, 1961, Roll #818 Joe Edwin Gray, 1954, Roll #677 Thomas Robert Halbrook, 1960, Roll #819 Ralph Leslie Hollocher, 1954, Roll #697 Daniel Joseph Llewellyn, 1971, Roll #1158 John Bruce Miles, 1955, Roll #709 R. Patrick Skow, 1961, Roll #854 William Hitt Stewart, 1954, Roll #687 Bruce Edward Tarantola, 1951, Roll #626

Montana Tech (Psi)

Bernard Alfred Fahm, 1951, Roll #271 John W. Koger, 1966, Roll #469 Attila Dennis Kranyak, 1951, Roll #294 Vinton Arthur Stermitz, 1945, Roll #192 Philip Allen Van Alstine, 1959, Roll #404

NC State (Rho)

John Richard Combs, 1956, Roll #526 Harold Ray Denton, 1958, Roll #574 Robert Raynor Garey, 1949, Roll #375 George Perry Greene, 1944, Roll #308 Thomas Edward Johnson, 1955, Roll #528 David Clifton Kirkman, 1948, Roll #368 Charles Aycock LeGrand, 1951, Roll #431 William Gray Lloyd, 1952, Roll #469 George Paul Redman, 1954, Roll #496

Ohio State (Sigma)

Francisco Antonio Castillos, 1958, Roll #448 Joseph Paul Creek, 1958, Roll #455 Ostap Danyluke, 1943, Roll #263 Ronald Alan Emerling, 1954, Roll #394 David Tice Johnson, 1959, Roll #504

George Edward Koch, 1953, Roll #380 Carl Fred Leithe, 1962, Roll #525 Ernest Leon Oehling, 1941, Roll #229 Edward Bryant Read, 1950, Roll #344 Donald Erwin Seely, 1966, Roll #564

Purdue (Phi)

Cook Olin Lougheed, 1945, Roll #200 James Edward Park, 1957, Roll #308 James Robert Slazas, 1962, Roll #345 Allan Joseph Wolfer, 1953, Roll #279

South Dakota Tech (Omega)

Daniel Lyle Callahan, 1967, Roll #620 Leon Dean Estes, 1953, Roll #405 Albert Arthur Gallo, 1941, Roll #123 Michael Thomas Green, 1972, Roll #666 Floyd Thomas Harris, 1958, Roll #475 Donald Gale Hollister, 1967, Roll #615 Robert Andreas Lerdal, 1959, Roll #500 Gerald Markhus Munson, 1957, Roll #466 Roger Lee Noss, 1957, Roll #479 Reece Spalding Palmer, 1961, Roll #532 Grove Alan Rathbun, 1952, Roll #385 William Richard Sacrison, 1952, Roll #370 Albert Daniel Schmidt, 1949, Roll #299 Charles Thomas Schmidt, 1963, Roll #577 John Leslie Shedd, 1942, Roll #166 Carl Gerheart Ulvog, 1950, Roll #330 Robert Owen Winkler, 1943, Roll #203

Syracuse (Tau)

Paul Edward Britton, 1944, Roll #305 Jack Worthington Cottrell, 1941, Roll #231 Lewis Vincent Evans, 1939, Roll #193 Elliott Flicker, 1959, Roll #611 Robert Benjamin Fogelsonger, 1940, Roll #197 Thomas James Ganatsiou, 1951, Roll #492 Robert Nason Hall, 1939, Roll #186 Clay Sanford Harder, 1957, Roll #582 George William Hatzenbuhler, 1948, Roll #374 Timothy Richard Hayes, 1960, Roll #633 Harl Albert Hockeborn, 1951, Roll #407 Alfred Nichols Ianuzi, 1954, Roll #544 Roger Alan Kelley, 1965, Roll #654 Eugene Edward Leonardo, 1982, Roll #780 Walter Everson Moulton, 1931, Roll #91 Roland Richard Ricci, 1949, Roll #453 Gregory Alfred Sgroi, 1941, Roll #223 James Emil Spiriti, 1949, Roll #468

Tennessee Tech (Lambda Beta)

Larry Michael Kirk, 1969, Roll #19

Utah (Lambda)

Jack C. Alder, 1948, Roll #563 Clyde F Coombs, 1925, Roll #169 David Arol Erickson, 1965, Roll #811 Vervin R. Gilson, 1948, Roll #548 Mack Smith Kesler, 1937, Roll #350 Michael James Kirkman, 1965, Roll #817 William Arlyn Looney, 1962, Roll #770 Charles Kenaz Rudy, 1948, Roll #575 William Roylance Turner, 1941, Roll #416

Virginia (Pi)

William Alexander Barr, 1947, Roll #355 William Harold Burgess, 1953, Roll #438 Evander Roderick Coker, 1952, Roll #440 John Randolph Foote, 1949, Roll #370 John Jerome Forst, 1949, Roll #399 John Temple Gill, 1961, Roll #590 John Howard Haverland, 1977, Roll #850 James Hopkins Hill, 1954, Roll #489 Benno Janssen, 1943, Roll #271 Mallon McCune Lemaire, 1956, Roll #512 Robert Emory Markwood, 1954, Roll #471 John Marshall Slepetz, 1959, Roll #563 Ronald Stephen Walker, 1959, Roll #585

Virginia Tech (Psi Gamma)

Patrick Hunt Drury, 2011, Roll #8

Washington (Theta Beta)

Lawrence Allan Knutsen, 1968, Roll #39

Wayne State (Epsilon Beta)

Ronald Neil Bill, 1972, Roll #119 Charles Case Dattolo, 1968, Roll #187 Harold Charles Jennett, 1958, Roll #93 Julius Robert LaFave, 1979, Roll #276 John Emil Lukas, 1953, Roll #12 Robert Hamilton Striker, 1958, Roll #94

Wisconsin (Xi)

Neal Charles Eriksson, 1971, Roll #319 Donald Joseph Liska, 1954, Roll #153 Richard Jerome Priem, 1950, Roll #90 James Sheldon Spindler, 1950, Roll #91 Roger Arnold Thiede, 1949, Roll #101 Duane Alwin Williams, 1956, Roll #186

Wisconsin-Platteville (Nu Beta)

Dale Charles Dixon, 1938, Roll #97 8







Zack Johnson

University of South Florida, (Upsilon Gamma) '12

Expansion Director

Kristen Bobuk

Marshall University, (Chi Delta) '13 **Colony Director**

As part of the Northern Arizona Colony Certification, Editor David Parker, Clemson (Lambda Gamma) '13, was fortunate to hangout with two out of the three behind the scene brothers who have helped facilitate our fraternity's recent growth.

How did you learn about Theta Tau?

Kristen: My friend Nathan actually found Theta Tau while we were both students at Marshall University, He had heard about my experiences with my music fraternity and thought the engineer department could benefit from a similar organization. It was all history from there!

What's been your favorite Theta Tau memory?

Zack: Participating and witnessing the chapter installation of Tau Delta, the University of Miami at Ohio. It's something special being a mentor and alumni advisor and witnessing the tremendous effort student members put into their success stories.

What inspired you to be a national officer?

Zack: Being a TT and social greek brother as well as a member of student government, what clicked for me to join the ranks as a national officer was being the alumni advisor to Tau Delta. In particular seeing their tremendous efforts inspired me to champion the growth of our organization.

Kristen: It took an army to grow from a local group into a chapter. Roy Daniels, the colony director at the time, as well as all of the other national officers were instrumental in making that transition happen. Now that I'm an alumnus and have had that experience, I want to share it with others so I can

share my knowledge and help grow colonies into chapters.

Tell us a little more about your experiences being a mentor?

Zack: A big part of being a chapter mentor is listening to and understanding students' priorities, motivations, and concerns. Not an easy task. What's easy for a professional is difficult to understand for a student member. Equally important is distinguishing between their experiences with your chapter experiences, this is a challenge faced when you do not come from the same background.

Kristen: I actually just got my first official mentee at work. It's both an honor and a privilege to be trusted to have someone looking up to you in the "real world". As a mentor, you can only hope that you help them in some small way and make their lives just a little bit better. The greatest part is when you inevitably realize that it was them who impacted you, not the other way around. I owe a lot to my mentor at work. He's helped more times than I can count, not only technically but also by being there anytime I needed support. I can only hope that I can be that for someone else one day.

Name something you're passionate about?

ck: I am passionate about continuing personal and professional growth while exploring new

experiences. It's great being expansion director because you gain new relationships and able to travel across the nation. My favorite experience has been camping in the Sahara desert and witnessing the Milky Way from a whole new perspective.

Kristen: Fitness. I've always been an athlete, but after high school I found myself pretty lost in this category. I eventually picked up CrossFit and instantly fell in love with it. Now I try to maintain a balance between running (5ks to ½ marathons), biking, and lifting. I might even enter my first powerlifting competition later this year.

Favorite Ouote?

Zack: "Eat, Drink, [and] Be Merry."

Kristen: "Work Hard, Play Hard."

One thing you would like to share with 27,000 alumni?

Zack: The alumni community hungers for your friendship, be it a reunion with your local or university brothers or being engaged with the bigger picture. You have great potential to make a difference; it only takes the first step of getting involved.

Kristen: Don't be disappointed if your first job isn't your dream job. Just like the way you dress, work for the job you want, not the job you have. Maybe one day you'll realize that your dream job had nothing to do with where you work today. 8

The Gear of Theta Tau

Fulfilling Our Mission

All-Academic Team

Once again, we have selected an All-Academic Team consisting of student members with a grade point average of 3.0 or higher in the previous semester. In addition to the team members, the following Regional Captains were named have received a scholarship from the Foundation:

- >> ATLANTIC Matthew Fishman, University of South Florida (Upsilon Gamma) '19
- >> CENTRAL Kevin Tenny, University of Kansas (Zeta) '18
- >> GREAT LAKES Quinn Mitchell, Michigan Technological University (Beta) '19
- >> GULF Emanuel Moyano, Florida International University (Omega Gamma) '18
- >> MIDWEST Sam Yellin, Purude University (Phi) '18
- >> NORTHEAST Jessika Decker, Purude University (Phi) '18
- >> SOUTHEAST Sydney Reeder,
 The University of Tennessee (Chi Gamma) '18
- >> WESTERN John Pham, California, Riverside (Sigma Delta) '20

Congratulations to these and all members of the 2017 All Academic Team. Watch the Foundation website (thetatau.org/foundation) and Velocitas for the opening of applications for the 2018 All Academic Team which will open in late 2017.

Scholarship Recipients

We have also announced our 2017 Scholarship recipients who all had grade point averages above 3.5 with several at/near 4.0. Also all have served their chapter and other student and community organizations.

- >> JEREMY CHAN FUND: John Pham (UC Riverside) '19 and
- Victor Barahona (Hofstra University) '19

 >> JEFF KELLOGG FUND: Nicholas Monette
- (Michigan Technological University) '17

 >> JAMES COTE' FUND:
- Ethan To (Michigan Technological University) '18

 >> GEORGE KALV FUND: Vega Sood
- (University of California, Davis) '18

 >> JB LADD FUND:
- Lauren Anderson (University of the Pacific) '17 and Rachel Lucas (University of Nevada, Reno) '18
- >> ROBERT MILLER FUND: Wyatt Klass (University of lowa) '19
- >> SIMON RAMO FUND:
 Bridget Weston (Hofstra University) '19
- » IOTA BETA FUND: Marcia Rudolph (Miami University) '18 and Olivia Koonce (Christian Brothers University) '19
- >> WILLIAM JOHNSON FUND: Tait Cunningham (Ohio University) '19
- >> EDUCATIONAL FOUNDATION: Ashlyn Gill (George Mason University) '19 and Sierra Gonzales (University of Nevada, Reno) '18

Professional Licensing and Certifications

The Foundation is always looking for additional ways to expand our service to the Fraternity. As a new initiative, a one-hour presentation was developed and presented at the Fall 2016 Atlantic Regional Conference and at Kappa Gamma (VCU) Chapter in April 2017 titled "Professional Licensing and Certifications: An Important Part of Professional Development."

Thank You!

Finally, thanks to all who support the Foundation with your generous gifts. Without your support we could not fulfill our mission statement, "Providing Educational Opportunities to Develop the Leaders of Tomorrow."

Leadership Academy

A highly successful Leadership Academy was held at Vanderbilt University in Nashville, TN from 28-30 July 2017. Over 100 Brothers (both Active and Alumni) attended and learned from the updated program. Many thanks to Brothers Allison Pollard (Southern Methodist University) '05, David Parker (Clemson University) '13 and Mark Wisneski (Old Dominion University) '00 who planned and led the event as well as all the Brothers who made this possible by their financial contributions and by volunteering their time and talent as facilitators. Great feedback was received from the attendees which will be used to help plan and improve the next Academy in 2019.





Theta Tau Educational Foundation Theta Tau Professional Engineering Fraternity

1011 San Jacinto, Suite 205 Austin, TX 78701 Nonprofit ORG U.S. Postage PAID Bolingbrook, IL Permit NO. 467

ADDRESS SERVICE REQUESTED

