2019 Executive Council Nominations

This packet includes information about the six nominees running to serve on the Executive Council for the 2020-22 term. The biographical and interest statements, received by the candidates by the deadline, are included for your review and consideration.

Nominees

- Justin M. Glasgow, MD, Ph.D., IA B '05 - nominated by PA Zeta
- Michael L. Peterson, IA A '89 - nominated by MI Gamma
- Matthew T. Pittard, UT B '01 - nominated by UT Gamma
- Joan M. Sciacca, CA M '87 - nominated by CA Upsilon
- George Youssef, NJ G '01 - nominated by the Tampa Bay Alumni Chapter
- Mennatoallah M. Youssef, Ph.D., VA G '04 - nominated by the DC Alumni Chapter

Biographies

- Glasgow, Justin – Page 2
- Peterson, Michael – Page 2
- Pittard, Matthew – Page 3
- Sciacca, Joan – Page 3
- Youssef, George – Page 4
- Youssef, Mennatoallah – Page 4

Statements of Interest

- Glasgow, Justin – Page 5
- Peterson, Michael – Page 5
- Pittard, Matthew – Page 6
- Sciacca, Joan – Page 7
- Youssef, George – Page 8
- Youssef, Mennatoallah – Page 8
Executive Council Nominees – Biographies

Justin M. Glasgow, MD, Ph.D., IA B ’05 - nominated by PA Zeta

I have been involved with TBP since my initial initiation serving my collegiate chapter through the roles of corresponding secretary, chapter president and chapter adviser. While completing medical school and internal medicine residency I had to step away before returning to serve as District Director in District 3. That position also allowed me to participate in the Wharton and University of Iowa marketing analyses of TBP’s image and support the website and marketing ad hoc committees at the last two national conventions. A recent job change and promotion has taken me away from District 3 and provided me the opportunity to serve on the executive council.

In my TBP roles I have identified several recurring challenges faced by chapters in their recruitment process. Professionally, I work as a quality director in healthcare examining how I can develop systems to efficiently provide high quality care and decrease administrative burdens. I believe this analysis needs to be brought to our recruitment program to help collegiate chapters connect with recruits and not waste time trying to obtain a list of eligible students. My other relevant professional role has been as chair of a special interest group and committee member on the membership committee in my professional society. From these roles I hope to bring to the EC ideas on how we can engage membership (students and alumni) to first enrich their personal and professional lives, but also provide avenues to engage in the business activities of the organization and ensure that the voice of membership is heard throughout the decision making process.

Michael L. Peterson, IA A ’89 - nominated by MI Gamma

Mike Peterson (IA A ’89) has been nominated by the Michigan Gamma chapter to run for election to the Executive Council for the 2020-2022 term. Mike started his engineering career with a degree in EE from Iowa State University, where he was president of his chapter during his senior year, overseeing the 1988 National Convention and the founding of the Iowa State PrISUIm solar car team; his chapter also earned the R.C. Matthews Outstanding Chapter award in 1989. Mike served Tau Beta Pi as a District Director for District 7 for 2 years, and as an Engineering Futures facilitator for 24 years. Professionally, Mike spent his career at General Motors working in a variety of manufacturing engineering and corporate strategy/planning positions, as both a technical expert and manager from 1989 until his recent retirement at the end of 2018, with a break early on to earn master’s degrees in mechanical engineering and management from MIT. As a potential future member of the Executive Council, Mike is looking forward to supporting the refinement of the Executive Council’s Strategic Plan, with a particular interest in continuing to strengthen TBP’s programs for professional development of its members, and also ensuring that the organization has a strong financial base to support its programs and success for years to come.

Personally, Mike has been married for 25 years to his wife Michelle, and is part of a 3-generation TBP family. His father was a Sigma Tau member from South Dakota School of Mines, and his two sons are recent graduates of the MI G chapter at University of Michigan. His daughter graduated high school this year as well, and is also looking forward to pursuing engineering in college. His hobbies include teaching, fitness, and historical fiction.
Executive Council Nominees – Biographies

Matthew T. Pittard, UT B ’01 - nominated by UT Gamma

Matt Pittard, an Idaho native, obtained his Master’s Degree in Mechanical Engineering from Brigham Young University in 2003 with a research emphasis in computational fluid mechanics and fluid structure interaction. From school, he worked for Raytheon Missile Systems located in Tucson, AZ on kill vehicle technology within the Standard Missile 3 program. As a proud member of this successful team, Matt helped design several guidance, navigation, and control algorithms that have been fielded and are on alert to this day. After 12 years, Matt's desire to relocate to be closer to family drove a move to Hill Air Force Base in Ogden, UT working for BAE Systems, leading a team of Modeling and Simulation Engineers for the Ground Based Strategic Deterrent program. Generally, Matt's ideal job would be one where he works with numbers, big data, plots, formulas, and most importantly, people.

Personally, Matt is the proud father of five beautiful boys and enjoys participating in their development as good men. He enjoys playing and watching sports including basketball, baseball, and running. His favorite times are spent with family. He currently resides in Layton, UT.

Matt's has been an active participant in Tau Beta Pi since his initiation into UTB in 1999. He has served as president of his chapter, chapter advisor to AZA and District Director in both District 13 and currently 12. It was during these service opportunities that he caught the vision of the organization and the benefit it gave to him and the profession he loved.

Joan M. Sciacca, CA M ’87 - nominated by CA Upsilon

Joan Sciacca is a graduate of California Polytechnic State University, with a Bachelor of Science in Aeronautical Engineering. During her senior collegiate year, she served as the Tau Beta Pi, California Mu, chapter president. She participated in design meetings for the Engineering Futures program in the late 1980's and facilitated sessions from 1987 through 1998. Joan retired after a diverse career over 30 years with Honeywell International where she held leadership positions in engineering project, field support & aircraft engine test, business management, program & product management, a joint venture with General Electric, a $1B divestiture transition, operational & process excellence, six sigma and lean problem solving, business continuity management, global strategic sourcing, customer & product support, global internal consulting and human resources talent management. She is the founder of Finestra Consulting, LLC where she continues to follow her passion for process excellence and coaching/mentoring early and mid-career professionals in leadership and leadership presence. She has been a volunteer mentor with Menttium since 2008. Joan enjoys being outdoors and fills her spare time with travel, snow skiing, show shoeing and hiking. She is the proud mother of two sons; an Electrical Engineering and a Civil Engineering.
Executive Council Candidates – Biographies

George Youssef, NJ G ’01 - nominated by the Tampa Bay Alumni Chapter

George is a graduate of the New Jersey Institute of Technology (NJIT) where he earned a bachelor of science degree in electrical engineering, cum laude, and NJIT’s Albert Dorman Honors College. George joined the General Electric company field engineer program in 2002 working on gas turbines around the globe. George has served in a number of positions including field engineer, resource engineer, training manager, and senior customer service leader in areas ranging from New Jersey and Georgia, to Dubai in the United Arab Emirates. In a recent position, he was responsible for outage planning and execution, upgrades, and parts and repairs for ten nuclear power plants in PA, NJ, and CT. He held a service director position supporting Both Boiler Services Business and Gas Services Business in the western part of the United States. While at NJIT, he was active in Tau Beta Pi and served as a chapter president. George was a District 2 Director from 2009-16 covering the six chapters in New Jersey. He is married with one daughter. During his free time, George enjoys traveling and meeting new people.

Mennatoallah M. Youssef, Ph.D., VA G ’04 - nominated by the DC Alumni Chapter

Menna is a graduate of Old Dominion University, where she earned a bachelor of science magna cum laude and an M.S., both in electrical engineering. She then attended the University of Dayton, completing her Ph.D. in 2011 focusing her research on pattern recognition and computer vision applications for human activity recognition. Menna was a Graduate Student Research Program fellow and Virginia Space Grant Consortium fellow at NASA Langley researching electromagnetic propagation in aircraft fuselages and interned for NATO working on passive radar scenario testing. As an instructor at Old Dominion, she developed a strong interest in STEM and education reform that led her to work on developing initiatives in rural communities in the Middle East and North Africa region. In 2014, Menna joined the United States Patent and Trademark Office as a patent examiner in the image analysis workgroup. She served as a TBP chapter president and as an advisor for Virginia Gamma. Menna is currently a member of the Finance, Development, and Convention Program Planning Committees.
Executive Council Nominees – Statements of Interest

Justin M. Glasgow, MD, Ph.D., IA B ’05

Since initiation into Tau Beta Pi I have enjoyed my membership and participation in the organization. As I have balanced the demands of my professional training and development I have served the organization as a student member (corresponding secretary and chapter president), chapter advisor, and District Director. One thing this experience has afforded me is the opportunity to be intensely involved for several years, step away, and then return to assess how the organization has evolved during the intervening years. I returned as a district director to the first convention where we elected the first set of rotating executive council members rather than executive slates which was a surprise, but a well thought out change that I believe is instrumental to the stability and growth of the organization. During the last 3 years, I have given consideration to how we position ourselves to best use technology to support chapters, actively engage the student and alumni membership to ensure life-long engagement with TBP, and how we ensure that an increasingly complex organization does not lose the voice of its membership in the decision making for the organization. My desire to help shape the future of TBP through these areas has driven me to apply to serve on the EC.

From my professional background I bring experience from working with teams to take the front end user experience and use it to identify needs for system change. I spend approximately half of my time in direct patient care as a hospitalist caring for the full breadth of medical presentations to a hospital. The remainder of my time is spent as Director of Quality for Hospital Medicine in which I work on driving improvement in quality within our group of hospitalists but also play a role in driving change throughout the healthcare system. One thing that healthcare has struggled with is how to effectively and efficiently integrate new technology into processes such that it supports and doesn’t hinder clinical practice, which I believe is a challenge TBP faces as an organization. I have also been active in my professional society, the Society of Hospital Medicine (SHM), most notably serving as the inaugural chair of the Quality Improvement Special Interest Group. The team I led was tasked with creating a community through which hospitalists across the country (and increasingly internationally) could continuously engage around experiences related to Quality Improvement in healthcare. Now as immediate past chair I continue to support the development of the group while also serving on the SHM Membership committee which affords me insight into how another organization approaches membership recruitment and retention, lessons I hope to share and adapt to TBP.

Michael L. Peterson, IA A ’89

I have always felt that Tau Beta Pi is a premier organization in many respects, not just for the caliber of its members, but also for the dedication that countless volunteers and staff have put into it over the past 133 years. (Wow, that’s a long time!) Tau Beta Pi has the enablers in place to strengthen and grow its members in many dimensions, through scholarships, professional development, and support of a dedicated and focused Headquarters staff; these enablers make it possible for the students to execute hundreds of amazing projects for the good of their members, schools and communities, which in turn benefit society and the Tau Beta Pi organization for generations to come.
I would be honored to be part of the team to help continue Tau Beta Pi’s success in these areas, and to work with the students and officers of the organization to strengthen the organization for years to come.

In particular, I have corporate experience with budgeting & business case analysis which I think will be helpful in supporting strong management of the organization’s finances; I also have worked with professional development in many dimensions, from developing and delivering training to mentoring and coaching my own team members as well as others, and I would look forward to leveraging that experience to help strengthen Tau Beta Pi’s professional development programs to make them even stronger in the future.

Matthew T. Pittard, UT B ’01

Matt Pittard, an Idaho native, obtained his Masters Degree in Mechanical Engineering from Brigham Young University in 2003 with a research emphasis in computational fluid mechanics and fluid structure interaction. His research emphasis lead him to the simulation department within Raytheon Missile Systems located in Tucson, AZ. During his tenure at Raytheon, Matt worked on kill vehicle technology within the Standard Missile 3 program from the Missile Defense Agency portfolio. As a proud member of this successful team, Matt helped design several guidance, navigation, and control algorithms that have been fielded and are on alert to this day. Matt specifically enjoyed flight testing the missiles at the Pacific Missile Range facility in Kauai, HI. Of the many highlights in his career at Raytheon, he identifies his participation in Operation Burnt Frost (the intercept and destruction of a non-functioning U.S. National Reconnaissance Office satellite named USA-193 that posed a risk to landing in a populated area). While at Raytheon, Matt served in many leadership positions including those for Guidance, Navigation, and Control, departmental management, as well as Modeling, Simulation, and Algorithm Development. After 12 years, Matt’s desire to relocate to be closer to family drove a move to Hill Air Force Base in Ogden, UT where he took a position with Draper Laboratory. At Draper, he assisted the US Air Force with an Enhanced Ground Testing program for the Ground Based Strategic Deterrent (a replacement to the Minuteman III Intercontinental Ballistic Missile). Today, Matt works for BAE Systems, leading a team of Modeling and Simulation Engineers for that same program. Generally,Matt’s ideal job would be one where he works with numbers, big data, plots, formulas, and most importantly, people.

Personally, Matt is the proud father of five beautiful boys and enjoys participating in their development as good men. He enjoys playing and watching sports including basketball, baseball, and running. His favorite times are spent with family and he currently resides in Layton, UT.

Matt’s has been an active participant in Tau Beta Pi since his initiation into UTB in 1999. His interest in the organization heightened as an officer when he submitted a winning bid to host the National Convention in SLC over the course of two years. It was during that time that he caught the vision of the organization and the benefit it gave to him and the profession he loved. During his first few years in Tucson, he volunteered as an advisor for the University of Arizona. Then, in 2010, he filled the position of District 13 Director, overseeing operations for all the Arizona chapters as well as a few in New Mexico and Texas. He enjoyed attending initiations in the various locations and involving his family in the chapter operations. In 2015, he was fortunately enough to fill a vacancy
Executive Council Nominees – Statements of Interest

in the District 12 leadership. He has been serving as the district director for the west half of District 12 ever since.

Matt loves the values and principles of Tau Beta Pi. Serving in various capacities within the organization has been a fulfilling part of his life and he would like to extend his leadership experience to include a place on the Executive Counsel. Here, he believes he can leverage his past experience with the organization as well as his professional management training to guide the organization over the next three years.

Joan M. Sciacca, CA M ’87

I joined Tau Beta Pi through the California Mu Chapter (California Polytechnic State University, San Luis Obispo). I was drawn by the vision of the Executive Council in the mid-1980’s to provide practical professional tools in interpersonal skills. Tools which engineers need to be successful yet were not getting exposure to as part of their curriculum. This vision manifested itself as Engineering Futures Program.

Throughout my collegiate years and early career, Tau Beta Pi played a significant role in forming who I am.

We can all point to pivotal moments that made a huge difference in our lives. As a student, while self-confident, I was quiet and shy. I would process things in my head and only speak after I had formulated a thoughtful response. This resulted in many missed windows of opportunities. Before I could express myself, others would jump in and say what I was about to articulate. I attended one of the early Engineering Futures programs offered by my Chapter. I was intrigued that Engineers would come to our campus to teach us classes, on the weekends, about how to be successful as Engineers. Their mission was to impress upon us that being intelligent and technically sharp was not enough. We needed interpersonal skills about how to work in teams, manage meetings and interact in a professional environment. I’ll never forget the moment our facilitator (John Luchini) flipped a switch in my head. It was something so small and so simple. I’m sure he never realized the impact which he had upon me. He simply said, “Joan, you look like you have something to say.” He held open the window and I grasped the opportunity with both hands.

That moment was instrumental in my desire to become California Mu Chapter President. I wanted to make a difference.

During my senior year, I was given the opportunity to participate in the Engineering Futures design sessions. It was a great honor to be able to participate in something that would influence so many Engineers for so many years. Over the next 10 years, I continued to facilitate Engineering Futures sessions. I wanted to give back.

I’ve continued to follow my passion, opening windows through coaching and mentoring. I have been involved with Menttium since 2008. I have made coaching and mentoring early and mid-career professionals in leadership and leadership presence part of my consulting business (Finestra Consulting, LLC http://www.finestraconsulting.com/).

I look forward to bringing my experience and enthusiasm for shaping our future engineering leaders back into Tau Beta Pi as a member of the Executive Council.
Executive Council Nominees – Statements of Interest

George Youssef, NJ G ’01

The combination of serving as a Chapter President, District Director and an EC member plus my professional expertise in the corporate world in leadership roles will help support the EC and the rest of the team and deliver the results we inspire for the associations and execute on the Strategic plan in motion.

Mennatoallah M. Youssef, Ph.D., VA G’04

Nominee did not respond by deadline.