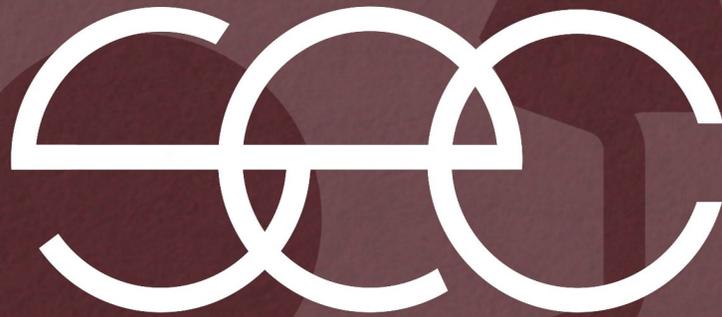




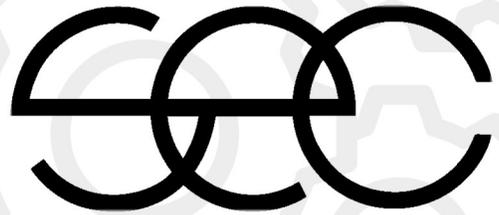
Texas A&M University®



Student Engineers' Council

2019 - 2020

EST. 1939



STUDENT ENGINEERS' COUNCIL

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THE SEC

Strives to be the
representative voice
of all engineering
students



Increases
engineering awareness
through its programs and
events

Fosters the
professional advancement
of all engineering students
within the College of Engineering





Howdy,

My name is Abhi Dhillon and I have had the pleasure of serving as the President of the SEC for the academic year of 2019-2020. This past year has been immensely transformative for both myself and the Council. Moving into the position, I was fortunate to be joined by an incredibly dedicated and capable group, the rest of my Executive Board. Shortly after, we were joined by an incredibly hard-working and inspiring group, our Executive Council. The community in SEC has by far been one of the Council's greatest strengths over this past year. We as a Council were able to face challenges head-on by leaning on each other for support. This is evident through the massive transformations to the Career Fair or EnVision and the contingency planning of E-Week. The Executive Council has been reliable and optimistic throughout the year, and I will always be appreciative of their dedication.

This past year has brought forth many changes to our Council, from the expansion of our Fall Career Fair to Kyle Field and The Texas A&M Hotel and Conference Center, bringing over 140 additional companies to recruit Aggie Engineers, to the rebranding of EnVision. I have been continually amazed by what the Executive Council has not only been able to ideate, but execute. It has been an incredible honor of mine to witness leaders in the Council step-up and to support their ideas and development.

I have been incredibly proud of the work my Executive Board has accomplished over this past year. Although much of what we do is unknown to many members of the Council, the impacts are ones that will have long lasting impacts on the Council. From continuing to develop our scholarships, to introducing an incredible initiative to financially support the Engineering Entrepreneurship Program, to strengthening our relationship with the College of Engineering administration, we have worked to ensure the continual success of SEC.

Finally, I have been immensely thankful for the General Council. I believe every EB and EC member will agree with me in that nothing SEC does is possible without the General Council. The General Council is truly the backbone of SEC and allows us to have the impact on the community we have. Without the General Council there is no Council and there is no SEC.

This past year has been an incredible honor of mine and one that, coming into the Council, I was not expecting at all. As a new member I was intimidated by the leadership and professionalism of each of the individuals of the Council. However, what shocked me was how inclusive each of them were, and how excited they were to have me as a part of the SEC community. Further, I am reminded of the various mentors within the Council who have shaped my experience and have constantly pushed for my development. SEC truly creates leaders, both in the College of Engineering and in the professional world. It has been an immense pleasure of mine to serve as President over this past year, and I am incredibly excited to see what the future holds for SEC.

Best Regards,
Abhi Dhillon '20



Howdy everyone!

I realize it's been a while since we have been able to see and talk to each other, but I hope this yearbook puts into perspective the amount of amazing work we completed as a council during the 2019-2020 school year. While the past few months have been filled with a lot of uncertainty, there is one thing I am certain about: this pandemic won't stop the amazing things SEC is doing. Even though we are stuck in our homes social distancing, we are still seeing members bonding with each other, chairs meeting to discuss new ideas and the new Executive Board working incredibly hard to prepare for the next year. This organization continues to amaze me every day.

This past year as Executive Secretary, I have had the pleasure of getting to work with some of the most dedicated and hardworking people I know. It was a pleasure serving with them to try to make your experience in SEC, and Texas A&M as a whole, the best it could be.

Servant Leadership has always been something that is very important to me. John C. Maxwell says, "True Leadership must be for the benefits of the followers, not to enrich the leader". This is something I wanted to put into practice with my roles in SEC. As Executive Secretary, I was never the one spear-heading an event, but rather I got to be on the sidelines, supporting my other team members and helping out where ever they needed me. I wanted make sure that I was there to support the members of SEC no matter how that looked. I discussed with the Executive Board and I was able to institute mid-semester wellness checks, in order to make sure all of the members were doing ok and given a proper outlet to discuss their wellness. We also set aside meeting time in order for students to practice their listening skills and get to know other members in the council better. This was so important to me because I wanted to make sure all of our members were equipped with the skills to be strong leaders within the college and once they graduate.

If there is one piece of advice I can share, which I have reflected on a lot this year, is something that the former mayor of Houston told me at a conference I attended last fall: "Treat leadership like a privilege, not something you are being forced to do". Being a member of SEC, we are all leaders within the College of Engineering. And sometimes, if we aren't the ones leading the event, we can feel like volunteering is something not worth our time. However, we were all selected to make a difference within the college. So instead of thinking about it as just swiping student ID cards for an industry night, think about it as giving students the opportunity to learn about the company they have dreamed about working at since middle school. Or if you are working the drink cart at career fair, you are giving beverages to the recruiters who are going to be offering your classmates jobs. It is all about perspective and we have the privilege to be doing these things for the college. And if you look at it like that, events become a lot more meaningful.

I miss you all immensely and am so disappointed that I could not say good bye to you in person! However, just know that I am so proud of you and am excited to continue seeing what amazing things this council will do in the future!

It's not goodbye, it is just see you later.

Nadia Whitehouse '20

ARCHIVIST



Howdy,

The 2019-2020 academic year went by so quickly and all the things I've learned while being in the SEC have forever impacted me and continue to help me grow as a person. The archivist role although being relatively new gave me the opportunity to explore new skills and apply them to my daily life.

I want to thank everyone in the executive board and executive council. Without you, this yearbook project would've been impossible. Thank you so much for your hard work and the constant passion you continue to bring forth to the council. I want to especially thank Brandon Merrill and Kendall McGinnis for helping me with this yearbook project, and Nadia Whitehouse for her continuous support and dedication to me.

I hope that this yearbook brings everyone a bit of joy in the current situation we're in, and that we all find ourselves healthy and safe.

Best,

Pamela Ortiz '21

Archivist

Fall 2019 – Spring 2020



A circular graphic with a textured, light purple background. Inside the circle are three interlocking gears of different sizes, rendered in a light yellow color. The word "DEVELOPMENT" is written across the center of the circle in a bold, white, sans-serif font with a black outline.

DEVELOPMENT



Howdy,

It has been an absolute privilege to serve as the Vice President of Development for the 2019-2020 Academic year. While my time was cut short due to COVID-19, I have had the amazing opportunity to work with incredible people within EB, EC, and GC. This past year has allowed me to grow and develop friendships that will last a lifetime.

Looking back, I am beyond proud of what this Council and the Development Division have been able to accomplish. This started with the Fall 2019 Career Fair being expanded to Kyle Field and the Texas A&M Hotel. The expansion took an amazing effort from the Career Fair Co-Chairs and coordinators to accommodate the many changes. The Career Fair is also moving to a more sustainable route with many changes being implemented in the Spring 2020 Career Fair to allow the event to become more environmentally friendly. ProTrip took us to San Francisco, CA where we connected with Google, Chevron, L3Harris, Stryker, and Celo, a small startup company. Not only did this trip allow members to get to know each other better, but it allowed our members to gain a different perspective on the professional world.

Engineering Development implemented a new Speaker Series into the Industry Night rotations. This Speaker Series allowed a professor from the College of Engineering to showcase their work and bring a different level of passion for the students. Also, DI Saturday was done in the Fall semester for the first time. Students would be able to get a closer look into an engineering major at the beginning of their coursework. Corporate Relations worked on securing companies for a variety of SEC events. By reaching out to companies individually, we were able to secure BP, Caterpillar, and Williams as sponsors for E-Week and Phillips 66 as a sponsor for TREC. Lastly, Finance and our CFO worked hard all year long to ensure that all accomplishments and events in the Council would be possible. Further steps have been made towards FinanceHub to better streamline a process for various payments.

Needless to say, I am very proud of the work that the chairs, coordinators, and members of the Development Division have been able to accomplish this year. Long hours have been put in behind the scenes by the committee chairs and members to better ensure that all of our operations run smoothly. Everyone that I have had the pleasure of meeting has not only allowed me to grow as a person but made me realize why I joined SEC initially. Everyone in SEC truly has that passion and drive to give back. I am proud of everyone in this Council and am excited to see what the Development Division accomplishes in the future. Thank you for allowing me to serve as the Vice President of Development this year and I hope everyone the best!

Sincerely,
Sabrina Pardoe '20

CAREER FAIR

Fall 2019 - Spring 2020



The SEC Engineering Career Fair is the largest student-run Career Fair in the nation, and is a culmination of each and everyone of our member's dedication to serving the College of Engineering. This event requires the commitment of all 130+ students that comprise our Council each Fall and Spring, accurately representing the effort we put into instilling the Engineering student body with the opportunities they have earned to jumpstart their Careers.



Allison Godfrey '19
Career Fair Co-Chair
Spring 2019 - Fall 2019



James Swanson '21
Career Fair Co-Chair
Fall 2019 - Spring 2020



Blake Fishbeck '21
Career Fair Co-Chair
Spring 2020 - Fall 2020



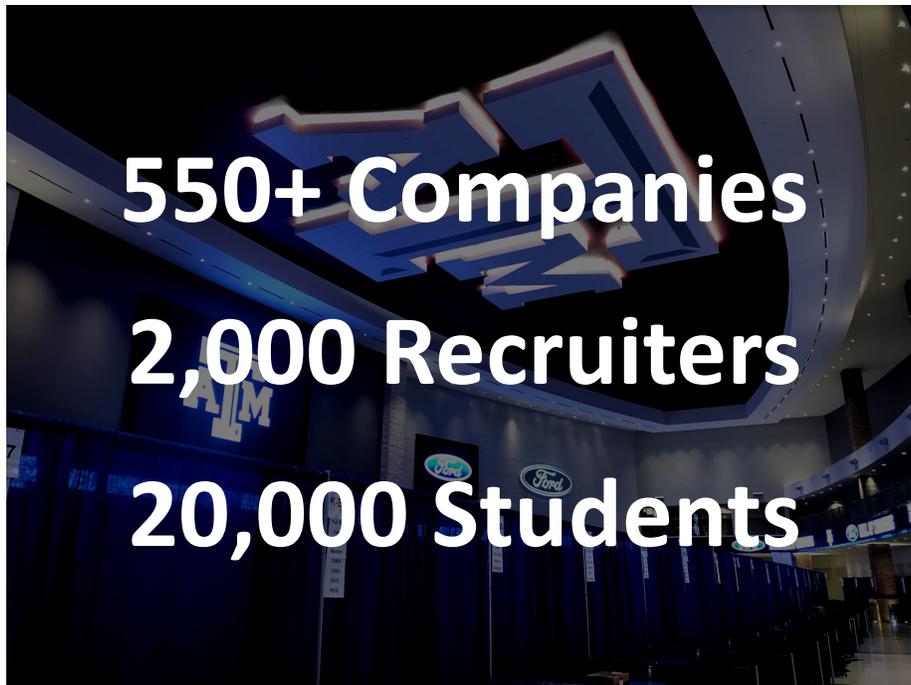
Kyle Beck '22
Career Fair Co-Chair
Fall 2020 - Spring 2021

CAREER FAIR

Fall 2019

The Fall 2019 Career Fair marked a major milestone in this event's well established history by being held in both Kyle Field and the Texas A&M Hotel and Conference Center. This expansion allowed for an additional 130+ booth spaces, leading to record attendance numbers of 550+

companies along with close to 2,000 recruiters in attendance over two days. This exponential increase of industry representation allowed nearly 20,000 student attendees the opportunity to showcase their talents and uphold Texas A&M's reputation of being consistently one of the highest recruited institutions in the nation. The Fall 2019 Fair has evidently set the bar for future Fairs to come, thanks to the hard work of Chairs Allison Godfrey and James Swanson, as well as a number of previous Career Fair Chairs who set this plan into motion.



ASSISTANT TO THE CO-CHAIRS

Paul Venesky

OPERATIONS

Brandon Merrill

Allison Cline

WELCOME SOCIAL

Manav Patel

Josh Costa

PUBLICATIONS

Muhammad Alwan

Blake Fishbeck

HOSPITALITY

Abel Gonzalez

Aida Khalfaoui

MARKETING

Bailee Allen

Ricky Bengani

Alex Britt

COMPANY SHOWCASE

Ty Thibodeaux

CAREER FAIR

Spring 2020





ASSISTANT TO THE CO-CHAIRS

Michael Sporkin

OPERATIONS

Kyle Beck

WELCOME SOCIAL

Edward Gaffney

Drew DeHaven

PUBLICATIONS

Kendall McGinnis

Benjamin Wick

HOSPITALITY

Ashley Bilicek

Dean Hoff

MARKETING

Peter McElaney

Tyler Bagby

Sanjana Larrumbide

COMPANY SHOWCASE

Mason Ward



Looking forward, the Career Fair Team is working hard to implement major autonomous systems that will work to solve some of our biggest roadblocks yet. As mentioned previously, the accommodation of more students and companies than ever before is calling for major improvements logistically, and we cannot wait to showcase what we have in store for future Fairs to come. Thank you to all of the members of our Council that make this event possible!



CHIEF FINANCIAL OFFICER



Howdy SEC!

This past year I have had the honor of serving as the Chief Financial Officer (CFO) for the council. The position of CFO has made me look at our organization from a completely new perspective. Being a member of the Fiscal Board, it was my obligation to make sure that we utilized our funds towards the SEC mission statement in an ethical and responsible manner. This responsibility seemed daunting at first, but thanks to the support of Vice President of Development, Sabrina Pardoe, and the rest of the Executive Board, I was able to gain the confidence I needed to excel in the position. My favorite part about being CFO was definitely being able to interact with my fellow executive council members as they each prepared for their upcoming SEC event throughout the year. Working across all three divisions of the council is something that I am grateful for, and I am proud of all of the hard work and effort put in by the council this year to make an impact on the student body and our community.



As a graduating senior, my time at A&M is quickly coming to a close. These past three years in SEC have been extremely rewarding, as I have gained so much in the form of personal development, lifelong friendships, and an opportunity to leave a lasting influence on the college of engineering. If I could offer any advice from my college experience, I would encourage everyone to become involved in an organization/cause that you are passionate about. In our meetings, we frequently talk about “finding our why”, but I believe that answering this question can be a powerful tool that propels you not only during college but for the rest of your life. I look forward to seeing the continued impact that this amazing organization will have here at Texas A&M.

Best,

Cody Bishop '20

Chief Financial Officer

Fall 2019 - Spring 2020





ENGINEERING DEVELOPMENT



Jun Mo Kang '21

Engineering Development Co-Chair
Spring 2019 - Fall 2019



Arjun Rao '20

Engineering Development Co-Chair
Fall 2019 - Spring 2020



Gregg Garrido '20

Engineering Development Co-Chair
Spring 2020 - Fall 2020

ENGINEERING DEVELOPMENT

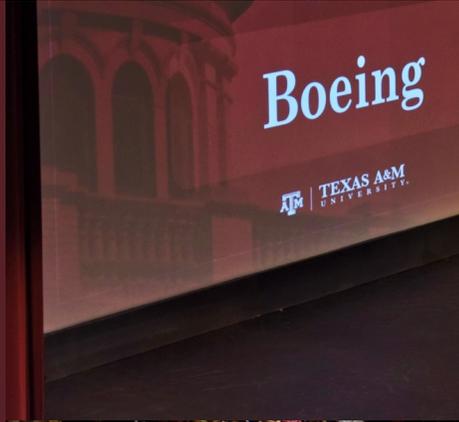
Fall 2019



The Fall 2019 semester had success across the board for industry nights, the first fall semester Department Information (DI) Saturday, and hosting SEC's first Speaker Series Seminar featuring Dr. Tim Jacobs. The speaker series was started to supplement Industry Nights by allowing professors who are eager to share their passions for their research studies to help inform engineering students of different opportunities before the major selection process. In addition, hosting DI Saturday both in the fall and spring followed the same goal: to benefit the students by getting them to think about the entry-to-major process earlier in the fall and then answering any unresolved questions in the spring. As mentioned, industry nights in the fall were all a success and had various industries speak, which included Boeing, Accenture, Marathon Petroleum, Dow Chemical, and Mathworks.

INDUSTRY NIGHT

Fall 2019



DI SATURDAY

Fall 2019



SPEAKER SERIES

Spring 2020



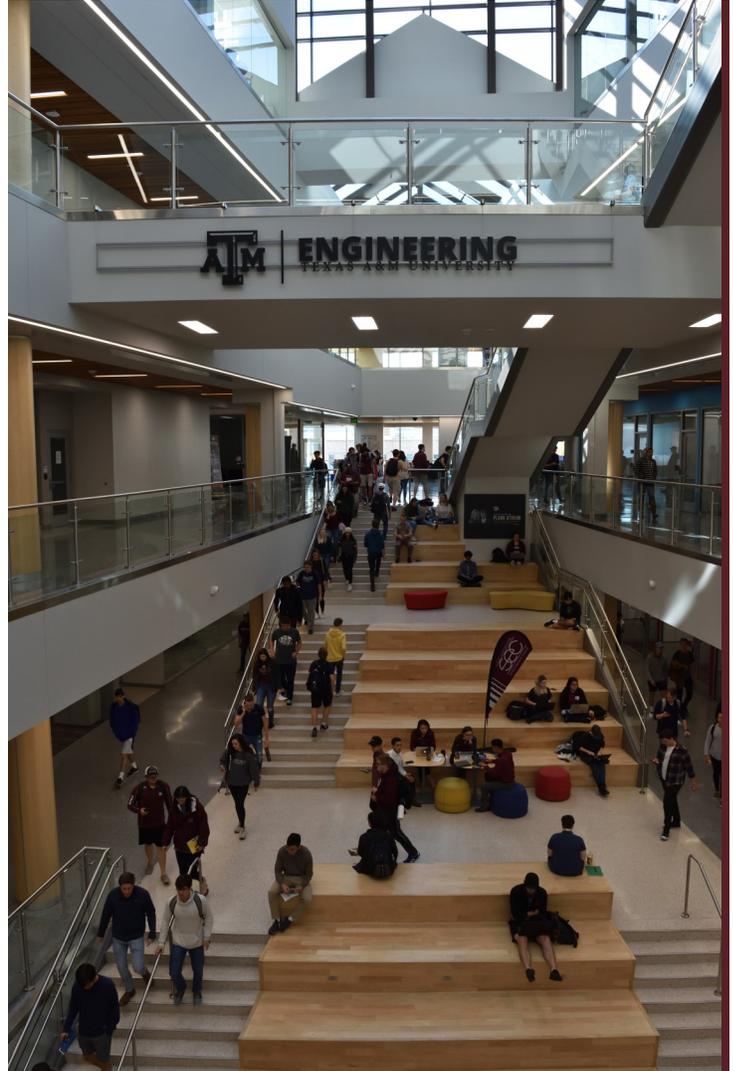


ENGINEERING DEVELOPMENT

Spring 2020

For the spring semester, we also had the intention of bringing Phillips 66, Kimberly-Clark, Boeing, among others. Spring 2020 was the quarantine semester that was brought on by COVID-19. Due to COVID-19, all but one of our events for the spring semester were forced to be canceled. Before the quarantine, we had another successful Speaker Series Seminar featuring Dr. Holtzapple. Engineering Development was also comforted in knowing that since a DI Saturday was hosted in the fall, freshmen were given enough information to not feel too uneasy about their selections for the entry-to-major process.

Although the semester did not go how we were intending, it has allowed us to start thinking about future semesters and how to improve and supplement our existing events while executing our mission to the best of our abilities. With the uncertainty of how the 2020-2021 academic school year will look like at this point in time, Engineering Development is working on various plans to accommodate any regulations or circumstances that may be implemented due to COVID-19. We, as a committee, will strive to still uphold the same level of professionalism while delivering events that will benefit engineering students across the whole college, whatever the situation may be.



CORPORATE RELATIONS



Sharat Kalaga '20

Corporate Relations Co-Chair
Fall 2018 - Fall 2019



Spencer Johnson '21

Corporate Relations Co-Chair
Spring 2019 - Spring 2020



James Kirkland '21

Corporate Relations Co-Chair
Fall 2019 - Fall 2020

The Corporate Relations Co-Chairs serve the Student Engineer's Council and the College of Engineering by being a point of contact for companies to interact with and by maintaining relationships with them so that we can aid in the professional development of both the council and the college as a whole. This manifests itself in three main fashions: organizing and acquiring speakers for both SEC meetings and for freshman Industry Nights, seeking out corporate sponsorships for various SEC events such as Career Fair, and helping in setting up corporate-led events like the Accenture Engineering Leadership Symposium.

This year we changed the process of selecting speakers for the general meetings. In order to better meet the interests of all the members in the council we created a survey that is sent out at the beginning of every semester to get a better sense of what kind of speakers and companies to target. This showed us that many of our members plan to go into fields other than engineering and prompted us to pick a greater variety of companies from different industries, such as Bain and Company.

In the fall, with the mission and support from Engineering Development, we were able to identify 5 key companies for Industry Night; Mathworks, Phillips 66, Boeing, Accenture, and Dow Chemical. These allowed us to connect with over 2000 freshmen engineering that are in the crucial stages of development in their academic journey. Unfortunately, with the COVID-19 impact that swept across our country, the remaining Industry Nights were canceled during the Spring semester. This gave us a unique opportunity to access our inventory of company contacts and redefine our portfolio moving into the 2020-2021 academic school year.



E-WEEK

TREC



With the university closure in the second half of the Spring semester, a lot of the planned events had to be cancelled. Luckily we still managed to have success within the first half. The Accenture Engineering Leadership Symposium grew even more this year. Over 7 different engineering organizations representatives attended and the limit of 50 attendants was reached.

As we look back upon this year and the COVID-19 crisis, we see a lot of ways that we can grow and have a positive impact during these difficult times. Now more than ever there needs to be effective communication between companies and students trying to start their careers. We are working with all committees of the Development Division to ensure that we are maintaining a united front, and being transparent with all of our company sponsors. We look forward to a year of dedication to serving the council, ensuring that company representatives are able to experience what makes SEC members truly excellent.





PROTRIP

San Francisco, CA



Jared Lilly '20

ProTrip Co-Chair

Fall 2019 - Spring 2020



Paul Venesky '22

ProTrip Co-Chair

Fall 2019 - Spring 2020

It has been an absolute pleasure serving as one of the ProTrip co-chairs this year. There were times throughout the summer and fall semester where planning the trip got a bit stressful. Once we got to the trip though, it was extremely exciting to see the whole thing play out. It was awesome to see the participants engage in all of the activities that were planned. From company visits to touring the city, everybody seemed to have a blast. Most of all though, watching the participants build new relationships with each other was by far my favorite part of the trip. Personally, some of my favorite memories in SEC are from a ProTrip that I have been on, so seeing these new memories being made was just the best. I'm extremely excited to see what this group of leaders will accomplish in the near future. Additionally, I cannot wait to see how ProTrip evolves in the coming years. Again, it has truly been a pleasure serving as one of the ProTrip co-chairs, thank you.

My time as ProTrip co-chair has been possibly the single most formative and influential experiences in my college career thus far. From getting to plan a trip to one of the most exciting and busiest cities in the country, to getting to know my fellow SEC members who would be joining us on the trip, to actually getting to see and experience all that San Francisco has to offer, the experience was a blast from start to finish. Now, I have no shortage of fond memories to take forward with me for the rest of my life (convincing the cable car conductor to let me ring the bell was definitely a highlight) and I am greatly looking forward to seeing how ProTrip - and SEC as a whole - grows in the future.



stryker

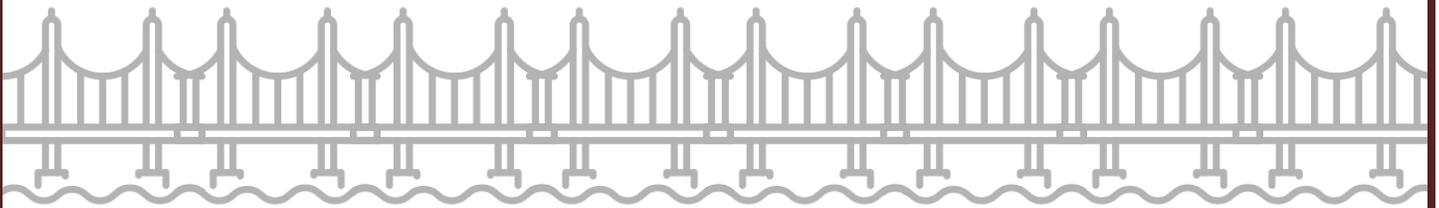


celo

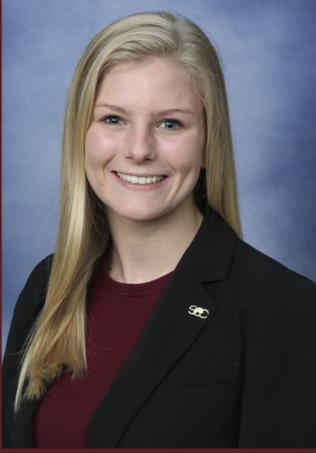


L3HARRIS

This year ProTrip traveled to San Francisco, CA. We had the opportunity to visit and network with representatives at Google, Chevron, Stryker, Celo, and L3Harris Randtron Antenna Systems. From touring the campuses to talking with the representatives, we learned about what it was like to work as an engineer at each company. We truly appreciate each one of the companies and the representatives who helped make this possible. Outside of the company visits, our group was able to explore the city of San Francisco and engage with its unique culture. We dined at local restaurants such as Sears Fine Foods, and ate fresh fish down at Fisherman's Wharf. Part of our group visited the historic Alcatraz prison while the rest walked through Muir Woods, a National Recreation Area with old-growth redwood trees. We visited Ghirardelli Square, rode through the city on a cable car, and last but not least, took pictures in front of the Golden Gate Bridge. It was surely a trip to remember.







Howdy SEC!

This past year was an incredible year for the External Division. From Envision taking place in Zachry, to Philanthropy's new partnership with the REACH Project, to company lunch and learns at E-Week, and a Freshman focused design competition hosted by TREC, the external division has made leaps and bounds on the Engineering Awareness front. I am so thankful for all the incredible chairs that made these events possible. If it wasn't for their creativity, initiative, and passion these events would not have been possible.

Serving on the executive board taught me how to be a better leader, teammate, and friend! I learned so much from Abhi, Sabrina, Nadia, and Justis! This experience is one I will not forget.

I hope y'all are safe and are finding joy each day! I am very excited to continue serving on the Executive Board and look forward to all the SEC accomplishes this upcoming year!

All the best,
Kiersten Potter '21

PHILANTHROPY



Sanjana Larrumbide '21

Philanthropy Co-Chair

Fall 2019 - Spring 2020



Allie Beall '20

Philanthropy Co-Chair

Fall 2019 - Spring 2020

This experience has been a great privilege and has provided us with so many unique memories, some of which we would like to share.

In the Fall of 2019 we had two E-day events, volunteered for Build, conducted a canned food drive, and hosted Winter Formal. E-Day was held at College Hills and Green Prairie Elementary Schools. There, we performed so many exciting science experiments for the students to enjoy but the fan favorites were the Giant Bubble and the Vortex! This year's Winter Formal was held on December 2nd at the beautiful Peach Creek Ranch. The night consisted of picture taking, s'mores, gingerbread house decorating, and so much more! The night was especially memorable because we were able to honor the graduating seniors and wish them the best of luck with their new endeavors.

In the Spring of 2020, the SEC officially partnered with the REACH Project. This new and exciting philanthropy perfectly aligns with our mission providing many direct benefits to A&M's on-campus support staff and their families. With a focus on reducing transgenerational poverty, we plan to provide educational courses on various topics that show young members of these families a myriad of opportunities that they may not know are available to them.

E-DAY

Fall 2019



WINTER FORMAL

Fall 2019



PHILANTHROPY

Spring 2020

The Philanthropy Committee had many successes early in the year but COVID-19 forced us to cancel other plans. Events such as the Glow 5K Run, the Physics Festival, the Big Event and the Gladiator Dash were dropped from the calendar. Still, we were able to continue spreading awareness and raising money for the REACH Project as well as offering remote tutoring to younger students who are struggling with online school work.





ENVISION



Carla Bassil '22

EnVision Co-Chair

Fall 2019 - Spring 2020



Harrison Vickers '21

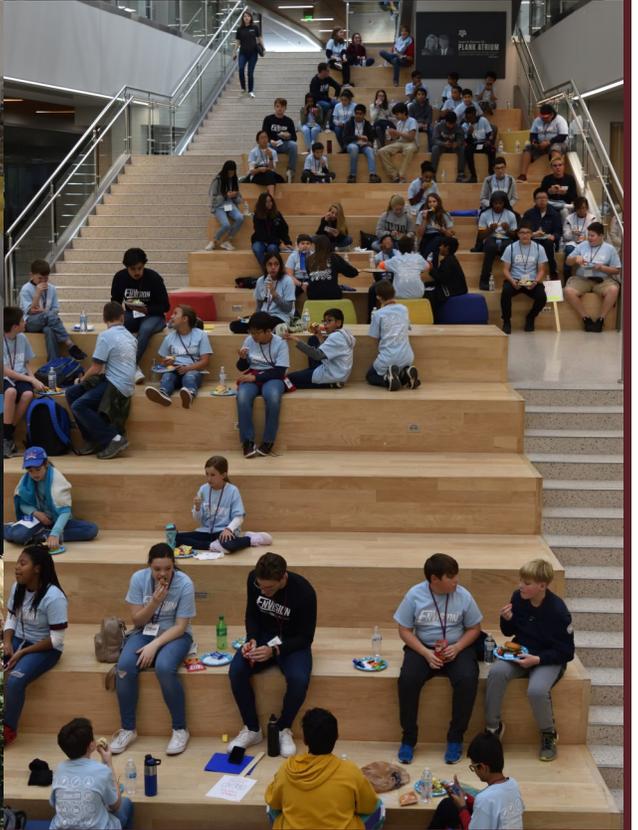
EnVision Co-Chair

Fall 2019 - Spring 2020

This past November, the EnVision Conference successfully introduced an engineering mindset to over 400 K-12 students from across Texas. Through the assistance of an excellent team of coordinators, team leaders, volunteers, society members, and more, these students were exposed to all disciplines of engineering through various activities. These activities included engineering competitions hosted by society members, student panels, lectures given by our guest speaker Shayla Rivera, a pre-built competition for our older students, and engineering activities hosted by SPARK! In addition to these successes, the conference also successfully transitioned from the Memorial Student Center to the Zachry Engineering Education Complex, allowing use of standard engineering classrooms and atriums. The students were able to walk the same halls as the College of Engineering's student body and learn about A&M's abundant resources for student learning and creativity.

The conference's success must also be attributed to the general council. The members who dedicated time to volunteer throughout the day as floaters ensured that everyone was where they needed to be and transitions were smooth. The Team Leaders played the most important role on the students throughout the conference. Their leadership and mentorship is still being recognized as students write letters to the office thanking their TLs.

In conclusion, the EnVision Conference was extremely successful in demonstrating and encouraging an engineering vision of the world. We would like to extend a huge thank you to everyone who assisted the production and execution. We were able to meet and surpass the expectations set for the conference. We are excited to build off of this year to create an improved conference in the future!





The conference would not have been possible without the work of each coordinator.

Libby Diamond, the **Operations Coordinator**, succeeded in securing an impactful guest speaker for each age category and ensured smooth transitions and functions the day of the conference. Her work was essential in transitioning the conference to Zachry. **Cassie Kay McQuinn**, the **Marketing Coordinator**, secured our participants by reaching out to public schools and promoting the conference through fliers and other media forms. Cassie played an imperative role in rebranding the conference from Spark to EnVision. **Dustin Acosta**, the **Pre-Built Coordinator**, created a challenging competition for High School students to prepare for throughout the semester and compete on the day of the conference. The competition he created required students to build better vehicle safety measures, which connected the engineering design principles to real life situations. **Victor Zheng**, the **Society Competitions Coordinator**, brought together groups of students from different engineering organizations to provide relevant and impactful design challenges for the students. He worked tirelessly to ensure that all competitions reflected the new mission statement to make a connection between engineering concepts to real world applications.

Isabelle Agurcia, the **Hospitality Coordinator**, set out to provide healthy and energizing meals and snacks for the students. Instead of pizza like previous years, she secured vendors for sandwiches, salads, and fruits. Each one of these coordinators played an essential role in the preparation and execution of the conference.



E-WEEK



Mason Kleinecke '21

E-Week Co-Chair

Fall 2019 - Spring 2020



Amanda Saldivar '21

E-Week Co-Chair

Fall 2019 - Spring 2020

E-Week granted a unique opportunity to serve students within the College of Engineering and provide them an outlet from the daily stresses engineering can bring.

Further, E-Week was a platform for new and exciting ideas to come to life, experiencing the whole process from brainstorming to execution and feedback.

It is an experience which provided many 'lessons learned' for both E-Week and myself.

We were able to not only help our students, but our community as a whole by letting engineering societies donate to a philanthropy of their choice. Being able to help the community in this way was more than Mason and I could have ever asked for.

Coming into E-Week 2020, the overarching goal was to bring excitement to the students of the College of Engineering. Further, E-Week 2020 strove to unite over 30 engineering societies on campus and provide career development opportunities for students. A new event included "Field Games on the E-Quad", where students competed on behalf of their engineering organization with a prize of donating to philanthropies of the winning societies' choosing. With this, the United Negro College Fund, the Leukemia and Lymphoma Society, and Priceless Inc. (a women's health organization) were donated funds totaling to \$1500! Alongside this, E-Week hosted its first Company "Lunch & Learn", where students gained valuable career advice and realized many company opportunities from presentations provided by representatives of BP, Caterpillar, and Williams.



Overall, E-Week 2020 introduced many firsts, with hopes of being a stepping stone for the years to come. With much growth ahead of it and awesome leaders in Ashley Bilicek and Dean Hoff to drive the growth, E-Week 2021 proves to be the best yet!





TREC



Laura Orellana '20

TREC Co-Chair

Fall 2019 - Spring 2020



Keeton Bailey '20

TREC Co-Chair

Fall 2019 - Spring 2020

The Texas A&M Regional Engineering Conference (TREC) committee hosts a design competition for freshmen engineering students. This past year, the competition implemented a pre-built aspect to give teams more time to develop complex ideas and create prototypes using manufacturing capabilities available at Texas A&M. Teams of freshmen engineering students received their problem statements and supply kits. Over the course of the next three weeks, the teams met with the associate professor mentors and built prototypes addressing an environmental sustainability problem. Finally, they present their projects at the judging event to a panel including industry representatives from Caterpillar and Phillips 66.

The purpose of this conference is to foster professionalism and interdisciplinary collaboration amongst engineering students starting their college career by developing a solution to a sustainability-related problem and presenting their product to a panel of university faculty members. The committee and sponsors of the competition alike were astounded by the amount of motivation, eagerness, and professionalism the teams displayed throughout the event. The caliber of the solutions they developed was beyond anyone's expectations and the sponsors indicated they were looking forward to participating in this event in the years to come.

The committee, with the help of Dr. Astrid Layton, chose a relevant theme for the conference and developed the problem statement for the competition to address environmental sustainability using bioinspiration. Since Dr. Layton leads a research team on the topic of bioinspiration, she was able to provide the teams with background and inspiration on the topic during her keynote speech. Furthermore, the committee planned and ran each of the new components of the competition: the kick-off and the judging events.







Howdy,

My name is Justis Morales, and I have had the honor and pleasure of serving as the Vice President Internal for SEC this past year. Internal has done a phenomenal job in maintaining and expanding upon the ways that we serve the Council and the College, and I'd like to take the time to touch on each of the Internal committees and some of their notable accomplishments

For starters, within Marketing, we have begun a close relationship with the College of Engineering's Soundbytes podcast. With our first ever SEC student co-host, I believe that this year has kicked off a unique and beneficial experience for the SEC and College alike. Marketing also successfully coordinated College of Engineering Apparel, of which all 100+ items were sold in just 3 days! With engineering societies, I have seen firsthand relationships being built, and our connections with other leaders in the College continue to flourish. SAGR also ran another 2 Engineering Open Houses this past year, of which we have seen over 30 student organizations, and a significant number of freshman and other students take advantage of this opportunity, and get plugged into the College. Systems administration made great strides in balancing the difficult task of developing members, and pushing out products this year, and I believe the new Co-Chair system will be a more effective way to continue to educate committee members, and maintain the culture of excellence within that committee.

Membership was a blast this year! We now have another 2 successful recruiting cycles under our belt, and 60+ new members with bright eyes set on making a difference in the SEC and in the College. I am excited to see so many new members, and challenge them each to take on something they haven't done before, and make tangible steps to become the leader they each hope to be. Legislation also made a great impact this year. In adapting our marketing for the survey, we successfully reached several thousand students, and delivered a phenomenal presentation this year to faculty. In addition, the committee went above and beyond the call of duty, and crafted a presentation to help the College respond to COVID-19. And lastly, Internal Relations has deeply impacted the Council through more engaging socials and opportunities, and have further bolstered the sense of community we have in the SEC.

With this year coming to a much different ending than we had expected, I urge you all to each remember the times we spent together. Remember 2019-2020 not for the situation we are enduring now, but for the incredible experiences and opportunities you have had with one another, and the impact you have made on others.

I have definitely already gone over my word limit, but I want to leave you here with my final thoughts as an EB member in SEC. Each of you has the potential to develop in ways you may not even currently be aware of. And so, I invite you to unlock your possibility, and begin to change not only yourself, but the world, one small action at a time. Thank you all for an incredible experience in the SEC this year, and I eagerly await seeing you all again in the Fall.

Internally Yours,
Justis Morales '21

MEMBERSHIP



Howdy,

The opportunity to serve the College of Engineering as Membership Chair of the SEC has been one of my most rewarding experiences in college. Of all the responsibilities from the Fall and Spring, managing the recruitment process was definitely the most significant. This included engaging with interested students at Open Houses, hosting informational sessions, creating a brand new poster, reading applications, conducting interviews and leading the new member orientation. One of the highlights that stands out as a particularly fond memory is the New Member Retreat from the second semester. The new members, along with several Executive Council individuals, participated in a service project of organizing a warehouse at Habitat for Humanity, then celebrated our hard day's work with pizza and bowling at Grand Station Entertainment! At first, I was quite worried about how the new members would respond to forced manual labor in a supposedly fun day of bonding with their peers. However, I was impressed by the way they tackled every task with ardent enthusiasm and goofiness, despite the occasional minor injury from carrying heavy glass objects. Throughout the day, I heard so much authentic, lively conversation sprinkled into their work, which only made me more certain that we had selected some fantastic new members.



The last month of COVID-19 induced shutdowns has offered plenty of time for reflection on the aspects of A&M that have truly mattered to me the past four years. While all of the previously listed events were necessary to my role, I believe that the intangible accomplishments, the ones I can't list on my resume, will stick with me the longest. One of these was the ability to be the first face that the new members saw upon entering the Council. Acting as a guide during these critical weeks gave me the chance to build unique friendships with younger engineers that I will treasure far into the future. The new members have far exceeded all my expectations in the way they have dived headfirst into everything that SEC offers. Their excitement, passion, humility, humor, and drive to give back has inspired me greatly in my last months at Texas A&M, and it is clear that their attitudes have been wonderfully contagious (in a good way)! It has been an absolute pleasure and a privilege to spend this time, however brief, with the new members, and I can't wait to hear about their countless achievements at this university in the years to come.

Best,

Henry Morgan '20

Membership Chair

Fall 2019 - Spring 2020

NEW MEMBER MEETING

Spring 2020



INTERNAL RELATIONS



Michael Sides '21
Internal Relations Chair
Fall 2019 - Spring 2020



SOCIALS

Ice Cream Social



80th Anniversary Social



SOCIETY & GRADUATE RELATIONS



Hayden Monroe '21

SAGR Co-Chair

Fall 2019 - Spring 2020



Josh Costa '20

SAGR Co-Chair

Fall 2019 - Spring 2020

The purpose of Society and Graduate Relations is to foster community between all of Texas A&M's engineering organizations. We do this through a wide variety of events, including but not limited to Engineering Open House, President's Round Tables, and Society Sports Tournaments. As Co-Chairs, our goal was to foster involvement and passion in the network last year's chair, Miles Hubscher, did so well. We wanted for our socials and events with other societies to be more group discussion focused instead of them feeling more like an SEC presentation. In other words, the goal was to encourage and enable societies to achieve their goals while creating opportunities for other societies to get involved. With other societies, a Society HUB of sorts was brainstormed and sent off to the SEC's Systems Administration committee. Additionally, we worked with IT to produce engineering society emails to make the officer transition process less confusing. Overall, we are glad to be Society and Graduate Relations Chairs as it enabled us to impact the lives of engineers and innovate current systems and communications.

Presidents Round Tables are a monthly opportunity for all society presidents and society representatives to gather in one place and discuss current events. We redesigned the entire way these meetings were planned for our year. We focused on increasing interactions between meeting attendees and encouraging discussion. We started with an icebreaker and then discussed SEC events, asking for their feedback wherever we could. Then, we would usually have a topic of reflection or leadership for everyone to think about, allowing for group discussion before ending the meeting with society announcements. Attendance was consistently at an all-time high, with 25 or more societies represented.

PRESIDENTS ROUND TABLE

As chairs we were tasked with running the second and third Engineering Open Houses ever, giving us a great opportunity to improve the event and build momentum. We expanded the original Engineering Open House, hosting over 30 different society booths and expanding from the Zachry Chevron rooms into the Atrium. We gave societies the chance to bring in their own demonstrations and projects, drawing more interested students in. We had a rolling slideshow play throughout this event with more society information and developed booth layouts to ease student experience. These slight changes and higher participation tripled the student attendance from 250 at the first Open House to 750 students at the second Open House.

ENGINEERING OPEN HOUSE



SPORTS TOURNAMENTS & SOCIETY FUNDING

In the Fall, we ran the annual SEC Soccer tournament, which featured high society attendance and offered a chance for societies to bond with others. This event is consistently a favorite among societies, and it was a privilege to partner with the REC center to make it happen. As for Society Funding, we had the chance to give over \$15k away to fund society projects. By doing this we enable a wide variety of things, ranging from outreach events with younger kids to the construction of student-built rockets. Both of these events have a wide impact on both the way societies interact with each other and how they interact with the SEC.





MARKETING



Ricky Bengani '22

Marketing Co-Chair

Fall 2019 - Spring 2020



Claire Thompson '21

Marketing Co-Chair

Fall 2019 - Spring 2020

It has been an honor for us to serve as Marketing Co-Chairs 2019-2020 to represent SEC and the College of Engineering. Despite the fact that our year was cut short due to the COVID-19 shutdown, we were able to accomplish several of our goals and make our mark as part of the Executive Council.

We began the year by preparing all the memberwear for the Executive Board, Executive Council and the General Council. As 2019 was the 80th year of SEC, we saw several opportunities to incorporate this theme into our projects. The GC T-shirts were uniquely designed with the "80 Years" logo. We continued to use it for water bottles and hats that we handed out to council members during the SEC 80 Years Birthday Party social!

Another big accomplishment was being able to strengthen our relationship with the College of Engineering by having Drew DeHaven join the official College of Engineering podcast, SoundBytes, as a co-host and SEC representative! With his help, we have been able to have EC and EB members feature on the podcast as guests to talk about their experiences with SEC and professional development. This has helped promote our organization at Texas A&M and allowed students to learn more about what we do!





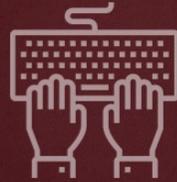
Marketing saw a huge ramp up in social media efforts this year as well. We were able to interview and select two amazing **Social Media coordinators** : **Peter McElaney** and **Mackenzie Gray**. Some of the things we wanted to do included increasing the variety of content and focusing heavily on our council members. The amount and quality of video content produced went up. In addition, our Member Moment series had record-breaking involvement from the council! Since 2018, SEC's following on Instagram has increased by over 600 putting us at 1,175 followers presently with increased engagement!



Our Engineering Apparel sales were a huge highlight of this year. We sold long sleeve and short sleeve T-shirts to the student body in the College of Engineering. It was extremely successful to say the least. Within the first 2 days of selling (out of the originally planned 5) we sold out! The hope was to order and sell another round of apparel but this, however, would not be possible due to the shutdown. Nonetheless, we are very optimistic about the future of Engineering Apparel and cannot wait to see it grow over the years!

Interacting with the rest of the EC, EB, and helping other committees promote their own events successfully allowed us to learn new skills and form great relationships. We also got to work with some outstanding committee members who made our roles so much easier by being willing to take up new projects and contribute to Marketing in any way possible. We are extremely excited to pass on the baton to two such members, Kendall McGinnis and Ryan Zermeno. Both of them have remained active in the committee making it a point to attend meetings and be involved with projects in whatever way they can. It is bittersweet having reached the end of our time as Marketing Co-Chairs, but at the same time we are delighted that our roles have been handed off to capable individuals and leaders who will undoubtedly take Marketing to new heights!

SYSTEMS ADMINISTRATION



The SysAdmin role provides many unique challenges of balancing the maintenance of our sites/systems, while creating a platform for new members to learn and contribute. When I came into the role, the committee had three members apart from myself. My goal was to lay the groundwork for future development. The first step was growing membership through recruitment. In the fall of 2019, we were excited to bring on seven new members, more than doubling our committee's previous size. In the Spring, we added five new members. As it stands, the committee is fortunate enough to have a total of twelve awesome members.



With an influx of new members, I hoped to provide structure to the committee to allow us to grow for years to come. I proposed to EB and was approved to turn the Systems Administration chair into a rolling co-chair position. I believe the new structure of the position will allow future chairs to not only maintain current systems, but create a culture with a desire for innovation.

SysAdmin allowed me to grow both technically and personally, and I am extremely grateful for the opportunity I had to serve in this role. The committee could not be in better hands than it is with my fearless co-chair, the one and only Dylan Theriot.

Best,

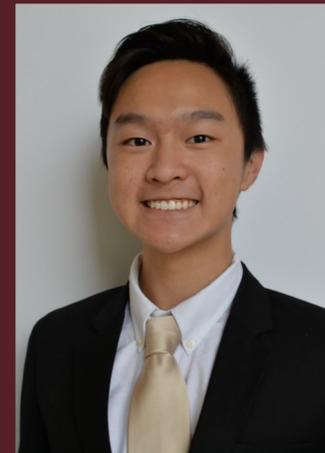
Kade Flitton '21

SysAdmin Co-Chair

Fall 2019 - Spring 2020



Before I say anything else, I would like to give a special shoutout to Kade Flitton for being such an amazing mentor and co-chair. He will undoubtedly excel as the new Vice President Internal, and I wish him the best of luck. We just hope he doesn't forget his roots and comes to visit often!



Becoming one of the Systems Administration co-chairs during this period of growth has been really exciting. With our increase in committee size, the biggest thing I wanted to set-up was a development process focused on teaching valuable industry skills. I also wanted to take this time to transition SysAdmin to more industry favored technologies. Although Rails, and specifically Ruby, is still used in industry, it is far more likely to find positions related to Python, React, and JavaScript. So while we're rebuilding MembershipHub from the ground up, we also have a chance to build the new Societies page with this technology. Hopefully picking this diverse list of languages and frameworks means that anyone joining in the future can find something exciting to work on, and it is likely this tech will stay at the forefront of utilization for many years to come.



Even in my short time as co-chair, I have had the opportunity to learn so much more about the managerial side of software engineering. One of the coolest accomplishments we had this semester was developing names for our projects. **Anooj Shah** is the **current project manager** for Project Spade, and I am acting as interim project manager for Project Kraken. And while the semester ended earlier than expected, I am really happy to see the enthusiasm of many members and their desire to continue working from home. The committee has had weekly meetings and many conversations on our learnings during the quarantine, and it has really helped give some normalcy and excitement back into our lives. More than anything, I truly believe this committee is stacked with talent, and I can't wait to see what they will develop for the SEC.

Best,
Dylan Theriot '22
SysAdmin Co-Chair
Spring 2020 - Spring 2021





LEGISLATION



Brandon Merrill '21

Legislation Chair

Fall 2019 - Spring 2020

Howdy all,

This past year, and really this Spring 2020 semester, has been quite the whirlwind for my time in this incredible organization that we call SEC. Stepping into this role a year ago, I had a minute view of all SEC did and a brief understanding of how the Legislation committee played into our mission statement. This past year has taught me leaps and bounds about how I work, communicate, handle assignments and conflict, and how to manage all of these things in a complex web of other driven and motivated leaders.

Over the course of the past year, the Legislation committee has worked hard to continue refining the content and processes for both the Engineering Student Survey and the First-Year Surveys. For ESS, we were able to completely revamp the survey, adding robust organization throughout by developing clearly defined sections and eliminating many of the open-ended questions that have kept survey participation low. Though our numbers were overall lower than previous years, I'm incredibly proud of how we were able to alter the main survey to better fit students' needs by asking questions surrounding mental health, adding to the graduate student section, among others. We were also able to further develop the FYS--currently in Year 3--by adding greater organization and increasing collaboration among the committee.

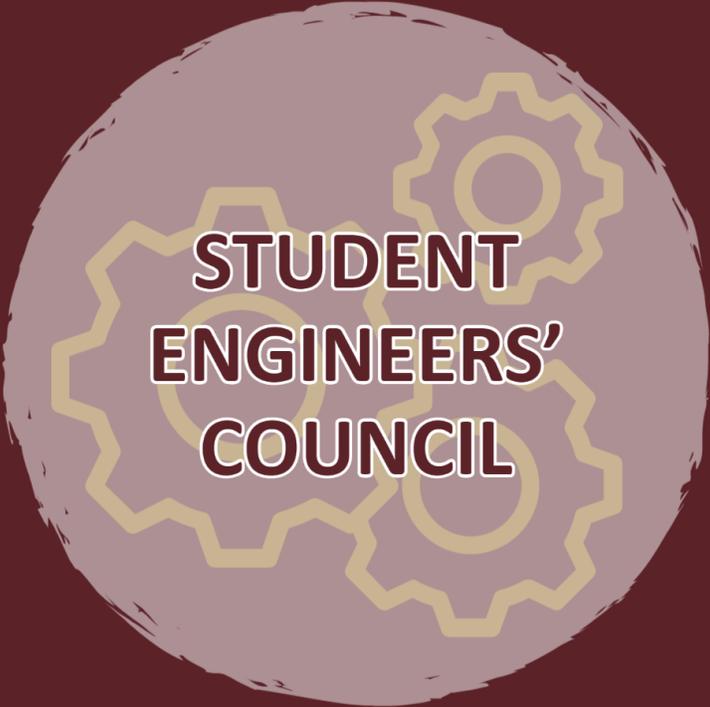
Another unique project I didn't anticipate a year ago was working with Dr. Weichold and administration to develop a survey about the College's response to COVID-19. In less than a week, we received nearly 3500 responses. Justis and the committee worked swiftly to create a results presentation! I couldn't be more proud of the committee for all of their work on this survey and for all they've done for our *regular projects*. *It's been an immense honor getting to lead a team that valued our collective student voice!*

Perhaps the biggest lesson I've learned outside of myself and the inner working of SEC is just the weight that our experiences as students carry in the mind of administration. At various times during our main ESS presentation, I got to see a crowd of educators sit up a little higher in their seats, lean over the table, and ponder why it is that we feel the way we do. I got to work extensively with Dr. Ogilvie and understand her passion for making the student experience better here at Texas A&M. I got to share a meal with Dr. Polycarpou, my department head in MEEN, where he let me speak honestly about my favorite--and least favorite-- teachers during my time as a student. I got to learn that we are taken seriously, not just as the Student Engineers' Council, but as students in the College of Engineering.

Lastly, I want to thank each of you. For all of the feedback from our presentation run-through. For braving adverse weather to pass out treats to survey respondents. For making it a point to have your voice heard. For all of the work you do for SEC that make these 4 years a little more enjoyable for the classmate to your left and right. For being a friend to many. For having an attitude of servant leadership.

Thanks and Gig 'Em!





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ENGINEERS'
COUNCIL**

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Abhi Dillon '20
Chemical Engineering



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Nadia Whitehouse '20
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VP Development
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Engineering



Cody Bishop '20
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Chemical Engineering



Kade Flitton '21
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Computer Science
Engineering



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Allison Godfrey '19
Career Fair Co-Chair
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Spencer Johnson '21
Corporate Relations
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Hayden Monroe '21
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Pamela Ortiz '21
Archivist
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Arjun Rao '20
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Chemical Engineering



Michael Sides '21
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Isabelle Agurcia



Bailee Allen



Muhammad Alwan



Katy Armitage



Addison Avila



Jacob Azbell



Tyler Bagby



Shikhar Baheti



Rohit Barichello



Sarah Beamer



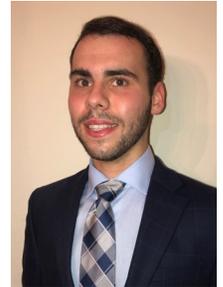
Kyle Beck



Baylee Becka



Ashley Bilicek



Alec Bischoff



Andres Blanco



Alex Britt



Ashley Bruno



Andres Vargas Bueno



Joseph Cano



Juan Cardenas



Elizabeth Cardona



Samantha Caswell



Monserrat Chavez



Allison Clarke

General Council



Allison Cline



Cameron Cooner



Evangelina Cruz



Austin Cwiklik



Drew DeHaven



Elizabeth Diamond



Remington Eklund



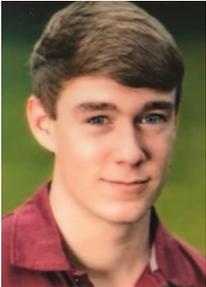
Nicholas Eley



Cora English



Oishik Faruque



Andrew Faust



Edward Gaffney



Jessica Ganley



Ellie Garrett



Abel Gonzalez



Mackenzie Gray



Ramzi Haddad



Garrett Hairston



Seth Hamilton



Reed Hampton



Nehemiah Hein



Makaylee Hinds



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General Council



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Antoine Joubran



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Jocelyn Lackey



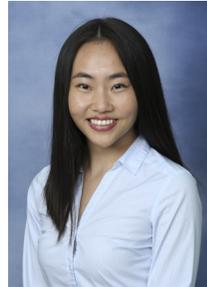
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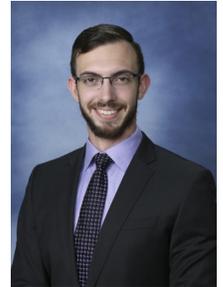
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Celine Martin



Leevin Mao



Vincent Mayer



Peter McElaney



Kendall McGinnis



Claire McKinney



Cassie Kay McQuinn



Justin Metzinger



Andrew Morrison



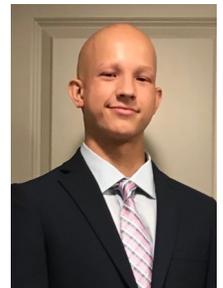
Olivia Moss



Albert Nguyen



Jacob Nolan



Zachary Nolan

General Council



Andrew Paré



Ellie Pasqualette



Wesley Pate



Manv Patel



Holly Patterson



Rajeev Peshori



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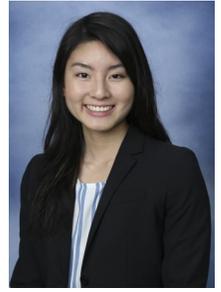
Rachel Stacey



Dylan Theriot



Ty Thibodeaux



Meghan Truong



Leah Tomotaki



Meghan Valenta



William Vo



R. Mason Ward



Kennedy White



Benjamin Wick



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“Make Your Mark”

**Student Engineers' Council
3127 Texas A&M University
College Station, TX 77843 - 3127
979.847.8567
sec.tamu.edu**