



SASE MAGAZINE 2018 CONTENTS VOLUME 8 NUMBER 1



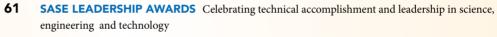
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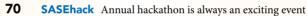


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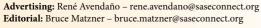
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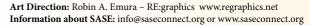
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Executive Director WELCOME

SASE Begins Its Second Decade

As SASE starts on its second decade, there are some major milestones that we should celebrate: SASE will have over 100 collegiate chapters within the next few months, SASE has fully committed to developing strategic engagement with our professionals and companies, and SASEfam is giving back beyond our initial yardstick. Even with these celebrations, there are yet still other milestones to achieve: be recognized as the premier talent source for APIA, be seen as the APIA organization, and be the source for training and networking of APIA leaders in corporations.

Reaching 100 collegiate chapters is a major accomplishment. One hundred chapters means that we have significant presence across the US and no other APIA (Asian Pacific Island American) organization has a larger reach and impact across the US than SASE. One hundred chapters means that we serve more APIA than any other organization. One hundred chapters means that we are the APIA torch bearer in talent, technology, and leadership moving forward. However, 100 chapters is not the ceiling, but a 30% saturation point along the journey of reaching 150 chapters within the next 3-5 years and 250-300 chapters within the decade in the US alone.

In June, we had our first ever campaign drive with a modest goal of \$1,500, given all the collegiate members. Within 48 hours, we blew past the goal because of the passion of our recent graduates. The board agreed to match the increase amount of \$2,500 and we were able to achieve a total donation amount of \$5,755. We believe that we provide value to our membership and invest in their careers and professional development. Our collegiate students have less means so we don't charge for membership and believe that this investment in our members will be returned many folds as they become successful professionals. Thank you for your generous donations and keeping the spirit of #SASEfam growing!

At the annual board retreat, the board unanimously approved SASE's strategy to engage professionals and organizations. That strategy has different components to address the following areas: career development for young and experience professionals, engagement with executives and value proposition to E/BRGs (Employee/Business Resource Group also called diversity councils or affinity groups). We are committed to continuing the development beyond the collegiate environment. At this year's national conference, we have developed a full day training for our professionals on Thursday, October 4. We have curated the top national trainers and are delivering it with an economy of scale, so all companies large and small can maximize their APIA employee's leadership.

We are creating an environment so that Asian executives or executives who champion APIA employees, have a forum to network with each other, learn from leading experts, and advise the professional program content of SASE. Leading our Executive Forum are

Sanjay Correa and Dennis Hirotsu, retired vice presidents of GE and P&G, respectively. Having these executives engaged and excited about the SASE mission will help propel our engagement with the corporations and support their APIA employees.

One of the challenges of E/BRGs is content procurement and management. SASE will be digitizing our content and providing access to our sponsors, so that their E/BRG chapters can assess the material from anywhere. This content will have: a) senior leaders discussing their journey, lessons learned and advice for younger generation b) webinars on germane topics such as speaking up, managing upward, taking on risky projects c) podcast about interesting topics to professionals: time management, work-life balance, leading tech, etc. We hope to add value to our sponsors by providing meaningful content that is aligned with SASE's mission.

With all of these new developments, we hope to advance our mission beyond collegiate as we celebrate our collegiate milestones. SASE will not rest on our laurels because we know that we have not even achieved our full potential yet.

If you are new to SASE, I hope you think about joining the SASE network to grow personally and professionally. This year was a watershed moment for APIAs in the movies. Joy Luck Club was the last major Hollywood movie (1993) that had an APIA cast. Crazy Rich Asian, which opens August 15, sent joy among many in the APIA community because an APIA story was being told on the big screen. Ken Jeong, who plays the father of the main female character's friend and also known for his TV show, Dr. Ken, and Hangover movie trilogy, said "There are certain jobs in your career that are commercial jobs and there are some that are passion jobs. This one is a passion job. It's just something I wanted to be part of. It's about wanting to be part of something monumental. Something that's bigger than me. I'm so giddy I'm part of this, I can't even tell you."

I feel this way about SASE and I hope you sense the excitement and passion from our members and at the conference. If you enjoy your experience in NW Chicago, please connect with us to learn how to extend that experience. I look forward to seeing you in 2019 in Pittsburgh for the next national conference as we continue to be the premier APIA organization and network.

Enjoy the conference and don't be shy to say hi to me.

Sincerely,

Khánh Vũ

Executive Director

SASE



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SASE 2018 BOARD OF DIRECTORS



SHEKHAR MITRA Co-Founder and President

Shekhar Mitra currently serves as Premium Consulting Partner at YourEncore, Inc and President of Innopreneur LLC, a global new venture and leadership development consultancy. Prior to this, Shekhar served as the Senior Vice President of Global Innovation for Procter & Gamble and was a member of top executive team, Global Leadership Council. He was on the ground in China starting P&G's well-recognized global innovation center in Beijing and led the start of the strategic partnership with the Government of India's Council of Scientific & Industrial Research (CSIR). He is passionate about enabling younger generations of scientists and engineers across all cultures, companies, and businesses to achieve their full potential as professionals. In 2010, he was awarded the prestigious Ellis Island Medal of Honor by the U.S. Congress for his contribution in touching and improving lives through his leadership in bringing break-through innovations and for community service.



SANJAY CORREA Vice President

Sanjay retired as a Vice President at GE in the Aviation business. His cross-functional teams in engineering, R&D, manufacturing, joint ventures, and supply chain operations were based in the US, Europe, India, Japan, and China. They addressed the aeropropulsion and power generation sectors. He enjoys leveraging the full complement of his business and scientific experience to drive innovation and change. Sanjay generates support and adoption for the implementation of new ideas at the highest levels of an organization. His work is characterized by a commitment to excellence, which includes serving as an engaged resource to promote the professional development of others, which has led to his position of Vice President on the SASE board.



TOM FERNANDEZ Co-Founder and Secretary

Tom Fernandez has had a varied career in corporate America, as an entrepreneur and in business development. Tom is currently Director in the Cincinnati USA Regional Chamber of Commerce's Minority Business Accelerator. He coaches businesses to add \$1Billion in sales and 3,500 jobs. Tom is on the Advisory Committee of Data Inventions, a SaaS company, and helped arrange individual and institutional investors. Tom opened two franchise spas with a staff of 50 employees. Tom had a 23-year career at P&G, holding positions of increasing responsibility in External Manufacturing, Chemicals, New Business Development, and Business Services. He led P&G's \$1 billion Global Energy Strategy and P&G Purchases Acquisition and Divestiture efforts. Tom has been active in Organizational Development since 1989, including as Recruiting Manager of Product Supply and new business development in the UK. In 2007, Tom co-founded SASE to help Asian heritage scientists and engineers achieve their full potential.



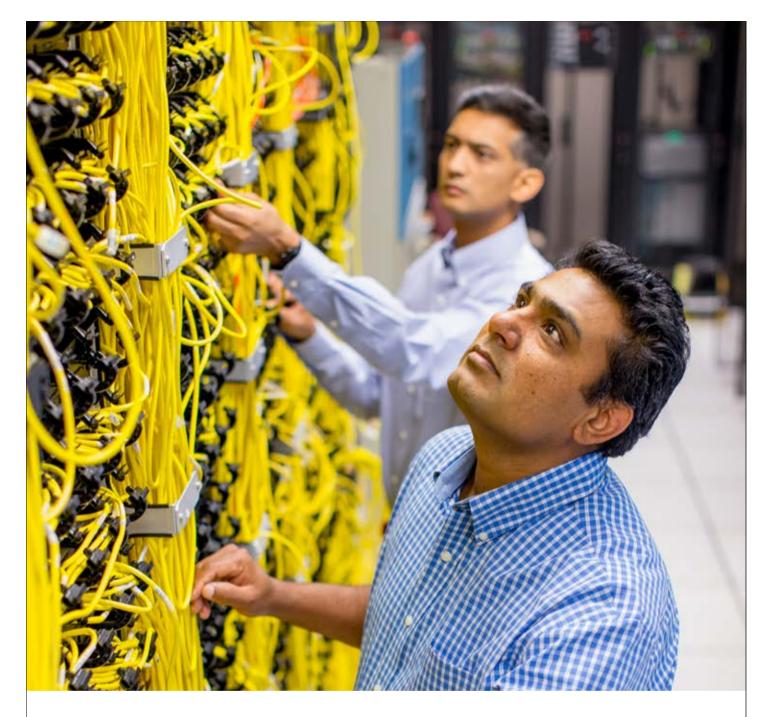
TABREZ MALIK Treasurer

Tabrez Malik is a senior executive with over 16 years of global leadership & P&L experience in operations, strategy, turn-around, commercial finance, FP&A, M&A, and regulatory compliance (GAAP, IFRS). Tabrez is currently CFO of \$1.5BN, Engineered & Product Solutions for ABB. Prior to this he has worked in multiple industry segments in leadership roles to drive operations and finance linkage for growth and business turn-around. He has trained through GE Corporate programs and was a trainer for corporate programs/training. He received the Multi Cultural Leadership Award as part of external recognition by the National Diversity Council. Tabrez is a graduate of Bhilai Institute of Technology, India with a Bachelor of Science Degree in Mechanical Engineering and also holds a Master of Science Degree in Mechanical Engineering from the State University of New York, Buffalo. Tabrez has additional responsibilities as Treasurer for SASE and sits on the SASE Board. He is based out of Atlanta, GA.



LEA HURLEY Board Member

Lea Hurley is a Vice President at Booz Allen Hamilton (BAH) and a leader in the Navy Marine Corps (NMC) account focused on serving Marine Corps clients from Europe to Asia. She leads the NMC Cyber Functional Management Team and serves as the Location General Manager (LGM) for NMC facilities in Washington DC, Arlington, VA, and Stafford VA. Lea has 18 years of combined experience in cybersecurity, 15 of those at BAH. Prior to her current role, she drove strategic investment activities focused on integrating the firm's resources to grow and transform the defense business. Prior to joining BAH, Lea served as a computer operator in the U.S. Air Force, assigned to Headquarters Pacific Air Forces. Lea has a B.S. in business management and is a Certified Information Systems Security Professional. In 2015, she was recognized as one of 40 most accomplished professionals under the age of 40 in the state of Hawaii. Lea serves as an executive sponsor to the Asian Pacific American Forum and supports STEM Girls for Social Good and the Women's Golf Networking committee.



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SASE 2018 BOARD OF DIRECTORS



KISHORE SUNDARARAJAN Board Member

Kishore Sundararajan is President of Engineering and Product Management for Baker Hughes, a GE company. In this role, Kishore leads 8,000+ engineers and product management through a vision built on systems-level thinking, lifecycle value, and customer collaboration. To advance solutions for across the energy value chain, he works across GE to leverage technologies. Kishore brings 25+ years of experience leading multi-functional, multi-cultural teams across Chemicals, Oil & Gas, Metals, Minerals & Mining, and Pulp & Paper industries. His relentless focus on customer needs has resulted in improvements to underperforming operations while balancing cost and growth. An engineer by trade, Kishore earned his Bachelor's Degree in Electrical Engineering in Bangalore, India. He has comprehensive history of training with Duke University, Indian Institute of Science, and the ABB University Program.



AJAY MEHTA Board Member

Ajay Mehta has worked at Shell for 22 years, mainly in Deepwater exploration and production. Following his first ten years in R&D, he assumed assignments in production operations and project management, including postings in Malaysia and New Orleans. In his current role as the General Manager for New Energies Research & Technology, he leads a global team tasked with developing innovative and competitive technology solutions to meet the needs of the energy mix of the future. Ajay holds a BS in Chemical Engineering from the National Institute of Technology, Karnataka, India, a PhD in Chemical Engineering from the Colorado School of Mines, and an MBA from the Massachusetts Institute of Technology.



SRINIVAS REDDY Board Member

Srinivas is currently the Director of Product Supply for P&G Global Grooming Business that includes some of P&G's iconic brands - Gillette, Braun, Venus and The Art of Shaving. Srinivas is responsible for Global Innovation, Supply Network Operations, and North America Product Supply. Srinivas led the Asian American affinity network for P&G Product Supply from 2006 until 2009 and also served as a member on the Asian American Leadership Team for the company. Srinivas graduated with a degree in Electrical Engineering from Georgia Institute of Technology, where he serves as the Executive Sponsor for P&G Recruiting. Prior to his current role, he led the Global Engineering organization for P&G Grooming. Srinivas started his career with P&G in 1990 at a Manufacturing Plant in Georgia as a Controls Engineer. Since then he has held variety of leadership positions in Product Supply and R&D with responsibilities across product innovation, process development, capital & program management, engineering, global expansion, and supply chain management.



SHWETA KURVEY-MISHRA Board Member

Shweta Kurvey- Mishra is a senior executive with over 13 years of global experiences in strategic human resources business partnership, executive and leadership development, and diversity and inclusion, in multi-billion dollar, fortune 200, public as well as private companies. She is currently the Vice President of Human Resources at Silver Eagle Distributors, a beverage distribution company based out of Houston, TX. Shweta completed her Bachelor's Degree in Commerce (Business) from University of Mumbai in India and earned her Master's in Organizational Communication and Master's in Human Resources and Labor Relations from Michigan State University. She has worked in several different environments, cultures and business structures that have required her to drive human capital strategies to make progress and deliver results.



KRISTINA HORITA Membership Representative

Kristina (Kristi) Horita works for The Boeing Company as a Government Supply Chain Services Program Integrator within Boeing Global Services. Prior to this role, she was a Product Review Engineer supporting Boeing Defense, Space, and Security programs such as the F/A-18E/F Super Hornet and EA-18G Growler Programs. She also previously worked at NASA, Orbital Sciences Corporation, General Electric Aviation, and Toyota Motor Engineering & Manufacturing North America in various engineering functions throughout the product life cycle. She received her Bachelors of Science from Virginia Tech (VT) studying Mechanical Engineering. Since starting college in 2010, Kristi has been involved in over 14 organizations, where she held 15 leadership positions. Of these positions, 8 were SASE leadership roles, including founding chapter officer, chapter president, regional coordinator, and regional manager. In her various roles, she continues to develop leaders, build community, and inspire change. Now as Board Membership Representative, she develops strategy for SASE and represents the voice of SASE volunteers during Board of Directors meetings.

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Great start to our **SECOND DECADE**

Last year, as SASE celebrated its 10th Anniversary, I highlighted six big impact items for our next decade ahead: Dream Big, Tell Our Story, Lift Each Other Up, Address Societal Issues, Denounce Racism, and Remain Personal.

I am so excited to say, we are off to a great start in our 2nd decade!

DREAM BIG: We doubled down on SASE Professional. This will be our biggest effort in the 2nd decade as we look to ad-

dress the needs of over 4 million Asian heritage STEM professionals in the US. We have heard over and over again that this is an underserved group. They want ways to continue to grow professionally, rise up the corporate ladder, and be C-suite including the CEO. At SASE, we are tailoring our programming to address professionals by adding a full day to our national conference to develop Employee Resource Groups (ERG) in corporations, gathering senior Asian leaders from top corporations to share best practices, and so much more.

TELL OUR STORY: Last year, 21 organizations recognized 49 outstanding Asian heritage leaders though the SASE Achievement Awards. Having the opportunity to present these awards was a memory I will treasure forever. Why? Because, I remember vividly calling onto the stage the senior management of the nominating companies and seeing their pride in awarding a co-worker

as if to say, "I see you and I value you." I remember vividly recognizing each of the 49 recipients in categories including Promising Professional and Professional Achievement and seeing the pride of individual achievement and pride to work in their organization. SASE will continue to recognize Asian leadership since these stories need to be told to inspire the next generation and recognize today's leaders.

LIFT EACH OTHER UP: One of the ways SASE is helping lift fellow Asian American is to leverage the scale of corporate ERGs. Again this year, we will bring dozens of corporate ERGs together to learn best practices that they will reapply in their organization. This is impactful to accelerate the recruiting, retention, and promotion rates amongst Asian Americans. ERGs are highly effective to be the influencer and often, decision maker, to determine who gets what job when. This assuredly will help Asian Americans close the representation gap at mid-level and

C-Suite that exists while immediately boosting morale and job satisfaction.

ADDRESS SOCIETAL ISSUES AND DENOUNCE

RACISM: Service to improve the communities in which we live has been a long-standing pillar in SASE's Purpose. We see examples every month of service. This year, SASE selected the Greater Chicago Food Depository (GCFD) as a beneficiary. In August of this year, SASE volunteers re-packed 43,728 pounds

of fresh corn that was immediately shipped to those in need. During the national conference, proceeds from the SASE Cookbook will help GCFD continue their amazing work. We know that one in six Americans is food insecure and SASE is thrilled to support those in



REMAIN PERSONAL: As SASE continues to grow, I am happy to continue to see the individual stories of how SASE impacted a person's life. While each person's story is unique, the theme of "helping me come out of my shell" or "giving me opportunities to grow" is one that never grows old. Annie Wang's story is one of the thousands of SASE stories. Annie mesmerized her audience at the 2018 SASE

Midwest Regional Conference co-hosted by SASE Michigan State University and SASE University of Michigan. She openly spoke about her self-doubts and how she successfully changed to a career in Market Research that is outside of her Biology degree. Annie's mother is a massive admirer of hers. Annie shared that her mom admires that Annie received her degree in Biology, which is not her strength. Annie's mom believes that that changing careers shows Annie's grit. At SASE, we could not agree more. Annie is thriving and will continue to thrive. She shares her journey to lift up others. And what a wonderful journey it is!

Thank you for being a SASE leader!

Thomas J. Fernandez

Co-founder and Secretary of the Board
The Society of Asian Scientists and Engineers





Join our award-winning team, and enjoy a creative, dynamic and inclusive culture focused on one goal – improving the world around us through big solutions! Dow Chemical will be at the SASE National Convention – be sure to stop by our booth #513/515 to meet our team and speak to our recruiters. We currently have full time and internship/co-op opportunities for chemical engineers, computer engineers, electrical engineers, industrial engineers, and mechanical engineers. Come explore a career at Dow (website: Careersatdow.com), and discover the science to our success – and yours!



Membership Representative Kristina Horita focuses on building connections

During the first SASE National Conference as a chapter officer, I learned that the SASE community makes it easy for members

to build connections with each other. It's as if the long hours working on building SASE, fueled by passion and dedication has linked and formed bonds between each of us within our community before even meeting. It's our passion and dedication that makes SASE the phenomenal organization it has grown to become.

The SASE community is why I am so honored to represent the voice of SASE volunteers and members, as the Membership Representative. In this position, I learn from our members and share SASE's direction. During the SASE Board of Directors meetings, I strategize and provide insight by representing our volunteers, professionals, and students.

As Membership Representative, I'm excited to share that SASE is doubling down on SASE Professional. Now, in our 2nd decade of the organization,

SASE will work on building connections with employee resource groups (ERGs)! Depending on the organization or company, ERGs are referred to as affinity groups, business network groups, and business resource groups (BRGs). ERGs work on celebrating diversity, providing networking opportunities, facilitating talent development, supporting talent acquisition, and building the business. The mission of ERGs align with our SASE Mission. Building bridges with ERGs expands awareness of SASE and forms the foundation for collaborative opportunities. SASE is working on providing our sponsoring company's ERGs with

digital content. ERG chapters, wherever they are located, will be able to leverage SASE's resources such as our digital library

of Executive SASEtalks as programming. Local ERG leadership teams spend a lot of time chasing programming. SASE wants to make this process less time consuming and provide access to programming that would not be available otherwise.

When I was a student at Virginia Tech, I knew I wanted to work for a company that focuses on building strong ERGs and values diversity and inclusion. After graduation, I moved to a new city and state, St. Louis, Missouri. I only knew one person in St. Louis prior to moving, a friend from SASE at the University of Florida, Oliver Chang. Starting off in a new city, I immediately got involved with The Boeing Company's BRGs as a means to build new connections and a sense of belonging. The ERGs help minorities find a sense of community and also support people who move for their work adjust to new cities. I found lot of parallels between ERGs at

professional settings and cultural student organizations at universities. Both work on culture, development, and community service events.

Building connections with ERGs is just one of our exciting efforts in expanding our nationwide SASE professional community.

Let me know if you have questions. I would love to learn about your experiences and your perspectives on SASE.

Feel free to contact me at Kristina.horita@saseconnect.org.





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SASESTARS



THESE SASE STARS IMAGINE, INNOVATE, AND INSPIRE!

SASE STARS

PAUL CHO

COLLEGIATE STAR

It was something like culture shock, moving from a rural town to a university with more than 30,000 students. But as soon as a friend encouraged him to bring his photography skills to SASE, Paul fit right in as the new historian of the University of Minnesota chapter. He even found something there hadn't been able to find before: role models who actually looked like him.



In only his second semes-

ter, Paul was inspired. UMN SASE leaders had always placed a lot of focus and value on altruism, and Paul wanted to emulate that. That was when he brought up the idea of SASE Labs and began hosting meetings to plan for it.

Paul, whose father is a biochemical researcher, knew not everyone was fortunate enough to have a connection to science at a young age. At science fairs, he noticed an unfair disadvantage in kids who didn't have access to things like petri dishes or microscopes. SASE Labs acknowledges that gap and brings the magic of science to those kids by putting on events for them to see and interact with experiments firsthand.

"It's really nice to see the kids' faces light up when they see a bubble form – they'll always walk away learning something they didn't know five minutes before," Paul says. "I think it's important now more than ever to inspire people, especially kids, to seek the truth no matter what."

With SASE Labs and a strong team spirit, UMN SASE members paid it forward – and even gained some. During Paul's time on the board, UMN SASE received two recognitions: Most Inspirational Chapter and Strongest Overall Chapter.

Fresh off his last year at UMN as SASE president, Paul is grateful for the role models he found along the way, including former SASE Star Han Yong Wunrow and other leaders who made an impact on the chapter.

"Giving people a home or giving them a sense that they belong on this huge campus, makes their experience worthwhile – I think that's what really drove me to the end," Paul says.

JENNIFER KOMAIN-EG

COLLEGIATE STAR

Jennifer was drawn to the energy of the people she met there: first, two members named Lucy Lin and Christina Chen; then, fellow freshmen who ended up joining the transitional program with her. Through this program that prepared them to become board members, Jennifer and her transitional class put together a cultural event that attracted the greatest turnout that year. Some of them are now on the executive board with her.

"Together we've grown a lot and seen SASE grow," Jennifer says. "I think it's really important that we have these programs for underclassmen to have leadership opportunities because it helps revive the club and put fresh ideas into the club. It also gives them the opportunity to make that impact themselves."

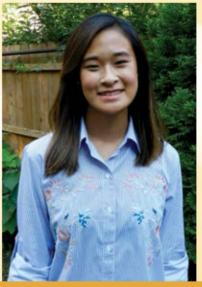
As treasurer just the year before, Jennifer put a lot of thought and preparation into her role. She studied Student Association policies, learned how to represent SASE for sponsorships, and had a cost-effective strategy behind the chapter's professional networking luncheon. Worried that the Student Association could cut the

chapter's funding, Jenni-

fer put extra touches into her budget hearing presentation. She discussed goals, turnout and impact from past events, and included a projected budget for the following year – and it paid off. The Student Association granted SASE a 40-percent budget increase.

Through these experiences and encounters, SASE led Jennifer down various paths. Because of a SASE liaison, Jennifer secured an internship

secured an internship with GE. Because of Lucy and Christina, Jennifer also joined a professional engineering sorority. And, because of her fellow SASE members, Jennifer is now the incoming Binghamton SASE president. "My past presidents have always pushed me and inspired me to do more that can be done, and now I have the power to inspire people to do that," Jennifer says. "It's a lot of responsibility, but I'm so excited to take it on."



EMILIO BRAGANZA

COLLEGIATE STAR

As residential advisor to 116 students at the University of Houston, Emilio Braganza brought a different perspective to his SASE chapter during his sophomore year. He knew from his RA train-

ings that college would take a toll on the mental health of his residents, and that having a support system was critical.

That spring semester, Emilio introduced the social director position to UH SASE. He was passionate about the chapter putting more focus on relationships and tapping into something beyond just professional development for Asian students. Emilio wanted everyone to get the most out of their SASE network during challenging times.



"Asking for help sounds

like it's not a hard thing to do, but being Asian and in engineering, in an environment that's so competitive ... it's hard to admit when we don't understand," Emilio says. With Emilio's influence, the chapter hosted more social events and saw a big increase in retention. But what truly made a difference for Emilio was when a fellow SASE member surprised him with a gift basket, explaining that Emilio had been one of the reasons he landed an internship – that, in a moment of doubt, it was Emilio who pushed him to step out of his comfort zone and contact the recruiter.

"It was so small that I didn't think anything of it, but it ended up being something really big for him in his college career path," Emilio says. "It was really amazing that we were able to help each other." While devoting time and energy to help other people and even put on a regional conference, Emilio also struggled with his own professional development. He needed his own support group, and he wouldn't have been able to get past personal hardships without his close friends within SASE. As the chapter's most recent president, Emilio is especially thankful to Shubh Mistry, his vice president, for supporting him since day one.

"That's one thing SASE really helped me learn – that you can't do it alone," Emilio says.

SHREYAS CANCHI RADHAKRISHNA

COLLEGIATE STAR

When it comes to Pokémon gaming, Shreyas Canchi Radhakrishna is no Slowpoke. In fact, he recently finished top 32 at the Pokémon North American International Championships. Thus, the moment he spotted a SASE member playing the newest Pokémon game on the Nintendo 3DS, Shreyas immediately ran up to him. That friendship leveled up as soon as he discovered that SASE member was a competitive battler, too. "Ever since then, I was a huge part of SASE," Shreyas says. "That was just the beginning."

One fateful car ride with UCSB SASE's founder drove Shreyas to become even more involved. He was inspired by what it meant to be a part of SASE as well as the potential of hosting a regional conference. After that day, he applied for a leadership position and became the fundraising chair, eventually rising to take on the role of co-president.

"Because of this, I ended up forming so many friendships, building a network, being more confident in myself, being more outspoken and outgoing," Shreyas says.

Eager to fulfill that regional conference potential, Shreyas and the UCSB SASE chapter applied twice and finally got the bid to host the SASE West Regional Conference the second time around. Just like he would for a Pokémon battle, Shreyas had a strategy for the conference. With his experience as one of UCSB's annual hackathon organizers, Shreyas knew that UCSB SASE needed to start planning early and vetting speakers and companies carefully.

Over nine consecutive months, the team meticulously planned



for the event, which ended up receiving positive feedback from many of the students in attendance. What made all the work worthwhile for Shrevas was the group itself. One of Shreya's happiest moments with SASE was actually the most spontaneous: Right after a hiking event, everyone decided to head straight to the beach together without even a plan. The unexpected moment resulted in Frisbee, a picnic, and a great time. "My favorite part about SASE is

definitely the people," Shreyas says. "You just cannot replace the people and have the same experience that I had with SASE."

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A BETTER FUTURE FOR EVERYONE

We look forward to seeing you at the 2018 SASE Conference! What an excellent opportunity for you to network and grow.

We are seeking next-generation talent to join our collaborative global team. Raytheon is a technology and innovation leader specializing in defense, civil government and cybersecurity solutions. We're comprised of 64,000 employees and in 2017 we had sales of \$25 billion. Alongside an array of full-time opportunities, we offer robust internships, co-ops and Leadership Development Program roles – all of which offer the training, development and experiences you need to stand out and change the world.

We are at our best when our environment is energized by different perspectives and experiences. That's why Diversity & Inclusion is at the center of who we are, what we stand for and how we deliver customer solutions. And that's why we want you to play a part in developing innovative solutions that make the world a safer place.

Raytheon recruiters are looking forward to meeting you at the SASE Conference Career Fair Booth #113 on Saturday, October 6th, 2018. We will be interviewing and issuing Employment Letters of Intent.





JACKIE LU

EMERGING STAR

His parents moved to the U.S. from Hainan, China, and worked around the clock to provide for the family. Because of the opportunity his parents gave him, Jackie Lu always wanted to be a role model and inspiration to his younger siblings and cousins. He and his sister were the first to go to college, and Jackie knew he had to make the most of it.

"I always think that I'm spearheading the idea of, 'my bloodline is entering foreign ground in this new world," Jackie says. "I want to create an easier pathway for my family to get into their aspirations."

As soon as he started at the University of Florida as an industrial and systems engineering



major, Jackie got involved with SASE. He was part of the marketing team, emceed for the Southeast Regional Conference dinner, and then led the New Engineers With Board (NEWB) committee as member outreach chair.

Jackie, however, wanted to change the scope of his SASE involvement. He saw that, as part of the national volunteer committee, he could reach more people and make a larger impact. Jackie wanted to work on things like compiling presentations to recognize all SASE volunteers, which made a lot of people feel acknowledged and valued.

He also saw the opportunity to improve SASE's volunteer system, so Jackie analyzed results from the volunteer hours logger and happiness surveys, and put together a well thought-out presentation for the leadership team. He was nervous – but confident because the leadership team found his ideas worth discussing.

"If it's to generally benefit the organization and the people you're trying to impact, there will be ears to listen to what you have to say," Jackie says. "There are people who want to see your beautiful idea become a reality and make it happen."

Much like with SASE, Jackie hopes to make an impact in the work he does post-graduation. He's excited to join Tesla as an intern in the fall and looks forward to being part of a company that makes a difference across the globe.

ASHWIN MALIK

RISING STAR

Lured with free pizza, Ashwin Malik walked into his first SASE meeting and aimlessly put his name down on a leadership development sign-up sheet. Little did he know he'd be in for a training program that would set off his career with SASE – and it was all thanks to Purdue SASE's founder, who developed the program in the first place and encouraged Ashwin to attend national conference.

"He really hammered home the SASE message of, 'everyone can lead if they want to," Ashwin says. "That was inspiring to me because I never thought of myself as a leader before then."

It was Purdue's turn to host the Midwest Regional Conference, and Ashwin was at the forefront of planning. At the same time, he had been elected president of the Malaysian Students Association. It was Ashwin's first taste of leadership, and he had a lot on his plate.

With many checklists and some fiction writing as a hobby, he persisted and even raked in the largest Midwest conference attendance at the time. He also survived a Valentine's Day fundraiser, when he sacrificed himself to awkwardly walk into a classroom and hand-deliver a gift in the middle of an exam. Even so, after graduating, he didn't want it to end.

"What inspired me the most was seeing my mentors, seniors and friends before me volunteer for SASE National," Ashwin says. "So I wanted to try it, too, and connect with people, meet new

people from across the country."



Since then, Ashwin wore many hats for SASE. At one point, he held three different positions at the same time. A lot came out of Ashwin's leadership, including the debut of SASEtalks, which gave members a chance to practice public speaking while conference attendees wandered between workshops. He also introduced a

giving campaign that raised \$5,500 by having the Board of Directors match donations.

But what he enjoyed most was his role as regional marketing representative: being there for his 14 Midwest chapters and challenging them to believe they can lead, too. To Ashwin, the SASE team was family – one that was worth picking up friends on a delayed flight at 2 a.m.

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KATIE LIN

RISING STAR

As a student at Carnegie Mellon University, Katie Lin wanted to expand her horizons and experience as much as she could. She became a resident advisor, joined the Greek system, participated in the school's Buggy competition, designed themed booths for the spring carnival, and completed two P&G internships. She

also helped bring SASE back onto campus and even served as the national SASE blog's first editor – all while pursuing a chemical engineering and public policy double-major.

During her senior year, she began burning out. It took a breakdown and her mom coming to visit her before Katie realized how much she really needed to hit pause on her life.



Fortunately, Katie's job offer from Deloitte allowed her to select a later start date. With the support of her parents, Katie decided to take the next six months after graduation to herself.

"Feeling that negativity in my life and burnt out from all those years, I just knew that if I went straight into work, I was going to bring that negativity into work," Katie says. "I needed to reset myself and unwind from the last 16 years of schooling and activities, rediscover who I am and what I need to be, and live a more stress-free life."

In that time, Katie vowed to do everything she ever wanted to do while also doing nothing at all. She hopped on a cruise to the Mediterranean, traveled to Asia, and renovated her condo. She even picked up new artsy hobbies that ended up coming in handy for her consulting position at Deloitte.

Katie is also now back in the SASE game as the brand strategy manager who, with a refreshed mindset, kicked off a "marketing refresh" for the organization. Katie is passionate about making sure that SASE's activities and messaging align with the organization's core critical values and mission statement.

"It's a win-win in that I get to practice these skills I'm learning, and SASE is also going to benefit from pivoting toward a more proactive, marketing-focused organizational strategy overall," Katie says.

KEITH MUI

SHINING STAR

He was one of SASE's Rising Stars in 2016. Today, he's receiving the recognition for a second time as SASE's Shining Star. In the span of a short two years, Keith Mui has come a long way.

When he wasn't spending time with SASE, Keith spent time self-reflecting and exploring his passions. He obtained a professional certification from the Society of Human Resource Management, planting the roots for his new career path. He also took a position with the Southeast Asian Mutual Assistance Association Coalition and joined the leadership on the Asian Mosaic Fund, both of which gave him a new perspective on community building.

"What drew me was the organizing aspect of it – how well people were able to mobilize, influence, and direct large groups of people of various backgrounds and views to a single effort," Keith says.

To Keith, SASE was another avenue for community building. Because his work in the SASE HR world aligned with what he wanted to do professionally, he was never preoccupied with its work-like culture.

However, he realized that wasn't the case for everyone. After seeing many volunteers burning out and leaving without much notice, Keith knew it was time for change.



"SASE has been around for 10 years ... we're no longer at a premature startup phase," Keith says. "This is the time for us to strengthen our foundations and develop organizationally so that we can be sustainable"

Moving from internal communications manager to HR chair, Keith was ambitious about bringing SASE to the level it needed and de-

served. By being attentive to forums and surveys, Keith and his team listened to volunteers, identified important issues, and launched new platforms to make life a little easier for everyone. While the SASE camaraderie was always there, Keith is motivated to strengthening it and making sure it sticks for years to come – but not without the help of his fellow volunteers. "What inspires me is the new leaders of SASE learning how they can make their impact," Keith says.

"New leaders come in with a new vision, but it is built off of the legacies that the leaders before passed on to them."

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Alexander Szeto Mission Systems

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WITH EVERY PASSING YEAR, THE SASE COMMUNITY GROWS IN SIZE, TALENT AND CONTRIBUTION.

The SASE Inspire Awards are designed to recognize those chapters around the nation who have gone above and beyond the call of duty over the past year. These chapters are measured in professional development, cultural awareness, diversity, community involvement, impact of events, initiatives, and event attendance, to name a few. This year, we are excited to announce the addition of the newest award category, Most Philanthropic Chapter. This award and the other 2018 SASE Inspire Awards are described as follows:

OVERALL STRONGEST:

Outstanding contributions and advancement of SASE's three core mission statements.

OUTSTANDING NEW:

Same as above, but only for chapters who are less than two years of age.

MOST INFLUENTIAL:

Outstanding leadership, outreach, creativity and/or other qualities that indicate large-scale vision and planning.

MOST IMPROVED:

Displays the most growth and improvement over the past school year.

MOST PHILANTHROPIC:

Awarded to the chapter that has demonstrated and embodies the spirit of service within their chapter, community, region, and/or nation.

Each of these categories recognizes both a primary recipient as well as an honorable mention recipient. Throughout the upcoming year, all of the recipients will be featured on the various SASE social media channels to share ideas and strategies that can help others grow. In the meantime, here is what each recipient has to say about their achievements.

OUTSTANDING NEW THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE & ART

SASE-The Cooper Union seeks to provide resources for the advancement of Asian heritage scientists and engineers by following the national organization's three pillars: professionalism, diversity, and service. Throughout the school year, we hold multiple professional opportunities to prepare students for the professional world and host alumni events where students can network with alumni to discover various career paths. We have an annual cultural celebration called the Cultural Extravaganza where we celebrate diversity by bringing in food and games from various cultures. We also promote community

service by encouraging everyone to support a cause by making contributions through their participation. We also like to do many fun, de-stress activities and simply let everyone enjoy being part of this organization.

Photo

RUNNER-UP: UNIVERSITY OF ROCHESTER

Founded in 2017, the Society of Asian Scientists and Engineers at the University of Rochester is the first Asian heritage pre-professional organization on campus to connect a wide range of disciplines across the university. We aim to create a place for scientists, engineers, and students of other backgrounds to learn and connect culturally, and to develop academically and professionally.



University of Rochester

MOST IMPROVED NORTHEASTERN UNIVERSITY

SASE has developed a reputation for excellence. Our continued commitment to professionalism, diversity, and service echoes through all of our events and the development of our members. As we maintain the momentum in our expansion as a chapter, we set out in shifting our focus toward ensuring all of our events and collaborations are applicable to anyone seeking to develop their skills professionally and be



The Cooper Union for the Advancement of Science and Art

exposed to culturally-important issues in today's political climate. We organized technical and non-technical workshops alongside our flagship events like Networking Night and Career Panel, which saw substantial growth in both employer support and student attendance. We continued to celebrate diversity with the Pan Asian American Council (PAAC) by facilitating healthy discussions on issues concerning the Asian American community. We also strengthened our devotion to service in the Boston community and also to local Asian American support groups in Boston. In addition to these developments, we have successfully revamped our mentorship program under a new mantle known as SASEPals, a close-knit community of upperclassmen and underclassmen.



Northeastern University

RUNNER-UP UNIVERSITY OF HOUSTON

Established in late 2010, SASE-UH has been determined to help Asian heritage scientists and engineers achieve their full potential both personally and professionally. We constantly strive to uphold the 3 pillars of SASE by providing our members with networking, volunteering, and cultural events to increase professionalism and spread diversity. This past year, UH-CARES was established in hopes of helping the community after Hurricane Harvey. SASE-UH was able to accumulate over 120 hours of volunteer relief efforts. Furthermore, not only do we push to promote the professional aspect, but we also try to advance our members personally. We believe that interpersonal and soft skills are important in making a well-rounded student. Additionally, we try to provide our members with interactive games and an

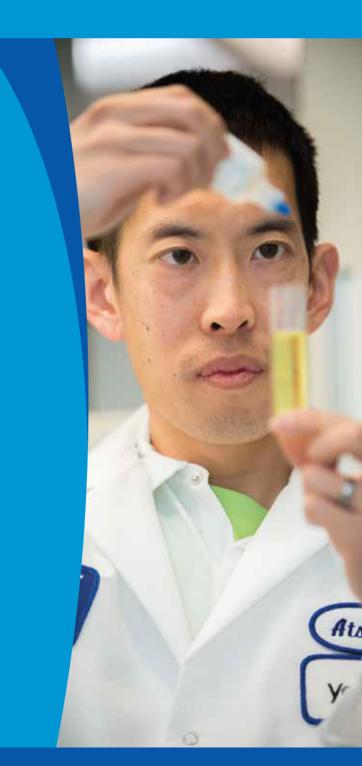
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opportunity to dance on stage to help them get out of their comfort zone. Lastly, but most importantly, we focus on not just being an organization, but rather, a family. With genuine love and care for our members, we are always there for each other. At SASE-UH, we are dedicated 100% to assisting our family in any way possible. Passion is a vital part of our chapter because without passion, we are just a group of engineering students, and not a family.



University of Houston

MOST INFLUENTIAL STEVENS INSTITUTE OF TECHNOLOGY

Now approaching its 6th year of operation, SASE Stevens is home to 83 active members and is an influential presence on the Stevens campus in Hoboken, New Jersey. The 2017-18 academic year marked a milestone year for the chapter, hallmarking the 5th year anniversary of its founding and one of its biggest achievements to date: hosting the 2018 Northeast Regional Conference.

From hosting the Regional Conference for the largest region of the organization to continuously rolling out professional, cultural, and service events to grow our members to be well-rounded individuals in the global business world, SASE Stevens has worked tirelessly to personify the mission of SASE. As we continue to foster the growth of

our next generation of leaders, we would like to highlight our chapter's successes in the local, regional and national community for the 2017-2018 school year.



Stevens Institute of Technology

RUNNFR-UP **UNIVERSITY OF CALIFORNIA SANTA BARBARA**

Since 2015, SASE UCSB has strived for a community of professionally-driven students aimed with intention of becoming active leaders, whether in industry or academia. With each academic year, SASE UCSB continues to grow collectively as a chapter, creating a tightknit organization of currently forty active members. A strong sense of compadres-ism is reflected in the events and initiatives SASE UCSB puts out for our members, including providing opportunities for internships and research positions while maintaining a strong foundation of social events. As our chapter continues to grow, the influence of SASE UCSB will continue to expand, not only amongst other on-campus organizations, but also amongst the SASE commu-



University of California, Santa Barbara

OVERALL STRONGEST DREXEL UNIVERSITY

The SASE Drexel Chapter put a tremendous amount of efforts into bringing a diverse selection of professional and cultural events to our members, creating a family of close-knit leaders, while making strides in helping our members break the bamboo ceiling this past

year. With exciting programming including organizing Northeast Region SASE Vacations to planning our first general body Spring Retreat, it is no surprise that the SASE Drexel Chapter has grown exponentially in general body size, event quality, and membership engagement. The SASE Drexel Chapter continues to inspire other chapters, organizations, and individuals to achieve their academic and professional endeavors while progressively creating precedents for chapters nationwide.



Drexel University



recruiting program.

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LOCKHEED MARTIN

RUNNER-UP SUNY - BINGHAMTON

Binghamton SASE was established in 2011 to promote professional growth amongst Asian scientists and engineers. Since then, we have strived to provide much more than just professional growth to our members. We have been focusing on SASE's three national pillars, as well as continuously establishing a strong SASE community. We have created events that we are known for in our school including our signature event, SASE Banquet, volunteering at a nearby museum called TechWorks!, promoting research areas from professors, bringing in speakers from companies such as Lockheed Martin, and much more. Our chapter has not only made an impact on the Binghamton campus through the multitude of innovative events that we host, but we also made an impact in our region with our second annual SASE Banquet and performed at a national level.



SUNY - Binghamton



University of Minnesota - Twin Cities

MOST PHILANTHROPIC **UNIVERSITY OF MINNESOTA TWIN CITIES**

SASE UMN is fully dedicated in the advancement of Asian heritage scientists and engineers to achieve their full career potential, celebrates and push for diversity on campus and in the workplace, and provide countless opportunities to our board and general members alike to make an impact in our community. SASE UMN utilizes innovative events, programs and ideas to further our goals to prepare its members for the global business world, and to promote diversity and equal opportunity in the STEM field. Membership at SASE UMN is open to all genders and ethnicities.

RUNNER-UP UNIVERSITY OF CALIFORNIA SAN DIEGO

The Society of Asian Scientists & Engineers chapter at UC San Diego was officially established in 2011, which means the 2017 - 2018 academic year marked its 7th year of existence. Since then, it has won numerous awards and accolades, including the Best New Chapter Award in 2013, the Most Inspirational Chapter Award in 2014, and the Overall Strongest Chapter Award in both 2015 and 2016. SASE at UCSD is dutifully firm and unwavering in its goal to fulfill SASE's 3 mission statements encompassing professional development, diversity, and community service.



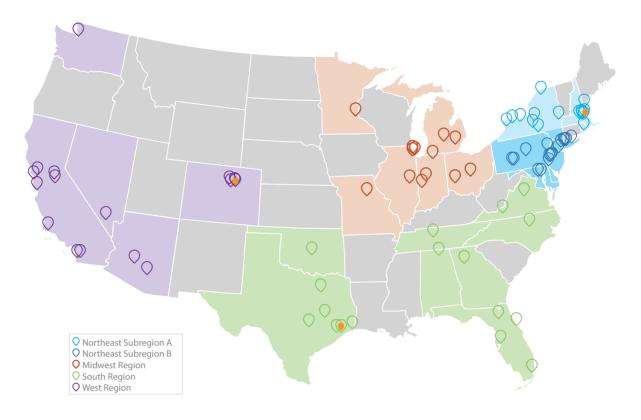
University of California, San Diego



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SASE NATIONAL CONFERENCE & STEM CAREER FAIR 2019

Westin Convention Center - Pittsburgh, PA October 10th - 12th, 2019



EXECUTIVE PROFILE



Marie E. Metzger
Vice President
Operational Excellence
North America

"The aspect of BASF chemistry that is most uniquely our own is the powerful combination of our people and their ideas."

With 37 years experience at BASF, Marie E. Metzger, Vice President Operational Excellence North America, observes that joining the company was a "wise decision." Having had many interesting and challenging positions, her current responsibilities cover a wide range from management consulting to corporate operational excellence, site management to controlling and strategy. "Focusing on customers makes my work very interesting and challenging. Still a scientist-at-heart, solving problems makes those "challenges interesting," she observed. For her, the common denominator between technical and commercial paths is being successful in leading people. As BASF is a company committed to becoming a leader in Diversity + Inclusion, Marie remarks that "diversity of people, experience, and perspective is paramount to the success of our business and to the achievement of our status as an employer and partner of choice."

Noting how BASF promoted Diversity + Inclusion for many years, Marie comments, "Through the BASF North American Talent & Diversity Challenge, the company requires that 50 percent of people interviewed for roles are diverse - reflecting the diversity of the talent market - and requires that 50 percent of the people interviewing are also diverse, reflecting the diversity that BASF is working to attract." Diversity creates openness to cultural and demographic changes within the company and to the needs and wishes of its customers. This also leads to innovation. "Diverse cultural backgrounds, individual perspectives, experiences, ways of thinking and approaches help us to solve problems faster and more creatively," she says.

As the executive sponsor of the Asian Business Community, a BASF Employee Resource Group, (ERG), Marie works to support and advance Asian colleagues and to foster a greater appreciation of Asian culture at the company. "The ERG helps drive greater understanding of career advancement opportunities and challenges for our Asian colleagues as well as the Asian culture's contributions to our business," she states. This also includes helping BASF prepare for customer visits and delegates that travel to and from Asia from BASF's worldwide locations. She notes that in the last five vears the Asian Business Community has more than doubled the number of active chapters at BASF sites throughout the United States from five to 11. The company was recently ranked #17 on the list of Top 50 Companies for Diversity by Diversity Inc.

Pointing out the importance that BASF places on diversity and collaboration, Marie notes, "At BASF, employee resource groups help our employees network with co-workers with similar interests and backgrounds, build knowledge and skills, and learn more about markets and customers. They foster a sense of community and help employees develop personally and professionally."





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We applaud all of this year's SASE award recipients and honorees on their outstanding achievements, including some of our best and brightest visionaries, influential innovators, scientists, mathematicians, technologists, and engineers:

- Tamim Akimi
- Brian Kawamura
- Regina Lam
- Stephanie Ling
- Shruti Shah

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SASE STEPS UP EFFORTS FOR **PROFESSIONALS**

By Dennis Hirotsu _

In May 2018 the SASE Board approved a stronger, more-intentional approach for SASE Professional. This is consistent with SASE's mission to unlock the leadership potential of APIs in STEM.

Why SASE Professional?

Given the success of SASE collegiate, SASE is ready to drive PROFESSIONAL as the next domain to make a mission-based difference. We see the opportunity as follows:

- There's a large leadership-representtion gap for API (Asian Pacific Islander) STEM (Science, Technology, Engineering & Mathmatics) professionals: Our qualitative research reveals a large gap in % APIs at STEM executive leadership positions (vs. % APIs at lower levels). API prevalence at the college level results in strong representation at entry to mid-level positions at companies. However this doesn't continue into senior STEM leadership levels.
- There's large untapped leadership potential for APIs in STEM: We see evidence that targeted coaching, training, and mentoring can make a big difference in the performance and career progression of APIs in STEM.
- Companies that successfully address this gap will have competitive advantage:
 - Diversity of perspective and leadership styles at the top: APIs can broaden the effective leadership styles within a company for improved results.
 - Motivation and retention of API employees: the growing API STEM workforce is energized seeing "people who look like me", or who "share my cultural background" in Senior Management
 - Advantages in API recruiting: APIs keep growing in prominence in crucial STEM fields. The competition for students and mid-career professionals is increasing. Companies that champion API development will gain an edge in this area.

What are the Causes for this Gap?

From interviews with Senior Asian STEM executives, we see that the key reasons for this gap are cultural. Asian cultural VALUES are highly compatible with US leadership behavior, however, many API cultural BEHAVIORS are incompatible with US corporate leadership behavior.

Successful API STEM leaders take strength from their cultural values, (e.g. respect for authority, persistence/grit, humility, emphasis on collective over individual), to effectively lead their organizations.



However, these values manifest in very different BEHAVIORS for Asian culture vs. US corporate leadership culture. For example, API's respect for authority often manifests in behavioral deference to authority which signals weakness in US leadership culture.

Successful API STEM executives have an ability to adapt their behaviors to meet expectations of effective US corporate leaders, while keeping their core API values. They did not enter companies with this skill, and feel they were lucky to have a manager(s) with the set of skills to see their potential and develop them, despite cultural differences. When API executives mentor younger APIs, they commonly stress this behavior adaptability.

Importantly, these executives also see areas where APIs bring valuable diversity in leadership styles and behaviors to US companies: Examples of common API leadership attributes include: balance of inquiry vs. advocacy, balance of calm vs. emotional volatility, valuing of domain expertise in addition to leadership expertise, balance of diplomacy vs. confrontation. Having more Senior API STEM leaders, with a strong cross-company network, will empower executives to broaden their company culture for stronger results.

How Can SASE Make a Difference?

SASE can make a BIG difference via effective, affordable, scaled development programs for API Professionals in STEM, and strong executive networking. Most companies invest in leadership training. However, few have the expertise or scale to provide training for APIs to achieve the required cultural adaptability. We envision SASE becoming a scaled hub of expertise and programs to help companies and individuals unlock the leadership potential of the API STEM workforce.

So What's Next for SASE Professional?

The primary focus is professional programming for the SASE national conference, starting in 2018. Specific initiatives include:

- Addition of a professional training day on Thursday, October 4th of the 2018 National Conference; with ½-day workshops for Young Professionals, Experienced Professionals, and ERG Leaders. This training will be done by external organizations (Elevate, Ascend, LEAP) with expertise in training API professionals.
- A strengthened Professional Awards program, to increase visibility and recognition for high-performing APIs across compa-
- Professional workshops and Executive talks on Friday, October 5th.
- Increased participation of Senior API STEM executives to SASE Executive Forum. This forum drives SASE professional programs to be effective and relevant in grooming future leaders at the respective companies.

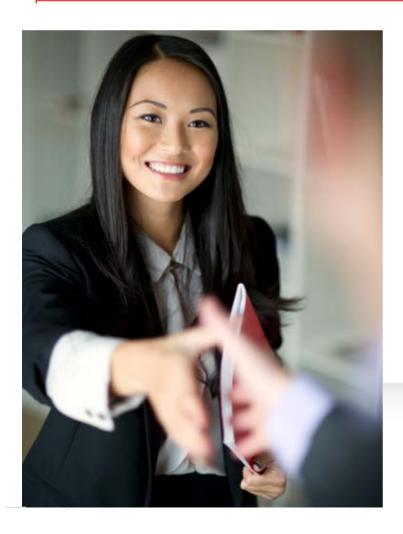
Over time we look to build capability for: 1) digital on-line training which can be accessed by members anywhere at any time, 2) deep-dive immersion training (2-3 day sessions) which can be run in cities where our companies and members work. In addition, we will work on programs to help companies appreciate the diversity of leadership styles which APIs can bring.

Some Personal Background and Perspective

I'm a 3rd-generation Asian American who thought he had very little Asian cultural behavior. I only spoke English, grew up in rural America with plenty of Caucasian friends, and did all the things American kids were doing at the time (sports, Boy Scouts, etc). When I went to college, some first-generation Asians actually called me a "banana", meaning yellow on the outside and white on the inside. However, in my first few years of my 35-year P&G career, I began to notice that others were progressing faster than me, despite having less technical capability. Thanks to a few terrific bosses, mentors, and an Asian-focused training course, I realized I had many unconscious Asian cultural behaviors that were limiting my success in the US corporate workplace. I made a commitment to become more culturally aware, fluent, and adaptable. It's been a game-changer for my career.

As a SASE volunteer I've been interviewing API STEM senior executives. I've heard similar stories and learned even more. So I'm a volunteer for SASE hoping to pay back some of what I've received and learned. I look forward to working with Khanh Vu (SASE Executive Director) and Sanjay Correa (SASE Executive Vice President) to bring SASE's vision to reality. I hope you will join us in this mission.

Dennis Hirotsu is a retired R&D VP from P&G, and serves as SASE Executive Advisor. His 35-year career included 13 years leading Baby and Femcare R&D in Asia.



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Welcome to Northwest Chicago!

It is SASE's second year hosting the National Conference in Schaumburg, and with that comes an exciting new list of attractions in the Schaumburg area and in downtown Chicago. Whether you choose to stay in the suburbs, or venture to the Windy City, we hope you will find activities that help you Imagine, Innovate, and Inspire!

SCHAUMBURG...

TOP GOLF

1001 N. Prospect Ave., Wood Dale, IL 60191 Hours: Fri: 9 am - 2 am; Sat: 8 am - 2 am; Sun: 8 am - 11 pm

Whether you are a professional golfer, or beginner who has never swung a club before, Top Golf is a fun entertainment venue where you can participate in point-scoring golf games! Players hit golf balls that are equipped with microchips to track

each shot's accuracy and distance while awarding points for hitting targets in a large outfield. You won't get bored here with diverse games ranging from Top-Golf, where players score points hitting into any target to TopShot and TopChip, where players score points by



hitting into specific targets. Pricing starts at \$8 per person, per game.

GOEBBERT'S FARM AND GARDEN CENTER

40 W. Higgins Rd., South Barrington, IL 60010 Hours: Daily from 9 am - 6 pm

The Goebbert's Fall Festival is a great place for families to visit and experience a classic Midwest Autumn day. At the farm, you can pick pumpkins, get lost in a corn maze, pet and feed giraffes, ride a camel, watch a piglet race, and see a magic show! General admission tickets are \$15; additional fees may apply for certain activities.

WOODFIELD MALL

5 Woodfield Mall, Schaumburg, IL 60173 Hours: Fri and Sat: 10 am - 9 pm; Sun: 11 am - 6 pm

Woodfield has the finest collection of department stores, restaurants, and specialty shops in the Great Lakes region. If you are for some retail therapy during

looking conference experience, step inside the WOOD-FIELD MALL to find everything from department stores like Nordstrom, Macy's and Lord & Taylor to popular brands like Kiehl's, Michael Kors, Superdry, and Zara. If you find yourself hungry during



shopping, check out Garrett's Popcorn on the lower level of the mall!

LEGOLAND DISCOVERY CENTER

601 N. Martingale Rd., Suite 103, Schaumburg, IL 60173 Hours: 10 am - 7 pm - Admission Cost: \$20

LEGOLAND is located in the Streets of Woodfield shopping center. With 10 LEGO Build and Play zones, 2 rides, and a 4D cinema, it is the ultimate indoor playground for a group of scientists and engineers or families! 2018 is the 40th anniversary of the LEGO minifigure, so make sure to visit LEGOLAND to celebrate by building your own!

FOR THE FOOD LOVERS...

PORTILLO'S is quintessential to a Chicagoland visit and can only be found in 6 states throughout the country. Order a Chicago-style hot dog complete with an all-beef frank, poppy seed bun, yellow mustard, white onions, sweet relish, a dill pickle spear, tomato, pickled sport peppers and celery salt, and definitely



NO ketchup. If a classic Chicago dog sounds too adventurous for you, you can also order pasta and salad dishes at the connected Barnelli's Pasta Bowl (611 E. Golf Rd., Schaumburg, IL 60173).

If you are looking for a sweet stack of pancakes or savory omelets, there is no better place than WILDBERRY PANCAKES AND CAFE.

We highly recommend the Oreo S'mores pancakes and Napa Valley Fig omelet. Make sure to join the waitlist in



advance on Yelp to avoid a line because it is a very popular brunch destination (1383 N. Meacham Rd., Schaumburg, IL 60173)!

Although it is admittedly difficult to get tired of a traditional burger, **GABUTTO BURGER** serves up burgers with a Japanese twist in an anime-themed restaurant! When you visit, make sure to try their signature gabutto burger with a demi-glace sauce or the shrimp burger



stuffed with white and tiger shrimp. Text the word "BURGER" to 85100 for special offers (1410 Golf Rd., Rolling Meadows, IL 60008)!

Have some extra time on your hands? Check out **TENSUKE MARKET** AND SUSHI CAFE, a Japanese market owned and operated by a local Japanese family for over 19 years. The market brings authen-



tic Japanese foods and ingredients to homes in the Chicago Northwest suburbs, and boasts daily shipments of wild-caught fish from Alaska and Hawaii. In addition to the fish and seafood department, the market is also home to a beauty department, gift shop, and Daiso Japan, where everything is \$3 (3 S. Arlington Heights Rd., Elk Grove Village, IL 60007).

FOR THE NIGHT OWLS...

BEERHEAD BAR AND EATERY

888 N. Meacham Rd., Schaumburg, IL 60173 Hours: Fri and Sat: 11 am - 2 am; Sun: 11 am - midnight

Beer was one of the first beverages to be made and consumed by humans, and this bar and eatery lists over 800 beers on their website that you can try! Don't be intimidated, however, because the bar's Beer Pros can help you wade the wild and



wonderful world of hops and barley by offering samples based on your tastes. You can also sign up for an introductory Beer U class to start your beer knowledge quest.

DING DONG DANG

224 E. Golf Rd., Arlington Heights, IL 60005 Hours: Daily 5 pm - 3 am

If you are a classically trained singer or just very brave, Ding Dong Dang is the place to go for some great karaoke! Not only does it offer Korean-style karaoke, otherwise known as noraebang, but also Korean BBQ. A variety of room sizes are available for groups, so bring your new friends and sing or eat the night away! Rates are hourly; call 847-718-0883 for more detail.

CHICAGO...

SHORELINE SIGHTSEEING'S ARCHITECTURE RIVER CRUISE

Leaves from Navy Pier and Michigan Avenue Hours: 9 am - 9 pm, tour times vary Admission Cost: \$37-\$47, depending on the type of tour

The Windy City is known around the world for its architecture, and apparently, it's Shoreline Sightseeing Architecture Tour. Shoreline Sightseeing's Architecture River Cruise, one of the city's most iconic attractions, is also the world's second most popular attraction, according to TripAdvisor. The cruise, which takes riders down the Chicago River with an architectural guide, received the rank based on 2017 TripAdvisor booking data and was only beat out by a Vatican skip-the-line tour.

THE MUSEUM OF SCIENCE AND INDUSTRY

5700 S. Lake Shore Dr., Chicago, IL 60637 Hours: Fri and Sun: 9:30 am - 4 pm; Sat: 9:30 am - 3 pm

The MSI being the largest science center in the Western hemisphere is reason enough to visit the museum. However, if you are a Pixar fan, the Science Behind Pixar exhibit is running until January 2019. Get a



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unique look into the Pixar process, and explore the science and technology behind these beloved animated films and their characters. It is an interactive exhibition showcasing the STEM concepts used by the artists and computer scientists

who help bring Pixar's award-winning films to life. General admission to the MSI is \$20 when you buy tickets online. An additional ticket must be purchased for the Pixar exhibition for \$14.

NAVY PIER

600 E. Grand Ave., Chicago, IL 60611 Hours: Fri and Sat: 10 am - 12 am; Sun: 10 am - 10 pm

This is the ultimate tourist destination in Chicago. Even if you visited last year while you were in town for SASE NC, the Navy Pier has undergone massive renovations over the past year. Walking the pier is an attraction in and of itself, however, the building is



home to the newly built Fifth Third Bank Family Pavilion, the Crystal Gardens, the Chicago Children's Museum, the Chicago Shakespeare Theater, an AMC IMAX Theatre, public art exhibitions, and much more! Attraction admission costs vary.

WEST TOWN FOOD TRUCK & WEST TOWN ART WALK

Noble & Chicago Avenue (next to Eckhart Park) Hours: Fri: 4 pm - 10 pm; Sat: 11 am - 10 pm



The popular Food Truck Social brand is marrying up with the West Town Art Walk for the third year to create a one-of-a-kind neighborhood-wide food and art festival. Located in the heart of West Town along the bustling Chicago Avenue corridor, West Town

Food Truck Social & West Town Art Walk is an opportunity to sample food from 15 food trucks while discovering great local artists, neighborhood retailers, public art installations, and live art. Entry to the event is free, however, you can purchase a \$20 sampler ticket that can

be used towards a sample size portion from the participating food trucks onsite.

LINCOLN PARK ZOO

2001 N. Clark St., Chicago, IL 60614 Hours: Fri: 10 am - 5 pm; Sat and Sun: 10 am - 6:30 pm

Chicago is an urban jungle, but you can also see some animals that live in a jungle at the Lincoln Park Zoo! The Zoo is located within the lush Lincoln Park in northern Chicago and serves as an oasis for animals and animal lovers alike. Despite being cold a lot in Chicagoland, the zoo is open 365 days a year and offers free admission.

FOR THE FOOD LOVERS...

Chicago deep dish pizcan't escape list! We recommend. **PEQUOD'S** (2207 N. Clybourn Ave., Chicago, IL 60614), in addition to LOU MALNATI'S and **GIORDANO'S** (multiple locations throughout the city). All three restaurants



are famous for their deliciously cheesy and saucy pizza pies, however, you may want to poll some locals on their favorite because Chicagoans can be very opinionated on their pizza!

Get your **FAT RICE** fix (2957 W. Diversey Ave., Chicago, IL 60647). The restaurant dishes out a Macanese menu in a boho-chic setting. It is a celebration of the unique cuisines of Portuguese speaking Lu-



so-Asian provinces, with an emphasis on Macau, China. Arguably the world's first fusion cuisine, the Macanese table includes ingredients and techniques from Portugal, India, South-East Asia, Africa, and China. Order the signature Arroz Gordo, a layered rice dish usually served to family

and friends on special occasions. After all, we are the #SASEfam, and SASE NC is a very special occasion!

Did you know that 6.7% of Chicago's population is Polish American?

As such, there are many authentic Polish restaurants in the city. The food at PODHALANKA (1549 W. Division St., Chicago, IL 60642) is so good that the regulars have been go-

ing there for decades. The owners or waitstaff will most



likely order for you, but insist on trying the pierogies, stuffed cabbage, and crispy potato pancakes!





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Looking for a quick bite? Look no further than BBQ KING (2148 S. Archer Ave., Chicago, IL 60616) in Chinatown, a lowkey restaurant famous for their Hong Kong barbecue, Peking duck, and crispy pork. It is





an easy carry-out option for those who want to spend more time visiting other attractions in the city.



After eating the delicious meals above, be sure to get some shaved ice herbal ielly for dessert at MEET **FRESH** (2026 S. Clark St., Unit

A&B, Chicago, IL 60616) in Chinatown. The Taiwanese dessert joint was established in 2007 and has over 500 storefronts throughout Asia and Australia. In the United States, you can only find them here in Chicago as well as California, Nevada, Texas, and Washington. Make sure to try it today while you are in town!

FOR THE NIGHT OWLS...

SAFEHOUSE

60 E. Ontario St., Chicago, IL 60611 Hours: Fri: 11 am - 2 am; Sat: 11 am - 3 am; Sun: 11 am - 12 am

SafeHouse knows you prefer your night out shaken, not stirred, so shake things up a bit with their nightly spy-themed events, bar, and SafeHouse missions. Make sure to bring your ID, but don't lose your cover.



THREE DOTS AND A DASH

435 N. Clark St., Chicago, IL 60654 Hours: Fri and Sun: 4 pm - 2 am; Sat: 2 pm - 3 am

Hidden below the bustling streets of River North, Three Dots and a Dash is Chicago's premier tropical tiki bar and craft cocktail destination. The secret hideaway was named one of the World's 50 Best Bars by Drinks International and creates the best tiki cocktails using exotic fruits and spices, spirits, and



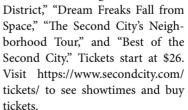


cold-pressed juices. It may be October in Chicago, but a tropical excursion is moments away!

THE SECOND CITY

1616 N. Wells St., Chicago, IL 60614 Showtimes Vary

Want to laugh 'til your sides hurt? Visit the Second City, an improv comedy enterprise that produced comedy legends such as Bill Murray, Steve Carell, Tina Fey, Amy Poehler, Stephen Colbert, and Aidy Bryant. This weekend, you can catch "Gaslight

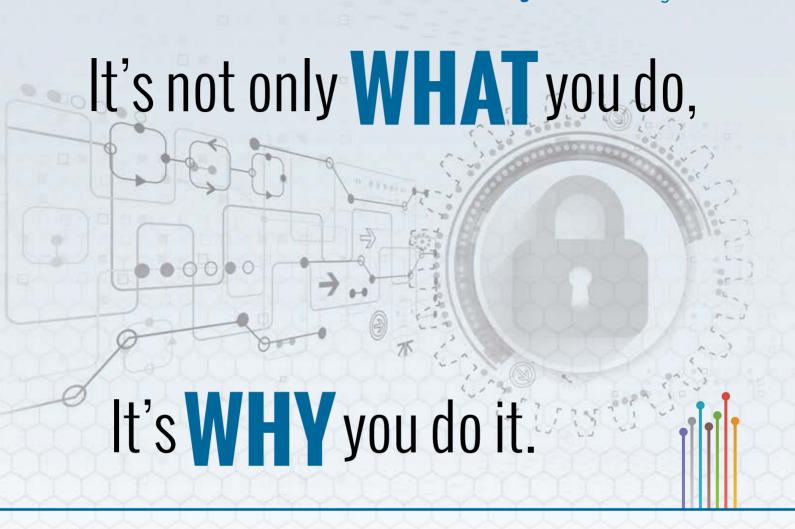








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SASE REGIONAL CONFERENCES

THE 2018 SASE REGIONAL CONFERENCES HAVE CONTINUED TO PLEASE.

Each year, SASE chapters across the nation apply to host one of six regional conferences. These events are designed to provide personal, professional, and leadership development tracks open to all of the chapters within their region.

In support of their hard work and dedication, these hosts receive visibility on the

SASEconnect.org website, chapters get to hear from these hosts in this annual SASE Magazine, and not to mention, they receive an undeniable sense of accomplishment. Each regional conference is one-hundred percent run and operated by the hosting chapter's members with additional support from SASE volunteers. Here are the stories from this year.



FEBRUARY 3, 2018 - Empowering You to Evolve

Midwest Regional Conference - University of Michigan + Michigan State University

The 2018 SASE Midwest Regional Conference (MWRC) was held at the University of Michigan Union. Co-hosted by the SASE chapter at Michigan State University, this year's MWRC was by far the largest in the region's history, welcoming nearly 200 registrants and nine sponsors. Over the last year, a strong Regional Conference Committee, consisting of 30 talented undergraduate students from both co-hosting schools, was able to make this event a success.



Attendees playing pool during break times

The first day of the twoday conference provided an opportunity for the attendees to both get to know the city of Ann Arbor and socialize with fellow SASE members from other chapters. AcSASE Co-founder Tom Fernandez and Matt Diaz, SASE's Collegiate Program Coordinator, delivered their inspirational keynote speeches during lunch. A networking session with six companies and sponsoring organizations was also hosted before the Closing Ceremony.

This year's MWRC theme was "Empowering You to Evolve." The vision for the conference was to empower attendees with confidence in their skills of advancing in any area of their life with valuable insight into the experiences of their fellow peers and industry leaders. Our speakers at the conference shared stories of their hardships that made them evolve and excel in multiple aspects of their life such as professionalism and compassion. The attendees experienced first-hand that there is no better way to learn than with the strength and knowledge of those around us.



Midwest Regional Conference attendees gather for the group photo.

companied by the "Chocolate Lovers" buffet and board games, the participants were able to have an activity-filled Friday night. The next day of the conference consisted of insightful workshops and networking opportunities. The day began with two distinguished speakers delivering their keynote speeches while the attendees were provided breakfast. The Vice President for Research at the University of Michigan, Dr. Jack Hu, and Ashok Das, an Executive Sourcing Leader at GE Aviation, warmly welcomed the attendees from ten different universities. Four workshop sessions were prepared along with 13 unique workshops hosted by company representatives and invited speakers.

FEBRUARY 10, 2018 - Empowering You to Innovate

Northeast Regional Conference - Stevens Institute of Technology

SASE NERC 2018 was held on the 5th anniversary of the hosting chapter's inception and turned out to be the most expensive regional conference in SASE history. The SASE Stevens Conference Planning Team, consisting of only 12 undergraduate students, spent nine months planning, was able to rent out almost an entire hotel venue, and fundraised more than the cost of Stevens tuition.

In total, SASE NERC 2018 had 504 attendees, consisting of 408 college students, 78 professionals, and 18 high schoolers. The conference featured one-on-one resume reviews, free professional headshots, and engaging cultural performances. Unique to the event was the Innovation Competition, a student research showcase dedicated to pitching innovative products and services to a panel of sponsoring judges for a chance to win cash prizes. A community service fundraiser for 3D-printed SASE logo keychains raised over \$300 in proceeds for Sakhi, an NYC organization dedicated to helping Asian women and children survivors of sexual assault and domestic violence. Inspiring keynote speeches were given by Professor Mukund Iyengar, a technological entrepreneurship coach and professor at Stevens, as well as by Charles "Chuck" Olivo, the CEO of Stonefield Engineering. Concluding the conference, a Company Mixer featured 16 corporate organizations.



SASE's largest region celebrated 10 years of empowerment and embraced innovation at the 2018 Northeast Regional Conference.





The 2018 Northeast Regional Conference Planning Team.

With Stevens Institute of Technology's motto as the "Innovation University," the conference theme, "Empower you to Innovate," reflected SASE Stevens' goal to empower the Northeast Region and innovatively provide a high-caliber conference experience. Empowerment to Innovate was provided in the conference programming, which featured 18 unique professional development workshops and panels focusing on the themes of Innovating Yourself, Innovating Your Career, and Innovating Your Community.

FEBRUARY 10, 2018 - Empowering You to Explore

Southeast Regional Conference - University of South Florida

Over 200 students attended the SASE Southeast Regional Conference at the University of South Florida's Tampa, Florida campus. The theme was, "Empowering You to Explore," which aimed to go beyond the physical definition of exploring. We wanted members to look at things in a different perspective and to try things they normally would not find themselves doing because we believe that great things never happen by staying in your comfort zone.

On the day of the conference, breakfast and welcoming remarks were given by the conference executive directors, and followed by the morning keynote, Dr. Piegl. We then took an awesome group photo and broke out into our workshop blocks. This year, we had 20 different workshops, mock interviews, and a Yuengling Brewery Tour. Our committee really valued engagement when planning workshops. We wanted members to be doing something while learning valuable skills. Therefore, we had workshops like "Learning to be Agile" and "Courageous Conversations" to really get the members engaged in the activities.

At lunch, we had Lieutenant Christina Allen speak about the importance of exploring and her personal journey. After the main workshops were completed, students could participate in our community service event, which was a collaboration with USF Shriners Hospital for Children. We made over 150 bracelets for children undergoing treatment at the hospital. We also had professional headshots and a networking



Southeast Regional Conference attendees gather for a group photo on the University of South Florida campus.

event on the first floor of the student union. Almost all of the companies that hosted a workshop also attended the networking event. The conference concluded with our banquet dinner. After everyone settled in, we got the cultural performances started and enjoyed some amazing talent. Our keynote speaker was a USF Alumni who was the first international student to receive a national scholarship at USF. Trang Luong has such an incredible story of how she became successful in America and how she overcame a lot of obstacles.

FEBRUARY 10, 2018 - Empowering You to Act

West Coast Regional Conference - University of California, Santa Barbara

The SASE West Regional Conference was held at the University of California, Santa Barbara (UCSB) on February 10, 2018 and featured high energy performances, influential workshops, and numerous career opportunities for all attendees. This year, UCSB hosted over 200 students and professionals from across the West Region in a day filled with professional and career development. Throughout the day, students had the opportunity to participate in a variety of workshops, resume critiques, community service, and networking events all aimed at achieving our theme, "Empowering You to Act."

Under our theme, we challenged attendees with a call to action - to step out of their comfort zone, to take initiative, and to strive to reach



Attendees gather before heading off to their first workshops at West Regional Conference at UCSB.



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their full potential. From taking the step to give back to our community to developing our personal selves, SASE West Regional Conference provided the perfect place for attendees to begin their journey in achieving their goals. Our keynote speeches by Shane Carlin and Vu Pham demonstrated how our attendees can take power in their own hands, challenge the status quo, and seek opportunities. Students also engaged in professional development by attending our wide selection of seventeen workshops. Our workshops featured founders, professors, and industry professionals who provided a variety of perspectives for our attendees. Whether students were interested in creating their own startups or learning more about their field, West Regional Conference provided mentorship for students to learn about the initiatives they can take to achieve their personal ambitions.



Organizers of the SASE West Regional Conference cheer as the conference comes to an end.

MARCH 10, 2018 - Empowering You to Serve

West Mountain Regional Conference Regis University and SASE Colorado Professional Chapter

The SASE Western Regional Conference was held at Regis University. The event took place on the sunny, fair-weathered morning of March 10th and proceeded until about 4 pm, in which tours and the annual Colorado Professional Chapter (CoPro) event took place. The conference was co-hosted with CoPro with attendance from five different SASE collegiate chapters, including one from Arizona, and many diverse professionals. The event was sponsored mainly by Raytheon, along with contributions from WSP and Medtronic. Their contributions directly translated to success of the conference. Many of the attendees mentioned that the specific workshop of Dr. Chung in life in the medical field was a great experience and unique to these conferences. The keynote was also lead by another Asian-American member in the medical field and their experiences. The other workshops found their success in direct contact among members with the sponsoring companies. Some of the student members mentioned that they were able to follow up with the Raytheon members present at the conference. The conference concluded with a design challenge in transporting toxic waste which was highly attended. Overall, the conference demonstrated the ability for a non-engineering ocused chapter to host a successful regional conference.



Regis University was the first science based school to host a SASE Regional Conference.

MARCH 31, 2018 - Empowering You to Inspire

South Central Regional Conference - University of Houston

The Society of Asian Scientists and Engineers at the University of Houston Chapter hosted the 7th Annual South Central Regional Conference in Houston, Texas. Attendees were able to network and further develop their professional skills with companies such as Shell, GE, Sandia Laboratories, Boeing, and more! In total, SASE UH collaborated with 12 companies, 10 universities, 1 high school, and 1 local charity for the conference. Powering this event was our theme of "Empowering You to Inspire," a goal we set very dear to us here at SASE UH as we strive to ensure SASE will continue to impact the community at large for years to come. We feel the best way to accomplish this is by supporting each other, loving one another like family, and making sure to pass on our knowledge, care, and passion for this organization to future generations of leaders within SASE. This can be reflected in the various activities we had at conference, ranging from innovative ice breakers held throughout the day, engaging workshop topics like Cultural Differences & Working Styles, mock interviews, resume critiques, and other opportunities to allow for SASE members to grow. SASE UH broke some new records such as having students from a local high school attend conference and collaborating with UH FSA for a unique dance performance during the lunch session! We ended the day with an exclusive access pass to the Student Center Arcade room for attendees to enjoy unlimited bowling, billiards, Ping-Pong and more! SCRC 2018 was a large success and we would like to thank all of the chapters within the South Central region for coming together and making it as impactful as it was. The officer board, committee teams, and officer Grey worked hard to ensure a memorable event for the south region.



UHFSA Modern team performance.



Final group photo of everyone!





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EXECUTIVE PROFILE



Rear Admiral Bette Bolivar U.S. Navy

"Each one of you can be a leader." says Rear Admiral Bolivar.

"Be a leader with purpose and make a difference every single day." Rear Adm. Bette Bolivar attributes much of her career success to the values she learned from her traditional Filipino parents.

"My parents raised my siblings and me with discipline, respect, and integrity," Bolivar said. "And along with the senior officers and chief petty officers who invested their time and energy in me, I developed a leadership philosophy that continues to work today."

Bolivar has served on board ships and in operational assignments, including as officer in charge of the Counter Radio-Controlled Improvised Explosive Device (IED) Electronic Warfare Program in Afghanistan, and as a researcher/writer on the Secretary of the Navy's White House Liaison staff.

Her career took a turn when she moved from fleet commands to an installation management role, first as the executive officer of Naval Amphibious Base Little Creek, Virginia, and then as commanding officer of Naval Weapons Station Yorktown, Virginia. During her tour as the chief of staff for Navy Installations Command, she was selected for promotion to Rear Admiral. As a flag officer, she has commanded Navy Region Northwest, Joint Region Marianas, and Navy Region Southeast, her current posting.

During her career, Bolivar has been a champion for diversity. "We've spent millions of dollars in recruiting new sailors and civilians and making our Navy more diverse. It's incumbent upon all of us to leverage that diversity, and to make our sailors and our civilian feel valued. It's good for our people, and it's good for the Navy."

During her career, Bolivar has earned a slew of awards. Most notable among them was recognition as the Chief of Naval Operations' Pacific Fleet finalist for the Vice Adm. James Stockdale Leadership Award and, in 2005, when she was inducted into the Women Divers Hall of Fame. "I'm proud to be an example for Asian-Pacific Americans serving in our great Navy," Bolivar said. "I hope my career serves as inspiration for other Asian-Americans to join the U.S. Navy,

follow their dreams, and succeed beyond their expectations."

In a region that spans 18 installations over 12 southeastern states, as well as Naval Station Guantanamo Bay, Cuba, Bolivar is active in supporting the Navy's community outreach. Whether speaking during Navy Week in San Antonio, Texas, or at Fleet Weeks in New Orleans, Louisiana, or Port Everglades, Florida, she serves as an example of diversity, and reminds those who would join the Navy, and those serving today, the importance of leadership.

"Remember to lead with a purpose," Bolivar explained to a group of young, influential girls in Jacksonville, Florida. "Leaders with purpose, with a vision, know that what they do and what they need to do is bigger than themselves. Purpose is never about one's self. It's always about others."

Bolivar's command philosophy is as simple as it is direct.

"I ask my team to keep three things in mind. Treat people right. Be honest. And make teamwork and loyalty a priority in all you do." Bolivar said this philosophy is "tried and true" and has proven effective throughout her career.

Bolivar took the lessons she learned from her parents, senior officers, and chief petty officers, and continues to pass them on to Sailors, civilian employees, and aspiring members of the community.



FIND SUCCESS IN SERVICE.



Searching for a career with purpose? So was LCDR Scott Lieng—he wanted to make an impact in the world after escaping a Cambodian prison camp as a child and coming to America. Now a Navy Supply Corps Officer, Scott has chosen to devote his career to service. The Navy has over 150 career choices—imagine what you could accomplish in the Intelligence field, Meteorology and Oceanography or in Naval Aviation.

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LIEUTENANT COMMANDER
SCOTT LIENG

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SASE SCHOLARSHIPS

Recognizing exceptional academic achievement and leadership

The purpose of the SASE Scholarship Program and the SASE National Volunteer Recognition Award is to recognize and reward deserving SASE collegiate members and national volunteers who have demonstrated exceptional leadership and academic achievements.

Each applicant was also evaluated on the impact that they make

on their campus or in the workplace, and in their local communities. By awarding these scholarships and recognition awards SASE continues to help cultivate and develop the leaders of

SASE also recognizes diversity and celebrates it by shining a spotlight on their great contributions.

Sponsored by Kelloggis

to SASE because of the work the organization is doing to develop current and next generation STEM talent within our communities and across our diverse populations. This year's SASE Scholarships sponsored by Kellogg Company recognizes select SASE collegiate members who promote STEM interest in their community through outreach activities and programs. "Celebrating Success," is one of the Kellogg Values and these scholarships celebrate the successes that these candidates have exhibited throughout their studies and extracurricular activities.

Highly competitive applications were received from students na-

The Kellogg Company is honored to provide scholarship funding tionwide from a variety of educational disciplines. The applicants were evaluated on extracurricular involvement, academic honors, personal essays, and letters of recommendation. A rigorous and anonymous evaluation process scored the applicants based on their exhibition of integrity, passion, creativity, and perseverance. The two top applicants were chosen.

> Please be on the lookout for the scholarship application announcement coming Spring 2019.

> If you are interested in donating to the SASE Scholarship Fund, please contact Khanh Vu, khanh.vu@saseconnect.org

BRIAN LIANG



Brian is a rising senior at Northeastern University studying Civil Engineering. Originally from Poughkeepsie, NY his interest in the remediation of the Hudson River led him to start his college journey with a focus on environmental protection and restoration. At Northeastern, Brian has held a variety of roles on the SASE Eboard and is a member of ASCE, Engineers Without Borders, and Steel Bridge. He has also participated in research on the durability and lifespan of solar panels, renewable energy sources, and reusable building materials.

Brian's professional journey started as a co-op student at Langan Engineering in NYC where he rotated through the Environmental, Geotechnical, and Site/Civil departments at the firm. With experience working on some of the largest construction sites in NYC, Brian continued his journey as an Environmental Engineering Intern at Stantec. At Stantec, he worked on the remediation of a multi-acre Brownfields site and has aided with writing proposals, reports, and work plans. Most recently, he has interned at NASA Glenn Research Center as a Facilities Project Manager, assisting on new building construction, demolition, and large-scale maintenance projects.

In his free time, Brian enjoys reading, playing tennis, and watching time-lapse videos of construction. The most valuable lesson he has learned from working in the STEM field is to always stay curious and understand why, not just how, things are done. In the future, Brian plans on continuing his education at Northeastern and pursuing a Master's degree in Construction Management.

TRANG TRAN

Trang Tran is from Sugar Land, Texas. She is a recent graduate of Texas A&M University and is furthering her education at the medical school at Texas A&M Health Science Center. She was a member of SASE for three years, and she served as the mentorship chair her junior year. Other organizations she was a part of include the Institute of the Development and Education of Asian American Leaders and St. Justin's youth choir. She was also a mentor at her local Boys and

Girls Club. Trang enjoys couponing, reading, and watching basketball games. Her role models are Stephanie Murphy, Thuc Minh Nguyen, and her mother. She is a firm believer with a work ethic and perseverance you can achieve anything.



SASE MAGAZINE

SASE National Volunteer Recognition Award Sponsored by THE SHEKHAR AND ANU MITRA FAMILY FUND

The Shekhar and Anu Mitra Family Fund is honored to provide funding to SASE to award those volunteers who exhibit exceptional leadership within SASE, as well as their community. The Mitra family believes that volunteerism and leadership go hand-in-hand and without its hard-working volunteers, SASE would not be where it is today. Individuals were selected based on their contributions to SASE, how they've grown as a leader, and how they've exemplified their own values and personal mission.

SASE is incredibly grateful for The Shekhar & Anu Mitra Family Fund's desire to reward our extremely talented and dedicated vol-

Please be on the lookout next year to see how you can be recognized for your volunteerism.

If you are interested in donating to the SASE National Volunteer Recognition Award, please contact Khanh Vu, khanh.vu@saseconnect.org

ASHWIN MALIK

Ashwin Malik is Lead Developer at Multiply Technology, a technology startup in Indianapolis. Originally from Malaysia, he earned a B.S. in Aerospace Engineering from Purdue University. He joined SASE at the Purdue chapter, served as VP of External Affairs, and helped plan the chapter's first Midwest Regional Conference.

Ashwin became involved as a national volunteer by serving as the Midwest Regional Marketing Representative (RMR) for two years; the Midwest Regional Team still has a special place in his heart. He also served as the Workshops & Panels Coordinator for the 2017 National Con-



ference, leading the first iteration of SASEtalks, SASE's iteration of 'fireside' chats.

Presently, Ashwin is the Manager of the Giving Team which works to cultivate a culture of giving back to SASE. Ashwin's hobbies include meeting people, hiking, reading, writing, photography, and experiencing salt in Overwatch. He is looking for opportunities to volunteer to teach in his local community and plans to further his education in computer and information science, as he enjoys using technology to solve human and technical problems. Ashwin is all too happy to lend you a hand, listen to your problems, or to tell you all about Malaysia.

WILSON KONG

Wilson is Ph.D. student in materials science and engineering at Arizona State University, with M.S. and B.S. degrees also in materials science. The Phoenix native co-founded the University of Arizona SASE chapter in 2014 and served as its first president until his graduation the following year.

Wanting to stay involved with SASE during graduate school, Wilson volunteered as a Regional Coordinator on the West Regional Team. During that period, he had the opportunity to manage the planning and execution of the leadership workshop hosted at the 2016 SASE National Conference. Wilson continued to push his leadership skills further by restarting the previously inactive SASE Leadership Committee as its new committee Chair. With a revitalized vision for leadership development, the Leadership Committee now seeks to establish



new leadership programs for SASE members, improve the 6E leadership model, and forge strong, collaborative relationships with the various SASE national committees. Outside of SASE, Wilson enjoys cooking and trying new food, participating in endurance sports, playing board games, and spending time with friends. The volunteer experiences with SASE have given Wilson greater levels of confidence and a strong support network across the country. He hopes to use this opportunity to give back to and impact the organization that has played such a large role in both his personal and professional life.

After his doctorate, Wilson plans to begin a career in the semiconductor industry to explore new ways of innovating advanced technologies, and possibly pursue a political career in the future.

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SASE SCHOLARSHIPS

DIANA XU

Diana is currently a second-year graduate student at the University of Illinois in Chicago in the Master of Healthcare Administration program. She is conducting her year-long preceptorship as part of her studies at Northwestern Memorial Hospital in the Performance Improvement Office. She obtained her B.S. in Biochemistry and Molecular Biology from Michigan State University in 2016. Within SASE, she co-founded the Michigan State University SASE chapter in 2013, and expanded her involvement in SASE to national volunteering in 2015 as a Midwest Regional Coordinator. For the last two years, she served as the Midwest Regional Manager, overseeing the Midwest collegiate chapters in their growth and success. Outside of the Collegiate committee, she also volunteers her time as a National Conference volunteer. This year, she is



co-chairing the Community Service Committee and has pushed to engage more SASE members in the service project through the SASE Cookbook and in-person volunteering activities. Diana developed the Full Circle Service Learning program to help SASE members make the most out of their service experiences through service learning, a teaching and learning method where leadership development is supplemented through meaningful service to others in a process that provides structured time for reflection on service experiences. In addition, she leads the SASESmiles Grant team which works to provide funding for SASE Jr., Collegiate, and Professional chapters for their service activities. In the future, she hopes to continue her healthcare career within an academic medical system, specifically focusing on advancing patient safety and health.

SUNNY LIU

Sunny Liu is a Production Supervisor at one of the leading producers of consumer and corrugated packaging solutions in North America. She is currently located in Florence, South Carolina. She graduated from Virginia Tech with a degree in Chemical Engineering. After she attended her first SASE National Conference and learned about the volunteer opportunities, she decided to join in as a volunteer in 2016.

Over the past two years, she has been involved in a

variety of committees: Regional Marketing Team, Giving Team, SASE National Conference, SASE Jr, and SASE Professional. In 2017, she was awarded as the Emerging Star for her dedication and leadership. The spirit of volunteerism inspires her to give back to the local community outside of SASE.

She is an EMT-B volunteer at the local rescue squad where they provide medical and technical emergency services. In her spare time, she travels to some rural areas with a mobile clinic to provide services for hundreds of patients.

SHIVEM SHAH

Shiv graduated from Boston University with a Bachelor of Science in Biomedical Engineering and is currently pursuing a Ph.D. in biomedical engineering at Cornell University. His goal is to become a physician-scientist for the ability to directly work with patients while also conducting research on new and more personalized treatments. Currently, he is working on creating immune and lymphoma "organoids", or miniature organs in the lab, to mechanistically understand B cell development, antibody production, and B cell cancers. Within SASE, Shiv served for four years on BU SASE's Executive Board and as the 2015 Regional Conference Co-Chair. During this time, he is proud to have



helped BU SASE win the 2014-2015 and 2015-2016 Overall Strongest Chapter Inspire awards. He has since expanded his involvement by serving as a Regional Coordinator, Senior Regional Coordinator, and Regional Manager for the Northeast Regional Team. Shiv is most proud of founding and leading the national SASE Jr. initiative to expand SASE's scope to high school students. Outside of SASE, Shiv furthers his passion for teaching and STEM outreach by working with teachers from the nearby rural areas to teach cutting edge science topics to middle school students. In the future, Shiv hopes to further expand SASE Jr., work on creating antibody-based therapeutics, and continue on becoming a physician-scientist.

CALLIE LEE DANIEL

Callie Daniel is a senior at North Carolina State University (NCSU) studying Mechanical Engineering and is the current Vice President of the state's only SASE chapter. When she joined three years ago, the chapter had only been established for a couple of years so she got to see it grow to what it is today by taking on various leadership roles until finally becoming president. She is now stepping down as vice president to assist the next president. She was originally drawn to SASE due to the unique mixture between professionalism and academics with social networking. Her favorite SASE events include the professional panels before the



university career fairs and volunteering with her executive board and members in the Raleigh area, especially the annual Service Raleigh Event. She also enjoys the annual Hot Pot collaboration with all of the Asian heritage organizations at NCSU every spring. In her free time, she enjoys exploring international cuisine and playing the ukulele. She is currently training for a 5-mile charity run called the Krispy Kreme Challenge where participants eat a dozen Krispy Kreme donuts and run 5 miles in under an hour - all of the proceeds go to support the UNC Children's Hospital.



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WHICH QUOTE BEST APPLIES TO SASE AND ITS LEADERS?

I am not afraid of an army of lions led by a sheep; I am afraid of an army of sheep led by a lion.

ALEXANDER THE GREAT

Management is efficiency in climbing the ladder of success; leadership determines whether the ladder is leaning against the right wall.

STEPHEN COVEY

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MAHATMA GANDHI

Leadership is a mindset in action. So don't wait for the title. Leadership isn't something that anyone can give you - you have to earn it and claim it for yourself.

TRAVIS BRADBERRY

I think the best advice I can give is that you just have to start. Just get your feet in the water and do it. I learned a lot from just trying things out.

YOSHIKAZU TANAKA



SASE LEADERSHIP AWARDS

The SASE Leadership Awards were established to celebrate technical accomplishments and advancements in the fields of science, engineering and technology and recognize exemplary leadership in the SASE community, including volunteerism.

Determining the award winners was a painstaking and careful process. A committee of organizational and SASE representatives met regularly to establish rules and guidelines to insure that the process was fair and transparent. Each individual nomination had to include a CV, bio, resume, essays, and letters of recommendation. A total of 33 judges volunteered to review the nominations! There is a wide range of levels and types of

support organizations provide their AAPI employees. Some do a particularly good job at providing effective programs and services. SASE is presenting two awards this year to recognize organizational excellence and leadership. This year wthese awards are being presented to BASF (Organization of the Year - Company) and CIA (Organization of the Year - Government).

The 2018 SASE Leadership Awards will be presented at SASE's 2018 National Conference and STEM Career Fair, at the Friday evening Gala Dinner, October 5th, at the Renaissance Schaumburg Convention Center, Schaumburg, Illinois.

"In reviewing each of the nominees, I found it very challenging to rank them as each candidate had a unique career path and storied accomplishments and lifetime achievements in their company and work histories. All were very impressive and showed a great commitment to both their jobs and to their communities, especially in the advancement of SASE and STEM activities and organizations"

2018 Leadership Awards Judge



SASE ORGANIZATION OF THE YEAR (COMPANY)

BASF Corporation



At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The 115,000+ employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has more than 18,200 employees in North America, with sales of \$17.9 billion in 2017.

SASE ORGANIZATION OF THE YEAR (GOVERNMENT)

Central Intelligence Agency



The CIA is an integral part of the US national security community and the premier agency responsible for providing global intelligence to senior policymakers on the ever-changing political, social, economic, technological and military environment. The Agency is composed of five directorates—Operations, Analysis, Science and Technology, Support, and Digital Innovation—that carry out "the intelligence cycle," the process of collecting, analyzing, and disseminating intelligence information to top US government officials. Our mission is that of protecting the nation. For information on career opportunities, visit cia.gov/careers.

SASE DISTINGUISHED CAREER AWARD

Dr. Shekhar Mitra - President, InnoPreneur LLC; Consulting Partner, YourEncore, Former SVP, Global Innovation at Proctor and Gamble, Co.



Shekhar is Co-founder and President of the Board of Trustees of SASE. After 29 years at P&G and post retirement, Shekhar works as a board member and strategic adviser to several Fortune 500 companies, new ventures, and a Private Equity company. In 2010, he was awarded the prestigious Ellis Island Medal of Honor and is listed in the U.S. Congressional Record for his contributions to touching and improving lives through his impact on consumer meaningful innovations and community service. He is passionate about enabling a younger generation of scientists and engineers across all cultures, companies, and businesses to achieve their full potential as professionals.



Established in 2005, Ascend is the largest, non-profit Pan-Asian organization for business professionals, executives, and students in North America. We offer robust professional development and career enhancement programs designed to cultivate Pan-Asian talent.



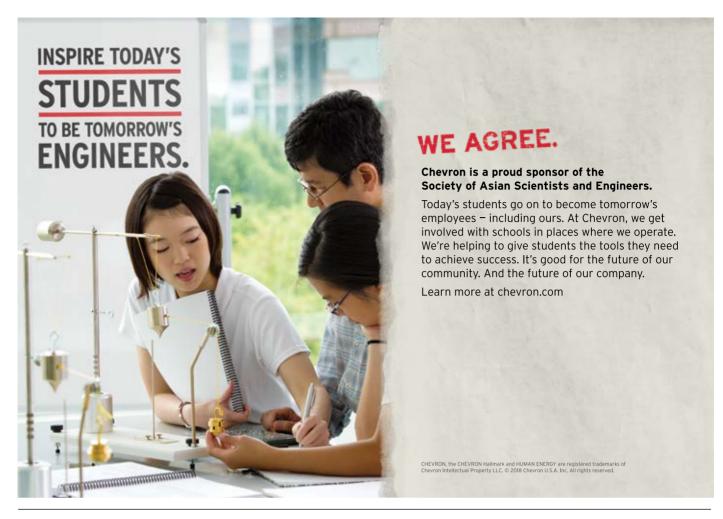
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Digital Signal Processing

Electrical Engineering

Machine Learning and Computer Vision

Modeling and Systems Architecture

Physics





SASE EXECUTIVE OF THE YEAR

Ms. Jenette Ramos - Senior Vice President, Manufacturing, Supply Chain and Operations The Boeing Company



Jenette Ramos is senior vice president of Manufacturing, Supply Chain & Operations and a member of the Boeing Executive Council. She has responsibility for manufacturing strategy and execution of the global supply chain and operations, including advanced manufacturing technologies, quality management systems, Environment, Health & Safety and Facilities & Asset Management. Ramos is a graduate of the Harvard Business School Advanced Management Program, she also earned a master's degree in business from Seattle Pacific University and a Bachelor of Science degree from Washington State University. Actively engaged in the community, she is a Board of Trustees member for The Nature Conservancy of Washington, campaign leader for American Heart Association Go Red for Women, and serves as a mentor for the Executive Development Institute.

SASE ENGINEER / SCIENTIST OF THE YEAR (COMPANY)

Dr. David E. Lee - Technical Area Lead Northrop Grumman Corporation

Dr. David E. Lee is technical area lead for thermal power development and space tether technologies and systems within Aerospace Systems at Northrop Grumman Corporation. He is program manager for multiple technology development and future systems contracts and serves as manager of the sector's Integrated Concept Development Facility for rapid spacecraft design in Redondo Beach, California. As an educator, Dr. Lee has impacted the careers of STEM students over multiple decades teaching classes in computer science, manufacturing engineering, spacecraft design and systems engineering. He is section author for Spacecraft Manufacturing Integration and Test in Space Mission Engineering: The New SMAD.

SASE ENGINEER / SCIENTIST OF THE YEAR (GOVERNMENT)



Dr. Khanh Pham - Senior Aerospace Engineer Air Force Research Laboratory/Space Vehicles Directorate (AFRI/RV)

Dr. Khanh Pham joined the Air Force Research Laboratory (AFRL) in 2004 as an aerospace engineer. His multi-faceted technical activities at the AFRL and its Space Vehicles Directorate have included serving as an in-house researcher, technical lead, contracting officer technical representative, research advisor, mentor and adjunct research professor for basic research in command, control & communications autonomy. He has made pioneering and lasting contributions to statistical optimal control theory and game-theoretic operations research for space situational awareness and military communications, which he has advocated as the key to making space autonomy and assured satellite communications an integral part of tomorrow's airspace.



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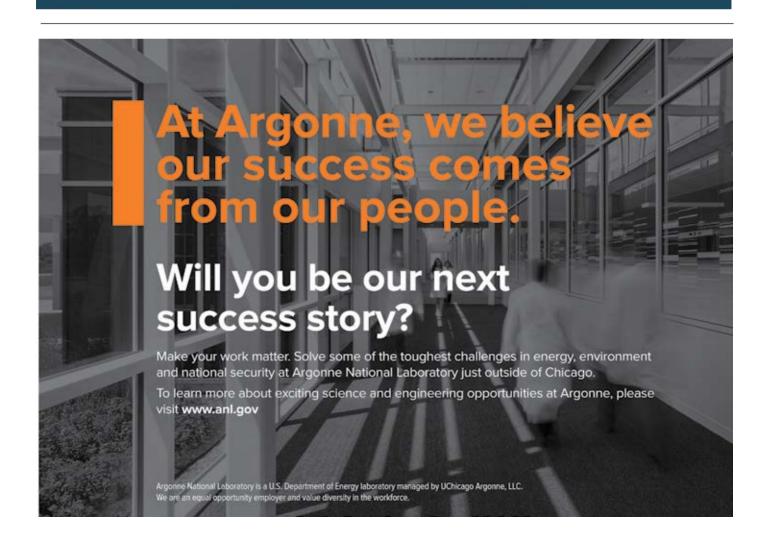
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SASE INFORMATION TECHNOLOGIST OF THE YEAR

Mr. Madhavan Komanduri - Program Manager and Technological Fellow Northrop Grumman Corporation



Mr. Madhavan Komanduri is a program manager and thought leader with Northrop Grumman Corporation. Madhavan has extensive experience in managing and leading programs of high complexity and has deep understanding on how best to apply innovation for the success of programs. Madhavan has extensive experience working on the leading edge of technology through contributions to multiple programs, technical proposals, and white papers. Madhavan is a champion for STEM initiatives and mentoring technical professionals. He completed the Capture Strategy Executive Program from University of Chicago Booth School of Business and holds a Master's degree in Computer Science from George Mason University.

SASE ADVOCATE AWARD

Ms. Denise Hartmann - Vice President, Business Management, Resins & Additives **BASF** Corporation



As Vice President - Business Management, Resins & Additives at BASF, Denise Hartmann is responsible for the Transportation, Industrial & Furniture Coatings and the Printing and Packaging businesses for the North American Dispersions and Resins business based in Southfield, Michigan. Denise lives in Northville, Michigan with her husband, Ian Crancer. Together they enjoy most outdoor activities including hiking and boating and both love to travel. Denise also enjoys long distance running. Denise earned a bachelor's degree in chemical engineering from Michigan Technological University and an MBA, with emphasis in Finance and Marketing from the University of Michigan.

SASE ADVOCATE AWARD

Ms. Victoria Van Conant - Configuration Analyst Sr. Lockheed Martin



Victoria Van Conant is a Configuration Analyst Sr, Aeronautics for Lockheed Martin Corporation. She is currently the Configuration Management lead for two Skunk Works programs. Ms. Van Conant currently serves as the Palmdale Lead for the Professional Asian American Network at Lockheed Martin. Ms. Van Conant volunteers in the community supporting: Niamani Knight's STREAM Expo, Engineers in the Classroom, Thanks for Giving, Science Olympiad, Super Science Saturday and Salute to Youth. One of her passions is speaking to students about STEM to encourage them in this field. Ms. Van Conant graduated from the University of California, Santa Barbara with a BA in English.



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SASE SERVICE **IMPACT AWARD**

Dr. Chang Hyun Son - Mechanical System Design and Analysis Engineer The Boeing Company



For the past 30 years, Dr. Son has made tremendous contributions as the lead for the International Space Station and Environmental Control & Life Support Systems Analysis Group at Boeing. He has also demonstrated outstanding leadership as a general chair for the International Conference on Environmental Systems. Dr. Son holds a patent for Centrifugal Air Separators and is published in over 60 technical articles. Dr. Son served as President for the Houston Boeing Asian American Professional Association. He has made significant contributions for the National Association for Korean Schools starting as a volunteer teacher for two decades and then as President. He is the Chair for My Dream International Foundation which awards scholarships for the young generation and organizes dream speech contests throughout the world.

SASE SERVICE IMPACT AWARD

Mr. Alexander D. Szeto - Senior Systems Engineer Northrop Grumman Corporation



Alex has worked on modeling and simulation, spacecraft, and as Northrop Grumman systems engineering manager for a national system safeguarding our country. As a refugee immigrant with no money and only a ninth-grade education, compassionate people and education changed his life. Alex is dedicated to spread STEM around the world so others can enjoy the same opportunities and success. He is actively grooming/recruiting STEM leaders and fundraising to provide access for the disadvantaged to have a better future. He is a proud coach of robotics Team Inspiration and board member of Mesa College Foundation. Reach out and change life.

SASE EMERGING LEADER OF THE YEAR



Ms. Ketal Patel - Sr. Systems Engineer Raytheon Missile Systems

Ketal Patel is passionate about sharing her technical and leadership experiences with others. Ketal is innovating on what it means to be a leader in modern industry by actively inspiring young generation to get involved in STEM, mentoring engineering Ph.D.'s and MBA's in professional development, and coaching professionals in career advancement. She co-founded a women's business resource group at Motorola and her work at Raytheon has shaped customer strategies and acquisition of \$2B+. Ketal holds Master's in Engineering Management and Master's in Electrical Engineering, is certified as Program Management and Six Sigma Green Belt, and has a patent in innovation.

SASE EMERGING LEADER OF THE YEAR



Dr. Lok Yan - Senior Computer Engineer, DR-III Air Force Research Laboratory

Lok received his B.S. in Computer Engineering and M.S. in Electrical Engineering with a concentration in Information Assurance from Polytechnic University in 2004. He received his Ph.D. in Computer Information Science and Engineering from Syracuse University in 2013. Lok has been employed as a Computer Engineer at the United States Air Force Research Laboratory, Information Directorate in Rome, NY, since graduating with his Master's. There, he leads research in vulnerability analysis and virtualization and has served in the roles of researcher, program manager, and principal investigator. In addition to AFRL, Lok is also an Adjunct Faculty at New York University where he teaches Computer Security.



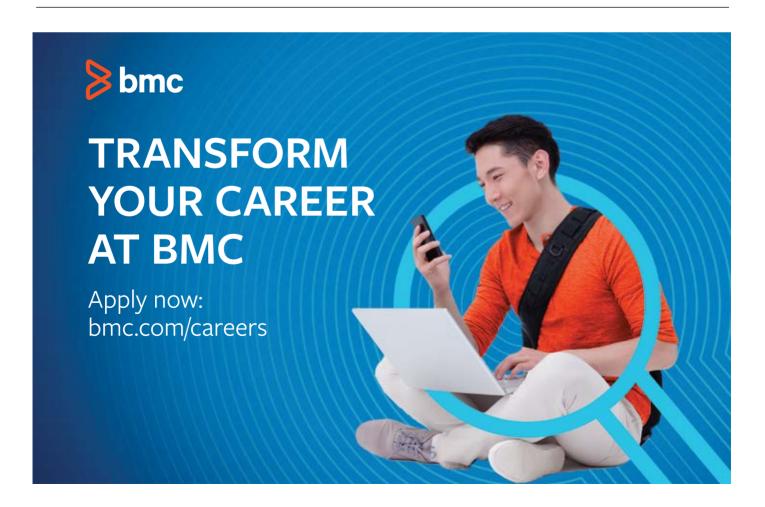
Annual hackathon promises to be an exciting event

In recognition of the growing needs of computer science and information technology (CS/IT), SASE developed a hackathon event called SASEhack, which is a 21-hour event to engage CS/IT folks and other engineering disciplines in cross discipline teams to imagine, develop and start design on a solution to a defined challenge. The purpose of SASEhack is to develop and engage our CS/IT members and connect them to technology companies. The top teams will receive awards and recognition, but every participant can benefit from the experience by working with other team members and mentors from our sponsors: Booz Allen Hamilton is the lead sponsor of this event with additional sponsorship from the U.S. Marine Corps. All participants are also welcome to attend the free STEM career fair in the same building at their leisure. SASEhack is completely free and open to all college students (undergraduate or graduate)!





SASE hackers at work 2017 SASEhack





CAM

NGUYEN

The Role Model Cover Contest is an opportunity for the Society of Asian Scientists and Engineers (SASE) to annually recognize two individuals who excel in their fields and as leaders. This contest requires one to be nominated and go through an extensive voting process by SASE

members from around the nation. This year we received nominations from coast to coast; however, we were limited to two winners. After all of the ballots were counted, two exceptional individuals were selected: Benjamin Tsang from the South Region and Cam Nguyen from the Northeast Region. Benjamin Tsang is a Binghamton University alumnus who is currently working as a Project Engineer at Lockheed Martin. Cam Nguyen is a senior at Stevens Institute of Technology studying Mechanical Engineering.

How did you get involved with SASE?

BEN: I was first introduced to SASE at my alma mater where I took part in SASE Innoservice and helped plan the Northeast Regional Conference. However, it was only after I graduated that I really became involved in SASE. After graduating, I did not have a job and searched for several months. I continued to put myself out there and decided to attend my first SASE National Conference (NC) where had an amazing experience. Shortly after conference, I received a phone call for an onsite interview from which I ended up getting my first job offer. After starting my job, I wanted to give back to SASE so I joined NC planning team. Since then, I have been involved in NC for 4 years. I got to meet new people, and now they have become family to me.

CAM: I first got involved in SASE when I went to my school's club fair with my friend Zin Tun. We thought SASE was interesting, so we attended the first GBM. There, we got to meet and talk to the e-board. The way that they presented SASE was super captivating. We were

awestruck by how much we could grow not only professionally, but personally. There was an opening for fundraising chair, and I thought it sounded interesting, so I decided to take the leap, as freshman do in their new college environment. It has been history ever since.

How do you feel about being nominated and selected as a role model?

BEN: After finding out I was selected, it felt very humbling to know that I inspire others. When I first started with SASE, I was not confident in myself and often did not voice my opinions. From my time with SASE, I have grown to be able to confidently voice my opinion and a better leader. I am very thankful to have been chosen for this honor as SASE has many talented and amazing volunteers. Thank you for those who believed in me when I did not believe in myself and those that have supported me and grown alongside my journey.

CAM: I was in such shock and was surprised. I am grateful that people view me as a role model. It is really humbling to be seen as someone that other people can look up to or learn a few things from. Everyone can improve in one way or another, and I know I still have a lot to improve, but that's the whole point about being a role model isn't it: learning and growing together?

Who inspires you?

BEN: Within SASE, I have met and worked with many individuals that have inspired me. One such person is Irene Ng who was the 2016 Conference Chair. She has been such an inspiration in the few years that I worked with her. One of the most defining moments that I will always remember is when she stood up for me when I did not know how to. This is something that I take to heart and she has shown me qualities that I have emulated in my own leadership style. A big shout out to her and the awesome University of Florida (UF) family I have met.

CAM: [Cue cliché but also extremely accurate spiel about my mom] Other than family, my inspirations are Nathan Zed and Driver Friendly. Nathan is a youtuber who inspires me to be unapologetically myself and to be proud of myself, my culture, and my community. Driver Friendly is a band that inspires me to give 110% and to never give up on what I personally define as success. Within SASE, my biggest role



models are Francine Nieva and Zin Tun. They've always encouraged me to voice my opinions and ideas, whether I was a freshman or director of NERC.

What motivates you?

BEN: My biggest personal values are giving back, helping others, and paying it forward. It is fulfilling for me to help others become the best versions of themselves and see them reach their full potential. As the first generation in

my family to go to college, own a car, and navigate the corporate environment, there was a lot of stumbling and figuring out I had to do. Because of what I have been through, I have a deep desire to accelerate the process to success for others. I want to be a resource to others that I wished I had myself.

CAM: As you grow, you are continuously creating and molding yourself based on how YOU want to react to what you're exposed to. Four years ago, I didn't see myself being there (taking full control of who I am). I enjoy mentoring and helping other people become leaders. I am thankful for people who have helped me and I want to help them too.



What is your definition of Empowering you?

BEN: Empowering means doing

something even if you are afraid and having the courage to overcome your fear. It is only when you are able do something you've never done that you will get a result you have never gotten. I urge you to step outside of your comfort zone--do something that scares you, and you will be amazed at what you can learn and how much you will grow. And don't be afraid to fail. It is through failure, that you will find success. Become the best you in the shortest amount of time by failing a lot and getting back up!

CAM: To be 100 percent yourself. Growing into the person that you want to be. You don't need validation from other people. And to know that you are good enough.



conditions), sexual orientation, gender, gender identity or expression, color, religion, genetic information, marital status, ancestry, national origin, protected veteran status, physical disability, medical condition, mental disability, or disability status and any other characteristic protected by state or federal law.

COOKBOOKS & COMMUNITY SERVICE:

PURCHASING A SASE COOKBOOK MEANS FOOD FOR THOSE IN NEED

Whether the occasion is Thanksgiving, Christmas, or your birthday, you can be sure there is plenty of feasting. None of these events would be complete without the sharing of sumptuous food. It is a

way to remove barriers, explore new cultures, and build stronger relationships when we socialize. Indeed, food is not just for nourishment, but also to unite us all across the table and around the world.



This year, the National

Conference Community Service Committee published a cookbook featuring various cultural food recipes submitted by SASE members and friends. It is a way for people in our community to celebrate their culture and heritage by sharing some of their favorite recipes, a few of which have been passed along for generations.

SASE is collaborating with the Greater Chicago Food Depository, a nonprofit organization that provides an average of 200,000 pounds of food *per day* across Chicago and Cook County. As one of the leading charities in the city, the Food Depository serves more than 812,000 residents annually to help fight

hunger. In the months prior to conference, the Community Service Committee also organized an in-person event where SASE members in the local Chicago area volunteered to sort and distribute food to people in need.

To support this service project, please consider making a donation to the program by purchasing a cookbook. All proceeds will be donated to the Greater Chicago Food Depository to serve meals for the hungry. To find out more, please visit us at the community service table or online at:

saseconnect.org/conference/community-service





Photo courtesy Greater Chicago Food Depository

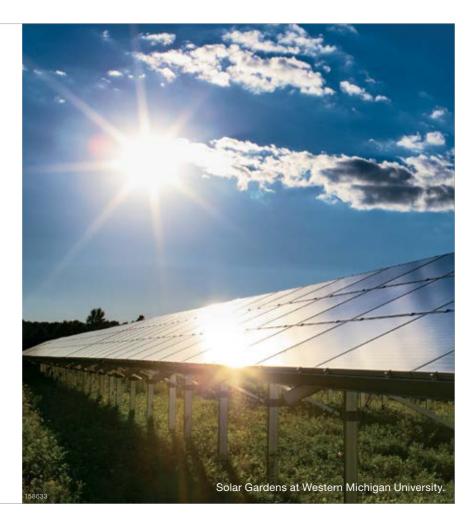
ENGINEER YOUR IDEAL STEM CAREER

AS MICHIGAN'S largest utility, we are building for the future with clean, renewable energy as our focus. We're looking for new employees to share their passion for science, technology, engineering and math while providing an essential service to our Michigan neighbors. It's an exciting time in the energy industry.

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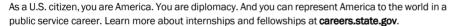
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Our Foreign Service professionals abroad and our Civil Service employees in the U.S. engage together on challenging issues each day. Whether using your engineering skills to design facilities or IT knowledge to protect networks, explaining American foreign policy to citizens of other countries, or helping U.S. farmers open up markets in emerging countries, you can make a difference with the U.S. Department of State.

With your diverse educational and cultural backgrounds, perspectives and knowledge, and exceptional analytical and problem-solving skills, you can become part of America's leadership, contributing your innovative thinking and global perspective to support and expand our efforts worldwide.





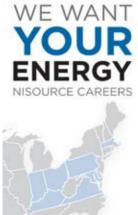
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SASE 2018 ORGANIZATION ACHIEVEMENT AWARDS

Companies and government agencies highlight top talent within their own organizations through SASE's Organization Achievement Awards. Individuals are recognized who meet or exceed the criteria in one of five categories

CAREER ACHIEVEMENT AWARD

DR. ERIK CHOWDHURY

Engineering Fellow RAYTHEON COMPANY

DR. SELDA GUNSEL

Vice President Global CommercialTechnology SHELL OIL COMPANY

MR. DINH HOANG

Systems Engineer Staff Senior LOCKHEED MARTIN

MS. SHARON HWANG

Shareholder and Executive Committee Member MCANDREWS, HELD & MALLOY, LTD.

MR. CHRISTOPHER KMETZ

Vice President, Engineering Module Centers, UNITED TECHNOLOGIES CORPORATION - PRATT & WHITNEY

DR. ATUL KOHLI

Senior Technical Fellow, Heat Transfer Analytical Methods UNITED TECHNOLOGIES CORPORATION - PRATT & WHITNEY

MR. SON LE

NASA John C. Stennis Space Center, Pressure Systems Manager, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

MR. RAJA MAHARAJH

VP and General Counsel
UNITED TECHNOLOGIES
CORPORATION - PRATT & WHITNEY

MR. NORMAN TONG

Manager: BCA Airplane Systems Electrical Functional Integration THE BOEING COMPANY

MS. JOAN WADA

Technical Fellow
THE BOEING COMPANY

Professional Achievement Award

MR. RAKESH ANEJA

Head of Powertrain Engineering DETROIT DIESEL CORPORATION

MR. ALAN CHU

Engineer
SPACE AND NAVAL WARFARE SYSTEMS
COMMAND (SPAWAR) SYSTEMS
CENTER PACIFIC (SSC PACIFIC)

MS. VICKY HSU

Operations Leader
THE DOW CHEMICAL COMPANY

MR. SUN MIN JUNG

BGS Business Development Strategy THE BOEING COMPANY

MR. DANIEL KIM

Santa Cruz Facility Integrated Planning Manager LOCKHEED MARTIN

MR. ANDY KING

Director, Visualization and Immersive Technologies Department THE AEROSPACE CORPORATION

DR. MICHAEL LEE

Manager, Space Systems Section Mechanical Systems Department THE AEROSPACE CORPORATION

MR. SHAWN LIN

Manager, Vehicle Shock & Vibration Section THE AEROSPACE CORPORATION

MR. MICHAEL LOUIE

Engineer
THE BOEING COMPANY

DR. GURU MADHAVAN

Senior Program Officer NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE

MR. CLIFTON MOY

Quality Assurance Specialist DEFENSE CONTRACT MANAGEMENT AGENCY

MS. LESLI OTAKE

Director, Modeling & Simulation Dept. THE AEROSPACE CORPORATION

MR. ANTWAN BAPHAN

Program Executive Office Command, Control, Communications, Computers and Intelligence PEO C4I) PMW/A 170 Assistant Program Manager SPACE AND NAVAL WARFARE SYSTEMS COMMAND (SPAWAR) SYSTEMS CENTER PACIFIC (SSC PACIFIC)

MR. SADEK RAHMAN

Manager Virtual Analysis Responsible-AeroThermal System Integration Simulation FCA - FIAT CHRYSLER AUTOMOBILES

MS. ANGELA STITH

Engineering and Operations Team Lead SHELL OIL COMPANY

MS. XIAN TAO

Tech Lead Trans Structural, FCA - FIAT CHRYSLER AUTOMOBILES

MR. WEDEN TENG

Engineer

SPACE AND NAVAL WARFARE SYSTEMS COMMAND (SPAWAR) SYSTEMS CENTER PACIFIC (SSC PACIFIC)

MS. CINDY TRAN

Supervisory General Engineer DEFENSE CONTRACT MANAGEMENT AGENCY

MS. ELIZABETH WONG

Systems Integration/Test Engineer Staff LOCKHEED MARTIN

MR. PHIL TRAN

Senior Principal Electrical Engineer RAYTHEON COMPANY

Promising Professional Award

MR. TAMIM AKIMI

Staff Engineer BOOZ ALLEN HAMILTON

MR. AMEYA BHOSLE

Senior CFD Engineer, FCA - FIAT CHRYSLER AUTOMOBILES

MR. ANDREW Y. CHOI

Test Program Manager NORTHROP GRUMMAN CORPORATION

MR. PETER DINH

Quality Assurance Engineer DEFENSE CONTRACT MANAGEMENT AGENCY

MS. DEDE DOLKAR

Engineer Material Process HUNTINGTON INGALLS INDUSTRIES

MR. LANCE KAMIYAMA

Senior Systems Engineer I RAYTHEON COMPANY

MS. REBECCA KUO

Technical Service Engineer BASF CORPORATION

MS. REGINA LAM

Staff Technologist BOOZ ALLEN HAMILTON

MS. JEENA LEE

Retail and Pricing Apps Supervisor CHEVRON

SASE 2018 ORGANIZATION ACHIEVEMENT AWARDS

MS. STEPHANIE LING

Senior Consultant BOOZ ALLEN HAMILTON

MR. ASHWIN MALIK

Lead Developer
MULTIPLY TECHNOLOGY

DR. DHRITI NEPAL

Materials Research Engineer
AIR FORCE RESEARCH LABORATORY

MR. VIVALDI NGUYEN

Interdisciplinary Engineer General (GS-0801) DEFENSE CONTRACT MANAGEMENT AGENCY

MS. SHRUTI SHAH

Senior Consultant BOOZ ALLEN HAMILTON

MR. JEFF SHI

Senior Systems Engineer RAYTHEON MISSILE SYSTEMS

MR. SHAILENDRA SIMKHADA

Systems Engineer II RAYTHEON MISSILE SYSTEMS

DR. NGWE THAWDAR

Research Engineer AIR FORCE RESEARCH LABORATORY

MR. CHRIS VU

Aeronautical Engineer Sr. LOCKHEED MARTIN

MS. CHRISTINA VU

Software Engineer Sr. LOCKHEED MARTIN

MR. NISHANT VYAS

Commodity Manager GW LISK

MS. ANGELA WANG

HR Account Manager US Deepwater Projects SHELL OIL COMPANY

DR. LIYING WANG

Sr. Scientist BASF CORPORATION

DR. ERANDA WANIGASEKARA

Senior Scientist BASF CORPORATION

MR. DAN YOKOI

Manager, eMobility Engineering DAIMLER TRUCKS NORTH AMERICA

MR. SHAUN ZHANG

Attorney GOLDMAN ISMAIL TOMASELLI BRENNAN & BAUM LLP

TECHNICAL/RESEARCH/BUSINESS ACHIEVEMENT AWARD

MS. SINDHU BASKARAN

Senior Economist
SHELL OIL COMPANY

DR. E JACK CHEN

Senior Consultant BASF CORPORATION

DR. LEO HAO-TIEN CHIANG

Associate Technology Director of Chemometrics and Data Analytics THE DOW CHEMICAL COMPANY

MS. BRENDA FUKAI-ALLISON

Technical Fellow
THE BOEING COMPANY

MR. STEVEN M. KIM

Optical Engineer for the Sensor Engineering Group NORTHROP GRUMMAN CORPORATION

DR. BENNY PHILLIPS

Computer Engineer (NH-0854-03) DEFENSE CONTRACT MANAGEMENT AGENCY

DR. YONG-IL YI

Senior Project Manager
NASA JOHNSON SPACE CENTER

DR. CHIN-JYE (MICHAEL) YU

Advanced Technology Manager NAVAL AIR SYSTEMS COMMAND

Erg Leadership Award

MS. MINI ANIRUDHAN

Deputy Assistance Program Manager for Systems Engineering (DAPMSE) for Unmanned System Common Control System (US CCS) NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION (NAWCAD)

DR. SYED ASHRAF

Senior Scientist
BASF CORPORATION

MS. MAUREEN GLENNON

Supervisor, Legal Analysts CHEVRON

MR. CONLAN HSU

R&D Engineer
HUNTINGTON INGALLS INDUSTRIES

MR. BRIAN KAWAMURA

Lead Associate, Navy & Marine Corps Account, Global Defense Group BOO7 ALLEN HAMILTON

DR. KALYANI MARTINELANGO

Business Analytical Leader -Etheylene Envelope THE DOW CHEMICAL COMPANY

MR. SRICHARAN MARUNENI

Manager - Electrified Powertrain Software Integration, Tools & Build FCA - FIAT CHRYSLER AUTOMOBILES

MS. MARANDA WONG

Materials & Processes Engineering Commercial Engines CIPT Deputy, UNITED TECHNOLOGIES CORPORATION - PRATT & WHITNEY

MR. MICHAEL YAO

Full Stack Software Developer NORTHROP GRUMMAN CORPORATION

MR. JUSTIN YEE

Manager, Advanced Vehicle Systems DAIMLER TRUCKS NORTH AMERICA

DR. JIE YU

Senior Process Control Engineer SHELL OIL COMPANY





Partnering with local high schools to bring STEM to the next generation.

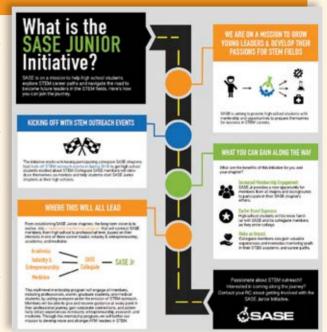
By WEI-MING KOH and SHIV SHAH

"[Science] is more than a school subject, or the periodic table, or the properties of waves. It is an approach to the world, a critical way to understand and explore and engage with the world, and then have the capacity to change that world..."

— President Barack Obama, March 23, 2015

It is never too early to get involved in STEM. Curiosity and the drive to innovate starts at a young age. SASE Jr. will provide the next generation with the tools necessary to explore and to succeed in STEM. By partnering local high schools with our collegiate chapters, SASE Jr. aims to bring the wealth and knowledge of our 90+ chapters to the high school level. The 2017-2018 academic year oversaw the successful establishment of SASE's first two high school junior chapters: SASE Jr. at Central High School (mentored by Drexel University) and SASE Jr. at IMSA (mentored by University or Illinois at Chicago). SASE Jr. hopes to grow exponentially over this next year with the establishment of multiple new chapters.

Since SASE is an organization deeply rooted in volunteerism, SASE Jr. aims to support this mission and provide SASE members an opportunity to participate in service that is both accessible yet deeply impactful. As we move into a more complex global business world, mentoring young students in STEM helps to foster a benevolent and tolerant society that is aware of complex issues. Best of all, being part of this movement is simple. From volunteering at local science or engineering fairs to mentoring a high school FIRST robotics team, STEM outreach can be accessible yet impactful. After all, the greatest gift that you can give to our next generation is your time and expertise. For more information, please contact sase.jr@saseconnect.org





Only here will you define the future of energy.

The Department of Energy's overarching mission is to advance the national, economic, and energy security of the United States, promote scientific and technological innovation, and ensure the environmental cleanup of the national nuclear weapons complex. The Department is currently seeking students for the following STEM-related internship programs. Also, be on the lookout for our Federal Pathways Internship opportunities this fall:

DOE Scholars Program

OVERVIEW: Introduces college and post-graduate students to DOE's mission and operations.

http://orise.orau.gov/doescholars/

The Science Undergraduate Laboratory Internship Program

OVERVIEW: Exposes undergraduates in STEM disciplines to DOE's research operations at one of the 17 National Labs. http://science.energy.gov/wdts/suli/

The Minority Educational Institution Student Partnership Program

PROGRAM SPONSOR/MANAGING OFFICE: The Office of Economic Impact and Diversity.

OVERVIEW: This internship program offers underrepresented high school to doctoral students

experiences to work at DOE Headquarters, Field Sites, or National Laboratories.

https://www.doemeispp.org/home

Mickey Leland Energy Fellowship Program (Fossil Energy)

OVERVIEW: This program provides college students with an opportunity to gain and develop research skills with the Office of Fossil Energy at the National Energy Technology Laboratory.

http://orise.orau.gov/mlef/

NNSA Minority Serving Institution (MSI) Program

OVERVIEW: Provides internship opportunities to students at NNSA-MSI partner colleges/universities in the areas of: research and development, technology, and administration. http://nnsa.energy.gov/federalemployment/ourjobs/

GIVING BACK TO SASE

Tor over a decade, SASE has provided young, like-minded individuals of Asian descent a unique place and voice within the STEM world; a network for young professionals, mentors for those in college, and resources for our rapidly growing community. Fueled by the strength and passion of our volunteers, we have made great strides in furthering our mission of advancing Asian heritage scientists and engineers in education and employment toward achieving their full career potential.

Has SASE made an impact on you and your future? Are you looking for ways to pay it forward for the future of the organization and its members? There are many new fun and exciting opportunities to give back to SASE that you can do today, this month, or this year! Together, with your generosity, we can continue to grow the programs and opportunities that make SASE the organization you continue to grow with. Any contribution great or small is sincerely appreciated. Learn more at saseconnect.org/give

VOLUNTEER

amazons

Give of yourself and of your time by volunteering for one of SASE's many committees. Please visit

saseconnect.org/volunteer to learn more.

SHOP ON AMAZON

Go to smile.amazon.com and select the Society of Asian Scientists and Engineers as your designated charity. Amazon will donate a percentage of your purchases to SASE. SASEsmiles, a new grant program, will award grant money for volunteering and service activities to SASE Jr., collegiate, and professional chapters biannually from this fund.



The 1st SASEsmiles grantee, SASE The University of Texas at Austin

Visit saseconnect.org/SASEsmiles for more details. The deadline for chapters to apply for the next funding cycle is December 31, 2018.

MAKE A TAX-DEDUCTIBLE CONTRIBUTION

There are two secure platforms to choose from and neither one charges credit card processing fees. SASE's website: saseconnect.org/give Facebook: facebook.com/SASE

DOUBLE YOUR GIFT!

Ask your employer if they will match a donation you make to SASE. If they do, please email admin@saseconnect.org to set up a matching gift program.



STOP BY THE GIVING TABLE

Want to learn more about giving opportunities? Visit our table (outside the Schaumburg Ballroom) to speak with leaders from the Giving Team. Donate to the National Conference Giving Campaign and make your mark on our Giving Wall.

"After being involved in SASE for almost 5 years, it felt right to give back to the organization that helped me realize my potential and passion for leadership."

BID ON A SILENT AUCTION

New this year we are hosting a Silent Auction. The auction is designed to provide mentorship opportunities - pairing leaders, young professionals, and students together in fun and interactive ways. Auction items include opportunities like: fly high in the sky with SASE Board Member and retired GE Executive Sanjay Correa in his personal plane to a favorite lunch spot; or go on a culinary tour in Colorado with SASE Executive Director Khanh Vu. View and bid on all of the exciting auction items online at

biddingowl.com/SASE. Don't delay as the auction closes Saturday, October 6 at 5 pm EST.



The Society of Asian Scientists and Engineers is a 501(c)(3) non-profit organization and all donations are tax deductible.

CHAIR WELCOME

SASE NATIONAL CONFERENCE & STEM CAREER FAIR 2018

Welcome to the 8th Annual SASE National Conference and STEM Career Fair!



his year's theme "Imagine, Innovate, Inspire" is one step towards where we see SASE heading in the future. Last year we celebrated our accomplishments from when we first came together as an organization, and this year we look towards the future. We are an organization of leaders and the vision we bring will allow us to succeed another 10+ years.

My journey through SASE over the past 4 years has been, I believe, unique. But I think SASE has been unique in that every year we grow bigger and every year we deliver higher quality content. With our return to Schaumburg, I'm excited to see how all of the moving parts will come together to make this conference stand out from the last.

Some of the returning highlights of this year's conference include: SASEtank, SASEbowl, SASEhack, and SASEtalks, which allows fellow SASE members to share with attendees their own personal and professional experiences. Revealing the fruit of community service's efforts, this year they organized a community cookbook. We have also fleshed out a professional-focused leg of conference, aimed at reaching the needs of our professional members who are growing in size every year. A lot of content has been packed in a few days, which is all the more reason to take advantage of the resources readily at your disposal during conference. Step out and meet someone new, network with speakers, and consider how you can grow as a leader by meeting other leaders within the community.

We wouldn't be able to put on this event without the dedication of the National Conference volunteers, both current and past. It is thanks to their vision and action that we are able to offer the content we do and grow our community the way we have. I want to personally thank all of you for putting your time in making this event standout year to year.

Planning the national conference has been a worthwhile whirlwind and I urge you to consider volunteering for SASE nationally, whether it's through national conference or our various other committees. I encourage you to reach out to myself and any national volunteer about how we've grown through this experience. Time really flies by when you're a part of something meaningful, and I know that all of us volunteers have developed strong relationships that have impacted our personal and professional lives. Be a part of something bigger than yourself, because only greater things await when next year rolls around in Pittsburgh.

Sincerely,

Annie Wang

SASE National Conference Committee Chair













SASE NATIONAL CONFERENCE & STEM CAREER FAIR 2018 SENATOR WELCOME

RICHARD J. DURBIN

ILLINOIS

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COMMITTEE ON APPROPRIATIONS

COMMITTEE ON THE JUDICIARY

COMMITTEE ON RULES AND ADMINISTRATION

United States Senate Washington, DC 20510-1504

October 4, 2018

Dear Friends:

It gives me great pleasure to welcome you all to the Society of Asian Scientists and Engineers' (SASE) National Conference and STEM Career Fair. I'm honored to again have this year's conference held here in Illinois - home to so many bright STEM students and professionals.

Over the past eleven years, SASE has helped empowered Asian American scientific and engineering professionals to achieve their full potential. Along with preparing scientists, engineers and technologists for success in the global business world, SASE also provides opportunities for members to contribute to their local communities. I applaud SASE's commitment to celebrating diversity on campus and in the workplace, and I look forward to seeing what you accomplish next.

Again, I would like to extend my warmest wishes and congratulations to all attendees for your dedication to diversity, leadership, and STEM education. Congratulations on all your work and achievements, and I wish you best of luck in all your future endeavors.

Sincerely,

Richard J. Durbin United States Senator

UCLA ENGINEERING Online Masters

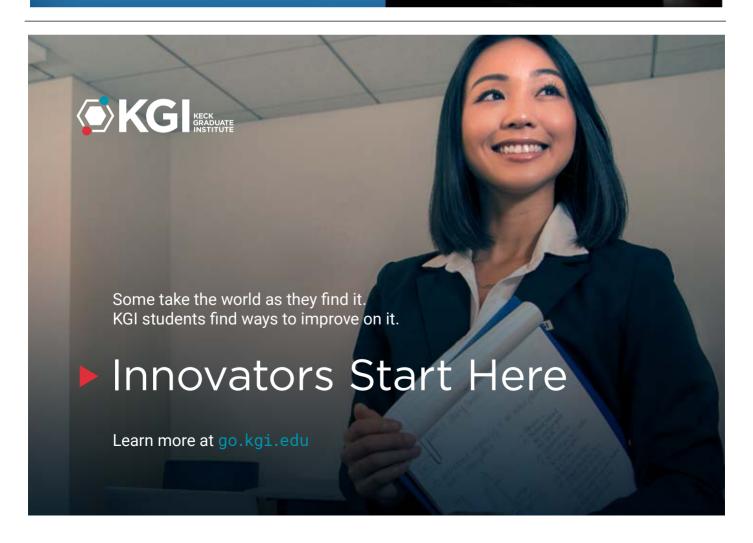
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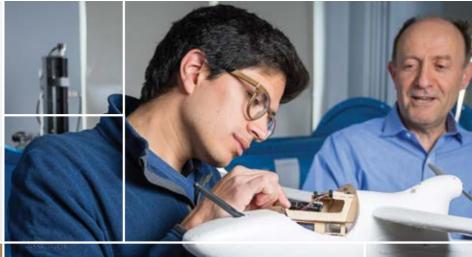
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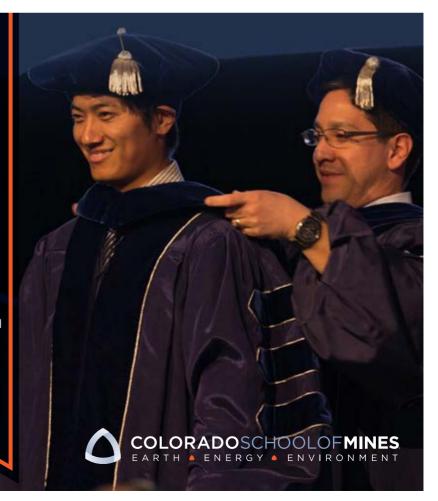
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WIN SASE SWAG



RULES

- . POST ON SOCIAL MEDIA WITH OUR HASHTAG: #SASENC2018
- 2. FOLLOW @SASECONNECT AND BE FOLLOWED BACK
- 3. FACEBOOK POSTS MUST BE PUBLIC

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SASE NATIONAL CONFERENCE

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Want to enhance your leadership skills through an organization you love?

Want to develop your professional SASE network?





Volunteer for SASE National!

For more information, go to www.saseconnect.org/volunteer or email volunteer@saseconnect.org.





POWERING THE FUTURE. POWERING YOUR CAREER.

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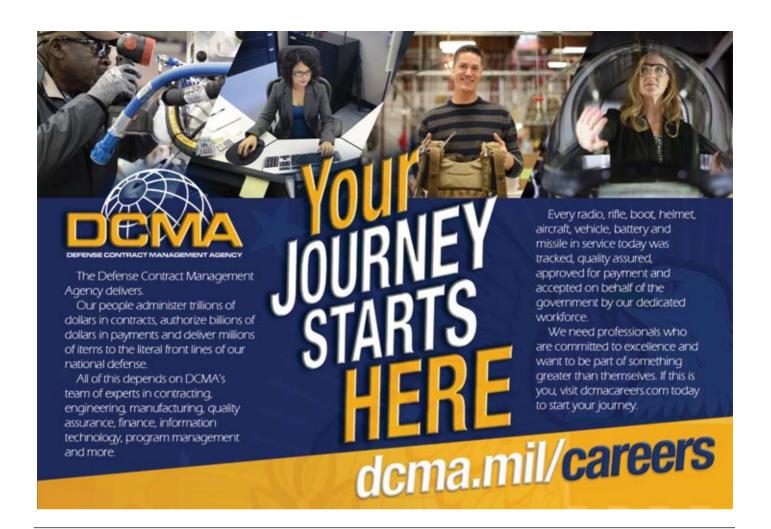
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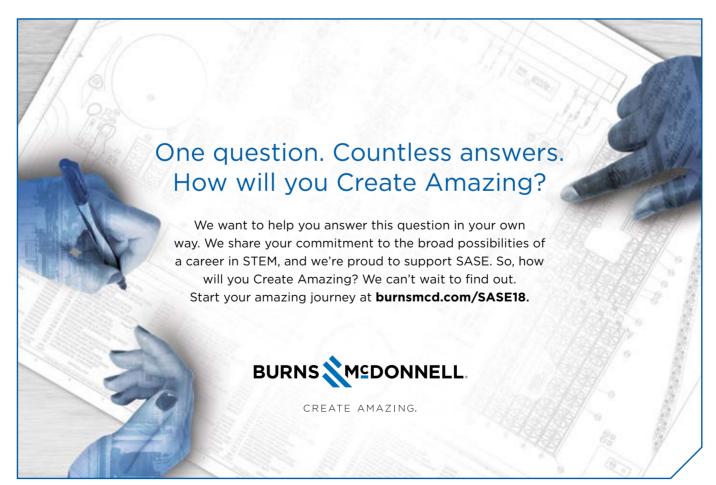


SASE STEM CAREER FAIR FLOOR PLAN

					140									
							SITTING AREA FOR EXHIBITORS AND ATTENDEES							
132	133	232		233	332		325		433	532		533	632	
130	131	230		231	330				431	530		531	630	
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EMS (Emerger	ıcy Medical Se	ervices)												
	ENTRANCE													

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Administration	407
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Thank You SASE Volunteers!

SASE NATIONAL STAFF

Khanh Vu – Executive Director
Matt Diaz – Collegiate Program Coordinator
Rolland Huie – Information Technology
Coordinator

Amanda McKenzie – National Conference Assistant Coordinator

Jennifer MacNeil – Office Manager Michael Mau – Development Manager Jessica Moy – National Conference Coordinator

COLLEGIATE

Matt Diaz – Collegiate Program Coordinator

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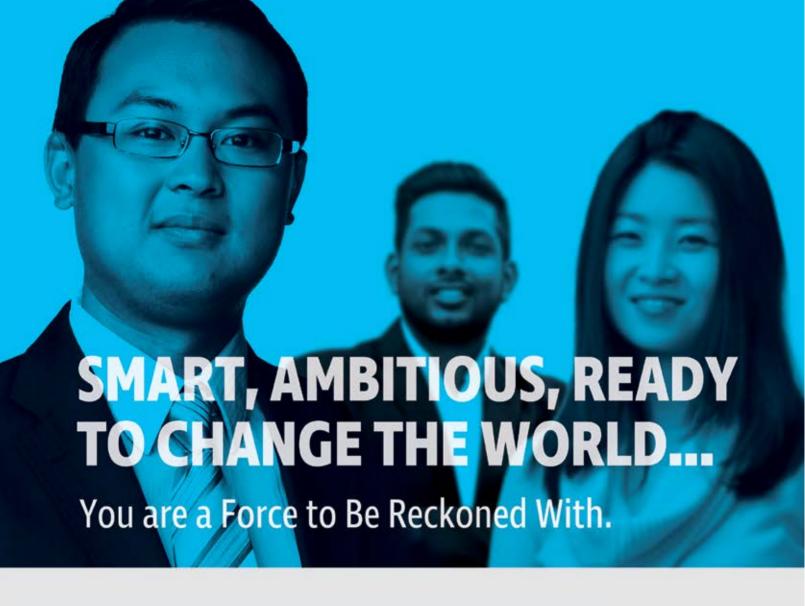












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