



2017 - 2018

GRADUATION
RECOGNITION

SJSU | CHARLES W. DAVIDSON
COLLEGE OF ENGINEERING

Welcome from Dean Sheryl Ehrman

My warmest welcome and heartiest congratulations to all of the scholarship recipients! We are extremely proud of your success, and we think you made a wise decision to pursue your academic explorations at the Charles W. Davidson College of Engineering at San José State University.

We are here to support your growth as a well-rounded person and a citizen of engineering. We celebrate your accomplishments and look forward to traveling with you on this next part of the road ahead. Our goal is to make SJSU a platform from which you can launch anywhere, whether you go to a graduate program, a career with a well-established company, or creating a brand new start-up.

I would also like to extend my heartfelt appreciation to our individual and company donors for supporting the dreams and aspirations of these inspiring students. Your generosity helps to support our mission: to prepare engineering students to be ready and able to fully contribute to the innovation, entrepreneurship and leadership of Silicon Valley and beyond. We truly appreciate your commitment.

Sheryl Ehrman

Don Beall Dean, Charles W. Davidson College of Engineering

SCHOLARSHIP RECOGNITION PROGRAM

November 3, 2017

11:30 am — 2:00 pm

11:30 Registration & Appetizer Reception

12:00 Program

12:30 Luncheon

Welcome Remarks

Dr. Sheryl Ehrman
Dean
Charles W. Davidson College
of Engineering

Scholarship

Sponsor Speakers

Herb Schueneman
Founder &
Chairman of the Board
WESTPAK

Scholarship

Recipient Speakers

Alyssa Walker
Ching Family Scholar

Andrea Coto
National Science Foundation
Engineering Leadership
Pathway Scholar

SPEAKER



Herb Schueneman
Founder &
Chairman of the Board
WESTPAK

In 1986 Herb Schueneman founded Westpak, Inc., a leading independent testing firm with laboratories in San Jose and San Diego, California. Westpak specializes in medical device and pharmaceutical product, reliability, distribution, and package testing services for many industries. He has been Chairman of the Board of Westpak since 2015.

“Westpak was formed by two frustrated engineers who thought that testing services should be delivered in the same fashion that we would want to receive them,” says Schueneman. “It was our method of applying the Golden Rule to a business enterprise. That same philosophy applies 30 years later and is an integral part of how we do business even today. In addition, I believe that work should be an enjoyable and professionally fulfilling endeavor, not just a four letter word. These are the keys to our success.”

Schueneman has also been with SJSU since 1985. He first served as Adjunct Professor in the Packaging Program, 1985 to 2014. From 2000 until 2007, Schueneman also served as Packaging Program Director.

Schueneman got his B.S. in Packaging and Handling at the Michigan State University School of Packaging, where he was a member of the MSU Fencing Team. He has an MBA from Northern Illinois University.

John Akin Scholar
Julie Bao

Applied Materials Scholar
Jordan Helledy

David A. Brown Scholars
Menson Li
Eric Rosenfeld

Cadence Scholar
Vincent Tam

Ching Family Scholar
Alyssa Walker

Ditmore Family Endowment
Scholar
Cassandra Villicana

Harry Wong Scholars
Ashley Bidabe
Jacob David
Joel Lucatero
Vikas Naveen
Syeda Rizvi

SCHOLARSHIP AWARDEES

JOHN AKIN SCHOLAR

EMMA LEGG SCHOLAR

Vincent Tam
VincenElectrngineering , Cla, 5

Jordan Helledy
Biomedical Engineering , Class of 2018

“I hope to change the world by working on cutting-edge technology in the biotech industry that improves the lives of many people. I want to propel technology such as digital health, arti cial organs, and prosthetics to reaching their highest potential while ensuring their accessibility and affordability to the population.”

DITMORE FAMILY ENDOWMENT SCHOLAR



Cassandra Villicana
Biomedical Engineering, Class of 2019

“My goal is to do a PhD in Bioengineering after San José State. My career goal is to work for industry, but ultimately lead towards being a university professor. I have fallen in love with the learning and knowledge gained from research and hope to make an impact within the field.”

HARRY WONG SCHOLARS

Ashley Bidabe
Civil Engineering, Class of 2019

“My ambition to continue to progress is what makes me stand out as an SJSU College of Engineering student. No matter what life throws at me, I have found a way to get through it because I know that I have a bright future ahead of me.”

CHING FAMILY SCHOLAR

Alyssa Walker
Industrial and Systems Engineering, Class of 2018

“I hope that I can change the world by encouraging children to aspire to achieve an education despite the setbacks they may occur. I think by educating children in all aspects of life, whether in school or just life lessons, will make a huge difference in the world.”

SCHOLARSHIP AWARDEES

HARRY WONG SCHOLARS

Joel Lucatero Aerospace Engineering, Class of 2020

“My best class project was building a robot writing code for it to complete some tasks. While some focused on the code, I focused on the mechanical aspect, and it was very fun and challenging to make it work. My group ended up getting 1st place in the speed run.”

Syeda Rizvi Electrical Engineering, Class of 2019

“My career goal is to support an effort that makes human life better. I know I can do this in the field of engineering because the work engineers do directly affects human lives. Just like doctors have a direct impact on their patients, the work engineers do is all for making the world a better place through small-scale devices to large-scale infrastructure and technology projects. I am excited to learn more.”

Vikas Naveen

Computer Engineering Class of 2019

“I hope to change the world through the use of technology, which can open many doors in making life easier and more convenient. After getting my degree in engineering at San José State University I aim to make technology more easily accessible for people around the world. One area where I would like to contribute is in the field of robotics.”

JANE EVANS ENDOWMENT SCHOLARS

Udit Chopla | Computer Engineering, Class of 2019

“Since my freshman year, I have been part of the Robotics Team. Throughout my experience on the team, I’ve learned a lot of new skills outside of the classroom. This was also a great way for me to meet upperclassmen who could act as guides for me throughout my project and give useful advice throughout my engineering coursework. Although the work was initially intimidating and challenging, I



Kimberly Flores
Computer Engineering,
Class of 2019

“The best class project I have worked on is MyTutor, a mobile application that aims to connect tutors and students, for my Introduction to Software Engineering class. It was not so much the end product that made it great, but the sum of all the principles that I had learned in the process. The project emphasized the importance of the delegation of tasks and roles. It taught me all about the software process—how there is more to a product than its lines of code.”

SCHOLARSHIP AWARDEES

JANE EVANS ENDOWMENT SCHOLARS

Elisa Parent Electrical Engineering, Class of 2020

“My dream job would be to be a researcher at a company that is trying to make people’s lives easier using technology. I would like to work on that because research is pretty interesting to me and researching pushes the boundaries of human knowledge. And by making sure that I am helping people with my degree, I am using my talents to the best of my abilities.”

Jared Arroyo-García Computer Engineering, Class of 2020

“The best class project I have worked on so far was building and programming a LED music visualizer. My group and I built a 5 by 5 square of LED lights and programmed each row of lights to light up when the music being played was in between a certain frequency range. This created a visual that was constantly altered as the frequency of the music changed. Many DJs and music artists use similar devices as entertainment for their shows. My teacher believed this project was more advanced than what we had learned so far, so he was not sure if we could finish. Fortunately, we finished the project, and it worked perfectly. This project not only allowed me to learn more than I ever have in any class, but it also proved that I could reach any goal I put my mind to.”

KLA TENCOR SCHOLARS

Sophie Chen | Software Engineering, Class of 2020



SCHOLARSHIP AWARDEES

KLA TENCOR SCHOLARS

Katie Burrows | Computer Engineering, Class of 2019

LAM RESEARCH SCHOLAR

Christian Syl | Materials Engineering, Class of 2020

“This scholarship has allowed my family to financially support my other siblings in their endeavor for higher education. I have two brothers who are also going to college, and my family would not have been able to help pay for their tuition fees if not for SVES. The scholarship also allows me personally to continue playing roller hockey, as I would have had to help my parents pay for tuition fees with the money I receive from work..”

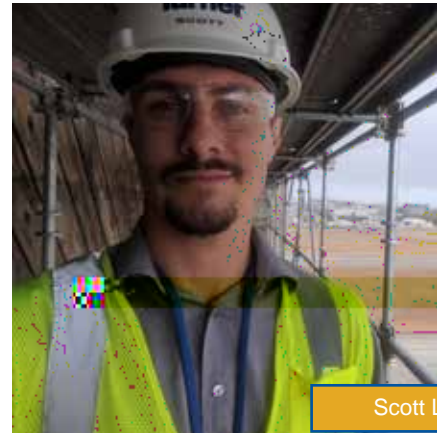
Scott Lutes | Mechanical Engineering, Class of 2019

“Engineering provides an outlet for innovation and progress. SJSU is in the heart of Silicon Valley, the epicenter of innovation. I came to this school because I knew there would be opportunities unique to our environment. It wasn’t until I attended, however, thatue to our

SCHOLARSHIP AWARDEES



Crystal Perez at AS Alternative Summer Break in Oaxaca, Mexico (picture taken on top of Monte Alban)



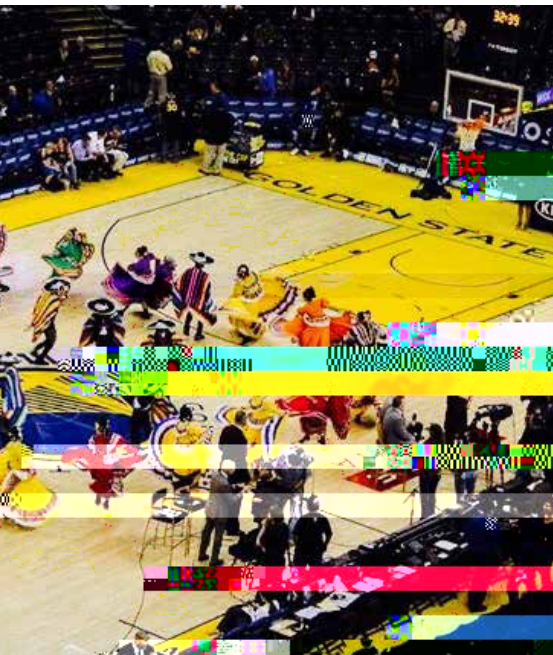
Scott L



Crystal Perez performs at the Warriors game w



Quyen Tran is loving her internship at KLA-Tencor this summer!



SCHOLARSHIP AWARDEES

Joaquin Olivares Mechanical Engineering, Class of 2018

“Four clubs definitely made a difference in my college experience: SJSU Robotics, Society of Latino Engineers and Scientists, Pi Tau Sigma, and Science Extravaganza. The most challenging was SJSU Robotics because

Crystal Perez-Reymond Civil Engineering, Class of 2019
Minor: Spanish Language and Mexican-American Studies

“I hope to change the world by inspiring low-income students realize higher education is achievable. In many ways I have broken the barriers and have proved that higher education is achievable, and STEM most importantly, since that is where the future jobs will be.”

Marvin A. Pablo Perez Mechanical Engineering, Class of 2020

“When I came to United States in 2012, I was amazed at the high level of technology that this country possesses. However, the level of pollution was also higher. Therefore, I set my goal to become an engineer and seek for alternatives to transform my village into a more developed one, but with a lower level of contamination. One of the outstanding differences between my village and Oakland were the cars. I had always dreamed about having my own car. I can say that cars are my passion. After I got my first car in 2013, I understood that this useful and amazing machine contributes a lot to the pollution of cities and I would like to help make them less harmful for the environment. I want to help develop vehicles and machines as efficient as the ones that we know in present day, but that do not pollute our environment.”

SCHOLARSHIP AWARDEES

PARISI FAMILY SCHOLAR

Antonio Gonzalez

SAMSUNG SCHOLAR

Wyatt Goodsite | Software Engineering, Class of 2020

“I am a member of the I.D.E.A.S. Club in which I participated in the PASEO Public Prototyping challenge, where my team placed 2nd in the challenge last year. We developed a prototype for a platform that allows local farmers to sell or donate fresh produce to local organizations through our mobile application. I was also a part of the Software and Computer Engineering club last year, where I learned a lot about my major and related fields through the classes and guest speakers that the club provided.”

SVES FUND SCHOLARS

Ryan Wadel Civil Engineering, Class of 2020

“My dream job is to play a role in designing a large civil project. The design aspect of large public works, such as bridges, dams, and skyscrapers, has always interested me most. I would consider it a great accomplishment if I can make this a reality in my career. I would like to be involved in project management and efficiency as well.”

Antonio Hernandez
Civil Engineering, Class of 2019

“This scholarship allowed me to grow as a person. Before college I was a quiet guy who didn’t really stray away from my comfort zone. Knowing that I was moving to a whole new world, I realized that I had to come out of my shell and become more social or else it would be a very long four years of college. Not only did I become more social but I was able to experience more such as traveling and activities. I am glad that I chose to move away from home because if I didn’t I’d still be the same quiet guy instead of living a more social and experienced life.”

Joshua Gendein
Biomedical Engineering,
Class of 2020

“This scholarship is going to allow me to get much more involved on campus. Because of this scholarship I am looking forward to joining many different clubs instead of having to use my free time to get a job.”

WESTPAK
WARREN DUNNING
MEMORIAL SCHOLAR



Marcus Meyer
Industrial Technology,
Class of 2017

“This scholarship made it possible for me to go to SJSU and finish my B.S. degree. I do not have the benefit of financial help from any other source than myself. This scholarship means everything to me.”

SCHOLARSHIP AWARDEES

Tyler B1Ano

Anique Davlal Software Engineering, Class of 2019

“My best class project in Software Engineering required me and my team to identify a problem and build a solution for it. We developed a web app where students on college campuses, especially SJSU, can explore club/organization/department events based on student availability, day/time of the week, interest, major and free food. I liked the process of taking a problem that I personally faced finding events on campus and turn it into a product that would benefit everyone. I soon realized I had to approach the solution to that problem as a real product, something that will be released, marketed and hopefully used by multiple college campuses.”

Karina Huete
Civil Engineering, Class of 2018

“Contributing to develop a series of sustainable projects for communities abroad is how I would like to lend my skills and passion. Studying in Guatemala this past summer, I saw firsthand what more can be done for developing countries. Seeing the poverty and need in the communities I visited, sparked my interest in using my skillset to find solutions that address difficulties in developing countries. One area of need that caught my eye was the lack of clean water and electricity. I hope to use my engineering skills to help address these issues in the future.”

Isaiah Gosienao
Mechanical Engineering,
Class of 2019

“My dream job is to work as a prosthetics engineer. I hope to make prosthetics that are able to be functioning body parts. Through studies of mechanical engineering and a minor in biomedical engineering, I hope to accomplish this in my career.”

Luis Arevalo Software
Engineering, Class of 2018

“This scholarship has allowed me to visit companies I would never been able to visit, but also gave me connections inside the company to help my professional development. Also, it has allowed me to live in San José without causing a burden on my father so I can focus directly on my studies without worrying how to pay for housing and school expenses.”

SCHOLARSHIP AWARDEES

NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS

Anthony DiSilvestre | Civil Engineering, Class of 2019

“I chose engineering as my major because of my proficiency in science and math combined with my budding interest in environmental design. No other major could so similarly put me on track to managing the creation of the systems that keep a community both secure and operational. I chose SJSU as my institution after a recommendation from an engineering professor at my community college. SJSU had the all-inclusive culture of the surrounding city, as well as a prestigious engineering program, so I could not go wrong by attending classes here.”

Isaac Gendlet | Mechanical Engineering, Class of 2019

“I am involved in MEP and starting a new club called Network for Environment and Energy Development. I love MEP’s vibrant community and mission of supporting underrepresented individuals in STEM, and I like working with NEED to provide research opportunities to students and inform the greater community about sustainable infrastructure. Running NEED can be challenging but I love giving back to the San José community and inspiring others to do research.”

Teralyn Crill

Materials Engineering, Class of 2018

“My favorite engineering project that I’ve worked on is a research paper on aerogels. Learning about the structure, properties, and uses for this material made the semester engaging and left me wanting more. Since aerogel isn’t used in a lot of everyday applications, almost everything I learned was new and exciting, and I was able to understand how it worked.”

Stephanie J. Hadley
Aerospace Engineering,
Class of 2019

“I hope to aid in the adaptation
of our species and all life that

SCHOLARSHIP AWARDEES

NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS

Joshua Renz Civil Engineering, Class of 2019

“My dream job would be to design large superstructures such as sports stadiums or some other iconic buildings that people would be able to enjoy long into the future. When I was in the construction industry, I always felt a sense of pride when I would complete a project. I would ultimately like to own my own company that would design, engineer and build projects from start to finish.”

Cesar Roberto Lainez
Mechanical Engineering, Class of 2018

“I joined the Biomedical Engineering Society at SJSU. I thoroughly enjoy hanging out and talking with its members, all of whom share similar goals to mine. I attended their yearly Biomedical Device Conference this year and it was a blast! It allowed me to connect with CEOs and engineers in the industry and I learned a lot from them. I foresee that being an active member of BMES will open doors for my career in the medical device industry.”

Alyssa Sandore
Computer Engineering,
Class of 2018

“This scholarship allowed me to attend professional and leadership conferences I would have otherwise been unable to attend. These conferences have greatly assisted me in learning about current industry trends and how to make myself marketable to employers.”



Ramon Valencia | Civil Engineering, Class of 2018

“SJSU provided the type of platform that will propel me to be a successful engineer. Engineering is a profession that allows me to provide my family with a life deserving of their hard work. Engineering is the type of career that will show my family that higher education is possible if you put the work in.”

Andy Ma | Electrical Engineering, Class of 2019

“During this summer break I built a low and high audio filter for my first ever circuit analysis class. This was the first circuit that I actually built myself and saw successfully work. It was the first time that I knew I was in the right major.”

Marcos Ocampo Navarro
Mechanical Engineering,
Class of 2018

“Because of this scholarship, I really enjoyed the field trip we had at Cisco. It was interesting to see how many different departments are integrated and it showcased that work in the real world entails a lot of teamwork and communication. I look forward to any similar experiences this semester.”

SCHOLARSHIP AWARDEES

STUDENT CLUBS AND ORGANIZATIONS

More than 60 organizations affiliated with the College of Engineering exist to provide students with opportunities for networking, leadership, teamwork, professional development, hands-on experience, and community building.

Discipline Based — These groups are tied to a specific major or industry and often are student chapters of well-established professional associations.

- American Concrete Institute
- American Institute of Aeronautics & Astronautics
- American Institute of Chemical Engineers
- American Society of Civil Engineers
- American Society of Mechanical Engineers
- Associated General Contractors
- Association of Technology, Manufacturing, and Applied Engineering
- Biomedical Engineering Society
- Design Build Fly: Hardware
- Human Factors and Ergonomics Society
- Institute of Electrical & Electronic Engineers
- Institute of Industrial & Systems Engineers
- Institute of Transportation Engineers
- Materials Advantage
- Society for Computer Engineering
- Society of Automotive Engineers Int'l
- Society of Plastic Engineers
- Spartan Organization for Astronautical Research
- User Experience Association

Project/Activity/Competition Based — These groups generally focus on a physical task or project, often competing with other schools.

- Amateur Radio Club
- Automated Transit Network Development Club
- Autonomous Vehicle Club
- Concrete Canoe Team
- CubeSat Mission Extension Docked Active Control
- Earthquake Engineering Research Institute
- Hermes Aircraft Design
- Mars Terrain Vehicle
- Makers Club
- Network for Environment and Energy Development
- Rocket Club
- SJSU Robotics
- SAE – Baja Vehicle

- SAE – Formula Vehicle
- SAE – Spartan Racing Electric Science Extravaganza
- SJSU Precision Flight Team
- Spartan Aircraft Design
- Spartan Drone
- Spartan Embedded Hardware
- Spartan Embedded Software
- Spartan Hyperloop
- Spartan Mechanical Engineers
- Spartan Organization for Astronautical Research
- Spartan Superway Organization
- Spartan Tube Plane
- Spartan UAV – Unmanned Autonomous Vehicle
- Steel Bridge Team

Interest Based — These groups center on a shared experience and/or interest.

- Asian Coalition of Engineers and Scientists
- Black Alliance of Scientists and Engineers

- Bridge Engineering Student Transition Program
- Engineering Ambassador Program
- Engineers Without Borders
- Out in Science, Technology, Engineering, Mathematics
- Society of Latino Engineers and Scientists
- Society of Women Engineers
- Women in Aviation

Honorary/Professional — These groups recognize strong academic performance and/or commitment to a specific field.

- Alpha Eta Rho, Aviation Fraternity
- Chi Epsilon, Civil Engineering Honor Society
- Colony of Alpha Omega Epsilon
- Eta Kappa Nu
- Pi Tau Sigma, Mechanical Engineering Honor Society
- Tau Beta Pi, Engineering Honor Society

Connect with us

SISI Engineering