



SJSU | CHARLES W. DAVIDSON
COLLEGE OF ENGINEERING

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SCHOLARSHIP
RECOGNITION LUNCHEON

SEPTEMBER 23, 2016

WELCOME



Welcome from Interim Dean Hsu

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.

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.

Students, I invite you to use this scholarship to pursue the full college experience. We are not just bookworms! Join a student organization, volunteer for something, or simply find a new interest. 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.

Ping Hsu

Interim Dean, Charles W. Davidson College of Engineering

SCHOLARSHIP RECOGNITION PROGRAM

September 23, 2016

11:30 am – 2:00 pm

11:30 Registration & Appetizer Reception

12:00 Program

12:30 Luncheon

Welcome Remarks

Dr. Ping Hsu

Interim Dean

*Charles W. Davidson College
of Engineering*

Scholarship

Sponsor Speakers

Indira Joshi

*Director of Datacenter
Storage & Memory
Architecture
Samsung*

Scholarship

Recipient Speakers

Alyssa Ruiz

Parisi Scholar

Kelli Sum

*National Science Foundation
Engineering Leadership
Pathway Scholar*

SPEAKERS



Indira Joshi

*Director of Datacenter Storage & Memory Architecture
Samsung*

Indira Joshi is Director of Datacenter Storage & Memory Architecture team, part of Samsung's Memory Solutions Lab. Her team is at the forefront of delivering high performance Storage reference solutions based on Samsung's cutting edge Flash technologies for Datacenter & Enterprise solutions. The latest offering is a high performance NVMe SSD based reference solution code-named Sierra.

Indira started her career as a design engineer in Intel's CPU design organization. She was part of many successful CPU launches including Pentium, Nehalem and Haswell. She also led the Power management architecture group in Intel's Client Platform Architecture organization. The innovative power solutions were seminal to making Intel's Ultrabook design a reality. Indira has successfully led highly innovative engineering & architecture teams.

Indira graduated with a Master's degree in Computer Engineering from the University of Texas at Austin and a Bachelor's degree in Electronics Engineering from the University of Mumbai, India.

Indira's interests include promotion of STEM in education, Art and Travel.

2016 – 2017 SCHOLARS

Applied Materials Scholar

Jordan Helledy

Ching Family Scholar

Alyssa Walker

Ditmore Family Endowment Scholar

Cassandra Villicana

Doug Munson Scholar

Nicole Deleon

Emma Legg Scholar

Nadia Zaka

Harry Wong Scholars

Joshua Bevis
Ashley Bidabe
Jacob David
Joel Lucatero
Vikas Naveen

Hickman Family Scholar

Aishwarya Borkar

Jabil Scholar

Christian Sy

Jane Evans Endowment Scholars

Jared Arroyo-Garcia
Kyle Carter
Kimberly Flores

Michael Lee

Elisa Parent

KLA-Tencor Scholars

Katie Burrows
Sophie Chen
Samantha Cooper
Alex Gomez Chavez
Isaiah Gosiengfiao
Vivian Leung
Marcus Meyer

Lam Research Scholars

Peeyusha Boorada
Andy Ma
Adela Quintanar Gomez

MEP-Brocade Scholars

Trinh Au
Kevin Gomez
Alexander Zavala

MEP-Cisco Scholar

Julie Bao

MESA Engineering Program Scholar

Alan De Lira

National Action Council for Minorities in Engineering Scholars

Jennifer Gamboa
Angel Gonzales

Joaquin Olivares

Marvin Pablo
Evelyn Ventura

Parisi Family Scholars

Brandon Arias
Alyssa Ruiz

Samsung Scholars

Wyatt Goodsite
Paul Payumo

SVES Fund

Joshua Geindein
Antonio Hernandez
Jacob Toy
Ryan Wade

National Science Foundation Engineering Leadership Pathway Scholars

Luis Arevalo
Leroi Baltazar
Anthony Bowe
Tyler Bruno
Travis Carmichael
Andrea Coto
Teralyn Crill
Kareem Darkazanli
Anique Davla
Anthony DiSilvestre
Martin Garcia
Isaac Gendler

Stephanie Hadley

Quynh Ho
Karina Huete
Tyler Jones
Cesar Lainez
Marcos Ocampo Navarro
Melissa Ortiz
Joshua Renz
Alyssa Sandore
Pedro Soto
Michael Souza
Kelli Sum
Quyen Tran
Yvette Valdez-Carranza
Eulises Valdovinos
Ramon Valencia
Michael Walker
Lucky Wen
John Williams

National Science Foundation Engineering Leadership Pathway Faculty Mentors

Thalia Anagnos
Fred Barez
Richard Chung
Magdalini Eirinaki
Nicole Okamoto
Laura Sullivan-Green
Jacob Tsao

SCHOLARSHIP AWARDEES

APPLIED MATERIALS SCHOLAR



Jordan Helledy

Biomedical Engineering

“I am looking forward to driving into my major classes and becoming educated on the basics of biomedical engineering. I am also hoping to expand my academic and professional network by building great relationships with my peers, professors, and industry leaders. Lastly, I am looking forward to get experience in the field by having an internship in the near future.”

CHING FAMILY SCHOLAR



Alyssa Walker

Industrial and Systems Engineering

“I hope to to change the world by treating people the way I would like to be treated. I would like to be a good influence to youth to inspire them to follow their goals.”

EMMA LEGG SCHOLAR



Nadia Zaka

Civil Engineering

“This scholarship has provided me and other students opportunities that aren’t offered to most students, such as fieldtrips to engineering companies, leadership breakfasts, and a chance to meet our donors.”

DITMORE FAMILY ENDOWMENT SCHOLAR



Cassandra Villicana
Biomedical Engineering

"I chose to pursue Engineering as a way to improve my moral values. Engineering, in my eyes, is a knowledgeable and important profession that involves more than just math and science. It cultivates a mind that can analyze and produce alternatives to a 'single view' of things. Together with the diversity of SJSU, I can practice this notion."

DOUG MUNSON SCHOLAR

Nicole Deleon
Industrial & Systems Engineering

"I am in the top 1% of my graduating class. In addition to performing well academically, I have also held several leadership positions and internships. I was a previous Historian of the Society of Women Engineers, Vice President of the Bridge Engineering Student Transition Program, and President of the Institute of Industrial and Systems Engineers. I have also interned at Juniper Networks, Santa Clara Valley Medical Center, and Becton Dickinson."



HICKMAN FAMILY SCHOLAR



Aishwarya Borkar
Software Engineering

"Currently, I'm actively involved in the Society of Women Engineers (SWE), and the Engineering Ambassador Program (EAP). What I like about these two organizations is that I can experience the interpersonal side of engineering through my participation in them. Personally, I feel engineering is just as much about the connections that you make and the way you present yourself to future employers as it is about the actual tangible result of your hard work. The SWE clubroom is a great place to grow your network and to learn about the different disciplines of engineering."

SCHOLARSHIP AWARDEES

HARRY WONG SCHOLARS



Joshua Bevis | *Mechanical Engineering*

"My dream job is to design robots for various applications because I have fallen in love with electromechanical design and construction. I want to do the best work I can and push technology as far as it will go."



Vikas Naveen
Computer Engineering

"I plan to get a strong background in engineering at SJSU. With this knowledge I hope to make technology more easily accessible to the majority of the people in the world. Some of the areas of technology which I hope to make contributions in are robotics, machine learning, and self-driving cars."

Ashley Bidabe | *Civil Engineering*

"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."



Jacob T. David | *Software Engineering*

"I intend to improve the quality and efficiency of many common processes such as the mass production of goods in order to increase the standard of living for the public. For instance, I plan to design more affordable computer programs that retain excellent quality to help streamline manufacturing, or to decrease energy use so that there is less dependence on fossil fuels."



Joel Lucatero | *Aerospace Engineering*

“My dream job is to be both an expert in physics and a great engineer. By solving the mysteries of the universe, such as dark energy and dark matter, I will have the knowledge to dramatically advance current travel technology, and by being an engineer, I will have the know-how to put my knowledge into real world machinery.”

JANE EVANS ENDOWMENT SCHOLARS



Kimberly Flores | *Computer Engineering*

“I chose to study computer engineering because I have always been fascinated by both the software and hardware side of computers. I challenged myself my last year of high school and took an introduction to C++ class at a community college out of curiosity. As a result, I fell deeper in love with computers and did my senior project using an Arduino board to build a Bluetooth-controlled toy car.”

Michael Lee | *Computer Engineering*

“My Dream job is to help businesses grow. I love the marketing aspect and creativity that is required to acquire new people to use a project or service. I hope to accomplish this by working with Silicon Valley companies and gain experience by using engineering to understand the systems and how they work to better convey a story to tell people.”



JABIL SCHOLAR



Christian Jarod Sy
Materials Engineering

“I hope to change the world by creating more biodegradable and reusable products. The amount of pollution in the world can be reduced by using more environmentally friendly products and I believe it is possible to do so in the near future.”

SCHOLARSHIP AWARDEES

JANE EVANS ENDOWMENT SCHOLARS



Jared Arroyo-Garcia | *Computer Engineering*

"I chose SJSU because it is located in the heart of the Silicon Valley which is filled with various opportunities. Also, SJSU has an excellent Computer Engineering program. I felt that the best opportunity for me to thrive as an engineering student was to surround myself with a great learning environment. I am very interested in mathematics and innovations so I felt that engineering would be the best fit for me."

Elisa Parent | *Electrical Engineering*

"I can't wait to study with people who have the same interests as me. In IEEE, I am looking forward to the many projects and making connections that will be helpful later in life."



KLA-TENCOR SCHOLARS



Marcus Meyer | *Industrial Technology*

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

KLA-TENCOR SCHOLARS



Alex Gomez Chavez | *Computer Engineering*

"I think what makes me stand out the most is my determination. I am determined to succeed as an engineer and to become the best I can be. My determination along with intelligence, creativity and leadership are all characteristics that define an engineer and define me."



Katie Burrows

Computer Engineering

"My dream job is working with Valve Corporation or Oculus VR because they are the companies that are working in the kind of field I am interested in. By the end of my career, I want to expand virtual reality to a formed of communication."

Isaiah Gosiengfiao | *Electrical Engineering*

"As a SJSU College of Engineering Student, what makes me stand out is modesty. I have learned that the way to create a path of success is by being humble especially around others. Traits such as arrogance only get in the way of reaching your own aspirations."



Vivian Leung | *Software Engineering*

"I am interested in the artistic, mathematical side of innovation and enjoy merging efficiency with elegance through design, color, and expression. I also have a background in music and love analyzing the mathematical patterns that go into making music sound a certain way, AKA music theory. Even though I'm a software engineer, I lived on the arts floor as a freshman, and learned how to express myself in bizarre ways and the importance of imagination. It also made me realize that I can pursue these interests in my profession in a unique way through graphic design, music, video games, and animation."

SCHOLARSHIP AWARDEES

KLA-TENOR SCHOLARS

Samantha Cooper | *Industrial & Systems Engineering*

“The best class project I have worked on was a trebuchet because I got to share my ideas of how I believed it would work the best after research with some of my closest friends and the project turned out great.”



Sophie Chen | *Software Engineering*

“Growing up, I followed my mother and brother’s footsteps and started volunteering with different activities such as playing bingo with the elderly in a nursing home or cooking and serving the homeless. During high school, I volunteered for a larger organization and traveled to Taiwan to teach underprivileged children English. Through this, I realized my passion for volunteering and helping others succeed. In the future, I hope I can teach others to love volunteering as much as I do and provide resources whenever I can to those in need, which will hopefully change the world into a better place as more people will have the ability to succeed.”

LOCKHEED MARTIN SCHOLAR



Royd Johanson
Aerospace Engineering

“Receiving this scholarship has helped to decrease the financial burden of school.”

KLA-TENCOR/ELPS SCHOLAR



Marcos Ocampo Navarro
Mechanical Engineering

“As a new student to SJSU I most look forward to meeting new friends who will share the same adventure as me. I’m also looking forward to all the projects that will inevitably make me grow as a student and engineer.”

LAM RESEARCH SCHOLARS



Peeyusha Boorada | *Mechanical Engineering*

“Robotics is something that I am really passionate about. Seeing how it has become such a huge part of everyday life and research, I hope to integrate my education with the advances. With the variety of rovers sent to planets, asteroids and comets, I hope to extend the boundaries of our world and discover the unknown with robotics technology.”

Adela Quintanar Gomez | *Electrical Engineering*

“Although I have met new people during my classes, my scholarship has given me exciting volunteer experiences with students, parents and faculty.”



Andy Ma | *Electrical Engineering*

“One thing I hope to accomplish in my career is to help the world to transfer to renewable energy. Our world today is being overloaded with carbon dioxide and many other emissions that causes global warming. One of the many solutions to this problem is changing what energy we use. I want to help conserve the earth for future generations.”



MEP-CISCO SCHOLAR



Julie Bao

Computer Engineering

“I believe that computers are the future and I want to help the society transition into that future. San Jose State University is located in Silicon Valley, which will provide me many opportunities and connections. I believe that being here will allow me to grow, flourish, and be able to make a difference in our society.”

SCHOLARSHIP AWARDEES



Lunch at the Student Union with coworkers from Brazil

MEP Ceremony



2016 Institute of Industrial & Systems Engineers Conference
3rd place out of over 70 international teams in a simulation competition



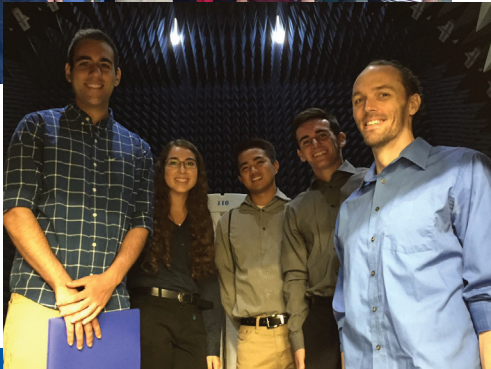
Senior project presentation



Computer & Software Club
Showing Their Rover



Industrial & Systems
Engineering students being
recognized at the 54th Annual
Honors Convocation



Scholar Cisco Fieldtrip
Fall 2016



Spartan Hacks 2016
1st Hackathon ever at SJSU
Placed 3rd (out of 17 teams)



SCHOLARSHIP AWARDEES

MEP-BROCADE SCHOLARS

Alexander Zavala | *Computer Engineering*

"I am part of the Society of Latino Engineers and Scientist (SOLES) and Mesa Engineering Program (MEP). I like the community feeling you get from participating in these clubs. I am also part of Tau Beta Pi (TBP) the engineering honor society. They have a lot of resources to start my career in the field of engineering. Its hard to be a full time member due to my school work. They all offer a lot so it is difficult to attend all they resources they offer."

Au Trinh | *Industrial & System Engineering*

"I am interested in ISE because I like how you get to manipulate a system and try to make the product/system better and more efficient and productive for the environment."

Kevin Gomez | *General Engineering*

"The best class project I've worked on is probably the robot lab project in SJSU's Introduction to Engineering class. We got to work in a group of 6 to solder the board, construct the body and program the auto-controls for the robot. It was a fun and varied project that allowed us to implement a good amount of creativity."



MESA ENGINEERING PROGRAM SCHOLAR



Alan De Lira

Civil Engineering

"I will miss my time spent in MEP studying and spending time with my peers. I will miss all of the late study nights which resulted in us getting kicked out of the Engineering building by the janitors."

**NATIONAL ACTION COUNCIL FOR MINORITIES IN ENGINEERING
(NACME) SCHOLARS**



Jennifer Gamboa | *Mechanical Engineering*

"The most important thing that I would say is that I would like to be able to give insight as to how a certain company can increase efficiency and profitability, while keeping human comfort and usability as a core concept."



Marvin Pablo Perez
General Engineering

"This scholarship will allow me to have more time to work on my homework and assignments. This semester I will be able to focus all my time just in my classes, unlike the past semesters I had to work to sustain myself. Receiving a scholarship have helped me mentally because it has taken away some of my financial concerns and it has provide me another reason to demonstrate that I can succeed in college. I want to demonstrate to my donors that I was the right student they chose to receive the scholarship by succeeding in college."

Joaquin Olivares | *Mechanical Engineering*

"I think what makes me stand out the most is my involvement with many different clubs and organizations. I am always helping out someplace no matter if it is weekend or a holiday."



Evelin M. Ventura | *Chemical Engineering*

"My dream job is to work in a research lab studying and improving water treatment."



SCHOLARSHIP AWARDEES

SAMSUNG SCHOLARS



Wyatt Goodsite | *Software Engineering*

"This scholarship has changed the course of my life drastically. If I did not receive this scholarship, I would be attending a local community college, getting my GEDs, and probably working my way through school and putting my schoolwork behind other responsibilities. This opportunity to attend SJSU through the SVES has placed me in the leading area for my career in Software Engineering. I can't even explain how amazing and exciting that is for a young, motivated person who has big dreams of one day being a large part of Silicon Valley's future. Thank you again to the SVES organization for making this possible, I promise to make it worth your while."



Paul Payumo | *Electrical Engineering*

"One important thing I am now capable of doing is buying a laptop. Without this scholarship I would be stuck with a laptop that can't run Microsoft word without crashing."

SAMSUNG/ELPS SCHOLAR



Michael Souza
Mechanical Engineering

"I've participated in nearly every CoE program: CELL, EXCEED (mentor & mentee), SVES and now ELPS. I'm also the first self-identified Project Lead The Way Student. I'm extremely active in the CoE community and have been in the following clubs: EAP, SOLES, Formula SAE electric vehicle [drivetrain team], SCE (society of computer engineers), ASME (American society of mechanical engineers), Pi Tau Sigma (former VP), SJSU Automotive Club (former VP). I formerly worked in both the dean's office and engineering success center for a collective 3 years. I've founded the college of engineering's first multidisciplinary mentoring program."

PARISI FAMILY SCHOLARS



Alyssa Ruiz
Mechanical Engineering

"I chose SJSU because of the opportunities Silicon Valley lends to us as a school. I chose engineering as a major because of the versatility it has in positively affecting the lives of so many individuals on a massive scale."

Brandon Arias
Mechanical Engineering

"This scholarship has played a huge role in allowing me to study in college. Due to my financial situation, it would be very difficult for me to attend college without scholarship money. I have also met people through this scholarship."

SVES FUND SCHOLARS



Jacob Toy | *Mechanical Engineering*

"For my first year at SJSU, I am looking forward to being able to learn how to apply my interests into a fruitful career. I am also looking forward to the memories that I can make while staying on campus and the people I will meet that will help propel me to greatness."

Ryan Wade | *Civil Engineering*

"I don't plan on changing the world; my goal is to help world develop and further recognize its potential for ingenuity. There isn't necessarily a call for change, but rather an opening for improvement."

Antonio Hernandez | *Civil Engineering*

"I chose San Jose State because of its reputation for engineering, family and friends have gone here, and because it would give me the opportunity to be on my own and mature as a person. I have relatives that have gone here and said that they loved the atmosphere and how good the engineering program was, which hasn't changed. I also knew that if I were to live on my own I would learn how to take care of myself and be able to learn about life easier and earlier than if I were to live at home. I chose engineering because I took CAD classes and engineering classes in high school where I fell in love with the idea of being an engineer."

SCHOLARSHIP AWARDEES



Joshua Gendein
Biomedical Engineering

“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.”



Luis Arevalo | *Software Engineering*

“I am apart of MESA and EOP. I like the clubs because I created a new foundation at SJSU, a new home away from home. Transferring from a community college I had to start over to create a foundation at SJSU. What’s difficult is remembering events I have to attend and requirements. What’s fun is I’m a part of a large group seeking the same goals and degree.”

NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS

Leroi Baltazar
Mechanical Engineering

“I chose to study engineering because it embodies what I feel an occupation should entail: solving problems that help people live better lives. I chose to study at SJSU because the engineering principles taught there focus on hands-on, practical projects and research.”

Tyler Bruno | *Computer Engineering*

“What makes me stand out at the SJSU College of Engineering is my work experience and maturity. I have worked 6 years at the Napa Valley College. I also worked 1 year at Artesa Winery as security. This work experience has given me a lot of insight into how things operate in the workplace. With this knowledge I am able to understand how my education will impact my future career. I am motivated to learn all I can to make me more effective in my future career.”





Travis Carmichael | *Biomedical Engineering*

“The ELPS program has greatly contributed to my success and growth professionally and academically during my time at SJSU. This scholarship gave me an opportunity to travel to Taiwan for the Global Technology Initiative where I collaborated on an engineering project with students from around the world. The leadership skills and financial support of the ELPS program has played a vital role in my journey to become a Biomedical Engineer.”



Teralyn Crill
Materials Engineering

“As a new student, I hope to form connections with the engineering community, with my classmates, instructors, and other professionals that visit the campus. I have not landed an internship yet, but I hope to accomplish this once I gain access to people who can advise and support me.”

Andrea Coto | *Civil Engineering*

“SJSU was one of my top choices because the college of Engineering has become very popular and when I visited the campus on “Spartans Day”, I got completely in love with the school and its environment. Also, the geographical location in Silicon Valley makes SJSU a very interesting option.”



Anthony DiSilvestre | *Civil Engineering*

“The best class project I had the honor of working on must be a wind turbine I designed as an end-of-the-year assignment for a class I took at Evergreen Valley College called Engineering Processes and Tools. I’d call it my best because the result was a functional model turbine that if scaled up could provide clean energy to modern households.”

SCHOLARSHIP AWARDEES

NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



Martin Garcia | *Electrical Engineering*

“As a first generation student, I was never exposed to any form of engineering. One of my goals after graduating is to go back to Santa Ana, and start engineering programs aimed for elementary and middle school students. I really want to encourage more students out of Santa Ana pursuing a STEM degree. I’d like to create a blueprint to encourage children to obtain an engineering degree.”

Quynh Ho | *Biomedical Engineering*

“I chose Engineering because I like subjects in STEM areas. The more I learn, the more I think it’s interesting. To me, engineering is an interdisciplinary field where I get to learn a lot of things.”



Isaac Gendler | *Mechanical Engineering*

“This scholarship will let me focus more time on studying and research instead of having to commute to Palo Alto for work.”



Kareem Darkazanli
Software Engineering

“I choose to do engineering because it provides the opportunity to combine science, my favorite subject, with application to solve real world problems. SJSU’s engineering department is one of the best in California making it my first choice.”

Melissa Ortiz | *Computer Engineering*

“This scholarship has allowed me to buy some extra school supplies that have enabled me to work on more projects. Because of some of these projects I have been able to learn more and perform better both in school and at my internship. In addition to that, it has enabled me to work/worry less and focus on school.”



Tyler Jones | *Software Engineering*

“As a Software Engineering student coming from a humble background, I felt choosing the right school for my needs was very important. SJSU quickly became a key candidate for my education due to the fact that it was financially realistic for me, had a great reputation, and was located in the heart of Silicon Valley with many connections to industry.”



Karina Huete

Civil Engineering

“As a female student of the SJSU College of Engineering community, I believe that my determination and student involvement in engineering organizations makes me stand out. Being one of the select few women in the college of engineering has not kept me from pursuing the career I desire, becoming a civil engineer one day. It has instead motivated me to attain the goals I have to be successful as a student and as a woman in the world today. My involvement in the Engineering Ambassadors program allows me to express and advocate for the growing engineering field and STEM programs. Not only am I advocating for engineering and students, but I am proudly representing the growing population of women interested in STEM and engineering related careers.”

SCHOLARSHIP AWARDEES

NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



Joshua Renz | *Civil Engineering*

"Having this scholarship while I attend SJSU will help me to not have to work during the school year. I will be commuting nearly 80 miles from Monterey to attend SJSU so it will be nice to not have to work on top of everything else will help me focus on my school work and taking care of my family while I am home."

Cesar Roberto Lainez | *Mechanical Engineering*

"I would like to contribute to improving people's health through designing medical devices. I would be equally pleased to work on technologies that will take humanity further into outer space, the most foreseeable of which are those that will land humans on Mars."



Alyssa Sandore
Computer Engineering

"I think what makes me stand out as an engineering student is my passion for learning and my appreciation of my education. I am the first person in my family to have the opportunity to attend college and I am grateful every day for the opportunity to better myself and follow my passion for learning. I understand how big of a difference a college degree makes in your adult life and I will be forever grateful for the opportunity to educate myself in a field of my choosing in order to follow my dream of becoming an engineer."



Ramon Valencia | *Civil Engineering*

"I have been able to experience more than just what can be offered in a class. I still volunteer at my previous community college, and I participate in the Concrete Canoe team."

Pedro Soto | *Mechanical Engineering*

"My dream job would be to own a small company. The reason for a small company is that, I would then be able to connect with most of the employees. I want my own company because it would give me more creative freedom. In my career I hope to invent some cool products that people use on a daily basis and hopefully maybe even file for some patents."



Quyen Tran | *Mechanical Engineering*

"I aim to give back to my community. I enjoy encouraging younger generations to pursue STEM fields. I have volunteered at Girl Scouts Tech Bridge and Science Extravaganza events where I supported and motivated large groups of young students."

SCHOLARSHIP AWARDEES

NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



Michael Walker | *Materials Engineering*

“To me, the thing that makes me stick out is my knowledge and my motivation towards learning more about the tech industry along with being a good listener. I also find myself to be a reliable person.”



Eulises Valdovinos
*Industrial & Systems
Engineering*

“Currently, I am involved in the Society of Latino Engineers & Scientists, the MESA Engineering Program, and ELPS. All three organizations have helped me successfully navigate through college and prepare me for my career after. For that reason, I am a huge fanatic of all three organizations and highly encourage others to join them or similar types of organizations.”

Yvette Valdez-Carranza | *Civil Engineering*

“I think that my research experience makes me stand out as an SJSU College of Engineering Student. As an undergraduate student, I’ve worked on 4 different research projects and have published 3 academic articles.”



Kelli Sum | *Industrial & Systems Engineering*

“I was able to tour Intuitive Surgical through this scholarship program. Later that month, an intern position became available and I got the job! This scholarship program has not only supported me financially, but supported my growth in leadership, knowledge, and professional skills as well.”



Lucky Wen | *Electrical Engineering*

“After I graduate, I will definitely miss the campus and the friends that I would have made. Memories of staying in the dorms for my freshmen year, working out at the gym, studying at the wellness center and library, and eating at the Student Union will all be things that I will miss”



**National Science Foundation
Engineering Leadership Pathway
Faculty Mentors**

Thalia Anagnos
Fred Barez
Richard Chung
Magdalini Eirinaki
Nicole Okamoto
Laura Sullivan-Green
Jacob Tsao



John Tyler Williams
Chemical Engineering

“This scholarship has allowed me to focus on what I want to do with my life. Before I was given the scholarship I had an idea, but after I received the scholarship my path to success was crystal clear. It has given me an invaluable source of confidence and focus.”

Describe your experience as an engineering student at SJSU:

