

2015 - 2016

**SCHOLARSHIP**  
RECOGNITION LUNCHEON

NOVEMBER 20, 2015





## Welcome from Dean Hsu

My warmest welcome and heartiest congratulations to all of the scholarship recipients! We at the Charles W. Davidson College of Engineering are extremely proud you have been awarded these prestigious scholarships and by your decisions to pursue your academic explorations at the Davidson College of Engineering at San José State University. I would also like to extend my heart-felt appreciation to our individual and company donors for supporting the dreams and aspirations of these inspiring students.

By choosing SJSU to pursue your higher education, you will have ample opportunity to work with many of the nation's best educators while acquiring real world experience with Silicon Valley industries. You have chosen a college that is among the top U.S. institutions providing bachelors and masters level engineering education, and just this year, U.S. News & World Report named SJSU's Computer Engineering program as the best in the nation. Additionally, several other media and industry publications puts SJSU on the top of a short but prestigious list of the most desirable universities from which new engineers are hired by Silicon Valley industries.

Once again, I offer my congratulations and welcome you to our college.

### Andrew Hsu

*Don Beall Dean, Charles W. Davidson College of Engineering*

**November 20, 2015**

11:30 am – 2:00 pm

11:30 Registration & Appetizer Reception

12:00 Program

12:30 Luncheon

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## Welcome Remarks

### Dr. Andrew Hsu

*Don Beall Dean  
Charles W. Davidson College  
of Engineering*

### Dr. Susan W. Martin

*SJSU President*

## Scholarship Sponsor Speakers

### Maria Constantino-Roelandts

*President  
Maria & Wim Roelandts  
Foundation*

### Fred Egley

*Sr Engineering Director  
Etch Electrical Engineering,  
Lam Research Corporation*

### Joseph Parisi

*President  
Therma Corporation*

### David Wahl

*Vice President, Operations &  
General Manager  
Jabil*

## Scholarship Recipient Speakers

### Nicole Deleon

*Doug Munson Scholar*

### Travis Carmichael

*National Science Foundation  
Engineering Leadership  
Pathway Scholar*

## SPEAKERS



### Maria Constantino-Roelandts

"Engineers are the Creators of Wealth so I say, become an Engineer or marry one."



### Fred Egley

"How to succeed at Technology Company like Lam? Learn to work across Boundaries: Multidisciplinary, Collaborative, International, Multicultural."



### Joseph Parisi

"Don't be afraid to take on any job. You never know where it may lead."



### David Wahl

"When I was up there, stranded by myself, did I think I was going to die? Yes. Absolutely, and that's what you need to know going in because it's going to happen to you. This is space. It does not cooperate. At some point everything is going to go south on you. Everything is going to go south and you're going to say 'This is it. This is how I end.' Now you can either accept that or you can get to work. That's all it is. You just begin. You do the math, you solve one problem. Then you solve the next one, and then the next and if you solve enough problems you get to come home."

## 2015 – 2016 SCHOLARS

### AMT-WiE Scholar

Kiersten Miller, CE

### Applied Materials Scholars

Jordan Helledy, BioMed

Vikas Naveen, CmpE

### Ching Family Scholar

Alyssa Walker, GE

### Constantino-Roelandts Scholar

Tiffany Richardson, AE

### Ditmore Family Endowment Scholar

Cassandra Villicana, BioMed

### Doug Munson Scholars

Nicole Deleon, ISE

Tom George, EE

### Emma Legg Scholar

Nadia Zaka, CE

### Harry Wong Scholars

Ashley Bidabe, CE

Jared Gochuico, CE

Michael Souza, ME

### Hickman Family Scholar

Aishwarya Borkar, SE

### Jabil Scholar

Katyann Melenbacker, ME

### Jane Evans Endowment Scholars

Kimberly Flores, CmpE

Kyle Carter, CmpE

Michael Lee, CmpE

### KLA-Tencor Scholars

Alex Gomez Chavez, CmpE

Isaiah Gosiengfiao, EE

Katie Burrows, CmpE

Kayla Camargo, GE

Marcus Meyer, IndTech

Matthew Ignao, ME

Vivian Leung, SE

### Lam Research Scholars

Adam Jonathan, CheE

Adela Quintanar Gomez, EE

Andy Ma, EE

Hugo Jauregui, CheE

Peeyusha Boorada, ME

### MEP-Brocade Scholars

Hugo Tupac-Yupanqui, ME

Maynor Mazariago, EE

Vanessa Gutierrez, ME

### MEP-Cisco Scholars

Eulises Valdovinos, ISE

Mikhail Krasner, CheE

Wilton Chang, ME

### MESA Engineering Program Scholars

Crystal Perez- Reymundo, CE

Satwinder Bassanpal, CE

### Parisi Family Scholars

Alyssa Ruiz, ME

Brandon Arias, AE

### SVES Fund

Antonio Hernandez, CE

Ramon Valencia, CE

### National Science Foundation

#### Engineering Leadership PathwayScholars

Anthony Bowe, ME

Branden Andersen, ME

Carolyn Jaring, BioMed

Christopher Leon, CE

Eulises Valdovinos, ISE

Gregory Toland, ME

James Fok, CE

Jonathan Carlson, ME

Leroi Baltazar, ME

Luis Arevalo, SE

Kareem Darkazanli, ME

Karen Ekeruche, ME

Kelli Sum, ISE

Kyle Thompson, CheE

Martin Garcia, EE

Melissa Ortiz, CmpE

Michael Walker, MatE

Mikhail Krasner, CheE

Quyen Tran, ME

Quynh Ho, BioMed

Ramon Valencia, CE

Stephanie Hadley, AE

Tai Tran, EE

Thomas Nguyen, ME

Travis Carmichael, BioMed

Tyler Bruno, CmpE

Tyler Jones, SE

Yvette Valdez-Carranza, CE

### National Science Foundation

#### Engineering Leadership Pathway Faculty Mentors

Fred Barez

Jacob Tsao

Laura Sullivan-Green

Magdalini Eirinaki

Nicole Okamoto

Richard Chung

Robert Morelos

Thalia Anagnos

# SCHOLARSHIP AWARDEES

## APPLIED MATERIALS SCHOLARS



**Jordan Helledy** | *Biomedical Engineering*

*"I hope to change the world by inventing and/or creating new medical devices that can have positive results in the medical field. I want to be able to help those who have sacrificed their lives for this country by making advancements with prosthetics for wounded veterans."*

**Vikas Naveen** | *Computer Engineering*

*"My dream job is to become an entrepreneur of technology. I hope to start my own company one day that builds innovative products. My goal is to improve my technical and management skills which will allow me to run an engineering company."*



## CONSTANTINO-ROELANDTS SCHOLAR



**Tiffany Richardson** | *Aerospace Engineering*

*"My dream job is to manage a team that designs and builds aircraft for NASA discovery missions. I hope to make many important discoveries and help to expand the world's knowledge of the galaxy surrounding us."*

## AMT-WIE SCHOLAR



**Kiersten Miller**  
*Civil Engineering*

*"My dream job is to become a water resource engineer and work with a company that develops innovative ways to provide developing and developed countries access to clean potable water. Since my experience in working on a project in designing a first flush diverter system for a community in Ecuador, I grew passionate about the issue of water contamination worldwide and the growing need of water in countries worldwide."*

## DITMORE FAMILY ENDOWMENT SCHOLAR



**Cassandra Villicana** | *Biomedical Engineering*

*"As a first-generation college student I have learned to be resourceful. If I cannot find the answers on my own I do not hesitate to ask those around me because I have learned that we are all students and we are all teachers. I will never stop learning or offering my knowledge to other."*

## DOUG MUNSON SCHOLARS

**Nicole Deleon**  
*Industrial & Systems Engineering*

*"Having this scholarship has allowed me to pursue my goals outside of academics. I have become extremely involved on campus over the years, established great contacts through networking events, and secured several opportunities that I might not have obtained without the distinction of being a scholar."*



**Tom Georgen** | *Electrical Engineering*

*"Working for the math department for the past 4 years, as a Calculus tutor, I found out that I love to teach. In the future I plan to work towards a PhD in Electrical Engineering and I want to eventually become a professor. I hope that by teaching students and performing research that I can help others."*

## EMMA LEGG SCHOLAR



**Nadia Zaka**  
*Civil Engineering*

*"After I graduate I hope to really make an impact on our infrastructure as a Civil Engineer. I want to really implement a sustainable lifestyle into our infrastructure, by keeping the environment in mind when designing."*

# SCHOLARSHIP AWARDEES

## HARRY WONG SCHOLARS



**Ashley Bidabe** | *Civil Engineering*

*"I hope to change the world by utilizing my knowledge to help spread the "good" in our society. This "good" could range anywhere from simply smiling at someone to using my future career in Civil Engineering to build more homeless shelters to help struggling families."*

**Jared Gochuico** | *Civil Engineering*

*"Too many people do not have the resources to meet their basic human needs. With water resource projects such as EWB's Honduras project, I am able to apply what skills I have to urgent engineering needs."*



**Michael Souza** | *Mechanical Engineering*

*"What makes me stand out as a College of Engineering student is my commitment to my studies and making our academic community better. I make it a point to leave a positive impact wherever I go and I aim to create a lasting positive impact at SJSU before I graduate."*

## HICKMAN FAMILY SCHOLAR



**Aishwarya Borkar**  
*Software Engineering*

*"In the future, I envision myself working as a full stack mobile and web app developer (my dream job), and harnessing my passion for soccer and my skillset to create an app that enhances the experience of European soccer fans such as myself who reside in America."*

## JANE EVANS ENDOWMENT SCHOLARS



**Kimberly Flores** | *Computer Engineering*

*"This scholarship has allowed me to start my journey of expanding my network at such an early stage of my college experience. Growing up shy, talking to professionals and peers have always been difficult. Through this scholarship, I have been able to meet such respected individuals."*

**Kyle Carter** | *Computer Engineering*

*"My favorite project I worked on was a high school robotics competition where we had to design and build a robot, write the actionable code, and compete against a couple dozen other teams and robots."*

**Michael Lee** | *Computer Engineering*

*"I feel like my personality is something that makes me stand out as an SJSU Engineering Student. People always say that I'm not a typical Engineer... whatever that means!"*



## JABIL SCHOLAR



**Katyann Melenbacker**  
*Mechanical Engineering*

*"I hope to change the world by having a career in the Department of Defense and creating the best and most innovative technology in order to drastically reduce the amount of human beings needed to complete extremely dangerous missions."*

# SCHOLARSHIP AWARDEES

## KLA-TENCOR SCHOLARS



**Alex Gomez Chavez** | *Computer Engineering*

*"One of the biggest, if not the biggest, reason I chose San Jose State University was because of its well renowned Engineering department. This department has contributed vastly to the technologically rich Silicon Valley. I want to be one of those contributions."*



**Kayla Camargo**  
*General Engineering*

*"Coming from generations of farm workers, picking oranges and other crops, my families hopes and dreams were that I had the chance that seemed impossible for themselves- to get an education, a college degree. I hope to make their dreams come true, and to give back to them."*

**Isaiah Gosiengfiao** | *Electrical Engineering*

*"I hope to change the world by making a community, NOT only through engineering projects, but the effect of them and what they can do to bring people closer together."*



**Katie Burrows** | *Computer Engineering*

*"I think the most exciting thing this scholarship has allowed me to do that I wouldn't have been able to do otherwise is the networking. I have met so many wonderful people through SVES that I would not have otherwise. Even just knowing the other scholarship recipients has helped me learn more about the school and advice where it comes to jobs."*



## KLA-TENCOR SCHOLARS



**Marcus Meyer** | *Industrial Technology*

*"My dream job would be to own a technology company that designs and develops an electrical device/system that helps to protect, improve, and maintain the natural environment so that humans can live in a more sustainable way."*

**Matthew Ignao** | *Mechanical Engineering*

*"My dream job would be to work in a company in the research branch. I want to vary my knowledge and constantly experiment on new ways products can be developed or optimized to become more efficient. I hope to continue learning new things through my career."*



**Vivian Leung** | *Software Engineering*

*"I want to work for an organization/cause that strives to improve the hearts and habitats of humankind. I am a firm believer that the Earth is a sacred place for life and that it needs our protecting. Any skill set that I may have, I hope to be able to give back to society for giving me all the opportunities of life, love, and happiness."*



# SCHOLARSHIP AWARDEES

## LAM RESEARCH SCHOLARS



**Adam Jonathan** | *Chemical Engineering*

*"Thankful for this scholarship to support me throughout my time at SJSU."*



**Hugo Jauregui**  
*Chemical Engineering*

*"Most importantly this scholarship has granted me the opportunity to be the first one of my family to go to college. Without this scholarship I would not have enough financial support to get this achievement."*

**Adela Quintanar Gomez** | *Electrical Engineering*

*"A project in my engineering class was designing and constructing a wind turbine to find maximum power was a fun experience for me. It was very interesting because it heavily relied on how my team and I performed. Also, it gave me a little more freedom, after subtracting the restrictions, to design how I want to."*



**Andy Ma** | *Electrical Engineering*

*"Aside from technology, I hope to get more people to understand that there is only one Earth and that once it is gone, it's gone forever. It is our responsibility to make it better. I hope to change the way people see and treat the planet."*

## LAM RESEARCH SCHOLARS



**Peeyusha Boorada** | *Mechanical Engineering*

*"Ever since I was child, I've been told that the stars were the limit. To this day, that phrase fuels my passion and dream to actually go out into space and travel among them. I hope that maybe in the future, I can be part of the manned mission to Mars."*

## MEP-BROCADE SCHOLARS

**Hugo Tupac-Yupanqui** | *Mechanical Engineering*

*"I am an older student that joined the military right after high school in 2001. After returning home after 6 years of service I decided to return to school. I choose engineering because of my trade I learned as an aircraft mechanic in the Air Force."*

**Maynor Mazariego** | *Electrical Engineering*

*"It took a lot of weight off my shoulders. I was struggling to pay for my tuition and the scholarship greatly helped me. Even though I work, my income is not enough for books and supplies. By having this scholarship I was able to focus on school rather than worry about school expenses."*

**Vanessa Gutierrez** | *Mechanical Engineer*

*"This scholarship has allowed me to participate in many Engineering networking conferences, it has also helped pay for some of my tuitions since I do not get any financial aid."*

# SCHOLARSHIP AWARDEES



Tau Beta Pi hike at Sanborn County Park with Dr.Hsu



Panel Discussion event with the Senior Chapter of the Institute of Industrial Engineers



International Human Factors and Ergonomics Society Annual Meeting Los Angeles 2015



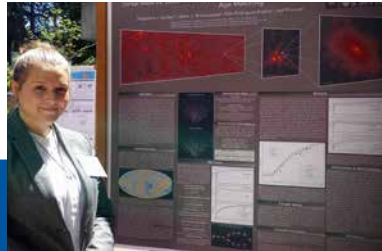
BMES Coulter College program in Miami Laparoscopic surgery project team



Females being represented in engineering



Stephanie Hadley: Aerodynamics Laboratory



Stephanie Hadley: Astrophysics Research Symposium



EXCEED Summer Program group project



Research group in Taiwan for the Global Technology Institute. Project-Real-time Processing ECG Signals



International Society for Pharmaceutical Engineers SJSU chapter at vendor's night. South San Francisco



Kiersten Miller: Studying Abroad in England at the University of Hertfordshire for Spring 2015



NASA Aerospace Scholars Program

# SCHOLARSHIP AWARDEES

## MEP-CISCO SCHOLARS

**Wilton Chang** | *Mechanical Engineering*

*"I want to continue my efforts in STEM outreach for K-12 students, especially for those who do not have the opportunity to get a taste of STEM at school or at home. Future engineers, scientists, mathematicians, and leaders can come from anywhere and be anyone, regardless of birthplace, gender, sexual orientation, status, or race."*



**Mikhail Krasner** | *Chemical Engineering*

*"This scholarship gave me an opportunity to meet very interesting and inspiring people. People who motivate me to strive for the best. In addition, I was able to cover my tuition fee through scholarship money, which was a great financial relief."*

**Eulises Valdovinos**

*Industrial & Systems Engineering*

*"My dream job includes leading and empowering people to be the best they can be. I see myself with a company that allows for continuous growth and rewards employees who value the company, exceed in their job, and help others grow."*



## MESA ENGINEERING PROGRAM SCHOLARS

**Crystal Perez-Reymundo**  
*Civil Engineering*

*"I hope to change the world by advocating more higher education for first generation students but most importantly to women in minorities because it is the hardest to break that cycle. I also would like to make more green buildings to make our planet healthier."*

**Satwinder Bassanpal**  
*Civil Engineering*

*"My mentality being that every project is an interactive experience for civilians and these interactive experiences along with sustainable design are the future driving forces of the Civil Engineering field. I have accomplished this goal and have taken a step closer to my dream."*

## SVES FUND



**Ramon Valencia**  
*Civil Engineering*

*"I want to be the change that I want to see in the world, so that others who come from disadvantaged background as know that they can make it."*

**Antonio Hernandez**  
*Civil Engineering*

*"This scholarship has changed my personality to the complete opposite of what I used to be. Before college I was an introvert, only talking to those who were close to me. Heading into college I knew that this would have to change."*

## PARISI FAMILY SCHOLARS



**Alyssa Ruiz** | *Mechanical Engineering*

*"I was able to be a part of the GTI program this past Summer 2015. I was a part of a group of 14 students on a 3-week study aboard trip to Taiwan. Without this scholarship I would not have known two out of three of the panelists who were interviewing me for the program and I would have been much more nervous about the interview."*

**Brandon Arias** | *Aerospace Engineering*

*"I am involved in Wolfpack Running Club. I ran competitively in high school and wanted to continue in college without having to be on an official NCAA team. Running can be very relaxing at times and helps clear the mind of every day stressors. I also push myself to get better every day. It is very rewarding to see how you have progressed over the years."*



# SCHOLARSHIP AWARDEES

## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS

**Anthony Bowe** | *Mechanical Engineering*

*"I hope to change the world through either nanotech or robotic prosthetics. I feel both of these fields can greatly benefit mankind and broaden our horizons for the future."*



**Branden Andersen** | *Mechanical Engineering*

*"My dream job would be programming robots and designing innovative ways to make robots more accessible to more people. I hope to start my own automation business that designs robots that help people in their daily lives. I hope by the end of my career that I will have designed robots that have allowed people to live more independent and fulfilling lives."*

**Carolyn Jaring** | *Biomedical Engineering*

*"My dream job is to become a design engineer for a company dealing with biomedical devices. Being a past nursing student, I saw the need for improving various medical equipment. I hope that with this line of career, I will be able to help patients by designing safe, affordable, and ergonomic biomedical devices that will cater to their needs."*



**Christopher Leon**  
*Civil Engineering*

*"This scholarship has been a blessing in so many ways. First, I would say that I have been able to meet and be taught by some great mentors. The mentors of ELPS really care about the students in the program and have been very helpful to me personally."*

## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



**Eulises Valdovinos**  
*Industrial & Systems Engineering*

*"My dream job includes leading and empowering people to be the best they can be. I see myself with a company that allows for continuous growth and rewards employees who value the company, exceed in their job, and help others grow."*

**Gregory Toland** | *Mechanical Engineering*

*"I would like to work at a startup where I can follow the design process from beginning to end and be able to say this project would not be here without me."*



**Jonathan Carlson** | *Mechanical Engineering*

*"I've been able to focus on my studies, and network with some incredible people from all areas, professionals, current and former students, and faculty. I've also learned a lot about leadership and discovered more about who I am as a leader and a young professional."*

**Leroi Baltazar**  
*Mechanical Engineering*

*"My dream job is to work in the energy industry to help make more efficient energy solutions. I hope to contribute to the efforts towards "green" energy and creating sustainability for the Earth."*

# SCHOLARSHIP AWARDEES

## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



**Luis Arevalo** | *Software Engineering*

*"Having this scholarship has allowed me to pay for school and not worry about taking out loans. I don't have to put a burden on my father of how I am going to pay for school I can be at ease and focus on school."*



**Kareem Darkazanli**  
*Mechanical Engineering*

*"I would like to make an impact on our educational system. During my time at West Valley College, I volunteered as a tutor because I believe students should not have to pay to receive help with their education."*

**James Fok** | *Civil Engineering*

*"My dream job would be the General Manager of the Raiders or Lakers because I would get paid to watch sports which is a win-win in my book. In all seriousness, I hope to be senior engineer with my TE and PTOE license in the future. I hope to design a transportation system to support the advancements in transportation technology such as autonomous vehicles."*



## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



**Kelli Sum** | *Industrial & Systems Engineering*

*"My well-rounded extracurricular activities make me stand out as an SJSU Engineering Student. I volunteer at cultural events for the Northern California Cherry Blossom Queen Program and tutor middle school students at an all-girls middle school. So, I am very involved with the community in addition to my studies at SJSU."*



**Martin Garcia**  
*Electrical Engineering*

*"I never would've thought I would be attending San Jose State, let alone pursuing an engineering degree. It was not until my community college that I really knew I wanted to pursue an engineering degree."*

**Kyle Thompson** | *Chemical Engineering*

*"My dream job is to be a corporate executive of a major chemical processing company. I chose my major because I find chemical processing to be very interesting, and I also want to be able to use the resources I accumulate during my career to do pro bono humanitarian work in other countries that are in need of chemicals and industrial improvement."*



# SCHOLARSHIP AWARDEES

## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS

**Melissa Ortiz** | *Computer Engineering*

*"My dream job would be to work for myself; I would like to run my own consulting firm. It would have a variety of services from system testing validation to creating our own widgets. I would hope to be connected to the military, new up-and-coming technologies, and the medical field."*



**Michael Walker** | *Materials Engineering*

*"I chose Engineering at SJSU because I saw that it offered what I wanted for my education. All of the development of the department and how closely it tied in with companies made me realize that this program was the most suitable for me."*

**Mikhail Krasner** | *Chemical Engineering*

*"This scholarship gave me an opportunity to meet very interesting and inspiring people. People who motivate me to strive for the best. In addition, I was able to cover my tuition fee through scholarship money, which was a great financial relief."*



**Quyen Tran**  
*Mechanical Engineering;  
Computer Science Minor*

*"Being a member of ELPS have allowed me to obtain funding for the Society of Women Engineers 2015 Conference in Nashville, Tennessee. Growing up as a first generation immigrant, traveling was a leisure that I did not have. This opportunity to go to Nashville would not have been possible without ELPS, and I whole-heartedly thank everyone who made this program possible."*

## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



**Quynh Ho** | *Biomedical Engineering*

*"I love going to school and I know I have to ability to pursue a high education, but working for a living is so tempting and the responsibility for the family is so heavy. This scholarship is a blessing as it allows me to focus on my education. I think that my chance to go to college is the best thing that has ever happened in my life."*

**Ramon Valencia** | *Civil Engineering*

*"I want to be the change that I want to see in the world, so that others who come from disadvantaged background as know that they can make it."*



**Stephanie Hadley** | *Aerospace Engineering*

*"Aside from emanating an everyday positive influence and sharing of knowledge, I hope to add to the pool of scientific knowledge and tools for physicists and engineers. I believe my contribution to major advancements in spacecraft propulsion technology and design can dramatically change the way we see the universe and enhance our abilities to adapt within it."*



**Tai Tran**  
*Electrical Engineering*

*"I am involved in a lot of activities of ELPS, MESA Engineering Programs, IEEE, and Tau Beta Pi. Sometimes it's challenging to keep the balance between clubs activities and school works."*

# SCHOLARSHIP AWARDEES

## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



**Thomas Nguyen** | *Mechanical Engineering*

*"My dream job would be to work for the City of San Francisco as a Maintenance Engineer. I have been interning for the city for the past two years, and I have grown to enjoy the impact that we have on the public water system. I hope to reach a management position in my career someday."*



**Tyler Bruno**  
*Computer Engineering*

*"I chose SJSU because it is in the perfect area for computer engineering. The location is paramount for finding a job, internship, and connections. The school has a great computer engineering program. I chose engineering because it is something that I've always wanted to do. Being able to make something has been something that I've loved doing."*

**Travis Carmichael** | *Biomedical Engineering*

*"My dream job is to conduct research on Neurodegenerative diseases such as Alzheimer's and Parkinson's. This is my dream job because the disease afflicts many elderly people. I find it imperative that more funding needs to be placed on research facilities to find a cure for these diseases."*



## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY SCHOLARS



**Tyler Jones** | *Software Engineering*

*"I am a returning student who took an extended period of time away from school to gain some life experience before committing to a specific field of study. My time away from school provided a certain degree of clarity that has allowed me to pursue my education with total dedication."*

**Yvette Valdez-Carranza** | *Civil Engineering*

*"The demand of hazardous construction materials affects the most impoverished communities by causing illness. As an aspiring civil engineer, I hope to change the world by instilling the demand for sustainable and less hazardous construction materials."*



## NATIONAL SCIENCE FOUNDATION ENGINEERING LEADERSHIP PATHWAY FACULTY MENTORS

**Fred Barez**  
*Mechanical Engineering*

**Jacob Tsao**  
*Industrial & Systems Engineering*

**Laura Sullivan-Green**  
*Civil Engineering*

**Magdalini Eirinaki**  
*Computer Engineering*

**Nicole Okamoto**  
*Mechanical Engineering*

**Richard Chung**  
*Biomedical, Chemical &  
Materials Engineering*

**Robert Morelos**  
*Electrical Engineering*

**Thalia Anagnos**  
*General Engineering*

## SPECIAL THANKS

AMT-WiE

Applied Materials

California Building Industry  
Foundation – Lee A. Babbit

Charles W. Davidson Endowment

Ching Family

David A. Brown Endowment

Ditmore Family Endowment

Emma Legg

Harry Wong Endowment

Hickman Family

Jabil

Jane Evans Endowment

KLA-Tencor

Lam Research

Lockheed Martin

Maria and Wim Roelandts

MEP

National Action Council for Minorities  
in Engineering

National Science Foundation

Parisi Family

SJSU Alumni Association

Walter C. Benzing Endowment

