

Congratulations to Ms. Kiran Joshi (AIMS² Cohort T-2) for her selection as a 2019-20 STEM Advantage Scholar



Ms. Kiran Joshi was recognized as one of the 2019-20 STEM Advantage Scholar at the 7th annual STEM Advantage Scholarship Gala on Saturday, April 27th, 2019, held at the California Science Center Samuel Oschin Space Shuttle Endeavor Pavilion. Seen above with AIMS² Project Director and Professor of Electrical and Computer Engineering, Prof. S. K. Ramesh. Also in attendance Ms. Julia Potter, Director of Special University Projects, CSUN.





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About Us



STEM Advantage Scholars

About STEM Advantage

OUR MISSION: Mentor, prepare and inspire women and underserved communities to pursue careers in science, technology, engineering and math (STEM) through paid internships, mentorships, scholarships, and professional development workshops.

THE CHALLENGE: There are over 1 million unfilled STEM jobs in California alone.

THE OPPORTUNITY: Women, African Americans and Latinos comprise 70% of the total available workforce, yet make-up only 20% of the STEM workforce. STEM Advantage utilizes a **collective impact model** to address gaps between the talent pool and talent acquisition, focusing on women and under-represented talent. We bring together, in collaboration, industry leaders, underserved communities, and academic institutions through our 360-degree program, to better serve the needs of each sector.

Many of the STEM-related jobs that require a bachelor's degree are offered to students attending private or elite public institutions, referred by alumni or selected because of their conferred degree. STEM Advantage opens doors to **help level the playing field for students attending the California State University (CSU) system, the largest and most ethnically diverse public university system in the nation**. CSU students have talent, yet they do not have access to the same opportunities and networks as their peers attending elite universities. STEM Advantage was created to develop that network, providing a well-needed diversity pipeline to the STEM workforce and give economic opportunities to students from disadvantaged neighborhoods.

- Over 50% of Cal State students are students of color
- 95% of all enrolled students come from California
- Majority of STEM Advantage Scholars are first generation college students and Pell grant recipients

STEM Advantage Scholars is a 360-degree program:

Our Board of Directors tap into their networks to facilitate **paid summer internships** that lead to jobs after graduation

Mentors are culled from our partners to support student engagement and success outside of the classroom

We raise money to give **scholarship funds** to ensure our scholars graduate with less student debt

We provide professional development workshops and career panels that are open to all STEM students at the campuses we serve

Proven track record. STEM Advantage Scholars:

100% graduation rate and hire rate post-graduation

Majority earn a starting salary between \$55,000 and \$75,000 per year, a middle-class wage that students tell us is "life-changing"

Through a “Pay it forward” model, they are role models and STEM ambassadors to excite girls and minorities that STEM is cool

STRATEGIC GOAL “23 by 2023”: To offer our program at all 23 CSU campuses by 2023. STEM Advantage launched its program in 2012 at Cal State Dominguez Hills in South LA, then added Cal State LA, Cal State Northridge, Cal State Long Beach and Cal Poly Pomona.

HONORS: STEM Advantage has been honored by:

- Los Angeles Business Journal as Nonprofit Team of the Year
- Women in Technology| Hollywood as a Charity Leadership Partner
- Society for Information Management (national organization) as Best STEM Non-Profit

Invest in Diverse STEM Talent

To learn more about how you can invest in diverse STEM talent, please contact our President & Founder Lee Ann Kline at leeann@stemadvantage.org.