

SISTERS ANNUAL REPORT

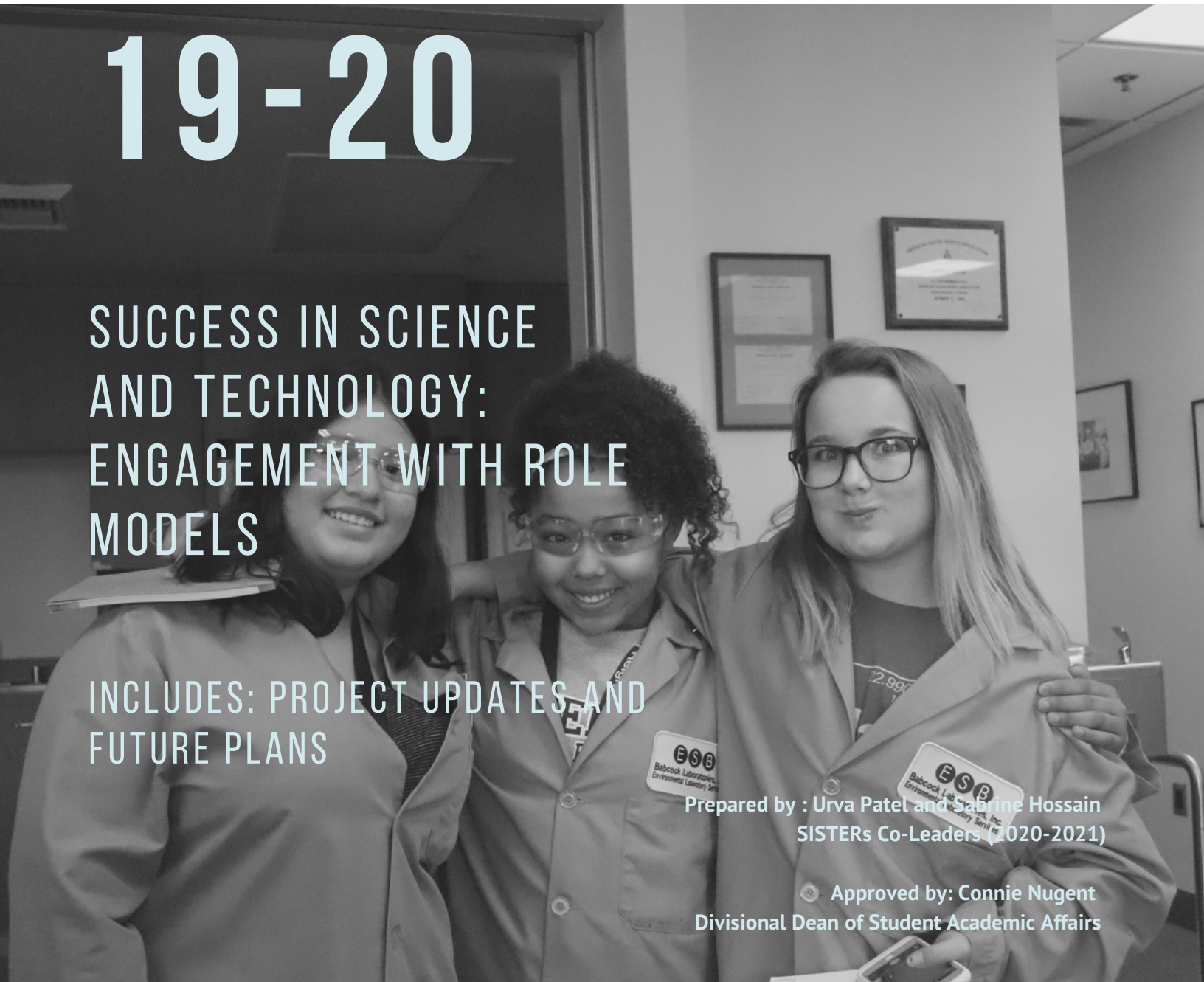
19-20

SUCCESS IN SCIENCE
AND TECHNOLOGY:
ENGAGEMENT WITH ROLE
MODELS

INCLUDES: PROJECT UPDATES AND
FUTURE PLANS

Prepared by : Urva Patel and Sabrina Hossain
SISTERS Co-Leaders (2020-2021)

Approved by: Connie Nugent
Divisional Dean of Student Academic Affairs



02

2019-2020

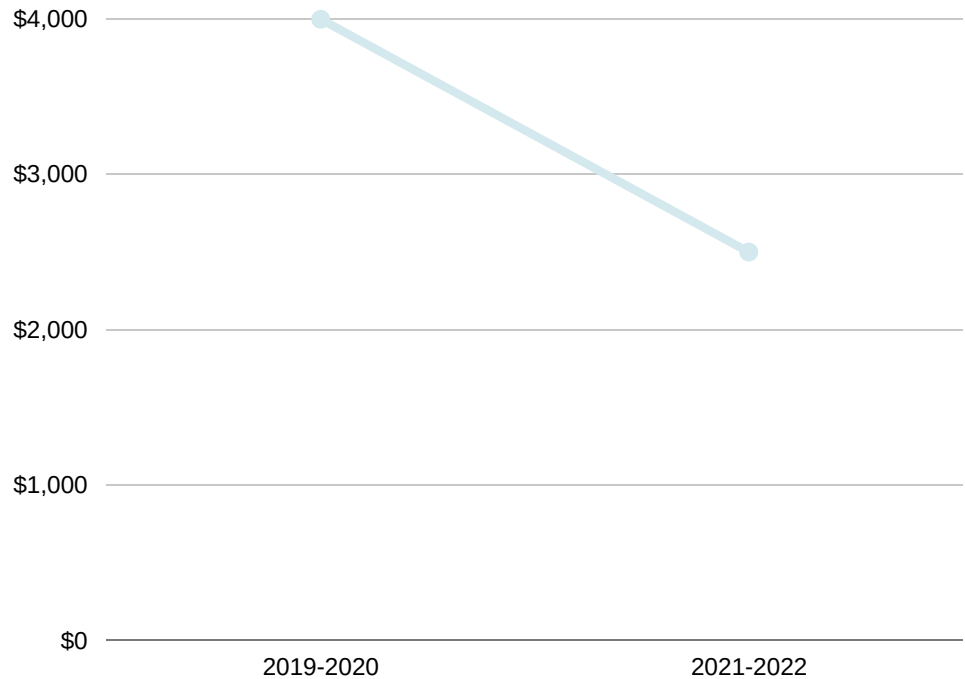
Before the quarantine, the SISTERS program hosted 6 mentoring and outreach events at the University of California, Riverside, University Heights Middle School, and the Babcock Laboratory. We taught a science lesson on the brain at the University Heights High School, introduced the girls to research in pomegranate farming at UCR, and had them experience working in a real lab at the Babcock Labs.

These events were accomplished with the dedication and hard-work of the female Science Ambassadors from the College of Natural and Agricultural Sciences at UC Riverside, as well as faculty members and professionals who collaborated with us to promote programs and opportunities in the sciences to younger females.



03

EXPENSES

**2020-2021 EXPECTED EXPENSES: \$2,500**

Due to the quarantine, we expect our spending to be less than past years. We will not need school buses for field trips or refreshments for participants. In order to make SISTERS as interactive as possible, we would like to incorporate project kits that has material for virtual projects.

In lieu of the end of the year banquet, we would like to give SISTERS pins to the 8th grade SISTERS participants who will be graduating from middle school and the SISTERS program. In addition, we would like to provide SISTERS t-shirts to SISTERS participants and individuals involved in SISTERS. We expect this to come to \$2,500.

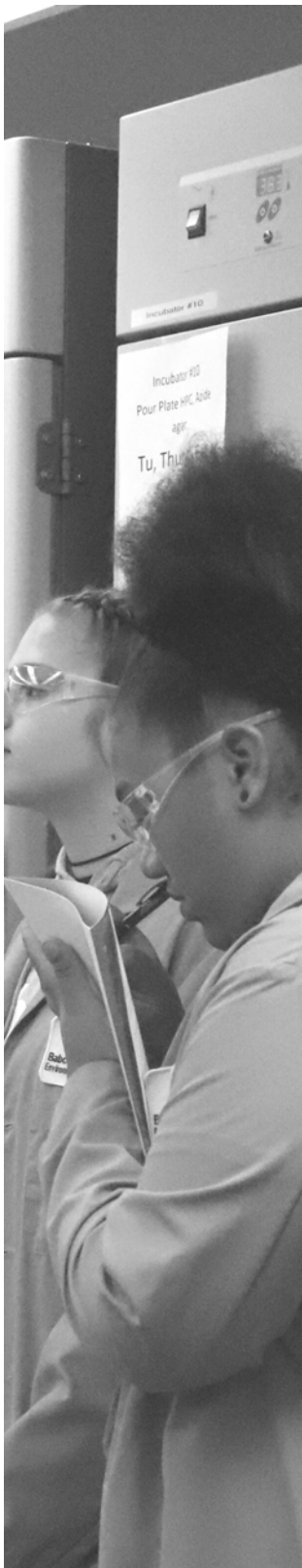
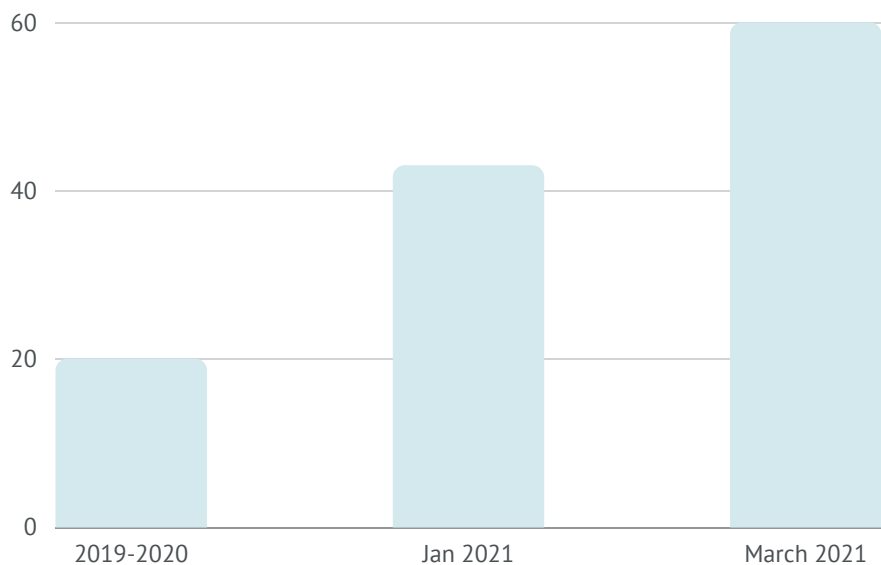


SISTERS IS CHANGING

Virtual Platform Allows SISTERS to Reach More Girls

Despite the quarantine restrictions, SISTERS is working hard to reach and inspire the girls to pursue an education and career in STEM. We have expanded the program from the girls of just one class to any 7th and 8th grade female student attending a middle school in the Riverside Unified School District (RUSD).

53 girls were nominated by their science teachers across 8 middle schools. Of those, 43 girls filled out the SISTERS application, and 31 attended the first virtual meeting in January. We are keeping the SISTERS application the entire year for more students to join and plan to have 60 participants by the end of the year.



05

PROJECT GOALS FOR 2021

INTERACTIVE PROJECTS, VIRTUAL FIELDTRIPS, AND MONTHLY NEWSLETTERS

This year, we are continuing to inspire the girls. We are introducing them to global leaders in engineering, PhD students, doctors, and more that are invested in being mentors to the next generation of STEM leaders, while still including the interactive activities that further the girls' interest in STEM.

The first interactive activity was the Rube Goldberg project which the girls worked on during their winter break and presented at our first meeting in the January. We are working closely with an RUSD Science Teacher who will attend each virtual meeting and assist in sending project material kits to the girls to allow for virtual labs.

By keeping the program application open for the entire year and encouraging teachers to nominate students, we hope to reach 60 students by the end of the year. In addition to this, we are creating the monthly SISTERS newsletter for participants, their families, donors, and anyone interested in SISTERS. The newsletter will be written by female Science Ambassadors and SISTERS participants and will feature interviews of and articles written by female leaders in STEM.



06

THANK YOU

Our most sincere gratitude to our donors, supporters, and collaborators, as their involvement in the SISTERS project is imperative and definitive to its growing success every year. Thank you for helping us inspire and motivate these future female leaders and scientists.

Steve Clute

Allison Mackenzie, Babcock Laboratories

Dr. Kathryn Uhrich, Dean of CNAS, UCR

Kimberly Cobb

Society of Women Engineers, BCOE, UCR

Dana Glenn, Kind Lab, UCR

Dr. Arthur Jia and Dr. John Chatter

Jeanette Westbrook, Edge Institute

and

Dean Connie Nugent

