

**Radha Aravamudhan**

**radhaa@gmail.com, (408) 859 4764**

- Result-driven and compassionate leader with proven ability to conceptualize and execute innovative, sustainable initiatives.
- A compassionate social justice driven professional inclined toward growth and development of marginalized communities.
- Excellent interpersonal and communication skills, and strong believer in collaborative working environments.
- Arts-based methods (Video and documentary film production) academic researcher.
- Fluent in English, Tamil and Hindi.

**Program Administrator, TutorWorks Inc- Oct 2019 onwards**

- Ensure smooth and successful implementation of the CODE WRITE DRAW after-school program in selected schools in Alum Rock school district.
- Direct the recruitment and retention of students.
- Mentor staff, lead and support teachers.
- Program evaluation.

**Research Associate, Aerospace Engineering Department, San José State University- Aug 2019- Current**

- Support faculty research in the area of undergraduate STEAM teaching and learning with a focus on increasing retention and graduation rates of under-represented student populations in aerospace engineering.
- Identify, investigate, and propose inclusive and culturally sensitive strategies that improve the academic success of under-represented student populations.

**Program Associate, Silicon Valley Women in Engineering (WiE) Program, San José State University- Aug 2019- Current**

- Plan and implement the annual Silicon Valley Women in Engineering Conference. The WiE program supports women engineering students for academic and career success.
- Provide research assistance to the program chair in implementing WiE faculty and student events and programs.

**Teaching Associate, Ed.D. Department, San José State University- Aug 2017- May 2019**

- Designed and conducted a mixed methods study for the evaluation of SJSU's Ed.D. program.
- Provided content support including adherence to APA Style and SJSU's guidelines for Ed.D. students' doctoral dissertations.
- Co-authored a chapter and carried out editorial work for the newest volume in the Research and Theory in Educational Administration Series.
- Co-authored a chapter on the impact of global field experiences for a doctoral program, in the published book "Research-based Instructional Practices of Effective Principals."

**Consultant, Aid India- Sep 2015- present**

- Provide analysis of student outcome data for Aid India's large scale after-school program.
- Manage the organization's social media websites and design communication materials to promote the organization.
- Develop traditional and multimedia communications in collaboration with the donor management team to demonstrate the impact of donors' gifts on students and their families.

**Sponsored Programs Manager, San José State University Research Foundation- Sep 2015- July 2017; Consultant, Special Projects - July- Oct 2017**

- Assisted faculty members in developing competitive proposals including developing complex multiyear budgets, ensuring adherence to institutional, sponsor, and governmental (Federal and state) guidelines, and negotiating awards and contracts.
- Provided SJSU faculty members with editorial and writing assistance as appropriate.
- Analyzed and negotiated complex contractual documents on behalf of the SJSU Research Foundation.
- Cultivated and maintained positive working relationships with external sponsor agencies.
- Worked with faculty from SJSU College of Social Sciences in developing and submitting a multi-year (5 years) proposal that was awarded a \$88 Million grant in from NASA in March 2017.
- Worked in collaboration with program managers to draft, develop and review departmental policies and procedures.

**Project Director, Aid India, India 2010- July 2015**

- Strategized and coordinated education programs in more than 600 villages (800 schools) across the state of Tamil Nadu impacting 50000 children.
- Provided program consultation for 50 non-profit organizations across the state of Tamil Nadu to strategize and implement their education programs in more than 500 villages.
- Prepared and effectively managed an annual program budget of 1.5 crore rupees (~\$225,000.)
- Managed a team of 300 field resources and ensured a minimum of 50% improvement in children's learning levels in a year.
- Conducted large scale state-wide campaigns on quality education in 10,000 villages.
- Formulated and worked on fund-raising plans for the program, raising more than 50 lakh rupees per year (~\$76,000) and reported to more than 100 donors on a regular basis.

**Management Committee Member Aid India, India- 2007- July 2015**

- Developed a comprehensive communication plan to promote the organization to its donors and maximize public awareness of the activities of the organization.
- Strengthened relationships with community stakeholders to advance the goals of the organization.
- Recruited staff and fixed team's compensation.
- Utilized interns and volunteers effectively toward achieving organization goals.

**Content Director, Aid India, India- 2007 - 2010**

- Researched and developed low-cost innovative content in language and Math for Aid India's education programs that reduced the learning materials cost by 25%.
- Developed simplified training modules that were used to train more than 2000 program tutors every year.

- Authored three books for beginning readers in English and contributed to Grade 6 mathematics textbook development as part of Aid India's consultancy services to the State Directorate of Teacher Education Research and Training (DTERT).
- Conceptualized, designed and created workbooks for grades 1-8 children enrolled in the Eureka education programs, to reinforce language and Math skills.
- Led the education evaluation team to conduct large-scale assessments of children's learning levels in the Eureka after-school rural programs.

**2002-2007-** Senior Software Engineer Cypress Semiconductor, USA

**2001-2002-** Software Engineer Remedy Inc. USA

**2000-2001-** Software Engineer Sidestep, USA

**1995-1997-** Marketing officer Exide Industries, India

### **Education**

Doctorate in educational leadership (Ed.D.), San José State University, 2019

Master's in Engineering, San José State University, 2002

Bachelor's in Chemical Engineering, BITS, Pilani, India, 1995

### **Awards**

SJSU Lurie College Research and Teaching Collaboration (LC-RTC) grant – June 2019-May 2020

SJSU Lurie College of Education's Student Research Award– September 2018

Best Volunteer Award – Aid India, 2015