



**Potential. Opportunity. Success.**

**2018 ANNUAL REPORT**

## A LETTER FROM THE BOARD PRESIDENT & THE EXECUTIVE DIRECTOR

Dear Friends:

As you know, we've been providing quality, hands-on science education to kids for a long time... in fact, more than five decades. So it's a good idea, from time-to-time, to ask, "Why are we doing this?"

At EIS, the answer has been remarkably consistent.

Tom Watts, an elementary school teacher and founder of this organization, understood the value of a good education. He saw the opportunities a good education creates. He knew that a good education for kids who might not otherwise have one was a key factor in their future success.

Tom had the same aspirations for his students that we have today. We know that their parents have the same aspirations as well. They know their children have potential. They want their children to have opportunities. They want their children to succeed in life.

Since our humble beginnings as an afterschool program at Ocean View Elementary School in 1964, we estimate our programs have benefited the lives of more than 27,000 students.

**Potential. Opportunity. Success.** These are the reasons Tom Watts created the Elementary Institute of Science 54 years ago. Science education was the vehicle, but the destination was the creation of potential, opportunity, and success for all children who participated in our programs.

**Potential. Opportunity. Success.** Five decades after Tom Watts started this experiment, creating these three elements for our students is still why we open the doors each day. It is still why our instructors and supporting staff come to work week after week. It is why our funders support our work and why parents send their children to EIS year after year.

**Potential. Opportunity. Success.** It is what we all want for our children, and it is the driving reason behind EIS.

Here's to the next five decades of quality, hands-on science education for San Diego's students.

Sincerely,



**Patsy Tomlin**  
Board President



**Jim Stone**  
Executive Director





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## PURPOSE, VISION, & ACCOMPLISHMENTS

### Kids love science, and we know it.

Our purpose is to keep that love alive by making science real, engaging, and fun. Our labs, our instructors, and everything we do revolves around that concept.

Our mission is to nurture and tap into the curiosity of young minds, to create powerful learning opportunities and life-changing experiences. Our kids study a variety of topics from astronomy to zoology.

### ***Even more important, science gets under their skin.***

They develop a STEM Identity—a strong sense that they are capable of doing science. Not every student pursues a STEM career, but without us—without a STEM Identity—that possibility may not exist. And whether our students pursue a career in science, or not, one thing is clear—science becomes a part of their lives.

In 2015, the EIS Board outlined a new vision to become a coveted and trusted resource for youth in southeast San Diego. Since then, we have developed partnerships with schools and other organizations and created new programs that build on our legacy of changing the lives of youth through science and empowering them to succeed in school and in life.



## PURPOSE, VISION, & ACCOMPLISHMENTS



### What we accomplished in 2018

**Steps-2-STEM**—our signature initiative that delivers authentic science to 4<sup>th</sup> & 5<sup>th</sup> grade students from schools in the Lincoln Cluster. Each student spends five weeks at EIS and gets 25 hours of inspiring, hands-on laboratory science. Steps-2-STEM completed its second year in 2018 by more than doubling the number of schools served (from three to eight) and increasing the number of participating students from just over 700 to more than 1,100. During the 2018-19 school year, we will expand to all 11 elementary schools and include 2<sup>nd</sup> & 3<sup>rd</sup> grades, to provide roughly 40,000 hours of science instruction.



**Girls Take Flight**—In the male-dominated world of drones, females are few and far between, but we're about to change that. In this new, innovative program high school girls learn to build, repair, and fly drones, ultimately leading each girl to becoming an FAA certified drone pilot.



**Expanding Our Impact**—Science is everywhere. It is part of our everyday lives, and understanding science is critical for the future. That is why EIS finds new ways to bring science to life and make it accessible for everyone. Programs like **Teen Science Café** and **Science for Tots** expand our reach to high school students and toddlers alike. Partnerships with Code.org, King-Chavez Charter Schools, America's Finest Charter School, and the Diamond Educational Excellence Partnership (DEEP) have strengthened our community connections and further increased the number of kids who benefit from our programs.

## STORIES FROM THE HEART OF EIS

“ Since I have been in San Diego, the Elementary Institute of Science (EIS) has been a fixture in the community. It has now become an icon, a welcome integral part of the community. The current emphasis upon the students in the Lincoln High Cluster, with 2,000 of them receiving science instruction either at the lab itself or from scientists affiliated with the Institute, is a winning model for our children. EIS has assumed responsibility as a leader to ensure that all children are exposed to science and understand what it means to be a scientist. The children of southeast San Diego are blessed to have a committed scientific partner in the Elementary Institute of Science!”

**Sharon Whitehurst-Payne**

*San Diego Unified School District Board of Education*



“ We have a passion for creating awareness and educating the younger generation in STEM-related fields, especially in the underrepresented community. We believe it’s important for children to see there are more career possibilities than the world of television shows. Seeing someone who looks like you that has a successful career in science or is excelling in a STEM-related field can truly change your reality. It gives kids the confidence to do it themselves... or strive to do even better.”

**EIS Middle School Girls Botball Coaches**

**Brittney Wheeler**

*Senior Project Engineer at United Technologies Areospace Systems*

**Jasmine LeFlore**

*Equipment Engineer, United Technologies Areospace System*







“ Executive Director Mrs. Doris Anderson recommended me as one of the EIS students for summer internships at the UCSD school of medicine during the summers of 1989 and 1990. My first summer internship was in the cardiology department, where I was introduced to research on pig and dog hearts and was allowed to observe my first cardiology procedures on patients. Because of my summer internships, I decided to major in biology in college and eventually went on to medical school. After medical school, I specialized in cardiology and finally cardiac electrophysiology.

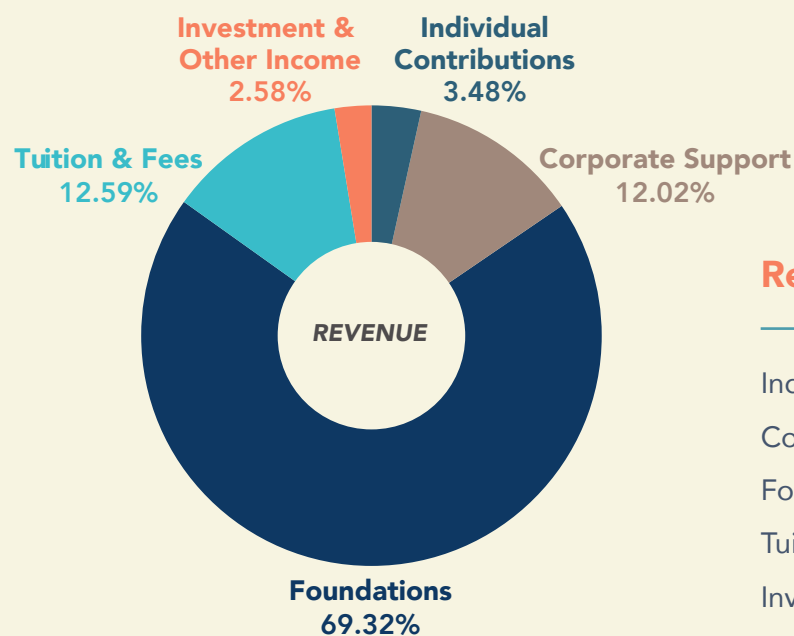
Today I am a board certified clinical cardiac electrophysiologist in private practice at the Huntsville Cardiovascular Clinic, P. C. in Huntsville, Alabama, and I have EIS to thank for fostering my interest in science.”

**Quinton Foster, MD**

Former Student

Huntsville Cardiovascular Clinic, P. C.

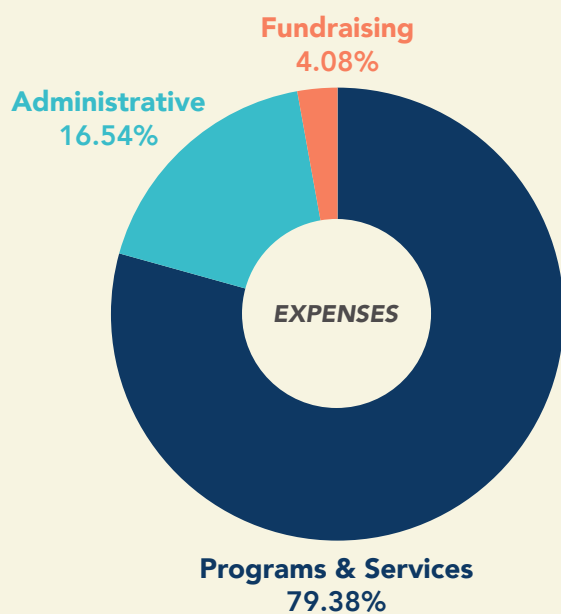
## FINANCIAL INFORMATION



### Revenue

Individual Contributions	\$ 42,708
Corporate Support	\$ 147,405
Foundations	\$ 850,072
Tuition & Fees	\$ 154,443
Investment & Other Income	\$ 31,641

<b>Total</b>	<b>\$ 1,226,269</b>
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### Expenses

Programs & Services	\$ 827,493
Administrative	\$ 172,461
Fundraising	\$ 42,506

<b>Total</b>	<b>\$ 1,042,460</b>
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## **Make Science Sustainable—Here's How You Can Help**

We began this report by asking, “Why are we doing this?” This is also a good question for our donors to ask. In other words, has your investment in EIS paid off?

To answer this question we gather financial information, measurements of outputs and outcomes, personal stories, and other results from the current year. And, your support from prior years is still yielding results.

In fact, investment in EIS yields both short-term and long-term results. As you read this report, some EIS alumni are preparing for high school, while others are entering or graduating from college. Some are just beginning their careers and, believe it or not, some alumni are preparing for retirement.

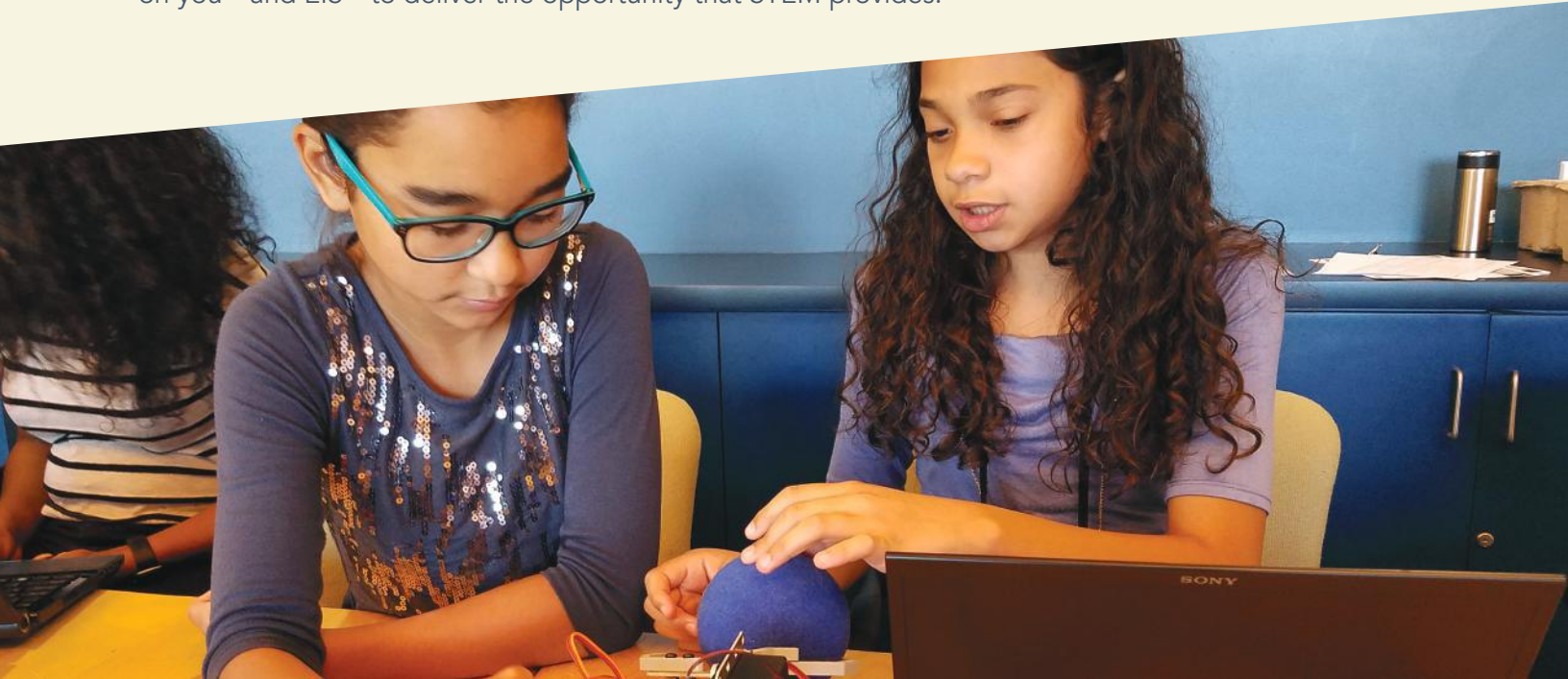
***All alumni have traveled the spectrum of potential, opportunity, and success.***

These success stories, organizational accomplishments, and the ongoing growth of young people developing into career professionals exist only because of your support. You played a role in every achievement, from the creation of a new science program for toddlers to adding more than 27,000 hours of science learning to the school year for more than 1,100 Steps-2-STEM students.

***A lot can happen in a year.***

In February 2018, The San Diego Foundation Science and Technology Fund awarded a grant to Girls Take Flight. Over the course of the 34-week program, participants learned to code, build, and fly drones and became FAA-certified drone pilots. This coming January, the Girls Take Flight participants will present their fieldwork project at the American Institute of Aeronautics and Astronautics SciTech 2019 convention. In June, they will graduate from high school. Just another example of potential and opportunity resulting in success.

Our community is filled with children who have untapped potential to succeed in the ever-expanding STEM workforce—and this benefits our entire community, not just the student-participants. In 2018, we served 2,400 individuals and many of them will return to EIS in 2019, as well as new students. Each year they participate in EIS programs will yield compounding returns on your investment. Please support EIS with a contribution or a planned gift, so we can continue to provide the opportunities and experiences that help unleash students’ potential and create life-long success. Our children are counting on you—and EIS—to deliver the opportunity that STEM provides.



# THANK YOU DONORS!

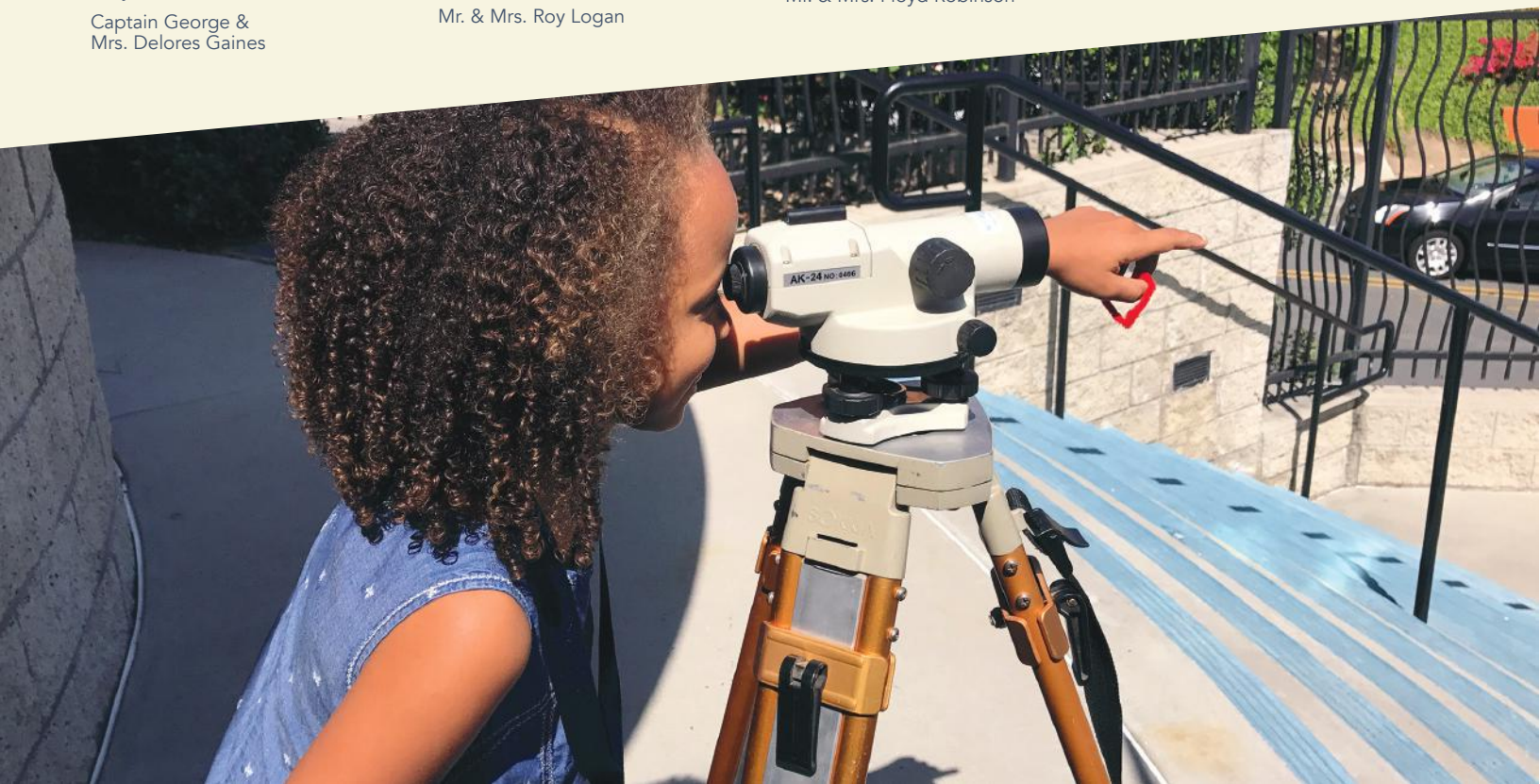
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