Dear Friends,

Thank you for your continued support in advancing the success of all students. You have helped expand our programs and deepen the connection between education and the innovation and resources available in Silicon Valley.

Elevate [Math] grew to now serve students all the way from 6th through 10th grade. We worked with over 3,000 students in summer of 2017 across 44 districts. Since 2008, we have prepared over 12,000 students in Silicon Valley and beyond for their next level math courses as well as college and career success.

Our 49ers STEM Leadership Institute is in its 4th year, serving 240 students from 7th through 10th grade. The opportunities created by the two Fab Labs, the rigorous academic curriculum, and the focus on core values such as risk-taking and determination are helping these students develop into future STEM innovators and leaders.

The Learning Innovation Hub deepened its work to help better bridge the divide between education technology and the classroom. It assisted 20 school districts plan and access new technologies, and it supported teacher training in computer science, impacting over 1,000 students.

In 2017 we drove discussions and brought parties together to examine important issues in education, like building college readiness for all students. Additionally, our advocacy work continues to support the East Side Alliance, which is growing stronger each year.

Your support cannot be overlooked. Our largest events - the Silicon Valley Wine Auction and Pioneers & Purpose - each raised over $1 million. This year’s Pioneers & Purpose celebrated Steve Luczo, Executive Chairman of Seagate Technology, as our Pioneer Business Leader for his leadership in the technology industry and philanthropic initiatives around the world.

Your contributions of time, resources, and passion enabled us to positively impact thousands of students, teachers, and school districts as we work towards our vision to transform Silicon Valley into a model for enhancing public education. So, we thank you.

The following pages are a summary of our impact and activities in 2017, but we are equally excited to look ahead. In 2018 we merge with another education nonprofit, ALearn, which holds a mission and values that align with our own. We hope you enjoy this final reflection from SVEF, and we look forward to sharing a new and even stronger organization with you in the coming year.

Sincerely,

MANNY BARBARA
INTERIM CEO AND VP OF ADVOCACY & THOUGHT LEADERSHIP, SVEF

PAUL HUMPHRIES
CHAIRMAN OF THE BOARD, SVEF
Elevate [Math] is an intensive summer intervention program. It prepares targeted incoming 6th through 10th graders for success in their next level math courses. This is accomplished by front-loading critical math concepts to create a solid base from which to build the students’ math skills. Elevate [Math] provides students with 75 to 125 hours of instruction from a credentialed teacher, utilizing a rigorous math curriculum developed by an expert design team of math leaders and educators. The program also integrates content for growth mindset, STEM career awareness, and college readiness.

On average, students at each grade level showed at least a 50% growth comparing pre/post MAC/MARS assessments.
Studies show that math success is a critical gatekeeper to college and career readiness. Unfortunately, in Silicon Valley 54% of students are not college ready in math by the time they graduate high school. In partnership with 44 school districts, Elevate [Math] is addressing this challenge in Silicon Valley and beyond. During the summer of 2017, Elevate [Math] served 3,000 students. To date, over 12,000 students at risk of falling off the path to college and career success have participated in Elevate [Math].
With support from Chevron, the 49ers STEM Leadership Institute (SLI) was created through a partnership between SVEF, Santa Clara Unified School District, and the San Francisco 49ers, recipients of the 2017 Sports Humanitarian Team of the Year award. Each year an intensive application process is used to select a cohort of 60 rising seventh graders to participate in the program through their senior year of high school. The program is now in its fourth year, serving 240 students between Cabrillo Middle School and Santa Clara High School.
Throughout the six-year program commitment, SLI students engage in scientific exploration, local and national competitions, and impactful community projects.

Between the demanding academic curriculum, highly trained staff and teachers, and a strong focus on its Core Values, SLI nurtures and inspires its students to pursue STEM majors at top tier universities and develop into future leaders in their fields.

SLI PROVIDES MORE THAN

300
EXTRA HOURS OF INSTRUCTION PER STUDENT PER YEAR

OVER
1600
HOURS OF PAID TEACHER PD AND COLLABORATION TIME

CHALLENGES & COMPETITIONS
FIRST Lego League
Tech Challenge
Math Olympiad

FIRST Tech Challenge
Maker Fair
Global Math Challenge

Exploravision
Synopsys Science Fair
AMC8 | AMC10
Advocacy

SVEF brings together the myriad of voices in the region that advocate for changes in education. These parties do not necessarily have the same agendas or positions, but they all share concerns or passions for education in our region and beyond. SVEF’s Advocacy team gives them a platform to be heard and to promote informed support for schools and the community at large.

A-G Requirements

A-G refers to the high school courses required for entrance to the University of California and the California State University systems. Unfortunately, many high school graduation requirements do not match the A-G requirements. SVEF works to educate students and parents on this difference and advocates for districts to adopt A-G courses as their graduation minimums.

Districts that have adopted A-G as high school graduation requirements:

- East Side Union High School District
- Morgan Hill Unified
- Gilroy Unified
- Campbell Union
- Palo Alto Unified
- San Benito High School District
- Santa Clara Unified
- San Juan Unified
- Santa Cruz (practice)
- Monterey Peninsula Unified

A-G completion rate for ESUHSD

<table>
<thead>
<tr>
<th>Year</th>
<th>Completion Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>34%</td>
</tr>
<tr>
<td>2016</td>
<td>43%</td>
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</table>
The East Side Alliance (ESA) is a collective impact initiative, consisting of eight partner districts serving 85,000 students. Through the ESA, these independent agencies collaboratively developed a common vision and mission, and they work towards agreed upon objectives, share ideas, and help one another leverage resources.

In 2017, the ESA convened math experts to provide ideas, content, and strategies for a Math Toolkit, which was then further refined by teachers and district leaders. Accessible online, the ESA Math Toolkit will serve as a blueprint for best mathematics instructional practices and a foundation for professional development across the ESA.

Forums

SVEF hosts ongoing educational forums featuring expert speakers and panelists to cover topics ranging from A-G to college readiness to women in STEM. In 2017, SVEF hosted the Early Math Adds Up Forum and the College Readiness in the Common Core Era Forum.

PROVIDED

400+

MIDDLE AND HIGH SCHOOL TEACHERS WITH COMMON CORE ALIGNED PROFESSIONAL DEVELOPMENT
Learning Innovation Hub

With so many tech giants and a strong culture of innovation in the Silicon Valley, iHub helps schools prepare all students with the necessary skills to enter this modern economy. The Learning Innovation Hub (iHub) leverages research, practice, partnerships, and policy to advise and network education stakeholders committed to raising student achievement through technology equity.

iHub was an active member of the Learning Assembly for three years. iHub ran EdTech pilots and product evaluations to contribute to the Learning Assembly’s Evaluation Taxonomy and Pilot Toolkit, resources shared nationally with K-12 public schools. iHub continues to work with the Bill & Melinda Gates Foundation to build deeper insight into EdTech. In partnership with WestEd, iHub is researching and evaluating how math EdTech products support learning, instruction, and performance in 7th grade classrooms.

The 2017 Pitch Games featured products for use by both teachers and administrators.

- 6 STARTUPS PITCHED PRODUCTS TO 8 SCHOOL DISTRICT TEAMS
- 2 PRODUCTS SELECTED: PENPAL SCHOOLS AND LEARNMETRICS
- 58 EDUCATORS & 653 STUDENTS HAVE BEEN INVOLVED WITH THE PENPAL SCHOOLS PILOT

Since 2015 iHub has partnered with PwC to help districts assess their technology readiness.
iHub Grows its Computer Science Initiatives

Computing is the largest and fastest growing sector of new jobs in the country. As the regional partner of Code.org in Silicon Valley, SVEF is helping to expand computer science offerings in K-12 schools in San Mateo and Santa Clara Counties.

3 “HOUR OF CODE” EVENTS DURING NATIONAL COMPUTER SCIENCE WEEK, REACHING 800 STUDENTS:
• 2 high school events with Algebra 1 classes
• 1 K-8 dual language event

IHUB SUPPORTED 24 TEACHERS FROM 3 COUNTIES, 12 SCHOOL DISTRICTS, AND 21 SCHOOLS WITH 44 HOURS OF PROFESSIONAL DEVELOPMENT OFFERED

Wells Fargo Teacher Innovation Grants: Over $1M Awarded

The Teacher Innovation Grants (TIG), generously sponsored by Wells Fargo, help inspire student success and achievement by empowering teachers from Pre-K to Grade 12 to create enhanced and interactive learning experiences. SVEF plans to continue its partnership with Wells Fargo to be able to provide important funding to our local educators.

2016-2017

125 GRANTS AWARDED
169 TEACHERS SUPPORTED
12,400+ STUDENTS IMPACTED

75% OF THE GRANTS SUPPORT STEM-RELATED PROJECTS AND EXPERIENCES

2/3 for classroom projects (Maker Spaces, Chromebooks, iPads, Robotics Projects, Coding Projects)
1/3 for Field Trips (Science Camp, Marine Science Institute, College Visits, Robotics Competitions, STEM related museums, Natural Bridges State Beach)

Since 2006, 1,295 grants have been awarded, totaling over $1 million.
**Major Annual Events**

**SILICON VALLEY WINE AUCTION (SVWA)**

In May, SVEF and the Santa Cruz Mountains Winegrowers Association hosted the 3rd annual SVWA at Runnymede Farm in Woodside, CA. It raised over $1 million to benefit local education programs and brought together over 1,000 guests, 50 wineries, and 150 ultra premium wines through a Wine Pairing Dinner, Live Auction, and Grand Tasting.

**PIONEERS & PURPOSE: A CELEBRATION FOR EDUCATION**

In November, Seagate Technology co-sponsored SVEF’s Pioneers & Purpose, gathering together over 500 notable business, technology, and education leaders. It raised over $1 million for SVEF STEM programs, bringing the total to over $12 million since 2005.

2017 Pioneer Business Leader
Steve Luczo, Executive Chairman of Seagate Technology, was recognized for his leadership in technology and his charity initiatives focusing on accessible education for at-risk youths.

2017 Teacher of the Year
Lisa Carrell from Ocala STEAM Academy was honored for her excellence in education and her commitment to support and celebrate every student’s strengths and challenges.
Financials

At SVEF, we believe it is essential to deliver educational services to our local schools, while maintaining a strong financial position. We strive to increase our investment in programs, outreach and human resources. We are committed to public education and preparing students for college and career success.

SVEF’s 2017 fiscal year was from July 1, 2016 through June 30, 2017. Expenditures in FY 2017 totaled $7,352,913.
Donors: Funding Partners, Individual Investors

**FUNDER ORGANIZATIONS**

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49ers Foundation
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Allen & Co, LLC
Applied Materials
Applied Materials Foundation
Arista Networks
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Benevity Community Impact Fund
BizLink Technology
Bozutto & Associates
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CoreUrbanCo Properties
Clayton Partners
D. John Miller Family Foundation
Dirk & Charlene Kabcenell Foundation
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EY
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Morgan Stanley
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