



# DEAR FRIENDS,

#### At Ignited, we celebrate teachers.

We celebrate their hard work and passion. Their dedication to growing, personally and professionally. And their unique power to prepare and inspire tomorrow's leaders. Our companies, our communities and our lives are shaped by amazing teachers.

We see our classrooms changing. Doors are opening. New ideas and experiences related to STEM are emerging every day. And students from every part of our communities are getting more chances to participate and excel. But, there's still a lot to do.

For 34 years, Ignited teachers, along with our company and university partners, have been a catalyst for these changes. Hundreds of fellowships and externships have improved curriculums and inspired new teaching practices. Our teachers have brought real-world examples, inspirational moments and innovative experiences to their classrooms. Every day, we've worked together to prepare thousands of students to be the scientists, engineers and technologists of tomorrow.

We've also seen our partners changing. They've recognized that companies are built first in our classrooms. That their industries will only be successful if our schools are successful. They've embraced their critical role by opening doors, giving teachers first-hand experiences and creating year-round connections. And the same is true for the world's best research institutions. They've shown that a science teacher who knows what it's like to be a scientist can inspire students more effectively. Or that the best way to prepare a student to be a software product architect is for his teacher to work beside one. It's happening today, and we're making a difference. So, what comes next? Ignited has four strategic priorities for 2019 that will accelerate these positive changes:

1. Connecting more companies with more teachers. Our impact on the workforce increases as we scale up our partners and fellowships. So, we're working with a broader group of organizations this year and providing more teacher fellowships. That includes expanding across the U.S.

2. Deepening current partner support. As we establish each fellowship, we'll dive deeper to make sure our partners can engage more of their employees in the work with teachers. We'll craft more immersive, enriching experiences that teachers can share with students.

3. Re-structuring curriculum transfer. We're improving our strategy to bring direct industry learnings and experiences back to our classrooms. We'll work with our teachers to implement new practices and share those with more educators in our school districts.

4. Strengthening year-round industry/classroom connections. Meaningful connections need more consistency to be effective. So, we'll work with our partners to keep their employees engaged in our classrooms throughout the school year. That amplifies the great work started each summer.

Delivering on these priorities will build the main disciplines underpinning STEM, but also give us the critical 21st century skills our workforce needs like collaboration, critical thinking, problem solving, adaptability, and ingenuity.

These priorities will create more leaders in our educational community who understand emerging opportunities for the corporate, research and educational worlds to come together for greater collective impact. All of us want our kids to be prepared for the future. We want them to become the industry leaders of tomorrow. The scientists. The technologists. And the teachers who pass the torch to their own children one day. That's why we've been so fortunate to do this incredible work for the last 34 years, for more than 3.2 million students.

It's been our responsibility, our passion and our privilege. Every day, we can make those skills and opportunities available, tangible and relevant for our teachers and students. And the most rewarding work is still there for us to do. We will inspire that next inventor, data analyst, scientist and entrepreneur. The classroom is always open to new possibilities.

Thank you for everything you do, and I look forward to continuing our work together.

We are Ignited! Shari



#### MISSION





Transforming Teachers. Engaging Students.

Inspiring Innovation.

We connect educators with science and technology leaders to tackle tough problems together, sparking creativity in the classroom and in the real world.

#### PROGRAMS



The Summer Fellowship provides teachers with full-time, handson projects in companies and research labs during the summer. While working alongside scientists, technologists, engineers and business leaders, they gain skills and develop workplaceinformed curriculum.

- 59 teachers, 16 organizations, 4 coaches, 8 weeks
- 100% of fellows increased their knowledge of STEM careers, gained ideas about making their curriculum relevant in today's workplace and found new ways to improve their teaching
- 86% of fellows said the SFP was either the best or in the top 10% of all Professional Development they experienced
- 46% of 2018 fellows teach in high-needs schools



SparkEES aims to give 2nd and 3rd grade teachers immersive experiences in a STEM company, challenges them to prototype new teaching strategies inspired by that workplace, and opportunities to test and iterate on those practice prototypes before returning to their classrooms.

- 9 teachers, 3 companies, 2 nonprofit partners, 3 weeks x 2 sessions
- 100% of the teachers developed and tested new teaching strategies and returned to their classrooms with plans to complete test/ iteration cycles
- 100% of the teachers gained significantly more confidence in their understanding of the applications of STEM subjects



During the Water Career Pathways program, teachers participate in immersive job-shadows with a water company for a week, generating lesson plan ideas and creating one curriculum plan.

- 33 teachers, 5 water organizations, 1 week x 5 sessions
- 93-100% of participants increased their knowledge of STEM workplace cultures and career options, increased their effectiveness in integrating 21st century skills as well as real-world industry and research examples in their teaching

TOTAL PROGRAM REACH: 108 teachers x 125 students = 13,500 students in 7 counties during 1 year

## FUNDERS & HOSTS



\$100 - \$200K Stanford University

\$50K - \$100K Lockheed Martin Space Systems Company Genentech Foundation Taproot Foundation UC Berkeley BERET Agilent Technologies 100Kin10 Kaiser Permanente Cisco Systems, Inc. Oculus

\$10K - \$50K Amazon Lab126 Andeavor Google, Inc. Synopsys, Inc. **Digital Promise** Silicon Valley Bank Amgen Foundation Sobrato Family Foundation Wells Fargo Peninsula Clean Energy **Extreme Ultraviolet Science** and Technology Engineering **Research Center** Genentech, Inc. Salesforce Mellam Family Foundation Western Digital Foundation

# FINANCIALS

#### Revenue 2017-2018



27%

Educational & Program Services

### THE BOARD



Patrick Beatty Keegan Evans Maria Fernandez Guajardo Jocelyn Garcia-Thome Anne Hausler Anissa Kalinowski Samantha Kim Kurt Krukenberg Shari Liss Dan Lynch Jonathan Manson Christine Moon Kash Shaikh Kaye Storm Jack West Jr.

# TEACHER TAKEAWAYS

"This kind of learning is not available to teachers anywhere else."

"The fact that the fellowships are at engaging, cool places to be is just gravy."

"Now, when I read state standards on science and technology, I look back at my summer experience for ideas and inspiration."

"I saw the vast opportunities available for my students."

"I want to start a rocketry club now."

"I hope all teachers at some point in their career are able to experience how the subject they teach is applied in the realworld."

"It broke the isolation that teaching sometimes imposes on us, working in our classrooms all on our own."

"Being a learner has made me sensitive to the challenges that my students go through to learn new materials and/or concepts."



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