Public/Private Partnerships in Mentoring:
Genentech & South San Francisco Unified School District

Philanthropic IMPACT Webinar Series
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Moderator & Featured Presenters

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MENTOR

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South San Francisco Unified School District
MENTOR Overview – www.mentoring.org

- For 26 years, MENTOR has been raising public awareness, developing and delivering resources to mentoring programs, and promoting quality through standards, cutting edge research and state of the art tools.

- MENTOR is at the crossroads of education, business and community, facilitating a network of affiliate Mentoring Partnerships and over 5,000 mentoring programs in all 50 states.

- MENTOR is ranked as one of America’s top-performing 100 nonprofit organizations (Social Impact 100).
MENTOR’s National Program Network
MENTOR’s Local Mentoring Affiliates
MENTOR’s Public/Private Partnerships
The Need for Mentoring

One in three young people are growing up without a mentor.

This is the mentoring gap in America.
The Mentoring Effect

WITH A MENTOR, AT-RISK YOUTH ARE:

- 55% more likely be enrolled in college
- 78% more likely to volunteer regularly in their communities
- 130% more than twice as likely to say that they held a leadership position in a club or sports team
- 90% Respondents who had a mentor said they are now interested in becoming mentors
FUTURELAB

Public/Private Partnerships in Mentoring:
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Genentech

- Founded in 1976
- Headquartered in South San Francisco, California
- Approximately 14,500 employees
- 40 medicines approved for people with various serious or life-threatening diseases
Science can be a test of patience. The process is long. The promise of an idea in a lab might not be fully realized for 20 years. And a grade-school student sitting in a classroom today might be the one to do it.

- Bill Anderson, Genentech CEO
Education is lagging in California

- Math & Reading Scores: 47th
- Staff-to-Student Ratio: 50th
- Per-pupil Spending: 35th
24% of students are English language learners

39% of students receive free or reduced lunch

STEM job growth exceeds future supply
Futurelab Goals

Futurelab aims to bring science alive for all 8,500+ students in the SSFUSD, and is focused on rigorous and relevant hands-on science at every grade level K-12.

• Fuel student excitement in & ability to do **science in our backyard**
• Increase student **connectivity to biotechnology**
• Create awareness and **excitement** about potential **career paths**
• Support long term priority of increasing **diversity in STEM**
• **Engage employees** to do good across a range of options
Futurelab Design Principles

- All **students have potential** to succeed
- Create “science excitement” through **meaningful & magnetic** experiences and **high-frequency, high-dosage programs**
- Utilize **research-based, instructional best practices** – e.g. mastery-based learning, high-quality feedback – to help students develop **21st century skills**
- **Align with standards**: Common Core State Standards (CCSS) and Next Generation Science Standards (NGSS); partner with STEM education leaders
- Harness the power of **mentoring** via a **team-based approach** to engage students and connect them with a broad range of possible futures; encourage **grit & growth mindset**
- **Support teachers** as a key variable in a student’s experience, and **strengthen district’s capacity** to better serve students
- Leverage full **range of assets**: funding, in-kind donations, employee time & talent
Hands-on STEM
Mentoring
SSFUSD & GNE Partnership
Futurelab: Genentech's partnership with SSF schools

**GENE ACADEMY**
“Science is fun!”
Weekly onsite 1:1 mentoring program for elementary students

**HELIX CUP**
“I can do science!”
Annual science competition for middle school students

**SCIENCE GARAGE**
“I’ll work in science!”
A four-year biotech pathway and state-of-the-art teaching facility

*Futurelab brings science to life for all students in the SSFUSD, and is focused on rigorous and relevant hands-on learning at every grade level.*
GENE ACADEMY
Weekly homework help & hands-on science activities
200 3rd – 5th graders each week, October – May
400 Genentech Mentors volunteer one hour, twice per month
HELIX CUP
A science competition that inspires creativity & teamwork
Every 8th grader in SSFUSD, January – May
110 Genentech Coaches commit three hours per month
SCIENCE GARAGE

Hands-on and lab-focused, 4 years of biotech curriculum
1000+ SSF students are engaged annually, August — May
60 Genentech Volunteer TAs go to matched classroom 2 hours/month
Science Garage biotech teaching lab is now open!

- 6,900 ft² state-of-the-art teaching lab on SSF High School campus, donated by Genentech Foundation
- UC/CSU approved course-work as an A-G lab science
- Genentech volunteers from research, development and manufacturing provide real-world, industry perspective
$500 grant via DonorsChoose.org to every SSF classroom

Professional development for all SSF Science Teachers

Science field trips for 4,000+ students each year

Two $50K scholarships to study STEM

In-kind donations of computers & iPads, plus pro bono IT

Other Futurelab highlights
Success Factors for Futurelab

Core to success is the partnership between our Corporate Giving team and SSFUSD

- **Co-design together** with teachers and administrators
- **Build capacity** for SSFUSD – funding, staff and resources
- Lead with a **listening, collaborative, and continuous learning** approach
- **Convene** regular meetings across all levels of SSFUSD and GNE
- **Share common mission, goals, & outcomes**; be accountable together
Additional Resources from MENTOR

- **Online Philanthropic Community of Practice**
  - Online portal for corporations, foundations and donors to connect & share resources

- **Mentoring Connector**
  - National database of mentoring opportunities

- **National Mentoring Resource Center**
  - National clearinghouse of tools, resources and practices

- **Collaborative Mentoring Webinar Series + IMPACT Webinar Series**
  - Free webinars by practitioners for practitioners

- **National Mentoring Summit – Philanthropic Partnerships Track – January 24-26, 2018**
  - Annual conference with 1,000+ practitioners, philanthropic partners, researchers

- **Elements of Effective Practice for Mentoring (including supplemental guides)**
THANK YOU