

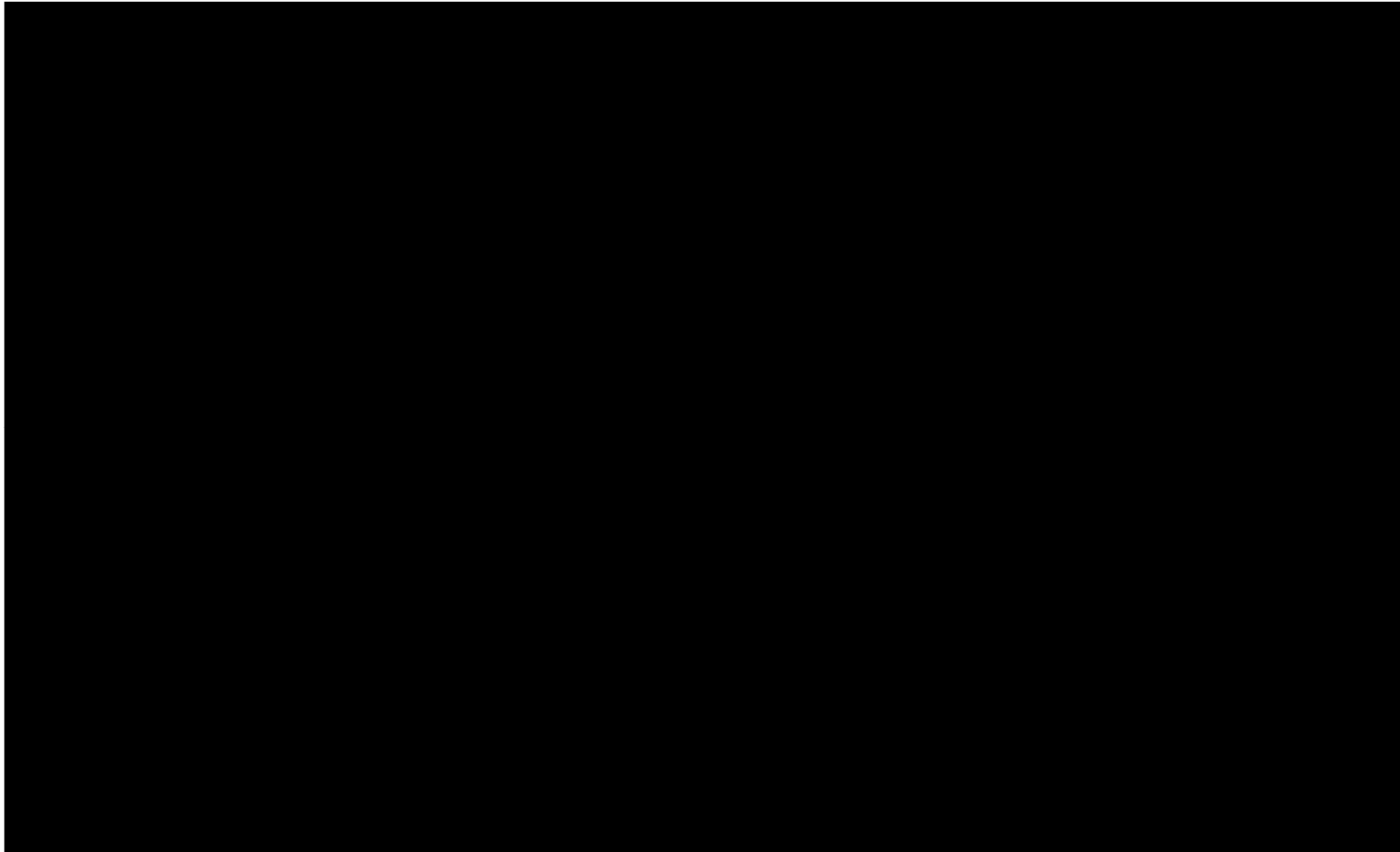
## Inspire future generations

Bethany Orozco  
Los Angeles Program and Recruitment Director  
[bethany@encorps.org](mailto:bethany@encorps.org)  
310-293-9220



  
**EnCorps**  
STEM TEACHERS PROGRAM

Did you know?

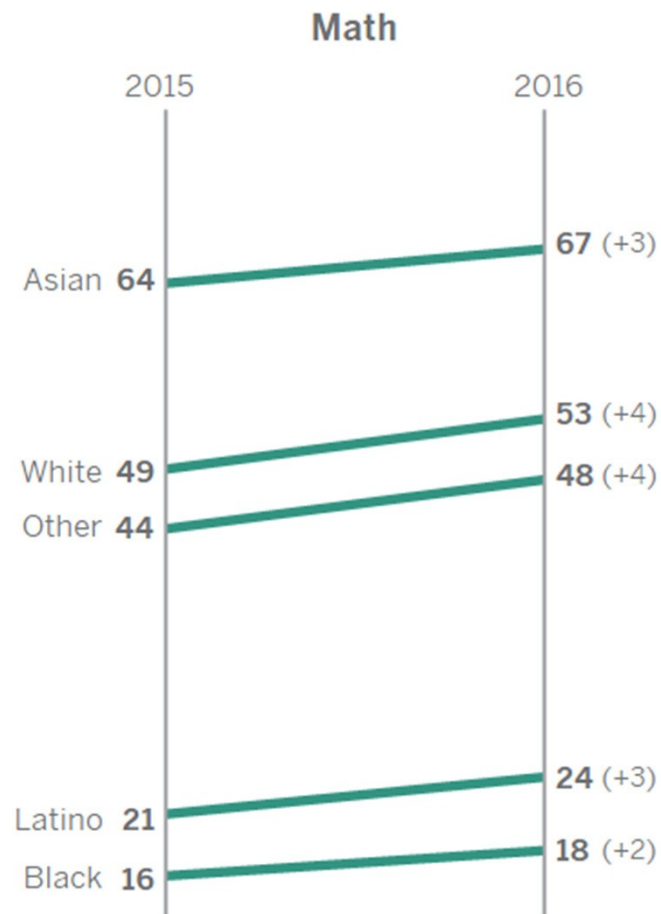


2 <https://www.youtube.com/watch?v=g1NJ9Vv-Y6Q>

# Why are we here?



## California Assessment of Student Performance and Progress



Source: LA Times

### California Overall

**37%** MATH

"It's not a pretty picture, we are not doing an adequate job educating poor kids, black kids, Latino kids."

*Tyrone Howard, UCLA Education Professor*

# Why are we here?

## California's Leaky STEM Pipeline

California STEM  
Learning Network



Of the 40,905 that were  
enrolled in 2001, only  
35,725 or 10% continue  
to graduate high school



Of the 165,380 high school  
graduates in 2005,  
only 53,226 or 32%  
are college-ready



College Ready



Of the 40,905 that were  
enrolled in 2001, only  
35,725 or 10% continue  
to graduate high school



Graduates with  
STEM Degree



= 21,136

Of the 40,905 that were  
enrolled in 2001, only  
35,725 or 10% continue  
to graduate high school

Why are we here?



"I want them to know that they are capable of success no matter their background or what anyone else may have told them."

*Tyran Richards, EnCorps Fellow*





## Change lives

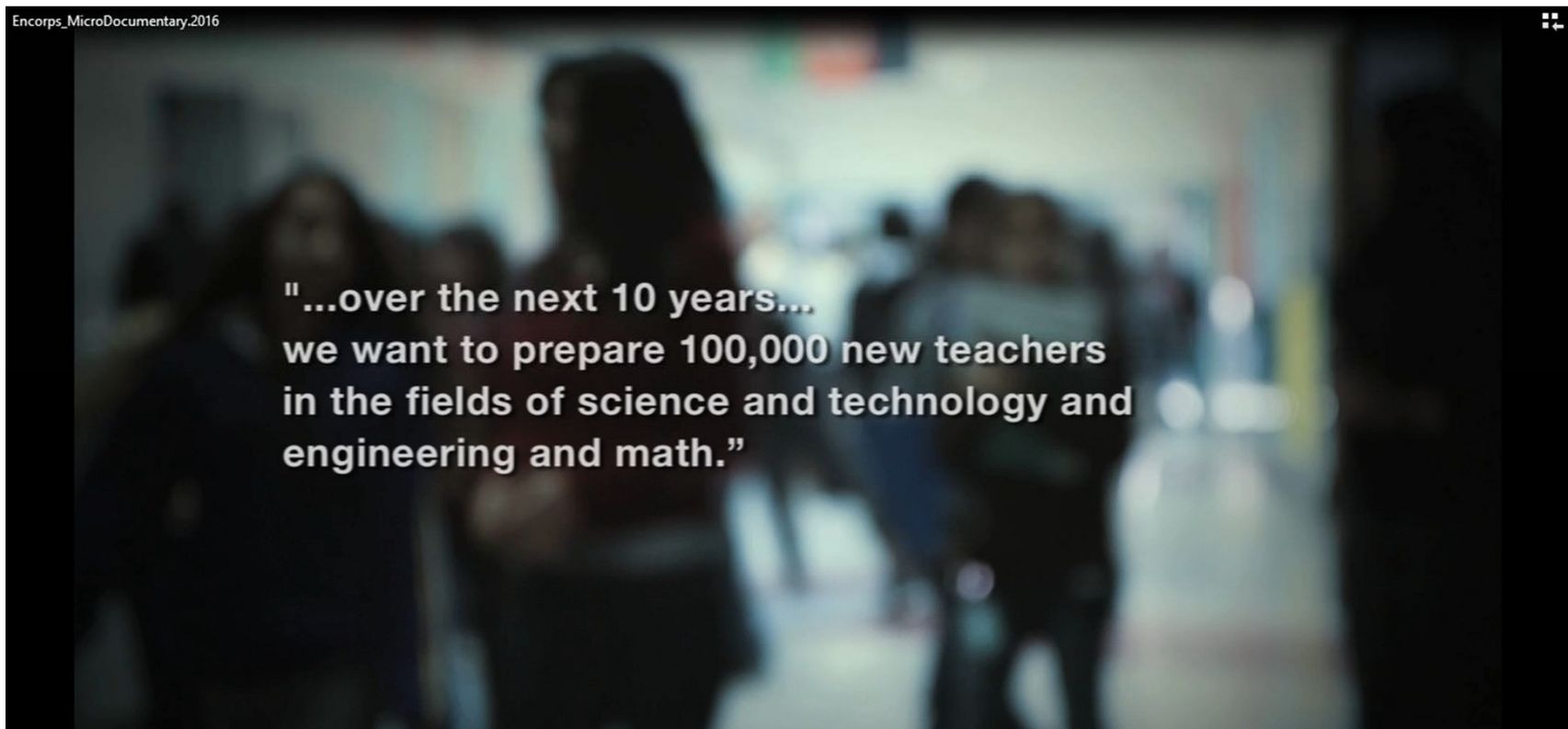
“Dr. Tam was very nice to our class and helped us to better understand why STEM careers are important. It was very interesting to see how various coding programs are used in life.”

*Student of an EnCorps Guest Teacher*

# 35K+

High need students  
receiving high quality math  
and science education by  
an EnCorps STEM Fellow  
(SINCE 2008)

# EnCorps' Solution



<https://www.youtube.com/watch?v=AnZ9Ny51ic8>

# EnCorps' Supporters





# EnCorps' Solution



**STEM industry leaders**, when thoroughly prepared, bring technical skills, leadership and real-world expertise to public schools to deliver an authentic, rigorous, and relevant STEM education to the students who need it most.

## **STEM Professionals:**

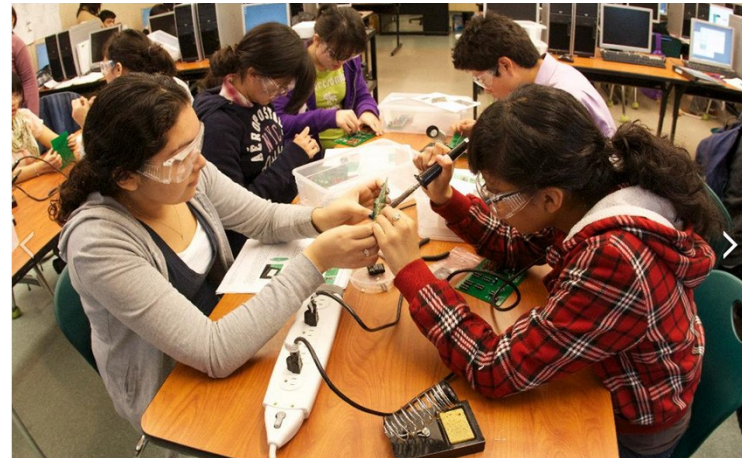
- Know their stuff
- Are passionate about their area of expertise
- Can answer the question of relevance
- Can serve as role models
- Have access to worlds and opportunities that students do not



# EnCorps Case Study



## STEM Academy of Hollywood



# EnCorps Case Study



## Greater postsecondary enrollment

**9% more**

Linked Learning students attended four-year postsecondary education, compared to their peers.



## Reduced barriers to success

**72%** of Linked Learning students agree:

**"I know a lot about college and career planning."**



## Increased income after high school

Male students participating in programs combining academics and career preparations earned

**\$10,000 MORE**



in the four years following high school.



## Higher high school graduation rates

**95%** of 12th-grade students in California Partnership Academies graduated



compared to **85%** of 12th-grade students statewide.







## Make an impact

“EnCorps gives experience and information in becoming a teacher that you don’t even know you need... They guide you through the whole process and you can start guest teaching without paying a dime.”

*Kevin Dinh, EnCorps Fellow*

# 17

Average years in  
a STEM profession



# The EnCorps Fellowship



**EnCorps provides comprehensive training and support as you personally engage with students in need and explore a move into a career that truly changes our world.**

- Immediate access to working with high need students
- Mentorship from EnCorps staff and a host teacher
- Scholarship opportunities for credentialing and professional development
- Access to networks and schools for full time teaching employment



# The EnCorps Fellowship



**EnCorps provides comprehensive training and support as you personally engage with students in need and explore a move into a career that truly changes our world.**

- Exam support and credentialing guidance
- Robust slate of professional development webinars and in person institutes
- Cohort of peers who share ideas and best practices

## **Credential Areas Supported by EnCorps**

- |                             |  |
|-----------------------------|--|
| ✓ Biology                   | ✓ Arts, Media, and Entertainment             |
| ✓ Chemistry                 | ✓ Energy, Environment, and Utilities         |
| ✓ Physics                   | ✓ Engineering and Architecture               |
| ✓ Foundational Science (MS) | ✓ Business and Finance                       |
| ✓ Geosciences               | ✓ Health Science and Medical Technology      |
| ✓ Math                      | ✓ Information and Communication Technologies |
|                             | ✓ Manufacturing and Product Development      |
|                             | ✓ Transportation                             |



**Motivate the next  
generation of scientists,  
engineers and innovators**

**82**

% of participants who  
have either a **STEM**  
Masters or PhD



**Questions?**

**[www.encorps.org/apply](http://www.encorps.org/apply)**

**Final Application deadline:**

**May 15, 2017**

