



TECH and MENTORING

February 18, 2016



2016 Collaborative Mentoring Webinar Series Planning Team



Good to Know...

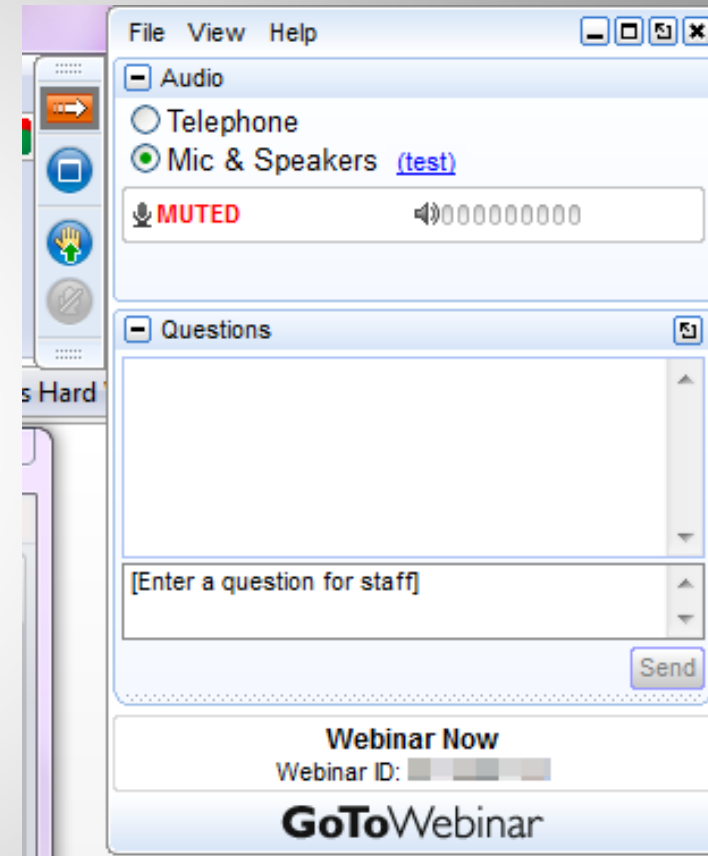
One week after the webinar, all attendees receive an email with:

- Instructions for how to access PDF of presentation slides and webinar recording
- Link to the Collaborative Mentoring Webinar Series webpage, where all slides, recordings, and resources are posted.

Please help us out by answering survey questions at the end of the webinar.

Participate in Today's Webinar

- All attendees muted for best sound
- Type questions and comments in the question box
- Respond to polls
- Who is with us today?



Today's Webinar

- Kate Schrauth, Executive Director, iCouldBe
- Camille Stone, Program Director, We Teach Science
- Lindsay Page, Assistant Professor of Research Methodology, University of Pittsburgh School of Education

**Q & A throughout the presentation
(use the Q & A panel)**

Lindsay Page



Investigating solutions to “Summer Melt” using quantitative analysis of text interventions

Research featured on *Morning Edition*, *Marketplace* and *LA Times*

Doctorate in Quantitative Policy Analysis from Harvard University

Kate Schrauth



Executive Director, iCouldBe

**Studied Political Science at
Boston University**

**25 years experience with
organizations Artists for Humanity,
Harvard Student Agencies and
Jumpstart**

Camille Stone



**Program Director, Remote Tutoring
and Mentoring Program**

**Elementary School Teacher for
10 years, Fremont Unified SD**

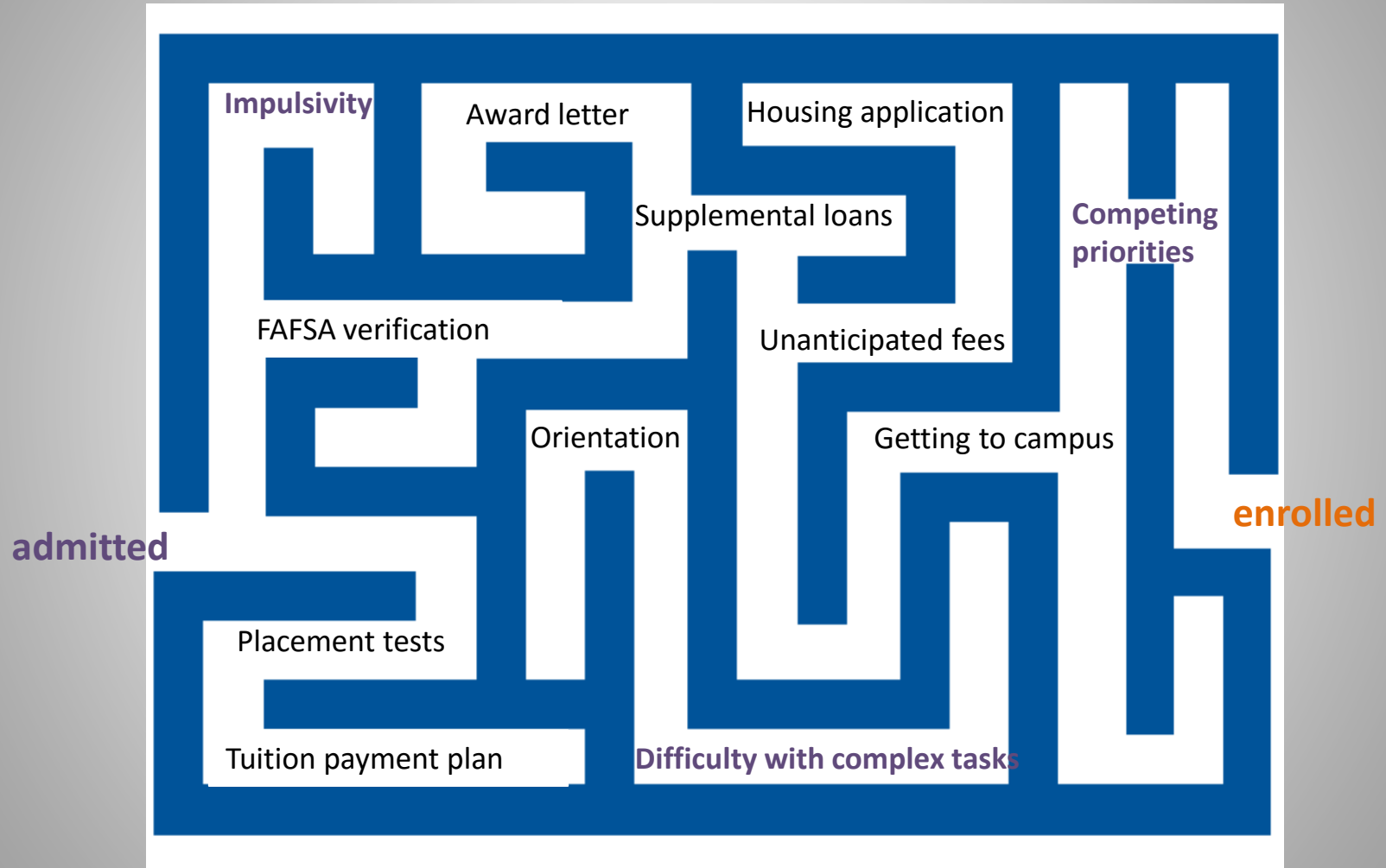
**Masters degree from Cambridge
College**

Texting Interventions: Research

Text based solutions for improving youth & family outcomes



Summer Melt: What gets in the way?



A Text-based Solution

Hi Alex! have you signed up for the UM-Boston orientation? Last one is [7/15](#). Need to register? <http://1233433.org>. Need help? Reply to talk w/ an advisor.

Hi Alex! Need help w/ the FAFSA? Questions about your fin. aid award letter, or need more aid? Reply to meet with a DISD counselor

Facilitating Student-Counselor Interactions

uAspire reminder: Fall bill due 8/7. Do you have a good plan for paying ur bill? Need help? Questions about loans? Text us or visit our walk-in hrs!

I saw what my bill is so is that what financial aid takes care of

Do you know how much your bill is for?

3000 & some change

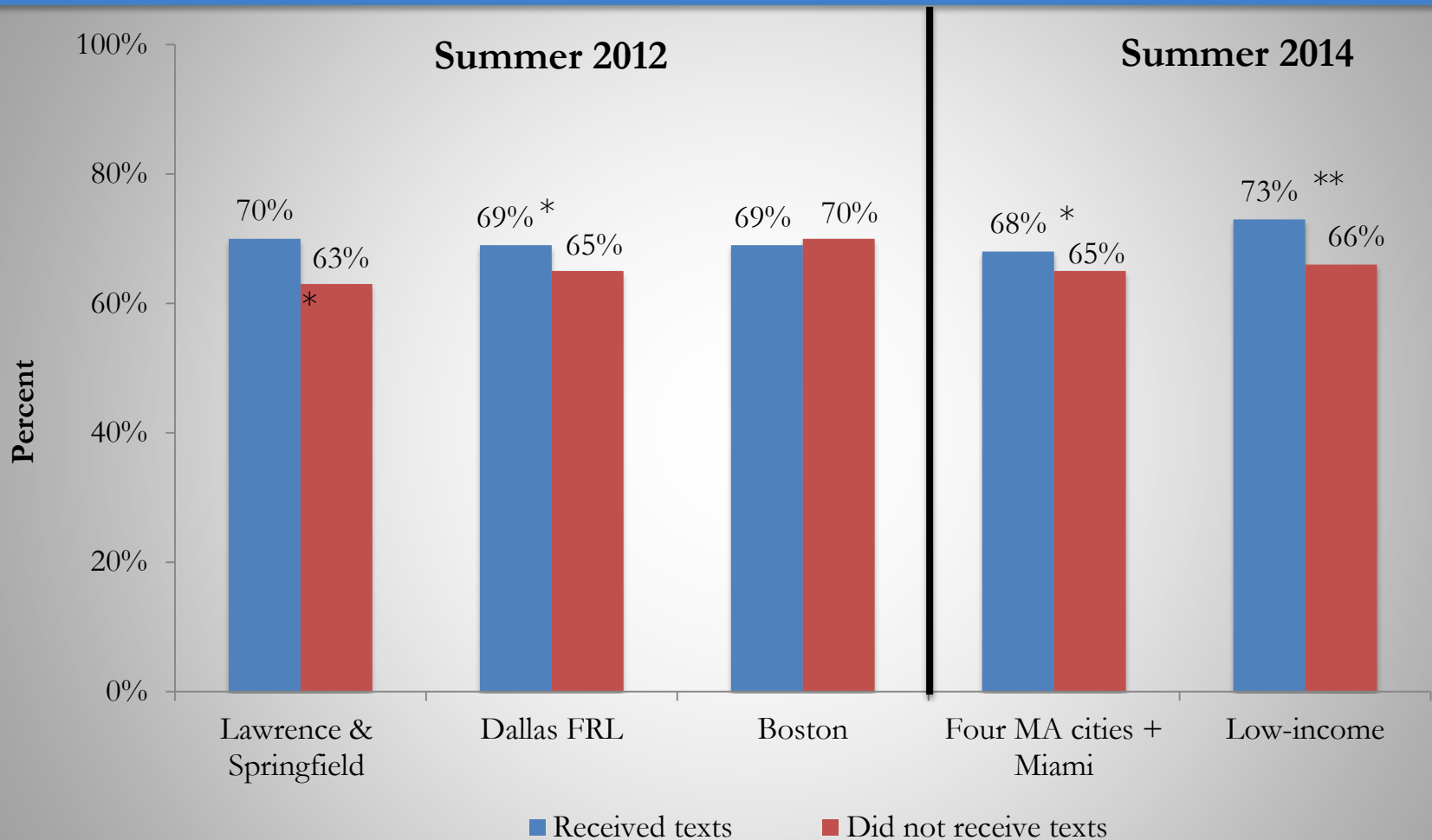
That doesn't sound like your fin aid has been applied yet. Did you check your email? Check to see if you have any emails from the aid office.

I figured it out, they need my transcript

Ok that makes sense. Once they received this, the fin aid office may have more papers for you to fill out. Be sure to check your email often and let us know.

SignalVine

Text Outreach: Substantial increases in enrollment for a small investment



Castleman, B. L. & Page, L. C. (2015). Summer nudging: Can personalized text messages and peer mentor outreach increase college going among low-income high school graduates? *Journal of Economic Behavior and Organization*, 115, 144 – 160.

Nurture PA: How & Why

How it works:

- Moms recruited in Pittsburgh-area hospitals
- Trained mentors who are mothers (including teachers & social workers)
- Texting-based relationship, with information, support, and tips tailored to mother-baby needs
- Real time, low-cost support

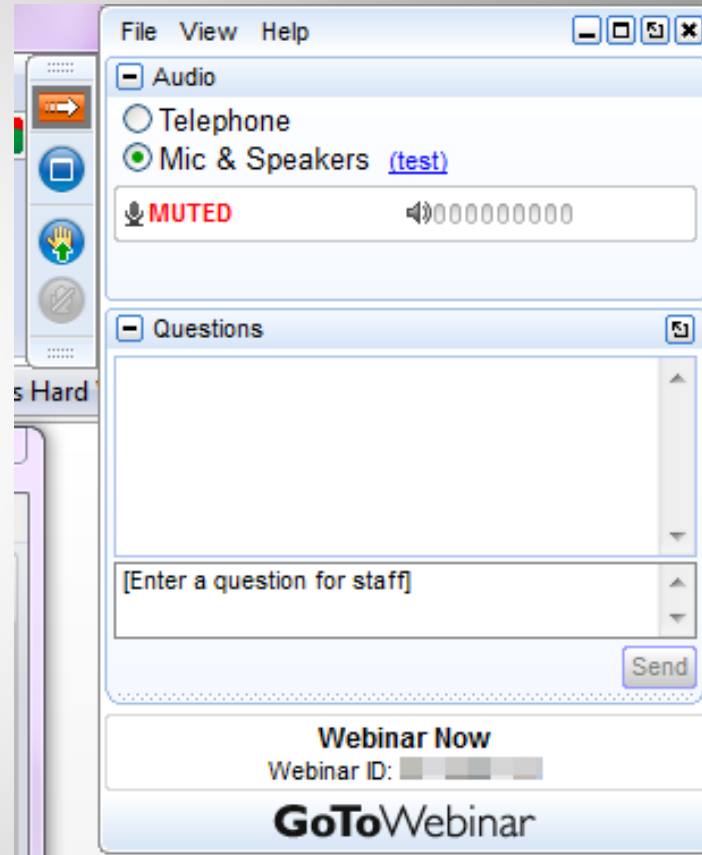


Why text-based mentoring:

- Convenient for moms and mentors
- Approach shown effective in interventions seeking to improve outcomes such as school-parent communication and successful college enrollment and persistence
- Relationships matter

Q&A for all Panelists

Type your questions in the question box:



We Teach Science



Our Mission

Motivate, inspire and mentor American public school students to achieve excellence in the disciplines of math and science.

What we do is connect STEM, Finance, and Marketing professionals with math students for Remote Tutoring and Mentoring

We Teach Science

What is We Teach Science's RTM program?



It's remote

- Live time communication over the internet

It's tutoring AND mentoring

- Math or science tutoring AND mentoring for an underperforming 6th-10th grade math student for the entire academic year

It's effective

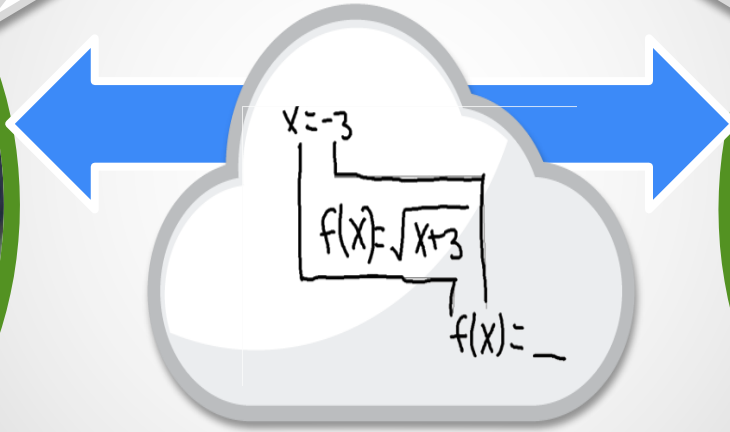
- Improved current and longitudinal academic scores
- Increased self confidence
- *I want to thank her for everything she has done for me these past few months she has helped in every-way, inside and outside of school. She is a great and beautiful mentor.*

Tutoring and Mentoring

we teach science
FOUNDATION

How do I find
the value of X?

Let's try this
method...



Remote
Tutoring & Mentoring

Collaborative Mentoring Webinar Series

We Teach Science Goals



What are the RTM Program Goals?

- Improved class performance
- Increased confidence
- Increased interest in math and science careers
- Develop appropriate student relationships with a caring and thoughtful adult

we teach science
FOUNDATION

iCouldBe: Mission & Scope



Provide at-risk middle and high school students with an online community of professional mentors, empowering teens to stay in school, plan for future careers, and achieve in life.



21,000

Students
Served
Since 2000

250+

Public
School
Partners

240,000

Mentoring
Hours
Since 2000

2,100

Students
Served
This Year

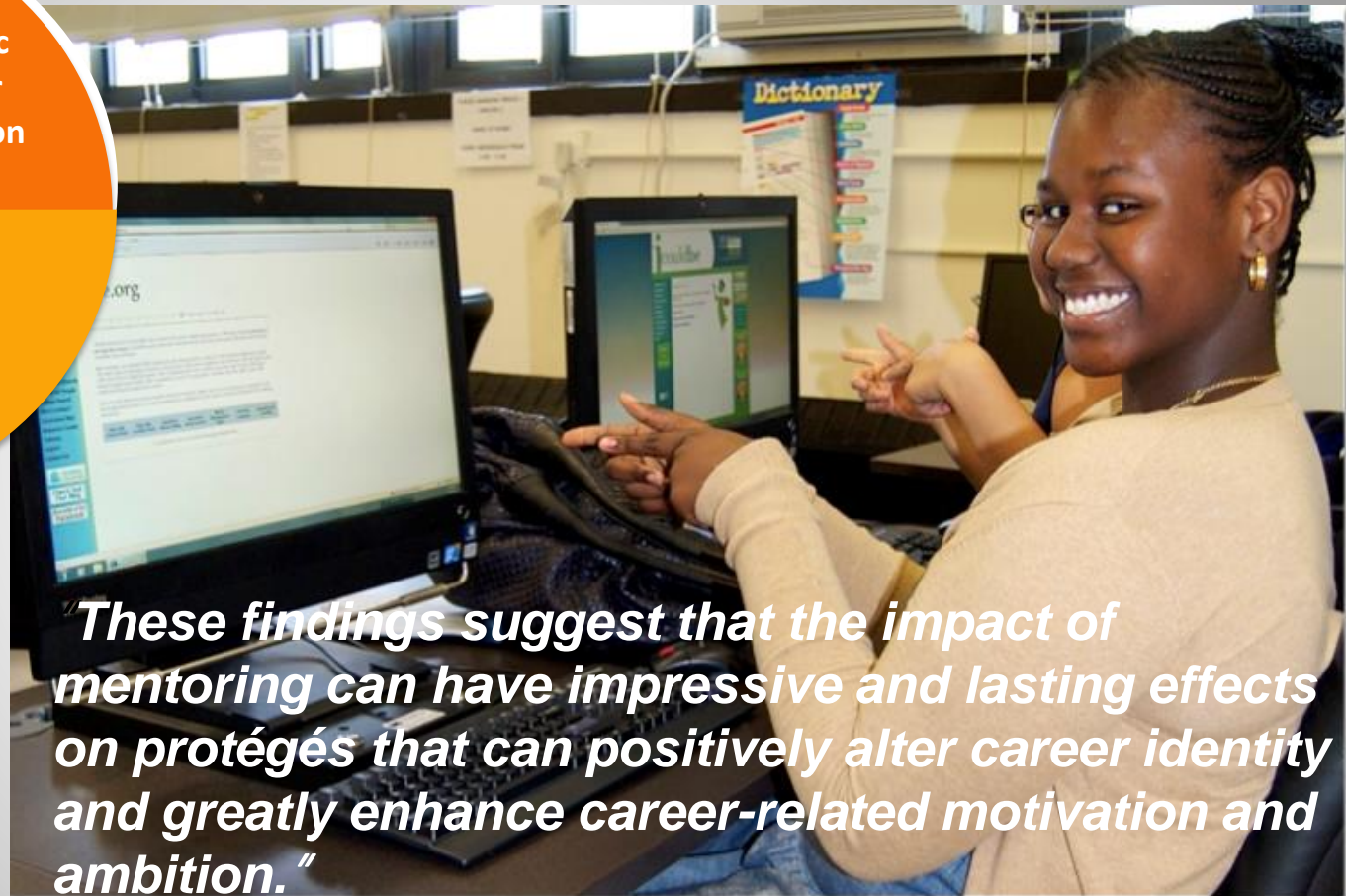
11.6

Average
Mentoring
Hours Per Mentee
Per School Year

Mentee Outcomes and External Evidence



Published findings by mentoring researchers from Drexel University from 2010 and 2013 prove that iCouldBe has excelled at creating a structured research-backed curriculum that significantly improves students efficacy, confidence, and decision making skills, and enhances protégé's post-program career aspirations.



"These findings suggest that the impact of mentoring can have impressive and lasting effects on protégés that can positively alter career identity and greatly enhance career-related motivation and ambition."

Linnehan, F., DiRenzo, M.S., Shao, P., Rosenberg, W.L, A Moderated Mediation Model of e-mentoring, Journal of Vocational Behavior, (April, 2010)] and [DiRenzo, M.S., Weer, C.H.& Linnehan, F., Protégé Career Aspirations: The Influence of Formal E-mentor Networks and Family based Role Models, Journal of Vocational Behavior (2013), doi:10.1016/j.jvb.2013.02.007].

Curriculum: 80+ Engaging Structured Activities



Interactive Activities Bring Conversations To Life

1

CHECK THIS OUT

"To thine own self be true"



William Shakespeare
English poet and playwright, Hamlet, 1603



*"But I choose to be more and deny nothing
I come from where I come from
Immigrant parents with broken English
Streets of rap and slang
And I choose to read and understand
...Shakespeare."*

Elizabeth Acevedo
Poet, Edgemoor, 2007

2

START THE CONVERSATION

- In the video Elizabeth talks about where she comes from and choices she has made. Describe how your background and where you came from affected one recent choice you made related to school or your personal life.



"Education is the most powerful weapon which you can use to change the world."

Nelson Mandela
Former President of South Africa and anti-apartheid revolutionary

Career Of A Video Game Designer



Age	15	20	30	40	50
Job	Baby-sitter	Stock Clerk	Customer Service Rep	Computer Programmer	Video Game Designer
Job Description	Provide temporary care to one or more children in a private household. Perform a variety of tasks, such as cleaning, feeding, bathing, and dressing only.	Receive, store, and issue sales floor merchandise. Stock shelves. Take, issue, and follow up with merchandise and arrange merchandise display to attract customers. May periodically take physical count of stock in check-out mark merchandise.	Interact with customers to provide information in response to inquiries about products and services, and to handle and resolve complaints.	Create, modify, and test the code, forms, and script that drive computer applications to run. Work from specifications drawn up by software developers or other individuals.	Design core features of new games. Specify interactive game and non-play mechanics, story lines, and character behaviors. Create and monitor design documentation. Create and collaborate with production staff to produce games as designed.
Education	None	Some High School	High School diploma or Bachelor's Degree	Bachelor's Degree or Some College	Master's Bachelor's or Associate Degree
Skills	Good with kids, responsible.	Listening, seeing, speaking, working.	Verbal communication, working solutions.	Problem solving, high math, technical skills.	Problem solving, high math, technical skills.

One Of The Greatest Feelings



Rap star Drake dropped out of high school when he was 15. At the age of 25 he graduated high school.

Education Is Your Right

*"I have the right of education
I have the right to play
I have the right to talk
I have the right to go to market
I have the right to speak up."*

Malala Yousafzai
13 year old girl, Pakistan



"Lock up your libraries if you like; but there is no gate, no lock, no bolt that you can set upon the freedom of my mind."

Virginia Woolf
English Writer
From A Room of One's Own

Benefits of Tech in Mentoring

Unique Benefits

- Curriculum is research based
- Tracking of “substantive interventions”
- Increased candor in communication
- Highly secure
- Unlimited matching potential
- Data-based outcomes



SWOT of TECH

Strengths

- Equalizes mentors impact
- No travel = less time

Weaknesses

- Depends on access to tech
- Bonding IRL

Opportunities

- Mentors stay connected after end of relationship
- Mentors travel virtually outside comfort zones

Threats

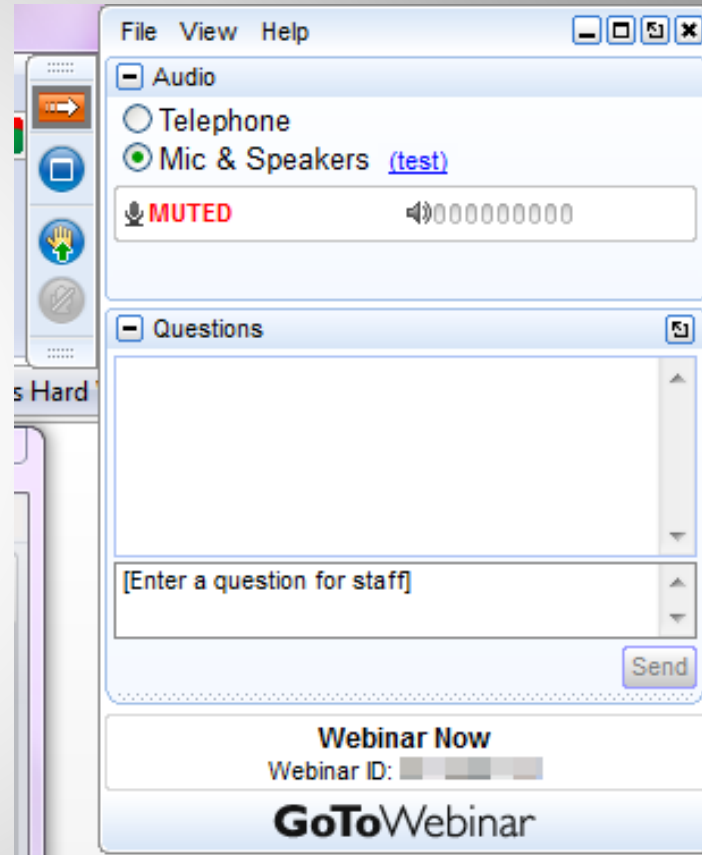
- Unlimited access to mentor
- Implementation without planning

The Future of Tech & Mentoring



Q&A for all Panelists

Type your questions in the question box:



Additional Resources



National Mentoring Resource Center

Apply for no-cost help for your mentoring program

www.nationalmentoringresourcecenter.org

Mentoring Connector

Recruit mentors by submitting your program to the Mentoring Connector (previously called the VRS)

<https://connect.mentoring.org/admin>

Additional Resources

Castleman, B. L. & Page, L. C. (2014). *Summer melt: Supporting low-income students through the transition to college*. Cambridge, MA: Harvard Education Press

<http://hepg.org/hep-home/books/summer-melt>

iCouldBe:

www.icouldbe.org

We Teach Science

www.weteachscience.org

Nurture PA:

www.nuturepa.org

Infinite Family

www.infinitefamily.org

Remember...

After the webinar:

- Please help us out by answering survey questions at the end of the webinar.
- Everyone will get an email with information on how to download the slides, recording, and resources on the CMWS webpage on the MENTOR website:

http://www.mentoring.org/program_resources/training_opportunities/collaborative_mentoring_webinar_series/

Stay Connected

- Email us at collaborativewebinarseries@mentoring.org
- Tweet with hashtag #MentoringWebinar
- Visit our webpage on the MENTOR website for past and upcoming webinars:

The screenshot shows a web browser window with the URL www.mentoring.org/program_resources/training_opportunities/collaborative_mentoring_webinar_series. The page features the MENTOR logo (National Mentoring Partnership) with the tagline "Expanding the World of Quality Mentoring". Navigation links include HOME, ABOUT MENTOR, START A PROGRAM, PROGRAM RESOURCES (highlighted), GET INVOLVED, NEWS & RESEARCH, and SUMMIT 2015. A search bar and social media icons (Facebook, YouTube, Twitter, Email, LinkedIn) are also present. The breadcrumb trail reads: > Home > Program Resources > Training Opportunities > Collaborative Mentoring Webinar Series. The main heading is "Collaborative Mentoring Webinar Series". The text describes the series as a partnership between MENTOR and several regional mentoring organizations, including the Maryland Mentoring Resource Center, Indiana Mentoring Partnership, Kansas Mentors, the Mentoring Center of Central Ohio, the Mentoring Partnership of Minnesota, Oregon Mentors, and the Mentoring Partnership of Southwestern Pennsylvania. The series focuses on strengthening mentoring practice, sharing resources, and putting research into practice. Collaborating partners listed include MENTOR, mentoring partnership, Big Brothers Big Sisters of the Greater Chesapeake, and Indiana.

Join Us Next Month!



Career Focused Mentoring
March 17, 2016
1 - 2:15 pm Eastern



Collaborative Mentoring Webinar Series