



INNOVATEBIO

National Biotechnology Education Center

Envisioning the Next Bioscience Workforce:
A Summit on Industry Trends and Needs
Washington, DC
June 26-27, 2023

Welcome

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Executive Director

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Funded by the National Science Foundation's Advanced Technological Education Program

Department Chair, Biotechnology, Austin Community College



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Why INNOVATEBIO?

Focused on creating the biotechnician workforce through 2-year institutions

This career path starts with middle school biotechnology awareness, builds through college, and continues toward advanced degrees and other paths

BIOTECHNOLOGY CROSSES MANY CAREER PATHS

INNOVATEBIO networks over 100 two-year biotechnology programs, high schools, colleges and universities, industry, manufacturing institutes, and nonprofits



Why Now?

Why in Washington DC?

The Repeated Call for Collaboration and Action

- President Biden's Executive Order
- OSTP's Report: Bold Goals for U.S. Biotechnology And Biomanufacturing
- Coalition for State Bioscience Institutes Workforce Trends Reports
- Reports Issued by the Manufacturing Institutes

Yet...Barriers that existed over 20 years ago remain!



Who Was Invited and Why?

- Government
- Industry
- Nonprofits
- Education
- Alumni
- Students

▶ STATE TEAMS



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A Special Thank You!

- ▶ Dr. Celeste Carter, Program Officer, Advanced Technological Education Program, National Science Foundation
- ▶ Dr. Richard Rhodes, Chancellor, Austin Community College and Dr. Molly Beth Malcolm, Vice Chancellor of Operations and Public Affairs
- ▶ Center for Occupational Research and Development (CORD)
- ▶ Coalition of State Bioscience Institutes (CSBI)
- ▶ INNOVATEBIO Leadership Team

CSBI Workforce Trends Report

June 2023

“...over half of
industry occupational
roles can be filled by
individuals with
less than a
4-year-degree.”



What a Day Ahead

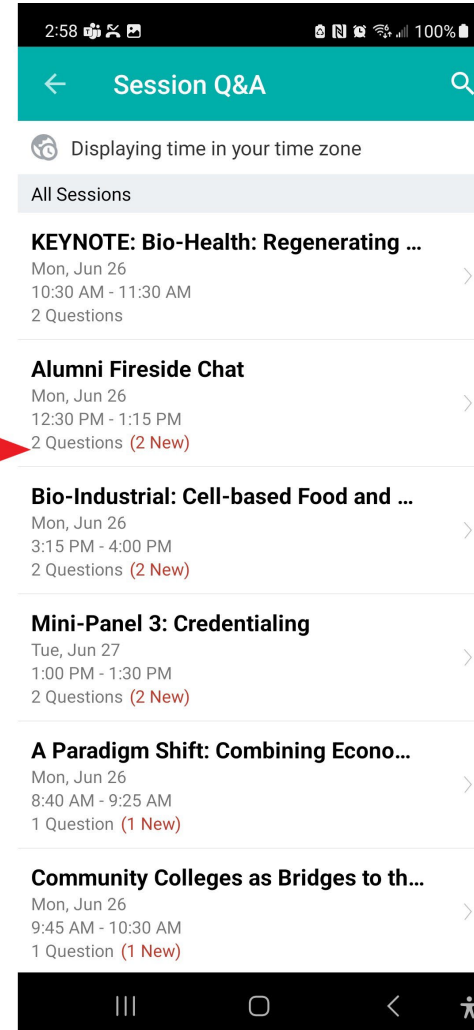
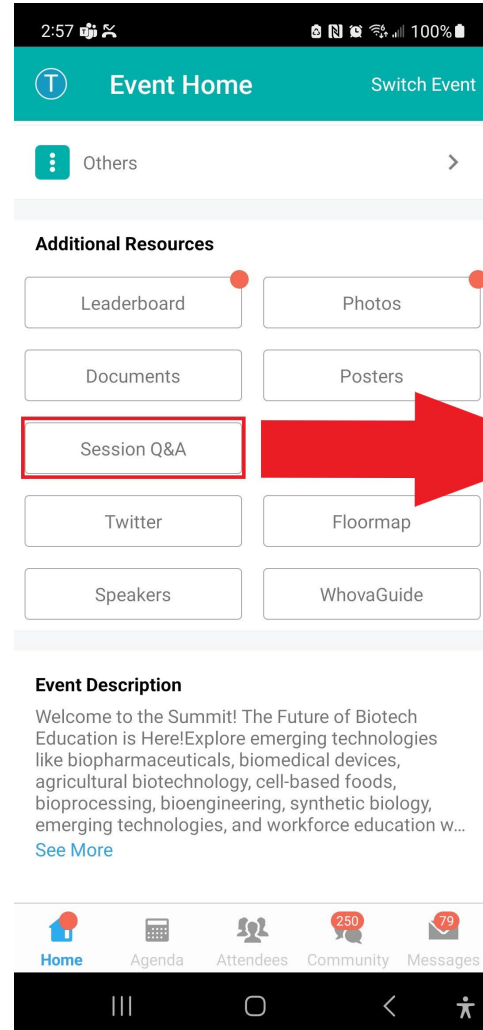
- ▶ Enjoy the National Academies of Science
- ▶ Take Advantage of Time Together
- ▶ Network and Share
- ▶ Visit Student Poster Presentations
- ▶ Give Yourself Permission to Dream Big for the Future Bioscience Workforce!

Summit App: Using Whova to Collaborate

- ▶ Network with Colleagues from Across the Country
- ▶ Pose Questions to Our Speakers:
 1. Open the Whova App
 2. On the **Home** Page scroll down to **Additional Resources** and select "**Session Q&A**" button.
 3. Find the desired session and tap on it to ask questions.



Mobile App Session Q&A





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Special Guests

Daniel Goroff, PhD, Deputy Director for Science and Society,
White House Office of Science and Technology Policy (OSTP)

Joanna Mikulski, Senior Policy Advisor, Labor and Higher
Education, Domestic Policy Council



Today's Moderator



Bryant Moore, Ph.D.

Disclaimer



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