What is your role?

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Roundtable Discussion:

Culturally Responsive Work-Based Experiences for Underserved Information Technology Undergraduates

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Goal 1: Share and discuss challenges related to work-based experiences in IT

Goal 2: “Workshop” potential solutions for high impact WBE practices

Goal 3: Reactions and Reflections about what we discussed and workshopped
Work-based Experiences in IT

Source: https://www.phoenixcollege.edu/wbe
Goal 1: What are your challenges related to IT work-based experiences for undergraduates?

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Culturally Responsive Work-based Experiences in IT
Benefits of Culturally Responsive Work-Based Experiences

Digital Divide Case Study

“The externship was life changing”
- Student participant

Technical Learning
- Technology Landscape & Terms
- Compare Vendor Solutions
- Work with equipment, Hands-on
- Assemble and Test

Value
- Video instructions for high schoolers to use digital divide equipment at home
- Shared cultural wealth in High School District’s implementation conversation at final demo

Cultural Sharing
- Week 1 Culture Share: externs gained appreciation of cultural similarities and differences

Career Development
- Teamwork
- Presentations
- Communication
- Week 12: Customer Demo
- Week 12: Career Development Conversation
- Resume/ Interview before WBE
PHOENIX COLLEGE
A MARICOPA COMMUNITY COLLEGE

Hands on Learning during the Digital Divide WBE

Center for Broadening Participation in STEM
High Impact CR
WBE Practices

1. Recruiting: Intentionally target underserved students in CIT

1. Hiring: Pay Students as Employees during WBEs, Practice interviews

1. During the WBE:
   - Flexibility in Scheduling
   - Access to Basic Needs Services
   - Hybrid Delivery
   - Explicit Structure and Regular Communications
   - Peer Mentoring
   - Learning the technology along with the social
     - Student Leadership Enablement through Soft Skills
     - Room for Culture Sharing
   - Industry mentors willing to spend time contributing to externs’ professional development
Goal 2: “Workshop” potential solutions for high impact WBE practices. Share existing or planned work-based experiential learning programs or strategies at your institution or workplace that map to challenges / themes we just discussed.
Goal 2: Describe potential solutions for high impact CR WBE practices

Work in small groups of 2 or 3
Start by Identifying a challenge to work on.

Think about these items in discussing solutions:

- What does your solution provide?
- For who?
- What are resources and/or tools you know of or could use?
- Benefits of solution
- How does solution incorporate culturally responsive practices?
- How does solution contribute to high quality WBEs?
- How does solution improve upon existing practices?
- Does solution apply in contexts beyond HSIs or is it unique to HSIs?
- What are some initial steps to implementing the solution?
- How would you measure success of solution implementation?

Use this google doc template: qrfy.com/p/tlQkgZd
Who would like to share highlights from their group discussion?

qrfy.com/p/tIQkgZd
Goal 3: Reactions and Reflections about what we discussed and workshopped: Describe any insights, surprises, common patterns, uniquenesses, differences, and other things that excited you or you want to learn more about.
Please share your email if you want us to send a report from today's session.
Audience Q&A Session

Start presenting to display the audience questions on this slide.
Thank you for your interest!!

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