A DESIGN FRAMEWORK TO AMPLIFY STEM FACULTY AGENCY TOWARDS EDUCATIONAL LEADERSHIP AND INNOVATION

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WELCOME INTERACTIVE DESIGN WORKSHOP

Join a table and share your HSI context:

Your name, role, and one thing that you appreciate about the faculty at your institution.

DESIGNING FACULTY DEVELOPMENT INDIVIDUAL REFLECTION: ACTIVITY

What are the decisions you make to design a faculty development program at your institution?

Reflect individually - add one decision per post-it.

DESIGNING FACULTY DEVELOPMENT AFFINITY MAPPING: ACTIVITY



DESIGNING FACULTY DEVELOPMENT AFFINITY MAPPING: DEBRIEF



What are the <u>decisions</u> you typically make?

THE AMPLIFY PROJECT HISTORY: RETHINKING ENGINEERING EDUCATION AT HSIs

3 MULTI-DAY WORKSHOPS UNDERGRADUATE **41 ENGINEERING EDUCATION EDUCATORS** Identified a need to explore perceptions of Engineering Instructional Faculty (EIF) NSF DCL: Improving Undergraduate STEM Education in HSIs. (NSF Award #s: 1764378, 1764249, and 1764166.) 17 HSIs & **EMERGING HSIs**

THE AMPLIFY PROJECT NOW: DEVELOPING EIF AS LEADERS OF EDUCATIONAL CHANGE



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THE AMPLIFY PROJECT NOW: DEVELOPING EIF AS LEADERS OF EDUCATIONAL CHANGE

CASE STUDY INTERVIEWS Perspectives of EIFs

EDUCATIONAL DEVELOPMENT LIT. REVIEW Scholarship, CTL inventory, affinity mapping

EIFs are pursuing professional development to better support their <u>students</u> at HSIs.



The decisions that are made impact how STEM faculty pursue professional development.

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INPUTS THAT DRIVE FACULTY DEVELOPMENT DECISIONS



DESIGN FRAMEWORK

THE AMPLIFY INSTITUTE APPLYING THE FRAMEWORK TO DESIGN THE INSTITUTE



A self-sustaining, within- and crossinstitutional faculty development model that equips engineering instructional faculty and amplifies their leadership of educational change at HSIs.

The AMPLIFY Institute will seek to support and amplify EIF efforts towards servingness at HSIs, including many non-academic outcomes

Review the AMPLIFY Institute handout at your table.

THE AMPLIFY INSTITUTE CRITIQUE THE DESIGN FRAMEWORK: ACTIVITY

What would you use, dismiss, change about the AMPLIFY Institute in your institutional context?

THE AMPLIFY PROJECT RESOURCES & PUBLICATIONS

Developing EIF as Leaders of Educational Change at Hispanic Serving Institutions <u>utep.edu/engineering/amplify/</u>(Available April 2022)

Rethinking Engineering Education at Hispanic Serving Institutions <u>eel.utep.edu/HSI/</u>





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