

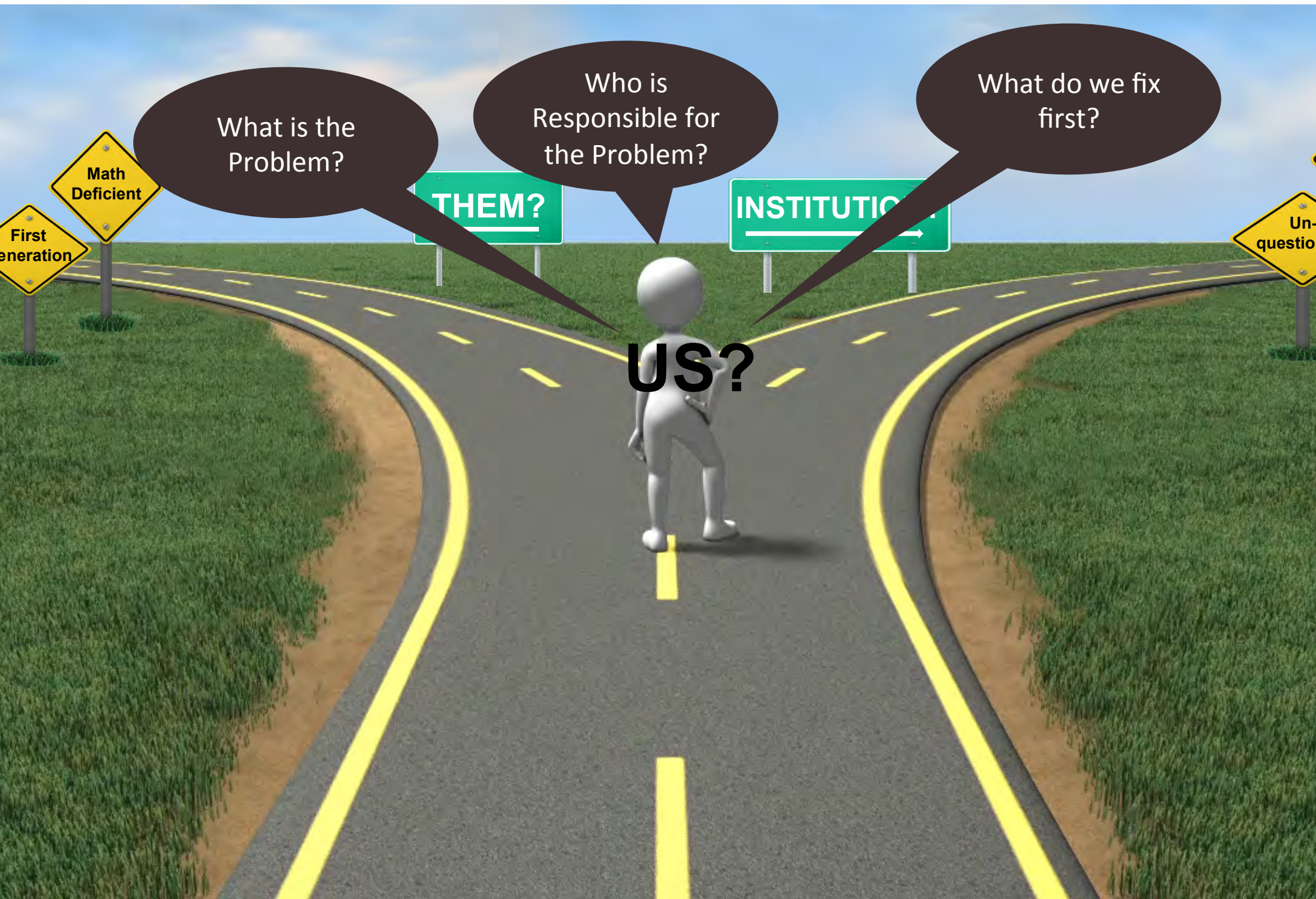
# That None Shall Perish

Expanding Undergraduate Success in STEM



## *Presentation...*

- ~~Does not provide answers~~
- ~~Will not solve the problem...today~~
- ~~Does not provide any list of things to do~~
- ~~Blames no one~~



What is the Problem?

Who is Responsible for the Problem?

What do we fix first?

THEM?

INSTITUTION

US?

First generation

Math Deficient

Un-question

Them?



# Us?

I really think we are missing out in our...learning when **we leave out discussions of how we feel about the subject...it would help our learning I think to discuss these feelings so we can help each other through them.** Growing up I was constantly reminded to listen to my heart and to compare my own thoughts and feelings with those around me. **A whole aspect of our learning is missing when we don't apply our feelings and those of our instructors and peers in classes to what we are studying.**

*Hispanic STEM Student*

I really wish my instructors would take time in classes to **let us think, especially before they ask us to respond to them or to discuss with peers.** I feel foolish because I've always had that at home... I know that my professors think I'm not very smart because my hand doesn't shoot up in the air immediately when they ask a question. **At home, those who talk a lot are usually considered less wise but college is all about who gets in the first word.**

*Native STEM Student*

*Chávez, A. , et al., (2012). Clan, Sage, and Sky: Indigenous, Hispano, and Mestizo Narratives of Learning in New Mexico Context. Am Educ Res J 2012 49: 775*



ution?



Equality



Equity



Inclusion

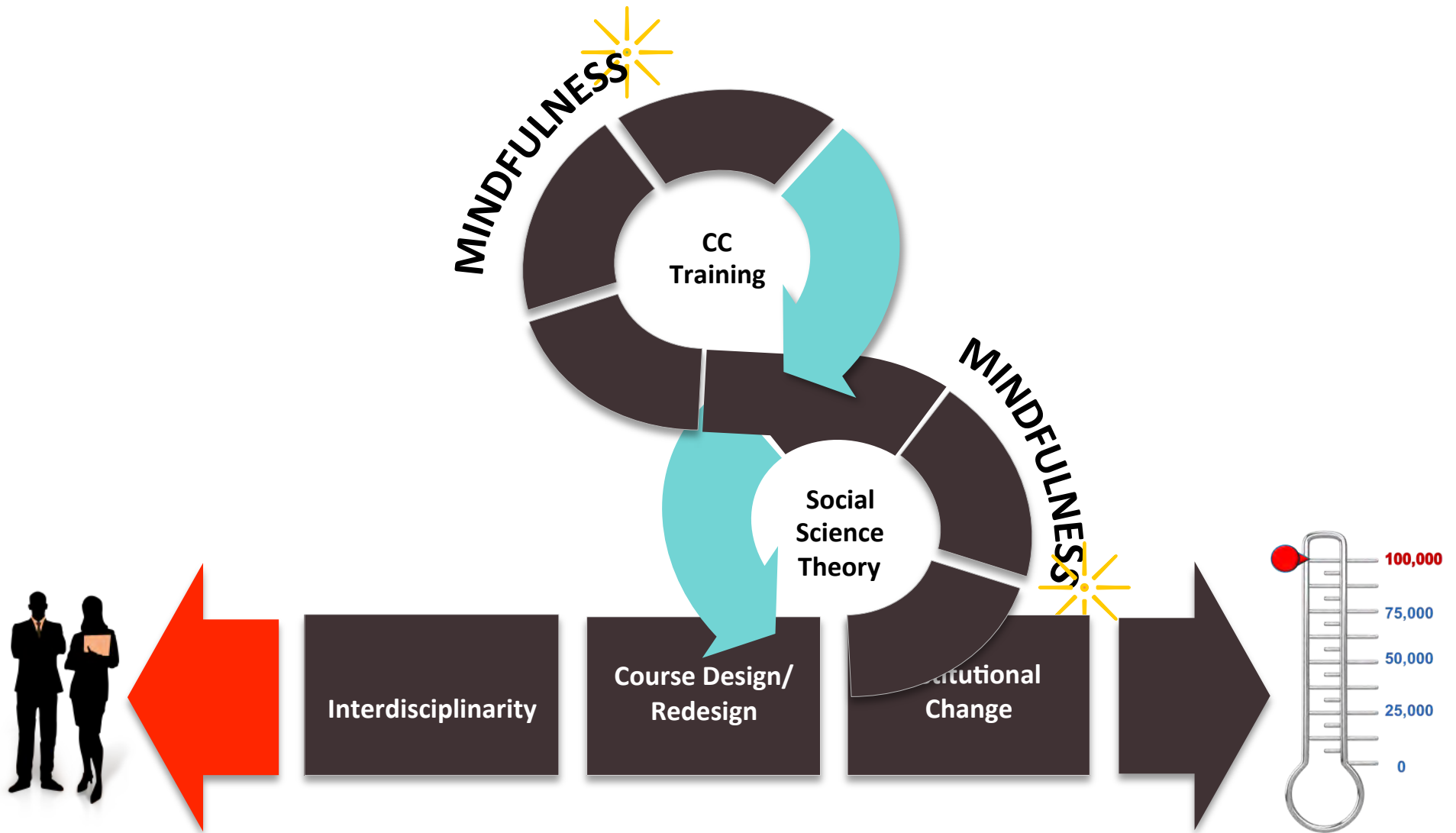




Make *it* an end goal and, more importantly, a *core dynamic stance* taken to ensure that institutions and individuals are predisposed and positioned to desire, foster, recognize, and require the actions and outcomes that are: (1) *necessary* for inclusion, and (2) *indistinguishable from excellence* in scientific discovery and innovation.

**If it's not inclusive, it's not excellence.**

# C&U TIDES



# TIDES: YEAR 1



Purple	Red
Orange	Black
Green	Orange
Black	Red
Yellow	Green
Blue	Orange
Yellow	Purple
Green	Blue
Blue	Red

Yellow	Green
Black	Red
Purple	Blue
Orange	Orange
Blue	Green
Green	Red
Blue	Black
Red	Purple
Yellow	Orange