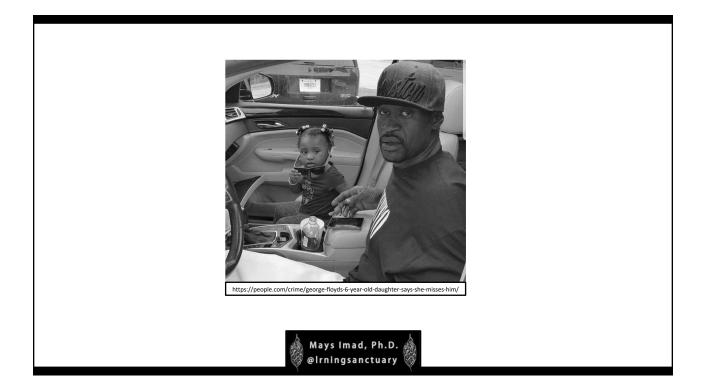




Remember the moon, know who she is. Remember the sun's birth at dawn, that is the strongest point of time. Remember sundown and the giving away to night. Remember your birth, how your mother struggled to give you form and breath. You are evidence of her life, and her mother's, and hers. Remember your father. He is your life, also. Remember the earth whose skin you are: red earth, black earth, yellow earth, white earth brown earth, we are earth. Remember the plants, trees, animal life who all have their tribes, their families, their histories, too. Talk to them, listen to them. They are alive poems. Remember the wind. Remember her voice. She knows the origin of this universe. Remember you are all people and all people are you. Remember you are this universe and this universe is you. Remember all is in motion, is growing, is you. Remember language comes from this. Remember the dance language is, that life is. Remember.

Remember the sky that you were born under, know each of the star's stories.

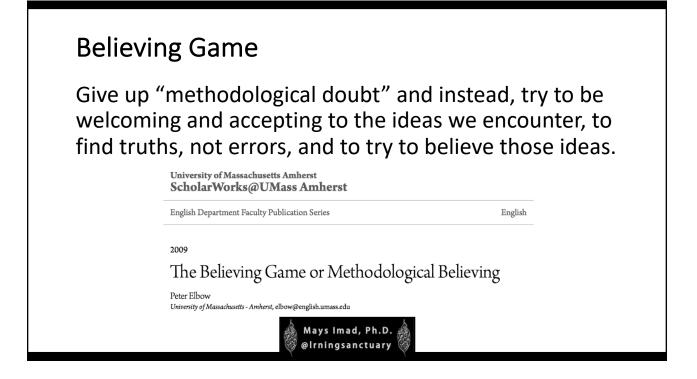


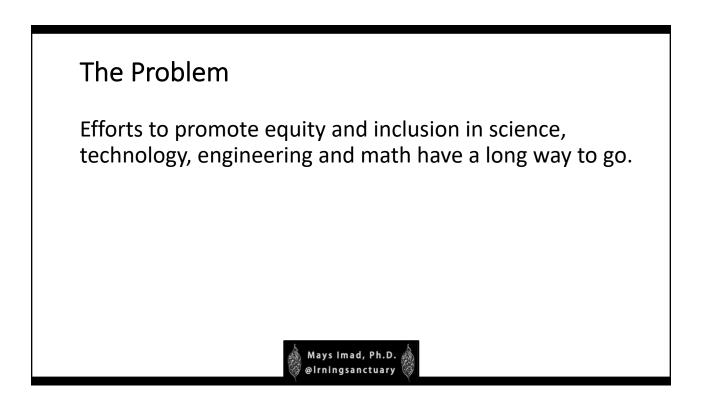
Today's Seminar: What's the problem? Why are we here today? Inner landscape of inclusion, equity, and justice. An Invitation. Discussion.

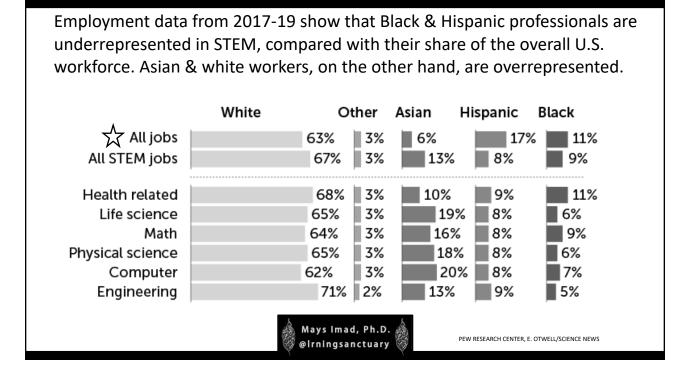
Starting Points & Assumptions:

- I am: Muslim, Survival of Wars, Refugee from Iraq, English ≠ first language, CC Educator, Colonized, and Settler Colonizer.
- While I will speak to inclusion and equity in general, I will center our Black and Indigenous brothers and sisters.
- I assume that you are here because you care about inclusion and equity and are willing to work to correct past and present unjust systems.
- I assume you will hear things you won't agree with; when that happens I invite to engage in the "believing game."









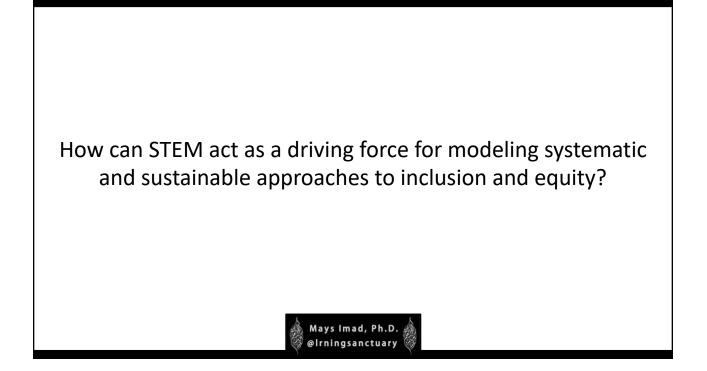
"Racism, I often say, is a form of theft. Yes, it has justified the theft of land, labor, and life throughout the centuries. But racism also robs us of our relationships, **stealing our capacity to trust one another**, ripping away the social fabric, every anonymous post pilfering our ability to build community." – Ruha Benjamin

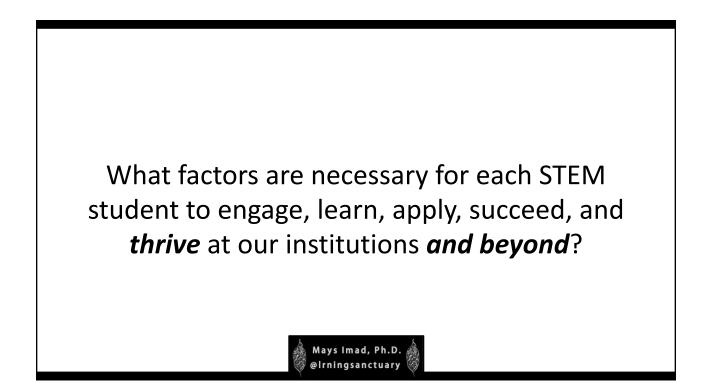


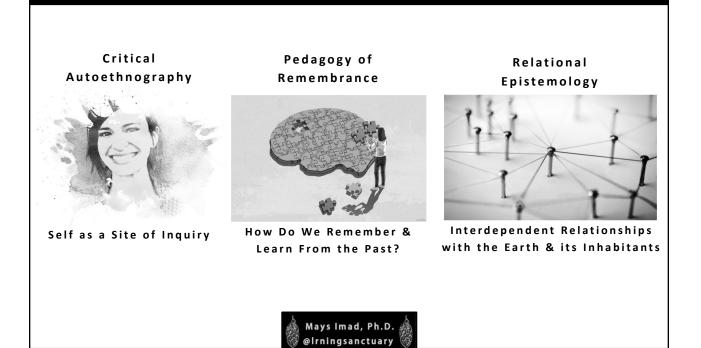


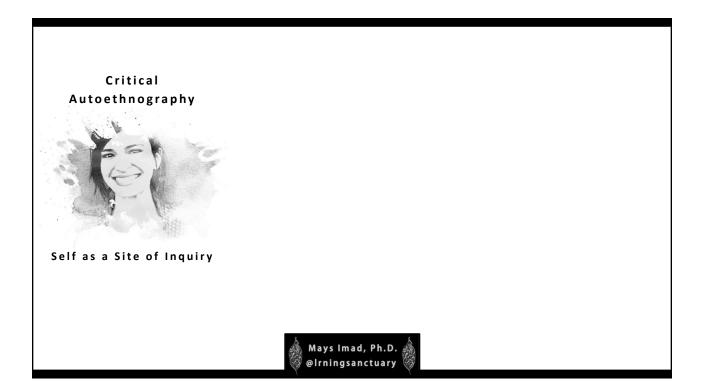
"[W]hat we are really dealing with and what we are really engaging is our **own otherness**. In other words, each one of us is other to ourselves and how you relate to others is one of the most decisive question of your life." – John O'Donohue

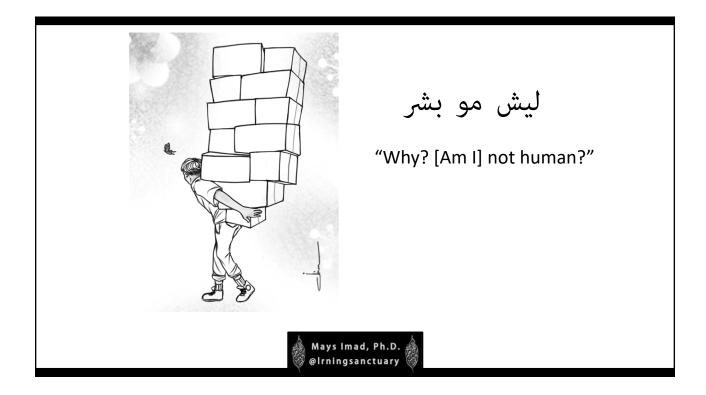








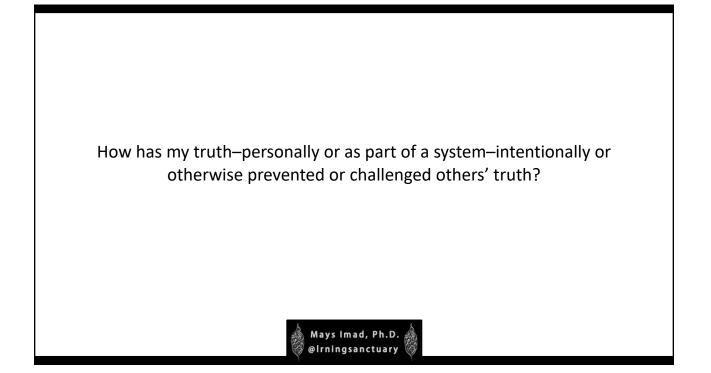


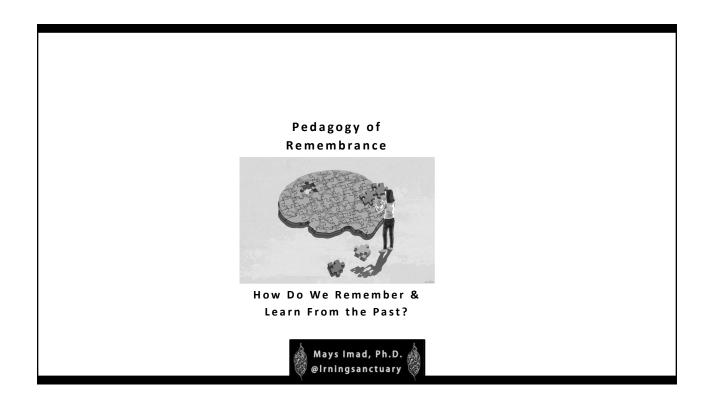












Salient Questions:

- Science was used to justify and inculcate the construct of race as caste.
- Science education has remained silent, overwhelmingly so, with respect to the point above. A person is silent because:
 - One doesn't care.
 - One doesn't know.
 - One doesn't feel comfortable or empowered to speak up.
- Educational and funding policies are now used to maintain the racial-caste system.

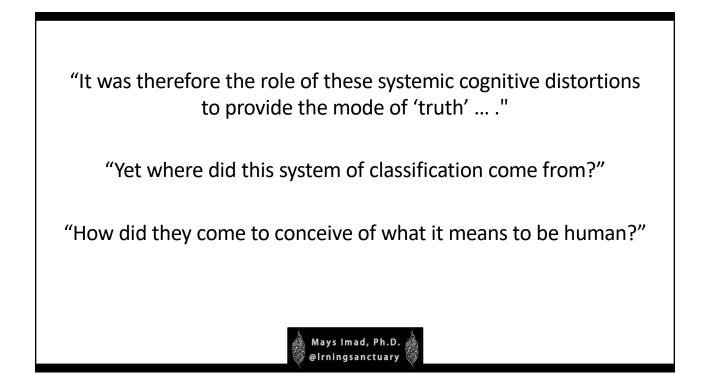


In the 1980s, the Los Angeles police and law enforcements used the acronym "NHI" to informally classify cases involving the murder of sex workers, drug users, gang members, or homeless persons, the majority of those from Black and Brown populations. Those cases were given low or no priority because their victims are regarded as having a low or no social status.

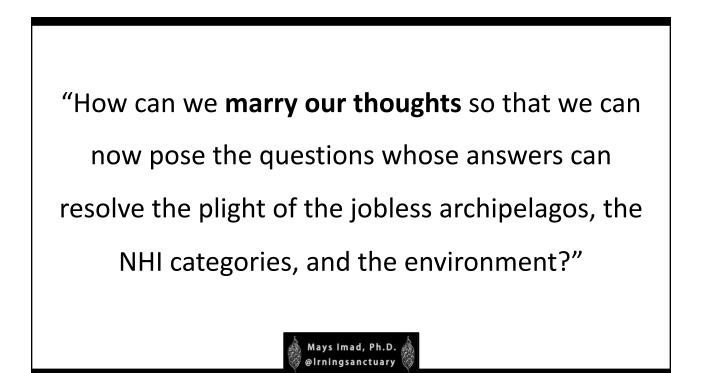
"No Human Involved."



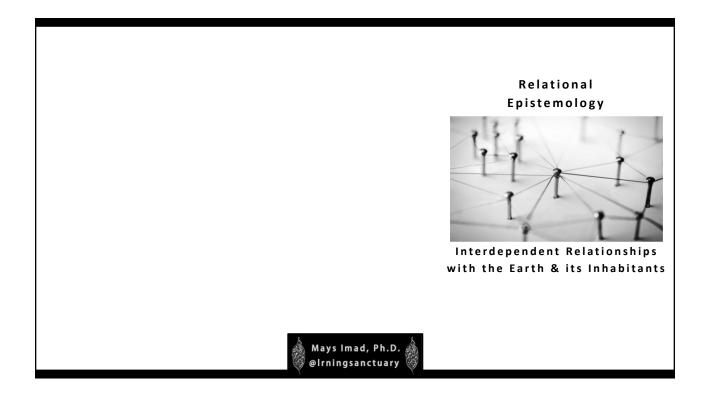














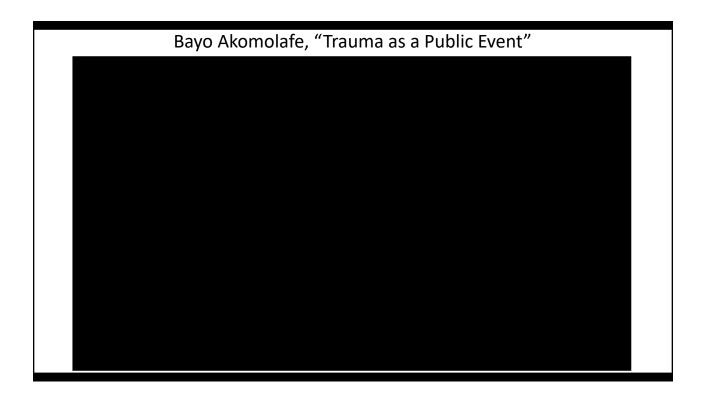
المر مرات اخيه

"A person is a mirror to another person"

We are part of an ecology and the unit of assembly is not me or you or them but the **connection between and among us**.

Forecast the consequences of our actions and interactions.





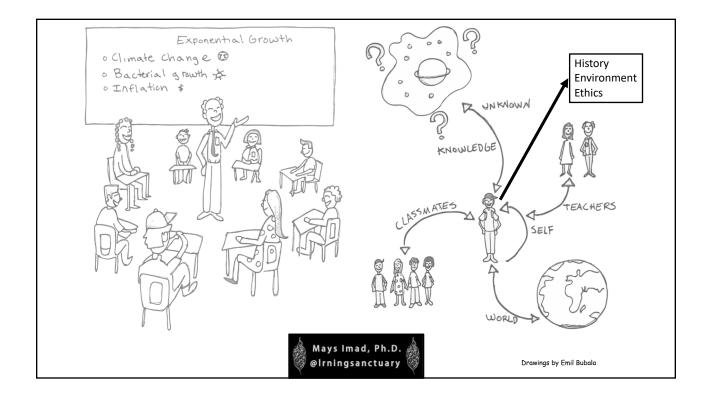


"Despite hundreds of initiatives and millions of dollars that were used to reduce the gender and racial gap in STEM education, nearly twenty years later, we still have a major disparity in STEM education. Why do you think that is the case?"

- 1. It takes more than money to solve that problem. (22.1%)
- 2. We need more funding. (7.8%)
- 3. We need representation. (11.8%)
- 4. There is no gap. (20.6%)
- 5. Some people don't have what it takes to become a scientist. (19.1%)
- 6. I don't know. (4.9%)
- 7. No response. (13.7%)



Imad, PCC, in preparation.

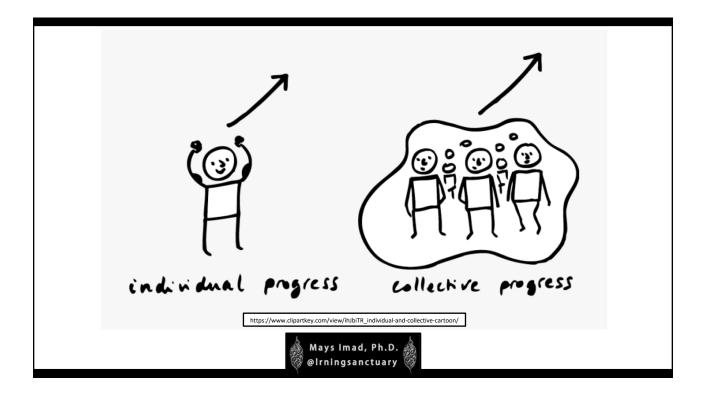


The Problem

Efforts to promote equity and inclusion in science, technology, engineering and math have a long way to go.

How do we go beyond inclusion and attend to healing through truth-telling and accountability and resisting systems of oppression and building systems of co-liberation?





Self:

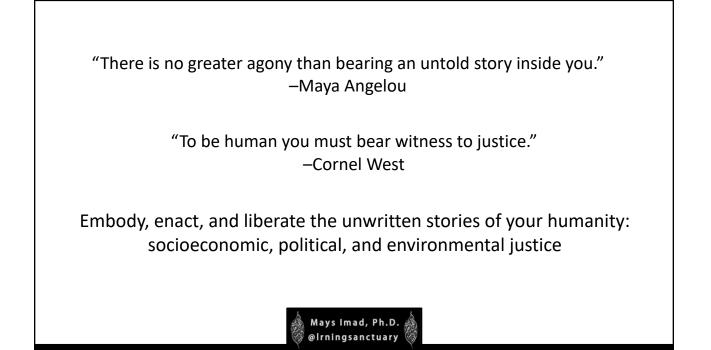
For me, this work is necessarily spiritual. I could not bypass the critical step of self-work. I have to continue to ask difficult questions, about the utility and ontological reality of truth and justice. I invite you to consider the following:

Self:

- 1. Why is this work of diversity, equity, and inclusion important to you personally? Why is DEI not enough?
- 2. What makes you uncomfortable about this work? Why? Sit with that discomfort. Understand it and let it guide your evolution.
- 3. Resist expediency. Question traditional and binary assumptions. It's important to pause.
- 4. How does your truth impact or challenge the truth of others? How might it replicate systems of oppression and injustice? How must I be in order for other's to be free? To thrive?
- 5. This is tough work. Apply the same rigor to equity and co-liberation as you do to your experiments and scientific inquiry. Don't settle.

System:

- 1. Re-examine the curricula: from anthropocene, dualistic fallacy, scientific reductionism to an interdisciplinary and more expansive notion of what it means to be human and to be alive. Why must we learn about and consider an Indigenous notion of causality? Of knowing?
- 2. What harms have we directly or indirectly caused? Implicitly or explicitly? Make a list and study it.
- 3. Interrogate the various consequences of exclusion from STEM. Examine and advocate for the education debt we in STEM higher education still need to pay back.
- 4. How do we move from truth and bearing witness to accountability and reparation not merely from a philosophical perspective but also from a practical lived experiences and consequences in the world.
- 5. Engage in leadership and political positions. Ask questions. Make beautiful troubles. Ask your institutions where their money come from or go towards. Advocate for more than land acknowledgment statements-divestment from and boycotting entities that perpetuate systems of oppressions.



STOP HERE