Leaders for Tomorrow

ENGR 401
Grass Root Problems

Structural Bias

Implicit Bias → Diversity Disparity in Engineering → Stereotype
Structural Bias / The network

Diagram showing relationships between various social factors including:
- School Segregation
- Neighborhood Segregation
- Disparities in Test Performance
- Disparities in Access to Higher Education
- Disparities in Criminal Justice
- Racial Stigma
- Labor Market Disparities
- Disparities in Economic Status
Implicit Bias
Stereotype
Diana’s Story
What We’ve Learned

- Structural bias, implicit bias, and stereotypes obstacles for diversity
- As minorities and through experience, we’ve learned about these obstacles
- Be aware
- Apply what we’ve learned to improve future
- Share the knowledge
Road Map & Impact

- Form a club.
- Identify problems and possible solutions
- Approach local schools and discuss disparity in STEM.
- Spread awareness of disparity among members and the public.
- Try to apply solutions
- Reflect on results of solutions
Questions?