Enhancing equity in the first-year chemistry laboratory through a targeted pre-term laboratory foundations event (LFE)

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THE CHALLENGE:
High school lab exposure varies

OUR SOLUTION: LFE for students with minimal or no prior lab exposure

PROJECT GOALS
Enhance equity and inclusion for students with minimal lab experience
Decrease student stress and increase accessibility in the lab
Develop LFE and determine its efficacy
Ultimately, increase diversity and accessibility in the field of chemistry

EVALUATING OUR SOLUTION
1. Pre-semster Survey
   Determine LFE participants
2. Mid-Semester Survey
   Defining student stress and anxiety
3. End of Semester Survey
   Mapping continuity and change

WHAT’S NEXT?
2024 will mark the launch of the LFE pilot. The same three surveys will be collected to compare student experiences with and without the LFE. Prior to the LFE a training session will be held for all UTA and GTA mentors assisting in the pilot.