**Goals:**
1. Understand and improve how the Institute for Professional Learning (IPL) model leads to improved self-efficacy and goal setting related to pursuit of STEM careers for students of color and girls.
2. Develop an instrument that can be used to test the IPL model more broadly

**Project type:** Exploring Theory and Design Principles

**Project start/end date:** 2019-2021

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### Strategies:
- **Technology:** Canvas/Schoology
- **STEM Workforce Development**
  - Project-based learning
  - High demand industry aligned strands
  - 21st century skill development
- **Local Industry Partnerships**
  - Inform curriculum development
  - On-demand resource
  - Projects

### Insights & Achievements:
- Student pre-post survey measuring 21st century skill development, general self-efficacy, STEM self-efficacy
- Discrepancies in student experience across sites
  - Role of teachers
  - Counter narratives
  - Race as skin color

### Reconsiderando:
- **What have you needed to reconsider?**
  - Avoid deficit perspective
- **What have you been able to creatively overcome and how?**
  - Deep dive into data
- **What are you still grappling with?**
  - Support the IPL network
  - Survey data