Proposed Work:

1. **Design, conduct, and evaluate an active learning intervention:** In collaboration with WisCEL staff, instructors, and students, I will develop a tool or intervention that guides student reflection on their own learning practices and provides feedback on how best to improve them. If possible, I will work with WisCEL to deploy a randomized control trial to evaluate the effects of the tool.

2. **Bring tool to scale for WisCEL courses:** The tool will be designed such that it can be adapted for implementation in a broad range of WisCEL courses. I will collaborate with WisCEL staff and instructors to implement and evaluate the tool in WisCEL courses.

3. **Translate scientific research on active learning to practitioners and other stakeholders:** To help WisCEL staff, instructors, and students adopt the most effective active learning practices, I will review, synthesize, and present findings on active learning interventions from both educational sciences and discipline-based education literatures. I will also publish and present the results of studies described above to practitioners and researchers.