University at Buffalo
Justice, Equity, Diversity and Inclusion Initiative
School of Engineering and Applied Sciences

EJAC Faculty Development Micro-Grant Proposal Title:

Submission team:

Proposed Curricular Innovation Overview Briefly explain your curricular innovation and which one or more of the following questions it will address? How can a specific engineering problem or concept be situated within a larger social framework? And how might you teach that within a specific engineering course? (for example, Conservation of Linear Momentum) How can the social impact of engineering be introduced within a particular course, unit or lecture? And how might you integrate it into your own classroom practices? What kinds of alternative pedagogical approaches might build a more inclusive classroom? How can you implement and assess those approaches in your own classroom?	**Approach** What course, department, and student group will your proposed ap- proach address? What topics, concepts or pedagogical approaches, specifically, will serve as pedagogical innovations? What is the assignment, activity, or student engagement connected to this proposed curricular innovation Are you proposing a collaborative project? If yes, please explain
Timeline, Support and Collaborations When do you expect your curricular innovation to be implemented? What additional support might you need from JEDI, the OUE, or others to complete the project? Do you need additional materials? If so, ex- plain what materials you might need to implement your curricular inno- vation. Are you requesting additional support for collaborators? If so, please explain.	**Outcomes and Impact** What are the intended outcomes for the curricular innovation? What deliverables will you produce? A lesson, a unit, an assignment? What are your intended outcomes for the course or project and do they connect with the need for a more inclusive, ethical and just approach to engineering? How will you measure impact and outcomes?