Dr. Jennifer DeBoer, Assistant Professor of Engineering Education and Mechanical Engineering at Purdue University, leads a research group striving to improve paths to engineering learning for students in low-access and low-resource contexts. She serves as associate editor for the IEEE Transactions on Education, has been awarded multiple grants and awards from the NSF, NIH, and the American Education Research Association, and received the 2017 ASEE Mara Wasburn Early Engineering Educator Award.

Thursday Nov. 8th
3:30pm – 4:45 pm
Marquez Hall, Room 222

Engineering in Conflict:
Teaching and Learning in the Midst of Trauma

- Is it fair to displaced learners, uprooted because of conflict, poverty, or other major traumas, to be excluded from formal engineering learning opportunities?

- These same fragile contexts often demand engineers’ expertise, but engineers and engineered solutions are often delivered from wealthier countries in the Global North outside of the displaced community.

- Is there a way to use these contexts to provide authentic engineering learning opportunities for displaced communities? If so, how do you address ethics and levels of responsibility?