MCEDC combines education, research, and outreach to provide appropriate and sustainable solutions to the endemic problems faced by the people who are most in need. We train engineers to recognize the issues at the core of development challenges and collaborate with partners across the world to create sustainable, scalable, evidence-based, and multidisciplinary solutions to international development problems. Our program provides multiple pathways for engineers to enter the field of development engineering or to understand better the key facets of the global challenges that they will face in traditional positions in multinational engineering firms.

MCEDC trains engineers to work in partnership with people from developing communities worldwide to create sustainable solutions to meet their basic needs.

**ENGINEERING FOR REAL CHANGE SOLUTIONS FOR THE REAL WORLD**

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**EXPERTISE IN:**

- Applications of System Dynamics Modeling to Development Engineering
- Decentralized Wastewater Treatment
- Disaster Recovery
- Engineering Education
- Hazard Resistant Design
- Indoor Air Quality
- Rural Water Systems
- UV Disinfection