

General and Expedition Adventure Research (GEAR) Enterprise



The General and Expedition Adventure Research (GEAR) Enterprise team is a Michigan Technological University student engineering team focused on Research, Design, Development and Manufacturing of Soft good and Hard good equipment for personal and commercial outdoor recreation uses. The GEAR Enterprise will become part of the growing Enterprise program at Michigan Technological University- a student-driven program supporting multidisciplinary teams that work like companies on real world client driven projects (<http://www.mtu.edu/enterprise/>).

The GEAR Enterprise seeks to take advantage of the ideal location of Michigan Tech, in the Keweenaw Peninsula of the Upper Peninsula of Michigan, for innovation in outdoor recreation equipment by bringing together highly motivated engineering students from all disciplines and a growing Michigan Tech Outdoor Adventure Program (<http://www.mtu.edu/student-activities/oap-wellness/>). Potential projects include design of a hyper cold weather sleeping bag, a collapsible external frame backpack for backcountry touring, 3D printing of canoe and kayak paddles, and efficiency optimization of camp stoves just to name a few ideas. We would also readily take on any project from our sponsors.

As a partner or sponsor your benefits include a fresh look at design challenges and potential solutions through the eyes of an unbiased team, access to university facilities and faculty experience, exposure to the latest tools, techniques, and theory from a premier institution, firsthand observation of your future workforce, and networking with talented students who have strong technical and business skills as well as passion for the outdoors. Please contact Carly Joseph (cajoseph@mtu.edu) or Ross Perigo (rtperigo@mtu.edu) with further inquiries. Thank you for your time, and we look forward to potentially working with you to grow your brand at Michigan Tech.