The Multidisciplinary Design Program at the University of Michigan College of Engineering has opened its annual call for Project Proposals. 2019 Project Proposals will be accepted until June 30, 2018.

Sponsor a Project

What is MDP?
The Multidisciplinary Design Program is a competitively-selected curricular program for students at the University of Michigan-Ann Arbor. We organize approximately 40 teams of 5-7 talented Wolverine students to tackle engineering and/or chemistry projects for various corporate, start-up, non-profit and government or organizations. All teams start in January and end in December, and are jointly mentored by a dedicated UM Faculty member and a member of your organization. (MDP Website)

Types of Projects Accepted
Mechanical Design, IoT, AI/NLP, Software/Programming, Mobile Apps, Big Data/Data Analytics, Circuit/Sensors, Computational Engineering (Master's level), Mechanical Prototyping, Analytical Chemistry, Physical Chemistry, Optimization & Supply Chain, Manufacturing, Modeling, Simulations, etc.

Review Previous Projects

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<tr>
<th>Project Development Timeline</th>
<th>Project Delivery Timeline</th>
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<td>• March-June: Project Scope Discussions</td>
<td>Teams meet weekly January-April &amp; September-December: with faculty mentor for 2 hours, and with the sponsor mentor (conference/video call) for 1 hour. Key student presentations:</td>
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<td>• June 30: Signed Project Agreement Due</td>
<td>• February: Design Review 1 - Requirements Definition</td>
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<td>• Oct 2 &amp; 3: On-Campus Recruitment Events</td>
<td>• March: Design Review 2 - Concept Selection</td>
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<td>• November: Team Rosters Announced</td>
<td>• October: Design Review 3 - Testing &amp; Validation</td>
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<td>• December: Project Fee Due from Sponsor</td>
<td>• December: Final Presentation &amp; Handover</td>
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<td>• January 2019: Project Work Begins</td>
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Project Fee
The Project Fee is $20,000. This flat fee is comprehensive and includes the following items: compensation for the Faculty Mentor, a $2,500 development & travel budget for your team, and MDP support. It does not cover funding students for summer internships if you wish to hire them.

*Note - Accommodations may be made on the project fee for non-profit, start-ups and previous sponsors with a track record of excellence in student engagement and development. Please contact us to discuss payment arrangements that would meet the needs of your organization.

Intellectual Property & Non-Disclosure Agreements
Project sponsors own all Intellectual Property (IP) for the work the students do on your project. Students may sign a Non-Disclosure Agreement (NDA) if you wish.
Template forms for IP Assignment & NDAs are provided and may be reviewed by your legal team.

Project & General Recruitment Support
- Multiple on-campus touchpoints and events offered to MDP Sponsors to deepen engagement all MDP students
- MDP staff will organize and promote targeted, by-appointment resume critiques, professional development, recruitment information sessions, and/or large-scale student talks for your CEO, CTO, CIO or major program chief
- Develop relationships with UM Faculty, and make introductions for potential larger research

Next Steps
1. Contact JoyAdams@umich.edu to arrange an exploratory call to review the program and discuss any project ideas
2. Request a 2019 Project Agreement form and return to JoyAdams@umich.edu by June 30, 2018 (May 31 if you have any redlines)