



WPI

Worcester Polytechnic Institute

**Major Qualifying Project
Mechanical and Materials Engineering
5th Place**

Jacob Abrogar, Patrick Daly, Gabriela DiMauro, Shivaani Gopal, Keith Mesecher

Have been honored for their achievements in their project entitled:

"Optimizing Partial Emission Pump Performance"

In the opinion of the judges, this project exemplifies the true purpose of the MQP, which is to provide a challenging and meaningful capstone experience in a student's major field.

A handwritten signature in blue ink that reads "Robert Hyers".

Robert Hyers, MME Department Head, April 19, 2024