

# Macalester College MNSGC sponsored activities overview spring, summer, fall 2020

## Scholarship awards spring 2020:

Margaret Shepherd'23,  
Alyssa Rauschenberger'22

## Research stipends summer 2020:

Jack Hempel Costello'21, match: Daniel Clark'21, theoretical high energy physics and model building (Ter Veldhuis)  
Elizabeth Curtiss'21, match: Jackson Henningfield'21, renewable energy and grid integration (Doyle)

## Rocketry team spring, summer, fall 2020:

- Intercollegiate Rocket Engineering Competition (IREC): 2020 competition cancelled, signed up for 2021
- Revolutionary Aerospace Systems Concepts – Academic Linkage (RASC-AL) Competition: participate in Theme 4: Human mission to Ceres; design a vehicle that can take a crew of four to Ceres (in the main asteroid belt) as well as allow two crew members to go down to the surface. Technical advisor: Kevin Kempton, NASA Langley Game Changing Development  
Deliverables: a technical report, presentation, and poster on the concept.
- Other remote activities: payload/future rocket design; model building competition, creation of rocketry team handbook; movie nights/launch viewings; research/discussion group; book club, creation of club website, remote guest speakers.