

**Name:** Kendall Arnold

**Year in Course:** 2nd, Junior

**Topic:** Coral Reef Restoration

**Mentors:** Dr. Orion McCarthy, UC San Diego / Dr. Tyler Cyronak, NOVA Southeastern University / Dr. Marissa Baskett, UC Davis

**Title:** “The effects of temperature and ocean acidification on three coral species”

**Bio:**



Kendall is currently a junior in Pawling’s Science Research course. She has always loved the field of Marine Biology and has been interested in pursuing it since she was a young child. Kendall chose the topic of coral reef restoration because of the imminent danger that these vital, diverse ecosystems are in due to various threats on local and global scales. The stressors of climate change, ocean acidification, pollution, etc. have left many of the world’s reefs in a very unhealthy state, so Kendall wants to address that and raise more awareness in any way that she can, while also expanding her knowledge. Currently, she is gathering supplies to perform an at-home experiment as COVID-19 restrictions have made it difficult to do lab work with mentors. In the future, she plans to attend college to major in Marine Biology or Biology, and then go on to graduate school.

In her free time, Kendall enjoys a myriad of activities. She loves sports and is a member of Pawling’s Varsity field hockey and lacrosse teams, and plays on a travel field hockey team outside of school. Additionally, she is a member of Peer Leadership and does volunteer work through honor societies as well as outside of school.

**Awards/Honors:**

- National Honor Society
- Science National Honor Society
- French National Honor Society
- Sports:
  - Field Hockey: All-League, All-Elite Honorable Mention, Underclassman MVP, First-team Section IX All Star
  - Lacrosse: All-League Honorable Mention, Underclassman MVP