| **Kyle Conner**  
**GC –**  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>I am interested in how coral reef biogeochemistry and ecology respond in concert to major environmental stressors (namely temperature-induced coral bleaching and ocean acidification) on different functional scales. For instance, how does OA impact coral populations, communities, and ecosystem and are certain functional groups/species more impacted than others? I am also interested in locating and better understanding the environmental factors strengthening resilience to stressors within coral reef refugia.</td>
</tr>
</tbody>
</table>

| **Bailey Donaldson**  
**P – Niklas Schneider**  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>For my PhD, I will be investigating the coupling of winds, sea surface temperature and surface, geostrophic currents using satellite observations and numerical model experiments.</td>
</tr>
</tbody>
</table>

| **Noah Howins**  
**GC – Chris Sabine**  
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Aloha mai kākou!</em> My research interests are focused on anthropogenic impacts to the marine carbon system. My project will be focused on quantifying carbon release rates of the most abundant plastic polymers in the marine environment and estimating subsequent impacts on surface ocean pH.</td>
</tr>
</tbody>
</table>
| Shannon McClish  
| GC –  
| My current research goals include studying the global carbon cycle and ocean circulation in the past. I am particularly interested in conditions during climatic transitions, and how this information can be considered in the context of anthropogenic climate change. |
| Elizabeth Miller  
| B – Brian Popp and Jeff Drazen  
| I am interested in the ecology of microbes and animals in the deep sea. I will be using compound-specific isotope analysis to study benthic food webs on the abyssal plain. |
| Michaela Setzer  
| B – Kiana Frank  
| My main research interest is in the field of marine microbiology. I'm currently working with Dr. Kiana Frank investigating the potential role microbes play in the management of Hawaiian fishponds. For my PhD, I will be investigating the deep-sea microbial communities of hydrothermal vents, specifically using techniques to ensure samples remain at the same high pressure they are collected from. |
| **Connor Shea**  
| **B – Brian Popp**  
| My research focuses on the application of geochemical methods to the investigation of marine ecosystems. At UH, I will be using amino acid stable isotope analysis to understand how mesopelagic plankton and bacteria affect the ocean’s ability to sequester carbon in the deep sea. Ultimately this information will be used in NASA’s EXPORTS projects to help quantify the spatiality and seasonality of carbon flux in the North Pacific Ocean. |

| **Maria Steadmon**  
| **B – Kiana Frank**  
| I am interested in water quality, specifically looking at aquatic pathogens in recreational waters. For my Ph.D research, I will be studying the distribution and abundance of two pathogens (*Staphylococcus aureus* and *Leptospira interrogans*) in numerous watersheds across the state from mountain (mauka) to sea (makai). |