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Woods Hole Oceanographic Institution  
**Biology Department Seminar**



Friday, June 16, 2023 – 12:00 Noon

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## **Vertical Food Web Connectivity Across Deep-Pelagic Ecosystems**

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The deep oceanic water column is Earth's largest living space. Diverse, understudied assemblages of animals inhabit epipelagic, mesopelagic, and bathypelagic depths and form complex food webs that stretch across distant depth horizons, driving energy flow and large-scale biogeochemical cycling in the sea. I will present discoveries on the structure and function of these food webs, gathered with a diversity of approaches in the field (in situ observations, ROVs, trawls) and in the lab (gut contents, biochemical trophic tracers). I also present evidence of anthropogenic change impacting deep-pelagic ecosystems, which are critical for sustaining healthy fisheries, climate regulation, and global ecosystem services.

**IN PERSON ONLY!** Redfield Auditorium.