**Reading List: Phytoplankton Physiology & Ecology Seminar**  Fall 2021

* Week 2
  + Geider 1987: Light and Temperature Dependence of the Carbon to Chlorophyll a Ratio in Microalgae and Cyanobacteria: Implications for Physiology and Growth of Phytoplankton
  + Masuda 2021: Photoacclimation by phytoplankton determines the distribution of global subsurface chlorophyll maxima in the ocean
* Week 3
  + Geider 2002: Redfield revisited: variability of C:N:P in marine microalgae and its biochemical basis
  + Morel 2008: The co-evolution of phytoplankton and trace element cycles in the oceans
* Week 4
  + Riley 1946: Factors Controlling Phytoplankton Populations on Georges Bank
  + Siegel 2002: The North Atlantic Spring Phytoplankton Bloom and Sverdrup’s Critical Depth Hypothesis
* Week 5
  + Litchman 2015: Global biogeochemical impacts of phytoplankton: a trait-based perspective
  + Finkel 2009: Phytoplankton in a changing world: cell size and elemental stoichiometry
* Week 6
  + Stoecker 2017: Mixotrophy in the Marine Plankton
  + Caron 2016: Mixotrophy stirs up our understanding of marine food webs
* Week 7
  + Burson 2018: Competition for nutrients and light: testing advances in resource competition with a natural phytoplankton community
  + Seymour 2017: Zooming in on the phycosphere: the ecological interface for phytoplankton–bacteria relationships
* Week 8
  + Hansen 1994: The size ration between planktonic predators and their prey
* Week 9
  + Menge 2009: Dangerous nutrients: Evolution of phytoplankton resource uptake subject to virus attack
  + Suttle 1990: Infection of phytoplankton by viruses and reduction of primary productivity
* Week 10
  + Inomura 2016: A quantitative analysis of the direct and indirect costs of nitrogen fixation: a model based on Azotobacter vinelandii
  + Klausmeier 2008: Phytoplankton stoichiometry
* Week 11
  + Martiny 2020: Genomic adaptation of marine phytoplankton populations regulates phosphate uptake
* Week 12
  + Cermeno 2008: Resource levels, allometric scaling of population abundance, and marine phytoplankton diversity
  + Litchman 2008: Trait-based community ecology of phytoplankton