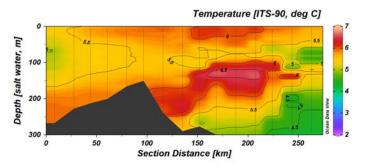


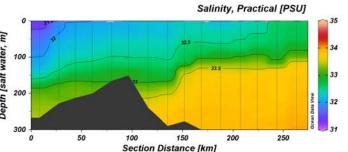
RUSS HOPCROFT LTER SCIENCE COUNCIL MEETING 2018 MADISON, WI

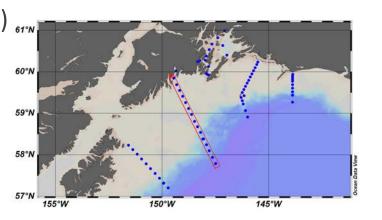


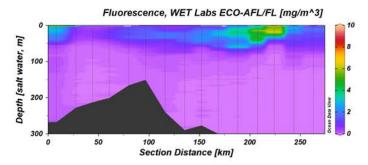
## Site News

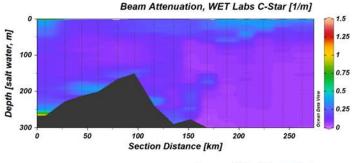
- First cruise completed
  - Hit Spring bloom
  - Water temperature "normal"
  - New larvacean species discovered
  - First NGA use of a UNOLS vessel (R/V Sikuliaq) in over a decade
  - 150 mile tow-yo along Seward Line
- Regional funding (NPRB) renewed
- Ancillary projects funded (NPRB, NSF)
- Murdock funded real-time mooring
- New Website operational
- New faculty hires?

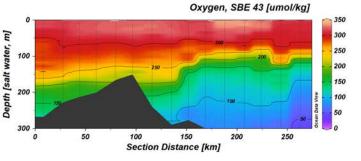












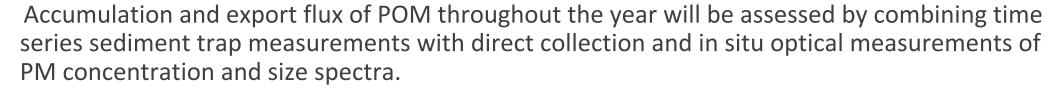


## Organic Matter - Who/How

Andrew McDonnell (Assoc. Prof. UAF)

## Tools:

- LISST 2.5-500 μm particles (CTD and mooring)
- Underwater Vision Profiler (UVP) 50 μm to 5 mm particles (CTD)
- Moored sediment traps
- POC & DOC (with Suzanne Strom)



Flux will be related to seasonal cycles of primary and secondary production and their environmental drivers.

Question: what controls vertical and lateral export of organic matter on seasonal to interannual time scales? How will this change in the future?





## Organic Matter - Results

Nothing to date – samples and data from last cruise still to be processed

(Particle size measurements started 4-5 years ago)

