

*SIO 278 – Sea Technology in Biological Oceanography*

*Dave Checkley*

*Wednesday*

*3-5pm*

*300 Vaughn Hall*

*This participatory seminar will focus on the need, development, principle of operation, and examples of use of key sensors, instruments, and platforms commonly used in biological oceanography. Sensors will be physical, chemical, and optical, platforms floats and gliders, AUVs, and moorings. Each session, one or two devices will be presented on by a student and discussed by the students, Checkley, and, when possible, an expert. The goal of this seminar will be for students to be exposed to the principles of how measurement capabilities arise and advance observing and understanding in biological oceanography.*