ASL develops innovative AUV technology

**ASL Mission:**

- Develop biomimetic behaviors for AUVs to sample the environment more efficiently
- Develop hardware and software to automate target recognition by AUVs
- Develop methods for submarine wake detection, and track and trail, by AUVs
- Develop easy-to-use, practical mission planning and supervision software for multiple networked AUVs

**ASL Areas of Expertise:**

- Rapid LabVIEW AUV software development
- Neural network processing and target recognition (US Patent Pending)
- Systems design and hardware integration for small and large AUVs
- Collaborations with Prizm, Northrop Grumman, SAIC, Autosub, University of Delaware CSHEL, University of New Hampshire CCOM
- AUV field experience in Antarctica, Florida Keys, Chesapeake Bay, Gulf of Mexico, and US West Coast