

All information referenced in this document was updated September 2023. It is the responsibility of the PI to work with your directors, deans, colleagues, collaborators, and laboratory contacts (provided) to ensure the information is up to date. **Do not include laboratory contacts in document provided to NIH.**

UAS Equipment is under revision. If you have any questions, please contact Lisa Hoferkamp at lahoferkamp@alaska.edu

Equipment:

University of Alaska Southeast

Don't forget to include your lab

Laboratories

US Forestry Sciences Research Laboratory

(<https://www.fs.usda.gov/detailfull/r10/home/?cid=stelprdb5278607&width=full>): UAS-owned equipment housed there includes a Horiba Fluoromax 4 Fluorometer and a Shimadzu TOC/TN analyzer. USFS-owned instrumentation is also available for use by UAS faculty, including gas chromatographs fitted for analysis of gaseous headspace as well as traditional volatile liquid samples and a UV/Vis spectrophotometer.

Natural Sciences Research Laboratories (NSRL) (sanjay.pyare@alaska.edu): Equipment and specialized procedural space support biochemical and environmental ecosystems research projects. Specialized equipment includes an Agilent 1220 Infinity high-performance liquid chromatograph, an Agilent 6890 gas chromatograph with an Agilent 5973 quadrupole mass selective detector (optional electron impact or chemical ionization), an Agilent 7890 gas chromatograph with an Agilent 5975 quadrupole mass selective detector, an Agilent 7890 gas chromatograph fitted with a headspace sampler and an Agilent 5975 quadrupole mass selective detector and, an Astoria autoanalyzer (model 411-L). Each laboratory contains equipment and infrastructure that supports the specialization of the relevant investigator. For example,

Buildings

Anderson Building (AB) (uas.information@alaska.edu) : Relevant equipment housed at the Anderson Building includes a FIRE Fluorometer system, an Avanti J-26XP centrifuge, an Agilent MX3005P QPCR system, a Tetrad Thermal Cycler system, and an Argos goniometer model RXG-134. Laboratories contain equipment and infrastructure that supports marine ecosystem research projects. *Waiting on updated list from colleagues.*