Rubenstein School of Environment and Natural Resources
University of Vermont
Perennial Summer Internship Program - 2016

**Internship Title:** UVM Unmanned Aircraft System (UAS) Internship

**Internship Site:** Spatial Analysis Laboratory, Aiken Center, Room 205

**Description:** The University of Vermont’s Unmanned Aircraft Systems (UAS) team was formed in 2015 as a way to bring high-end drone mapping technology to Vermont. The UAS team is comprised of faculty, staff, and students from the Spatial Analysis Laboratory (SAL) and Transportation Research Center (TRC). The UAS team is nationally recognized for its work, applying drone technology to a broad range of mapping, monitoring, and research activities. The UAS team has been featured in Slate, WCAX, and Vermont Public Radio. Past UAS student team members have gone on to successful careers in the drone technology sector. UVM’s UAS team works with federal, state, and local agencies, along with academic researchers. As a UAS team intern you will participate in vetting requests, obtaining flight permissions, conducting flight operations, data processing, analysis, and report writing. Projects range from stream woody debris monitoring to damn removal mapping to disaster response operations.

**Desired qualifications/skills/coursework:** An interest in drone technology and at least one geospatial technology course, with experience or coursework in remote sensing preferred. Interns must be willing to carry out field work under a variety of conditions and be equally as comfortable working at a computer for long periods of time. Occasional rapid response deployments during non-standard working hours may occur during disaster events.

*Rubenstein students currently in their first year, sophomore and junior year are eligible to apply.*

**Supervision:** The UAS team is lead by Jarlath O’Neil-Dunne, Director of the Spatial Analysis Lab. He will serve as the internship supervisor. Over the course of the internship operational supervision will be transferred to other SAL personnel. The intern will always be working as part of a team.

**Start and End Dates:** May 16, 2016 – August 12, 2016

**Total Hours:** 40 hours/week, 12 weeks - 20 hours per week as part of the internship program. An additional 20 hours per week through another grant is available.

**Compensation:** $12.50/hour. Earning internship credit through the Rubenstein School Internship Program is required.

**How to apply:** Step by step application instructions are available on the Rubenstein Perennial Internship Program website. Applications are due by 4pm, Friday, January 29th, 2016 through Blackboard.