**JOB ANNOUNCEMENT**

## DRONES - Unmanned Aircraft Systems (UAS) INSTRUCTOR

Tufts Center for Conservation Medicine is seeking a part-time instructor to deliver a masters-level graduate elective course in Unmanned Aircraft Systems (UAS) (aka drones), their use for data collection, mapping and analysis in late spring (March-April) 2021. The course will be offered to a small group (<20) of masters students focused on wildlife conservation and ecosystem health. We expect the course to be delivered in-person on our Grafton, MA campus with COVID-19 protocols in place. The anticipated course schedule is flexible, but we are aiming for 20-30 hours of contact including both classroom and field instruction.

The instructors must be FAA Part 107 certified and should be experienced in GIS, remote sensing, UAS-mapping, and have teaching experience. UAS for this course will be provided. Salary will be commensurate with experience and is negotiable.

Preliminary course description

### *Drones-- Unmanned Aircraft Systems (UAS) for Field Data Collection, Mapping & Analysis*

This course covers the foundations of Unmanned Aircraft Systems (UAS) and provides students with the foundational skills to manage, plan and execute remote flight operations. Students will learn about the legal aspects of flying UAS and FAA requirements. Students will demonstrate the ability to collect and process imagery data for use in Geographic Information Systems (GIS) and for analysis. Students also develop skills that they can apply in multiple applications including conservation medicine, agriculture, natural and cultural resources management, emergency response, etc.

Please contact **chris.whittier@tufts.edu**, 508-887-4861 if you are interested and please feel free to distribute this announcement.