Position at the University of Colorado, Boulder

**Unmanned Vehicle Professional Research Assistant**

The Research and Education Center for Unmanned Vehicles (RECUV) is seeking a person to design, build, maintain, and fly small unmanned aircraft. These planes are similar to model airplanes but with interesting design requirements and avionics for use in sensing, communications, and control experiments. More information can be found at recuv.colorado.edu or augnet.colorado.edu.

**Responsibilities:**

Oversee the unmanned aircraft fabrication lab; maintain sufficient tools, materials, and spare parts for efficient operations. Work with faculty and students on small aircraft projects. Design, construct, and test new aircraft; assemble and test ARF aircraft; and research new aircraft and systems. Ensure the timely completion of projects. Support flight operations including preparation, piloting, and record-keeping for operations and equipment analysis. Interface with machine shop, purchasing, and range managers.

Full time and part time employment will be considered. Salary is commensurate with qualifications. The University of Colorado is an equal opportunity employer.

**Required Qualifications:**

- Five years experience building and flying small R/C aircraft or similar.
- Ability to work with a variety of aircraft construction materials such as styrofoam, wood, plastic, and aluminum.
- Ability to maintain, tune, and operate small engines and electric motors.
- Expertise with servo, battery, and electrical systems.
- Comfortable managing student assistants.
- Bachelors Degree

**Desired Qualifications:**

- Carbon fiber and fiberglass layout and construction experience.
- Capable to layout, design, and test PC boards.
- R/C Helicopter piloting experience.
- SolidWorks or similar CAD experience.
- Ability to run CNC mill and lathe.
- Programming experience with embedded systems and Linux.

To apply send a resume and cover letter to Jaroslava.Hladisova@Colorado.EDU

Applications will be evaluated starting February 1, 2008.