

## Invitation to join the Watershed Biogeochemistry Lab for 2015

**Application deadline: February 9 2015 (fourth Monday of Block 5)**

I am inviting applications for 3 research-collaborator student positions in watershed biogeochemical research (potentially 5 if funding from NSF comes through). The applications are open to declared EV majors who are currently in their sophomore and junior years. Current juniors wishing to use this research as a part of their senior thesis will have priority.

**Dates: June 1 to August 7 2015** – There is some flexibility in dates but you must commit to working 10 weeks

**Stipend: \$4,000\*** for the duration of the 10 weeks, otherwise prorated at \$400 per week.  
\* *minus all applicable taxes including FICA*. This is dependent on securing internal CC grants that we will work on together.

Each student will develop a collaborative project that builds on existing research at the site. Successful research projects will lead to presentations at professional conferences, and submissions of manuscripts for publication in high profile journals with the students as co-authors.

### The projects:

1. **Fire Effects on Forest Carbon** – 3 students

*If NSF funding comes through (which is likely for one if not both of the projects):*

2. **Nitrogen Cycling in Freshwater Tidal Environments** (you will be living in Delaware for a portion of the summer) – 1 student
3. **Particulate Carbon Cycling in Alpine Lakes** (you will live at Niwot Ridge LTER for 10 weeks) – 1 student

*For more details on all projects please see my website:*

<http://sites.coloradocollege.edu/rebeccabarnes/links/summer-2015-research-opportunities/>

All projects will involve significant amounts of time in the field collecting samples as well as back in lab analyzing them. In some cases this will mean extremely long, though super fun, days.

### How to apply:

Please send me an e-mail at [becca.barnes@coloradocollege.edu](mailto:becca.barnes@coloradocollege.edu) specifying

- 1) Which project are you interested in, and what do you find interesting about it. If you are interested in more than one project please rank your choices.
- 2) List all courses that you took at CC that you think are relevant to the project (e.g. Ecology, Water, GIS etc.) and your grades in the courses.
- 3) Give names of 3 CC professors that I can contact for a reference.

Looking forward to your applications and looking forward to working with you in the summer!

Becca