

**JOB DESCRIPTION • Williams Center at Mt. Greylock High School**  
**Coach for the Mt. Greylock Envirothon Team**

*Pay and Time Commitment:*

This is a paid position in accordance with the Williams employment pay scale. The commitment ranges from two to five hours a week, schedule depending.

*Envirothon:*

Envirothon is an international environmental science competition for high school students with a mission to “develop knowledgeable, skilled and dedicated citizens who have an understanding of natural resources and are willing and prepared to work towards achieving and maintaining a balance between the quality of life and the quality of the environment.” The curriculum integrates hands-on skills and content knowledge, allowing students to put their knowledge into action and apply it to the world around them. The curriculum is built on five main topic areas: aquatic ecology, soils and land use, forestry, wildlife, forestry, and a current environmental issue (soil and water conservation in agriculture for 2016-2017). At the Massachusetts Envirothon competition in May, students take four exams on the first four topic areas and prepare an oral presentation on the current issue.

*Team Format:*

Our team meets for two or three hours each week, typically on Sunday afternoons, to study. Our meetings are either at Hopkins Forest or on the Williams campus (Clark Hall), and these meetings introduce environmental science concepts. The coaches prepare lessons and oversee sessions. The students take turns giving presentations on assigned materials, and some weeks, professors give guest lectures. We use Envirothon as a framework to learn environmental science, and the content covered is nearly identical to that of AP Environmental Science.

*Skills:*

Students interested in this position should:

1. Have a basic knowledge of environmental science from AP Environmental Science, ENVI 102, or some equivalent such as Envirothon.
2. Have a passion for environmental science, a desire to learn more about the topic, and a desire to share his/her knowledge and passion with students.
3. Have a strong interest in working with high school students, mentoring them, and working with students in small groups.
4. Have an interest in designing curriculum that integrates hands-on activities with theoretical concepts and practical knowledge.
5. Have enthusiasm and excitement for education and the environment!

*Expectations:*

You will work closely with head coach Jeffrey Rubel '17 and attend sessions, the competition in May, and two workshops in the fall and spring. At the sessions, you will engage with students, be a positive and enthusiastic role model, and help keep the team on task, in addition to teaching some lessons and answering any questions. You will assist Jeffrey with curriculum planning and lesson development, and you can teach lessons and work with students as they study. There will be a lot of flexibility in how much or little you want to teach.

*Application:*

Please email Jeffrey Rubel (jnr2@williams.edu) and Kaatje White (kwhite@williams.edu), Director of the Williams Center at Mt. Greylock High School, with a letter of interest by September 30. An interview with both Jeffrey and Kaatje will follow, and during this time, you will also be strongly encouraged to attend a Sunday session to get a sense of how the program works and what the group dynamic is. Preference will be given to first-years, sophomores, and juniors who are interested in continuing with the team and being the head coach in the following year (starting fall 2017).

*Questions:*

Please contact Jeffrey Rubel (jnr2@williams.edu) with questions about the program and coaching. Please contact Kaatje White (kwhite@williams.edu) with questions about payment and employment logistics.