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The purpose of this program is to provide prestigious, competitive summer internships to outstanding undergraduate engineers who wish to pursue research with environmental impacts under the mentorship of a faculty member. Students must submit a research plan describing a specific research project to be completed under the direction of a faculty mentor or a company sponsor. Students must discuss the plan with their faculty mentor or company contact person before submitting it. Applications will be evaluated by a panel of UVM College of Engineering and Mathematical Sciences faculty, and the top ranked applications will be selected for funding. Awardees carry out the research over the summer and create a poster and a PowerPoint presentation describing their work and results. In many instances, results may be suitable for presentation at regional or national conferences and/or publications.

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The program is open to all UVM College of Engineering undergraduates. (Graduating seniors are NOT eligible to apply). Any UVM Engineering faculty member may act as a student's mentor or co-mentor. The research conducted under the scholar's program must be in the general area of environmental engineering with a focus on interdisciplinary experiences. The Barrett scholars internships are intended to facilitate undergraduate research experiences that are over and above research generally conducted in the context of courses taken for academic credit. Mentored independent student research projects not associated with a for credit course or for credit summer research are thus eligible to apply as Barrett Scholars. If the research is on the same topic as a student's honors thesis, the proposal must clearly state how this work is distinguished from the honors thesis work.

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Each student applicant is required to submit the following:

1) A Barrett Scholars Application Form

2) A letter describing the proposed research

a) The student must write the Project Description, not exceed 1 page (12 pt font), and provide:

- i) a short description of the research project to be performed,
- ii) the significance of the proposed research and how it promotes environmental stewardship and
- iii) the student's interest and preparation for the project (e.g., specialized skills or knowledge).

3) A list of specific equipment, items, travel, etc., necessary to complete the project together with estimated costs.

4) A letter for the student proposer, not more than 1 page, including the student's current GPA and a list of specific courses relevant to conducting research in the proposed area. The student must demonstrate that they have the qualifications to carry out the research successfully.

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All of the above documents must be submitted via Handshake at <https://uvm.joinhandshake.com/stu/jobs/8598104>

- Students should save their application materials as one X% ()CE Xitled ABBF] o FirstLastName."
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might be appropriate). All equipment purchased as part of the project accrues to the faculty supervisor's home department upon completion.

- V. by signing the cover page, the faculty mentor agrees to assume