

Scott Gustin

From: SMMAPES@aol.com
Sent: Tuesday, October 27, 2015 1:42 PM
To: Scott Gustin; mmoore@burlingtontelecom.net
Subject: Fwd: [VPA] UVM project solicitation

Follow Up Flag: Follow up
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Scott & Matt

Consider adding this to our next meeting agenda to see if there are any project ideas the BCB can think of.

SMM

From: lhirshfield@HARTFORD-VT.ORG
To: VPA@LIST.UVM.EDU
Sent: 10/27/2015 1:27:46 P.M. Eastern Daylight Time
Subj: [VPA] UVM project solicitation

The UVM Engineering Practice in the Civil and Environmental Engineering (CEE) program is looking for 10-12 projects for the spring semester. UVM's civil and environmental engineering seniors from the capstone design course partner with Vermont communities on engineering service-learning projects. Projects can be partnering with local towns, state agencies, and non-profit organizations on projects such as stormwater management systems, wastewater treatment plant upgrades, design of restorations of historic buildings including town halls, landslide remediation, bridges, park and ride facilities, and porous pavement parking lots, to name a few. Planning related projects also considered when they involve civil and environmental engineering components. The program emphasises service learning projects where students aid in a community supportive service, most commonly for not-for-profit entities. Students become energized by the opportunity to "pay it forward" that way. There also is an emphasis on integrating technical solutions with the relevant social, economic, and ecological considerations needed to create sustainable outcomes.

Information on previous projects is found at the following website. Most project descriptions include a short video story prepared by the students:

<http://www.uvm.edu/~sysedcee/?Page=capstone/default.php>

If you have ideas for possible projects and are interested in working with engineering students, please contact John Lens at jelens@uvm.edu within the next 2 to 4 weeks.

Your commitment could be as little as meeting with the students once at the site, answering their questions (only one student contacts you), and meeting with

them once or twice during the semester. Or, you can be more involved. As part of our instruction role, our goal is to guide students to seek out the necessary information on your project needs and constraints, while not overburdening you with questions, with the goal of providing a valuable final deliverable to their "clients". The student projects begin in mid-January and end in early May. Students present their final project summaries in an open forum (including community partners and outside professional engineers as reviewers) as well as prepare a detailed technical report that includes analysis and design calculations. A digital copy of the report is also provided.

Feel free to contact John by email or phone if you have questions or would like to discuss a potential project(s).

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