Looking for a unique graduate experience that blends ENVIRONMENTAL RESEARCH with SUSTAINABILITY and GIS?

The MASTER'S PROGRAM in ENVIRONMENTAL SCIENCE AND POLICY at Plymouth State University (NH), in conjunction with the Office of Environmental Sustainability and the Center for the Environment, is recruiting a graduate student for AY 2015-16 to serve as a Graduate Research Assistant (GRA) and Sustainability Fellows Program Coordinator for the Office of Environmental Sustainability (OES). Plymouth State University is located in central New Hampshire at the gateway to the White Mountains and the Lakes Region in the quaint town of Plymouth, PSU is within minutes of ski resorts, lakes, and parks and only two hours from Boston.

Graduate Assistantship Description:
Graduate research will focus on the analysis of statewide bicycling and pedestrian using GIS data and analyses to better understand walking and biking patterns throughout New Hampshire (NH) and to help identify barriers to increased activity. The GRA will help transform manual, automated, and phone-app derived data into reliable metrics of road use and avoidance using GIS. Ideally, data analysis will 1) identify spatiotemporal patterns of biking and walking in NH, 2) identify hotspots of activity that may become the impetus for greater investment in healthy and sustainable community entrepreneurship (e.g. bike shops, cafes), 3) identify underused transportation corridors and investigate potential barriers to use, and 4) provide a baseline assessment from which core indicators of biking and walking activity can be derived and integrated into statewide health and transportation reports. At the same time, the student will act as the OES Sustainability Fellows Program Coordinator, serving as a point of contact in OES for the other students employed in OES and for faculty, staff, and students at PSU for the academic year, under the supervision of the Director of the OES. The OES Graduate Student Assistant also engages in other events and activities in support of the OES efforts as needed.

**The Graduate Assistantship will provide tuition and stipend support to the selected student for the 2015-16 academic year.

START DATE: as early as June 1 with a corresponding paid summer internship, or as late as August 17, 2015

MINIMUM QUALIFICATIONS:
- BA/BS in Geography, Environmental Science/Studies, Sustainability, Natural Resources, or related field (minimum cumulative GPA 3.0)
- Upper-level coursework and/or experience using ArcGIS (*experience with Model Builder and/or Python preferred)
- Acceptance into the MS program in Environmental Science and Policy at Plymouth State University
- Highly organized and self-motivated, with strong independent work ethic
- Interest and passion in Sustainability, including focus on alternative transportation and environmental conservation

Interested candidates should
1) email a letter of interest, copy of transcript(s) – unofficial is fine, and contact information for three references to Dr. Amy Villamagna, amvillamagna@plymouth.edu by May 12, 2015 for priority consideration,

2) process a Plymouth State University Graduate Student Application at https://www.plymouth.edu/graduate/admissions/

For additional information visit our webpages!

Plymouth State University  https://www.plymouth.edu/

MS in Environmental Science and Policy
https://www.plymouth.edu/graduate/academics/degrees/masters/ms/environmental-science-and-policy/

http://amvillamagna.weebly.com/

Office of Environmental Sustainability
https://www.plymouth.edu/sustainability/