

Opportunity for College Students from Appalachian Regions

SUCCESS Program for the Geosciences and Water Engineering

College students who grow up in the Appalachian region of Kentucky, West Virginia and surrounding states learn hands-on knowledge of water, rocks, forests and mountains. Students see how forestry practices, mining operations and conservation can impact the visual, functional and economic wealth of their rivers and lakes. Despite these experiences, the number of college students from Appalachia who continue-on in college to receive their masters or doctorate degree from geoscience or water engineering programs is lagging behind the rest of the United States.

We introduce the Appalachian SUCCESS Program funded by the National Science Foundation. The goal of the program is to support college students from Appalachia to help them receive masters and doctorate degrees in geoscience and water engineering. The program provides financial support to assist students with funding their college experience. The program provides technical support by teaching undergraduate students and graduate students state-of-the-art skills using high resolution sensors for investigating water processes. Centered at the University of Kentucky and Marshall University in West Virginia, the program will build a cohort of students from different schools across the region.

College students interested in participating in the SUCCESS program should send application materials to one of the SUCCESS leaders at the University of Kentucky or Marshall University. The SUCCESS leaders are Prof. Jimmy Fox (james.fox@uky.edu) in Civil Engineering at the University of Kentucky, Prof. Bill Ford (bill.ford@uky.edu) in Biosystems and Agricultural Engineering at the University of Kentucky and Prof. Mindy Armstead (m.armstead@marshall.edu) in Natural Resources and the Environment at Marshall University. Applications should include: (1) an up-to-date resume; (2) college transcripts; (3) a one-page statement of interest that describes the student's ambitions and interest in geoscience or water engineering; and (4) verbal description of the students' eligibility. Eligibility Requirements include: (i) students should have attended high school in the Appalachia region; (ii) students should be interested in pursuing graduate school in geoscience or water engineering; and (iii) students should be enrolled in a college or university at any level or have received an undergraduate degree in the past and are interested to enroll in graduate school. Send applications materials to one of the project leaders by April 30, 2022 to be eligible for participating starting in Summer 2022.

Interested students can learn more about SUCCESS by contacting the project leaders. At University of Kentucky, Prof. Jimmy Fox can be reached at james.fox@uky.edu and Prof. Bill Ford can be reached at bill.ford@uky.edu. Prof. Mindy Armstead can be contacted at m.armstead@marshall.edu at Marshall University.

