

# MARYLAND HIGHER EDUCATION STATEWIDE EE COLLABORATIVE NETWORK

## Newsletter

**UNIVERSITY  
SPOTLIGHT**



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UNIVERSITY

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### University Course Applications

- Students enrolled in ENV 560/460: Sustainability for Educators, participate in numerous Projects WILD, WET, and Learning Tree activities, as well as NOAA climate change activities. In addition, they conduct data collection across several different locations in the Chesapeake Bay Watershed, to determine the health of the ecosystem

### Grant Funded Project

- A portion of a \$50,000 grant provided by The Maryland Center for Computing Education, will be utilized to fund the redevelopment of the course Methods of Teaching Environmental Science, to include various components of computer science education.

### Current Research

- Dr. Juliann Dupuis and Dr. Rachel Durham are currently conducting research related to student science achievement and the correlation to Green Schools, particularly looking at the types of activities at each school and the length of time the school has been a MD Green School.
- Ashley Demski, an early childhood teacher at Francis Scott Key in Baltimore City, and former NDMU M.A. STEM Leadership student under Dr. Juliann Dupuis, is presenting her work at NAAEE Using Outdoor Settings to Teach Mathematics Concepts to Pre-K Students.
- Scott Hartman, a teacher at Hamilton ES/MS in Baltimore City, and a former NDMU M.A. STEM Leadership student under Dr. Juliann Dupuis, is the recipient of a Pilot Light Food Education Fellowship which is focused on health, agriculture, food equity and more. He has also received thousands in grants to fund STEM initiatives, including the school's outdoor classroom.

### Professional Development & Collaboration Opportunities

- NDMU in partnership with MAEOE offers an EE certification course. Since 2020 over 35 participants have been certified. This certification includes training in Projects WILD, WET, Learning Tree, Global Learning and Observation to Benefit the Environment (GLOBE) program, and additional NAAEE courses. This course is co-facilitated by Dr. Juliann Dupuis.



**Maryland Higher Ed Statewide EE Collaborative**

**Network Coordinators:**

**Chelsea McClure & Dr. Sarah Haines**



**Nationwide  
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**ee360  
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