

## 2021 PAEP Environmental Scholarships Awards Announced

The 2021 PAEP Scholarship period has closed and the winners have been selected. Thank you to all of the very qualified applicants! You should be very proud of your accomplishments.

Congratulations to Isaac Nulton and Poppy Northing, this year's winners!

### ***Isaac Nulton wins the 2021 PAEP Gifford Pinchot Scholarship!***

Isaac is currently enrolled at the Pennsylvania State University (PSU) with a 3.60 GPA, double-majoring in Environmental Resource Management and Wildlife and Fisheries Science. Isaac is an avid hunter and fisherman and is active in many organizations, including the Penn State Society of American Foresters, Environmental Resource Management Society, and Wildlife Society; National Wild Turkey Federation; and the Chesapeake Bay Foundation where he founded a Chesapeake Bay Club at Penn State. Isaac holds several Chair positions with Delta Theta Sigma and the Chesapeake Bay Club and is a Student Advisor for the Chesapeake Bay Foundation Student Leadership Course. As a staff member of the PSU Agriculture and Environment Center (AEC), Isaac has begun training on the AEC's watershed assessment methodology to assess potential best management practices and has been involved with riparian buffer planting and maintenance activities, electro-fishing surveys for wild trout populations, and tillage surveys in delisting catchments. Following his undergraduate career, Isaac plans to put to use his passions for conservation, hunting, and fishing to potentially work for the US Fish and Wildlife Service in conservation management of game species.

### ***Poppy Northing wins the 2021 PAEP Maurice Goddard Scholarship!***

Poppy attends Haverford College. She is completing a double-major in Environmental Studies and Biology with a 3.97 GPA. In addition to being a member of the Microalgae, Skateboarding, Foraging, and Outdoors Clubs, Poppy plays Ultimate Frisbee, is a Wilson Laboratory Member, and a Modzer Laboratory member, where she participates in Dr. Modzer's research on the invasive marsh plant, *Phragmites australis*. As a Fishadelphia Volunteer, Poppy runs a biweekly fish stand at Haverford, where she educates customers about the fish supply chain. In 2019 Poppy received the Haverford KINSC Summer Scholar Award to conduct research at the UC Berkeley Tim Bowles Laboratory on her project, "The Effect of Tillage and Cover-Cropping Systems on Labile Carbon at the Oxford Tract," to quantify the efficacy of alternative farming methods and inform future organic farming practices. In 2021 she won the Bryn Mawr College Summer Science Research Award to conduct research with Dr. Modzer this summer. Her research project will map *P. australis* genotypes to plant traits with the overarching goal of gaining a better understanding of how marsh communities experience natural selection from global change factors. Poppy's future plans include attending a PhD program in either horticulture or ecology and evolution; focusing her research on how plant breeding can help mitigate climate change and solve food and energy related environmental problems. Poppy's ultimate goal is to become a professor in an environmental science field (likely ecology) and to continue her research to discover new ways to combat climate change while simultaneously communicating her findings to students and policymakers to make a difference in the fight against climate change.