

2020 EVENTS

As Chair of the Recruitment Committee for The Physics Department, I have personally participated in and/or assisted in planning numerous events ranging from a solar eclipse outing for the public, to numerous high school workshops, to annual college and recruiting fairs in the state. Below are the events for the 2020 calendar year. Many events after March events were cancelled due to COVID19 and none were scheduled. Last updated 1-15-2021.

- [03-11-2020 Logan HS Motor Workshop](#)
- [02-29-2020 Science Olympiad](#)
- [02-17-2020 Green & White Day](#)

CANCELATIONS DUE TO COVID-19 IN 2020

The spring 2020 semester was an unprecedented academic semester with the global COVID-19 pandemic coming into the mainstream public eye at the beginning of March. Globally, the negative effects on teaching, learning by students, research efforts, disseminating research results, and recruiting efforts are currently immeasurable. Based on my excellent teaching evaluations at the conclusion of the spring and fall 2020 semester, my teaching in the eyes of the students appears to be unaffected for the most part by the switch to online teaching. Below is a list of recruiting events that were cancelled in which I was looking forward to participating in along with a list of demonstrating how the pandemic has effected research in my laboratory:

Recruitment Events Cancelled:

- 03-14-2020 Upward Bound Motor Workshop, 10:15-11:15 am, to be hosted at Marshall University
- 04-16-2020 Lab Day, at Poca High School, put on physics demonstrations for K-5th graders
- 04-18-2020 Science Blitz, hosted at Marshall University, College of Science
- 04-21-2020 STEAM Knight, 4:00-7:00 pm, to be hosted at Cabell Midland High School

Research Efforts Cut Short:

- Three senior students, Jon Keaton, Mckenzie Granata, and Greg Hart were each cut short by seven weeks on their research projects. Two of these students had NASA fellowships to work in my laboratory during the spring 2020 semester. These students were able to graduate at the end of the spring 2020 semester and thus the time they had for data collection in the lab cannot be replaced. Jeremy McCloud, who also had a NASA fellowship to work in my laboratory in spring 2020, was equally cut short by seven weeks.

Dissemination of Research Results by McBride Research Group Hindered:

- 04-3/4-2020 Spring 2020 Ohio Section of the American Physical Society, to be held at John Carroll University, University Heights, OH. Abstract was submitted with the expectation that I would present a talk titled "Nanoparticle Functionalization of Commercial Filtration Membranes for Water Purification"
- 04-17-2020 Marshall University Research Expo, minimum of 3 posters to be presented
- 04-17-2020 MU Physics Department Convocation Day, minimum of 3 student talks given.
- 06-25-2020 Institute of Water Security and Science Symposium. Theme: Advances in Water Resource Science and Management in West Virginia, and the Northeastern U.S. A poster and possibly a short talk were to be provided. Thursday, June 25, 2020 from 5–7 p.m. Erickson Alumni Center, 1 Alumni Drive, Morgantown, WV 26505 (potentially postponed to April 13th, 2021).

All Face-to-Face Recruiting, Outreach, and Presentations were cancelled for fall 2020.