

NASA WEST VIRGINIA SPACE GRANT CONSORTIUM

March 2022 Highlights



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Funnies: *Not everyone can pull off wearing a spacesuit, but I'm*



going to rocket...

I'm addicted to

space jokes, but someday I'll over-comet.



NASA WV Space Grant Consortium Students

Savannah Toney is from Chapmanville, WV and has worked with NASA WVSGC for 16 months. She is a senior majoring in Mechanical and Aerospace Engineering. Among numerous other accomplishments, last summer, Ms. Toney worked on the Mars Helicopter project at NASA Ames Research Center. Her assignment related to the optimization of the rotor blades, which will allow future Mars rotorcraft to fly further and carry more weight!



Jada Williams is a junior from Maryland studying aerospace engineering with a double minor in sustainable design and business. She is involved in NAACP, M-Power, 100 Black Women, and undergraduate research. Ms. Williams is passionate about increasing sustainability on campus and implementing a safe space for diverse students within Statler college to provide networking and promote career opportunities.



Braden Cooper is a sophomore majoring in Wildlife and Fisheries Resources. Mr. Cooper is from Beckley, WV. He will graduate with a bachelor's degree in May 2024 and plans to pursue a Master's degree in Environmental Soil and Water. He enjoys nature and the peace and beauty it offers and plans to pursue a career that allows him to protect the earth's natural beauty. He also enjoys working on cars and is an avid gamer and has recently really enjoyed Elden Ring.

OUTREACH

The West Virginia Robotics Education and Competition (REC) Foundation Aerial Drone Signature Event took place on February 25-26th, 2022, at Fairmont State University's Falcon Center. Michael Vincent, from Langley Research Center indicated that the event was the largest and most exciting aerial drone tournament, NASA educator training, and aviation career expo in the nation and the first-ever in-person Advanced Air Mobility Academy. Read more about the event [here](#).

Pictured left : Event host, Dr. Todd Ensign, and The WV Deaf

Service Center Drone Team.

Pictured right : Drone Competition field at Falcon Center



SHARE YOUR STORY!

Contact NASA WV SGC to share your story and keep us updated on events. We would love to feature you in our next issue!

UPCOMING EVENTS



NASA Day at the Clay Center for the Arts and Sciences

In collaboration with NASA IV&V Facility and the Clay Center, the NASA WVSGC will hold its annual NASA Day at the Clay Center on

April 6, 2022. This is an outreach event targeted at fifth through eighth-grade students to strengthen community relationships, inspire children to be creative and critical thinkers, and educate learners on the value of science and technology. Potential hands-on activities will be presented by the Marshall University RCBI team, Libby and Robert Strong from the SMART Center, Vathani Amarasingham, who is the new STEM Educator at WVSU CASTEM, and others. The theme for the 2022 event will be "When the Earth Shakes", focusing on Earth and Weather science. If you know of any 5th-8th grade classroom teachers that would like to bring their class, space is limited, register today by calling (304) 561.3562.

ANNOUNCEMENTS

The WVU EPSCoR R3 science team will run a **HackWeek** June 12- 17, 2022, at WVU in Morgantown on Fault Diagnosis for Safety-Critical Autonomous Systems. Teams will be working with WVU faculty and technical experts from the NASA Goddard Space Flight Center. Faculty interested in participating should send an email to Ms. Kisstaman Epps, kdepps@mail.wvu.edu and indicate the names of students, majors, and current student academic level that is on their team, along with contact emails for all proposed participants. Faculty-led groups are preferred, but student teams organized by a faculty mentor will also be considered. If requested, NASA WV Space Grant will help cover travel costs for a faculty and student team to participate in this project. For more information on the project, contact this office or the Science I Piyush Mehta, Piyush.mehta@mail.wvu.edu

NASA WV SGC

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