



# NASA WEST VIRGINIA SPACE GRANT CONSORTIUM

January 2020 Highlights

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## New Location

Happy new year! To kick off 2020, the NASA West Virginia Space Grant Consortium has recently moved. We are now located on the third floor of the Mineral Resources Building on the Evansdale campus of West Virginia University. If you're in the area, please consider stopping by 341 MRB!

## Model Based Mission Assurance Interns

Recently, Mr. Jess White, Education Specialist of the NASA IV&V Facility, selected three undergraduate interns to participate in the year long Model Based Mission Assurance internship program. The program is focused on infusing model based techniques with Independent Verification and Validation (IV&V) activities as well as utilizing it for Cyber Security efforts. The MBMA program uses System Model Language (SysML) to develop reusable reference architectures.

## Request for Proposals Announced

The latest Request for Proposals (RFPs) for the 2020-2021 cycle have been announced and are [posted on the WVSGC website](http://www.wvspacegrant.org/programs/). If you are a researcher, educator, or student, please consider applying! All of our applications are submitted electronically and due in early March. Again, you can find all the information on the WVSGC website.

The location of the RFPs for the 2020 - 2021 cycle on the WVSGC website.

<http://www.wvspacegrant.org/programs/>

## Space Flight Design Challenge Updates

Teams across the state have been working since the fall of 2019 on a variety of experiments. These experiments will be put together on a payload and then launched on a rocket through the RockSat-X program at a range of 150-170 kilometers. The new technical lead for the West Virginia team, Dr Adam Kebolski of West Virginia University Physics Department, shared an update on the

current progress. He said, "Teams from Blue Ridge Community and Technical College, West Virginia Wesleyan College, West Virginia State University, and West Virginia University are currently working through the Critical Design Review for the RockSat-X payload."



Dr. Adam Kebolski pictured above.

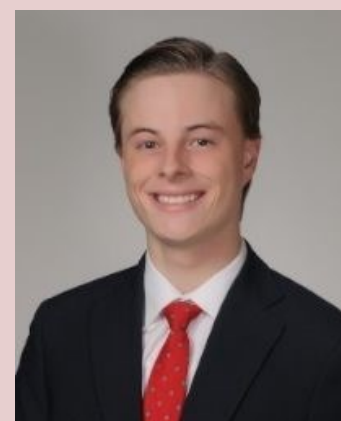
Below are the Model Based Mission Assurance Interns.



Kyle Casto



Emily Certain



Paul Clement

## Share your Story!

Contact NASA WVSGC to share your story and keep us updated on ongoing events.

### NASA WVSGC

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