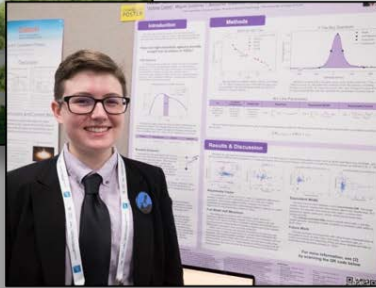


Faces of Physics Presents:

# Journeys to the Green Bank Observatory



**Ellie White**

Data Analyst

**Sarah Olivera**

Education Assistant

**Victoria Catlett**

Software Engineer

**November 3rd @ 7:00 PM**

Presented Live on YouTube, Link Below:

<https://youtu.be/tKxRyPvEcUw>

**Abstract:** The Green Bank Observatory (GBO), located in the Appalachian Mountains of West Virginia, is home to several cutting-edge instruments including the world's largest fully-steerable radio telescope, the Green Bank Telescope (GBT). The facility has a rich 65-year history, full of fascinating discoveries, ground-breaking technological advancements, and perhaps most importantly, a staff dedicated to inspiring future generations of students to learn about their place in the Universe. In this presentation, the speakers will discuss the Observatory and its accomplishments, and they will also share their own stories about their career paths and the work they do at the GBO.

**Bio: Ellie White** has been working as a Scientific Data Analyst at the Green Bank Observatory after receiving her B.S. in Physics with a minor in Math in December, 2021 from Marshall University. Ellie was a 2021 recipient of the SETI Forward Award and has worked on a number of radio astronomy and outreach projects with the Green Bank Observatory, the National Radio Astronomy Observatory's Central Development Laboratory, SETI Institute, the Berkeley SETI Research Center, Open Source Radio Telescopes and the West Virginia Alliance for STEM and the Arts (WV AIISTAR). Ellie is passionate about sharing her love of science with others.

**Sarah Olivera** graduated from the University of Texas at Austin in May 2022 with a B.S. in Astronomy and a B.S. in Physics and began working at the Green Bank Observatory in June of this year, in the Education and Public Outreach Division. As an undergraduate student, she helped to create animations of pulsating white dwarfs from K2 data, as well as create new educational posters and signage for the Painter Hall Observatory where she facilitated star parties with an antique 9-inch refracting telescope. Olivera is passionate about sharing astronomy with audiences of all ages and backgrounds and is working to make STEM more approachable and inclusive for everyone!

**Victoria Catlett** graduated from the University of Texas at Dallas in May 2022 with a BS in Physics and a BS in Mathematics. They now work as a software engineer at the Green Bank Observatory. As both an autistic person and a member of the LGBTQ+ community, Catlett focuses a lot of their free time on diversity initiatives in physics and astronomy. Last year, they served as the AZC representative on the SPS Executive Committee. Catlett is excited to share their experiences with you!

***The Faces of Physics Speakers Series*** highlights the work of researchers from underrepresented groups to promote inclusion and inspire the next generation of scientists to see a place for themselves in the exciting field of physics. The Series is hosted and developed by the Marshall University Chapter of the Society of Physics Students (SPS) and has been funded over the years by the MU SPS Chapter, The American Institute of Physics, and The NASA West Virginia Space Grant Consortium. For fall 2022, the Society of Physics Student Fund is supporting the speaker series. The Series has run at a pace of one talk per month during the academic years since fall 2020. To stay up to date on information pertaining to the Series, like upcoming speakers, sign up for the mailing list:

<https://forms.gle/3tjMMBo81sHjwmTb7>

