GRAD-MAP WINTER WORKSHOP

December 31, 2021 – January 9, 2022
An intensive week-long workshop at the University of Maryland, College Park preparing a diverse group of undergraduates for graduate careers in physics and astronomy.

**Research Projects**
- biophysics
- nuclear physics
- condensed matter
- gravitational theory
- elementary particles
- atomic molecular and optical
- quantum mechanics
- particle astrophysics

**Python Bootcamp**

**Intro to Grad School**
- exoplanets
- extragalactic
- galactic (milky way)
- solar system and planets
- high energy astrophysics
- black holes
- instrumentation
- cosmology

Applications due November 22, 2021
To apply, visit: www.umdgradmap.org

Graduate Resources Advancing Diversity with Maryland Astronomy and Physics (GRAD-MAP) is an initiative to connect with Mid-Atlantic minority-serving institutions and prepare a diverse group of undergraduates for graduate careers. We are supported by the NSF PIRE, NSF CAREER, and the Physics and Astronomy departments at the University of Maryland, College Park.