



# Research in Symmetries @ the University of Kentucky

Research Experience For Undergraduates (REU)  
May 20 – July 26, 2024

Symmetry is important in physics because it gives rise to conservation laws and organizes our knowledge. The detection of small deviations from exact symmetry is a powerful probe of new physical laws. Researchers at the University of Kentucky are searching for the electric dipole moment of the neutron, “dark matter” contributions to Maxwell’s equations, effects of broken time-reversal symmetry in topological heterostructures, non-radial pulsation modes of variable stars, and more! We invite you to join us in these studies and help us advance the frontiers of scientific knowledge.

<https://pa.as.uky.edu/reu>

## Application Deadline: February 15

REU internship stipend: \$7000 plus free on-campus housing and meals.



University of Kentucky  
Dept. of Physics and Astronomy

