

RESEARCH IN SYMMETRIES AT THE UNIVERSITY OF KENTUCKY



RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) JUNE 6 – AUGUST 12, 2022

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>

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