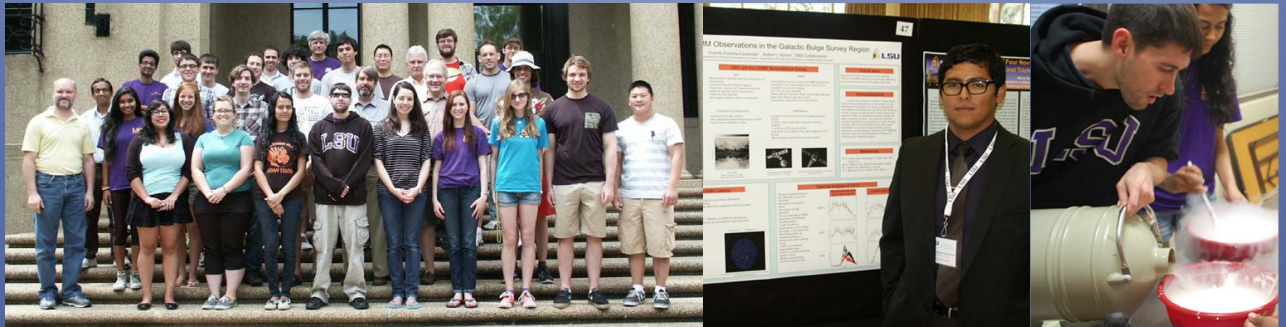


# REU Program in Physics & Astronomy



## Would you like to...

- ✓ See ripples in space-time?
- ✓ Deduce astronomical knowledge from ancient writings?
- ✓ Create clean renewable energy sources?
- ✓ Observe the oscillation of neutrinos?
- ✓ Collect cosmic rays with a balloon?

Then come be an **REU program** student in the Department of Physics & Astronomy at Louisiana State University! You can be in any undergraduate academic year and need not have a declared major, but must have completed the introductory physics sequence at your school.

Participants are lodged in apartment-style University housing and paid a stipend for food and personal expenses. Further information is available on our web page.



## Research Areas

- ✓ Astronomy, astrophysics, astro-history
- ✓ Gravitation and relativity
- ✓ Atomic/molecular/optical physics
- ✓ Quantum optics and computing
- ✓ Condensed matter physics
- ✓ Materials synthesis & characterization
- ✓ Energy and materials research
- ✓ Computational physics
- ✓ Neutrinos and cosmic rays
- ✓ Nuclear physics
- ✓ Medical and health physics

## LSU & Local Facilities

- ✓ LIGO-Livingston
- ✓ CAMD 1.3 GeV synchrotron
- ✓ Landolt Observatory
- ✓ Machine and electronics shops
- ✓ Highland Road Park Observatory
- ✓ Center for Computation & Technology

[www.phys.lsu.edu/REU](http://www.phys.lsu.edu/REU)

For questions, please contact the REU Program at [reu@phys.lsu.edu](mailto:reu@phys.lsu.edu)