

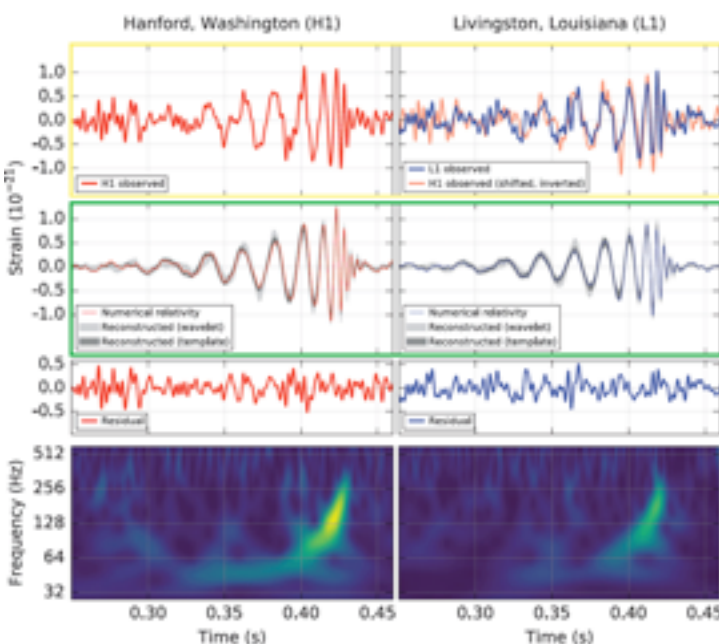
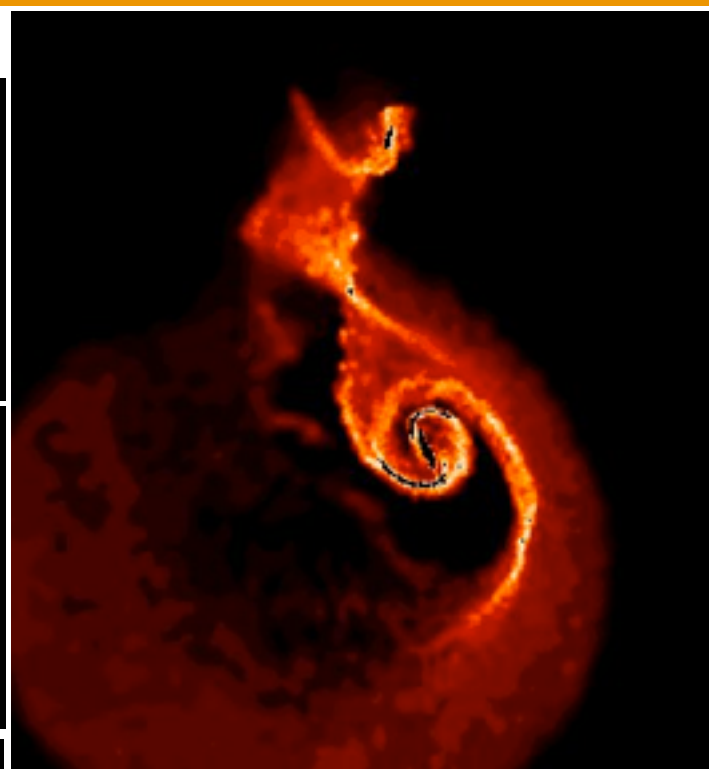
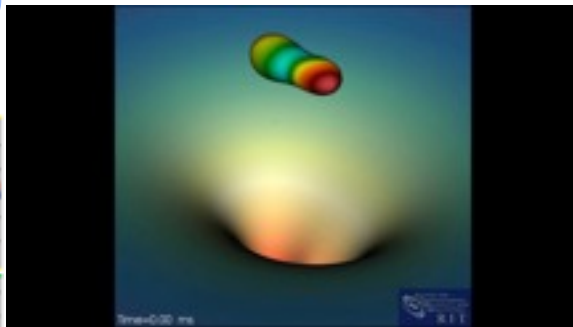
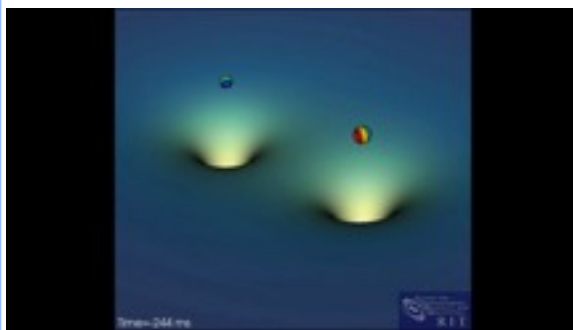


# NSF Research Experience for Undergraduates in Multimessenger Astrophysics at Rochester Institute of Technology



May 29 - August 4, 2017

Compact Object Mergers  
Primordial Black Holes  
Gravitational Waves  
Orbital Dynamics  
Galactic Mergers



Computer Visualization  
Reverberation Mapping  
Recoiling Black Holes  
LIGO Data Analysis  
X-ray Binaries

Program Activities

- American Sign Language “bootcamp”
- Scientific Programming
- Introduction to supercomputers
- Lectures by prominent visiting speakers
- Research presentation training

Program Benefits:

- \$5,000 stipend
- Apartment-style housing
- Meal Plan
- Present at the Undergrad Research Symposium

For more information, see [astroreu.rit.edu](http://astroreu.rit.edu)  
or contact Dr. Joshua Faber ([astroreu@rit.edu](mailto:astroreu@rit.edu))



Participants must be U.S. Citizens or Permanent Residents and must be undergraduates in Fall 2017.  
We especially encourage women, members of underrepresented minorities, and deaf or hard-of-hearing students to apply.  
Applications are now being accepted **PENDING NSF FUNDING.**

**Apply Online; Deadline: March 3, 2017**



FGWA: Frontiers in  
Gravitational Wave  
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