

**Faculty Member**

Biswas  
Finley  
Giannios  
Hirsch  
Iyer-Biswas  
Jones  
Jung  
Lang  
Lyutikov  
Manfra  
Melosh  
  
Neumeister  
Rebello  
Rodriguez  
Rokhinson  
Zhou

**Area**

Condensed Matter (the) - 2 positions  
Astrophysics (exp) - VERITAS  
Astrophysics (the)  
Physics Education Research - Assessment of Student Performance in Introductory Mechanics  
Biophysics (exp or the)  
High Energy (exp) - 1) CMS hardware upgrades and 2) Analysis of CMS data  
High Energy (exp) - 1) Analysis of CMS data and 2) Hardware  
Astroparticle Physics (exp)  
Astrophysics (the)  
Condensed Matter (exp)  
Planetary Physics - 1) Shock wave interactions from meteorite impacts and high-speed ejection of meteorites from Mars or asteroids, 2) How the ubiquitous ridges on Europa form as a result of the interaction of water from its subsurface ocean with the much colder surface, and implications for possible life in the subsurface  
  
High Energy (exp)/Physics Analysis at LHC  
Physics Education Research  
Computational Bio-Nano Physics - 2 positions  
Condensed Matter (exp)  
AMO (the) - 2 positions

Most faculty take on students enrolled in PHYS 590 - Reading and Research as a first step to taking a student into a research group. While not usually a paid RA position, this course often leads to a supported position in a research group as research funding becomes available, or as senior students graduate. Students are encouraged to take 590's early (while still TAing). If you are interested in working with a faculty member who is not on the above list, please contact them directly about the PHYS 590 option.