

Student Research Opportunity: Exploring Black Holes

All junior/senior undergrads interested in astronomy, physics, computer science, engineering, and/or math are encouraged to apply.



The PIRE project will engage undergraduates in the fascinating astrophysics of black holes and testing Einstein's theory of General Relativity. This opportunity is offered to junior and senior undergrad students and will begin April 2018. Both paid and for-credit assistantships are available.

Students will work as research assistants alongside senior PIRE project members, be mentored by PIRE graduate students, and be involved in regular research group meetings, webinars, and hackathons that will provide an exceptional hands-on research experience within an international collaborative project. All applicants should have some basic programming experience.

Research assistants will have the opportunity to select from a range of project research areas such as state-of-the-art radio instrumentation, virtual and augmented reality visualizations, digital technology development, high-performance computing, fast data transfer protocols, and big data statistics.

To apply: Develop a personal statement (800 words or less) describing yourself, your career goals, your interest in research, and your expectations for participating in the PIRE-EHT project.

Please upload your personal statement and complete your application online:

<https://goo.gl/2J5Qkv>

Application deadline: March 23, 2018, 5:00PM.

Contact person: Rosie Johnson, PIRE Project Manager, rosiejohnson@email.arizona.edu