

The Gamma-ray Astronomy group at the University of Utah has an immediate opening for a postdoctoral scholar to work in the field of astro-particle physics. The successful applicant will work on observational high-energy astrophysics research with the faculty of the Utah Gamma-ray Group, which includes Profs. Dave Kieda, R. Wayne Springer, and Andrew Smith.

The successful candidate will have the opportunity to pursue a vigorous research program using the VERITAS gamma-ray Observatory, currently the world's most sensitive Imaging Air Cherenkov array. The candidate will also have the opportunity to pursue research with the HAWC all-sky gamma-ray observatory, currently under construction at Sierra Negra, Mexico. Applicants should have demonstrated proficiency in scientific programming and hold a PhD in experimental astrophysics or astronomy prior to appointment. Experience with the simulation of detector performance, and analysis of large data sets is expected. Experience with electronics data acquisition hardware, and/or analysis of observational data from multi-wavelength observatories (optical, FERMI, SWIFT) is desirable. The accepted candidate will be expected to take required observing shifts at the observatory of choice each year, longer term stays at the observational sites may be possible as well. The candidate may also become involved with R&D associated with the future CTA gamma-ray observatory.

The successful candidate will enjoy an unusually broad, collaborative environment in astronomy and astrophysics, and will have access to a broad range of facilities and expertise. The University of Utah is a major research institution in astronomy and astrophysics, playing leadership roles in the Telescope Array Observatory (Delta, Utah), the VERITAS, CTA and HAWC gamma-ray observatories, and is a full institutional membership in SDSS-III and SDSS-IV astronomical surveys. Additional facilities include the high altitude 0.8 m Frisco Peak Optical Observatory, and the twin 3m Stellar Intensity Interferometry telescopes at StarBase-Utah.

Applicants should send a CV, a list of publications to which he or she made a specific contribution, and a statement of research interests to dave.kieda@utah.edu. Please also arrange for three letters of recommendation to be sent to the same address. Inquiries about the positions can be sent to dave.kieda@utah.edu, springer@physics.utah.edu, or aw.smith@utah.edu. The postdoctoral position is nominally for two years, with the possibility of an additional year contingent on performance and funding. Review of applications will begin January 1, 2014 and will continue until the position is filled.