



BARNARD

BARNARD COLLEGE • COLUMBIA UNIVERSITY

Postdoctoral Research Position in Very High Energy Gamma-Ray Astronomy at Barnard College, Columbia University

We invite applications for a postdoctoral research scientist to work in ground-based gamma-ray astronomy at Barnard College, Columbia University. We are members of the VERITAS collaboration, which is operating an array of four 12-meter air-Cherenkov telescopes in Southern Arizona. The successful applicant will work with Prof. Reshmi Mukherjee on the acquisition, analysis and interpretation of VERITAS data and on design studies for future gamma-ray observatories (e.g., AGIS, the Advanced Gamma-Ray Imaging System). In addition, the research scientist will have the opportunity to work on the analysis of Fermi Gamma-Ray Space Telescope data. Barnard College is a four year liberal arts college for women, affiliated with Columbia University. The candidate will be a member of the Columbia Astrophysics Laboratory. The successful candidate will be based in New York and will be expected to travel to Arizona periodically to work at the VERITAS site.

We encourage candidates with experimental backgrounds in astronomy/astrophysics or particle physics to apply. A Ph.D., or equivalent degree, in physics or astronomy is required, and related experience in gamma-ray astrophysics is desirable. Additional experience in analysis of X-ray data would be useful. Applicants should send a cover letter, CV and a statement of research interests, and arrange for three letters of recommendation to be sent to:

Prof. Reshmi Mukherjee
Dept. of Physics & Astronomy
Barnard College
3009 Broadway
New York, New York 10027

Letters of recommendation can be sent via e-mail. Review of applications will begin immediately and continue until the position is filled. The appointment will initially be for 2 years, with a possibility for extension. Barnard College is an Equal Opportunity Employer and encourages applications from women and individuals from under-represented groups.