

## Postdoctoral Researcher – Astrophysics of Cosmic Rays

Institution: University of Wisconsin-Madison

Department of Astronomy

475 Charter St.

Madison, WI 53706

Email inquiries: [mailto:zweibel@astro.wisc.edu](mailto:mailto:zweibel@astro.wisc.edu)

Application closing date: February 1, 2016

-----

The Astronomy Department at the University of Wisconsin-Madison invites applications for a post-doctoral position studying the astrophysics of cosmic rays. The successful applicant will work with Prof. Ellen Zweibel and collaborators on theoretical studies of cosmic ray acceleration, transport, and interactions with the background medium in galaxies, galaxy clusters, and the intergalactic medium. The Astronomy Department, Plasma Physics Program, Wisconsin Plasma Astrophysics Laboratory (WIPAL), and Wisconsin IceCube Particle Astrophysics Center (WIPAC) offer a rich environment for plasma astrophysics. Opportunities to teach and mentor students may be available. The position is initially for two years with an optional third year. The nominal starting date is September 1, 2016, but other start dates are possible. The salary and benefits are competitive.

Applicants must have a recent Ph.D. in astronomy, physics, or a related field. Experience in computational or theoretical plasma physics and/or cosmic ray astrophysics is helpful but not essential. Applications should include a research statement, bibliography, curriculum vitae, and three letters of recommendation and should be submitted electronically to [mailto:zweibel@astro.wisc.edu](mailto:mailto:zweibel@astro.wisc.edu)

Application review will begin immediately and continue until the position is filled. Applications received by February 1, 2016 will be ensured full consideration.