

Postdoctoral Observational Research in Circumgalactic Gas and Dust

Applications are now being accepted for a Postdoctoral Associate, to work in the X-ray Astrophysics Laboratory at *NASA Goddard Space Flight Center (GSFC)* in Greenbelt, MD. The position is funded through the *University of Maryland College Park (UMCP)* and the *Center for Research and Exploration in Space Sciences & Technology II (CRESST II)*.

The Postdoctoral Associate will work with Dr. Edmund Hodges-Kluck on characterizing circumgalactic dust and gas, including cataloging the amount of dust using ultraviolet and infrared images, measuring the properties of hot winds with X-ray data, designing observing strategies for observing circumgalactic gas and galactic winds with upcoming X-ray spectrometers, and independent research on other related topics.

We invite researchers familiar with galactic winds, circumgalactic gas, X-ray astronomy, cosmic dust, or related topics to apply. Candidates for this position must have a Ph.D. in Physics, Astronomy, or a related subject.

The initial funding for this position will be for one year, renewable for up to two additional years, subject to performance and funding availability. The position includes a competitive salary and research/travel funds. Restrictions associated with the COVID-19 pandemic may require that the successful candidate work remotely, at least initially, or a flexible start date, and these can be accommodated.

The position will remain available until filled. Applications received by December 1, 2020 will receive the best consideration. Each applicant should send a Curriculum Vita, list of publications, statement of research interests, and contact information for three references to:

Application materials should be submitted to:

Postdoc – Circumgalactic Gas and Dust

CRESST/UMCP

Mail Code 660.8, NASA/GSFC

Greenbelt, MD 20771, or

Via e-mail to katherine.s.mckee@nasa.gov

Technical information concerning the research should be directed to Dr. Hodges-Kluck (edmund.hodges-kluck@nasa.gov). For information on UMCP's Department of Astronomy and CRESST II, please contact Dr. Tracy Huard (thuard@astro.umd.edu).

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment, in all aspects of employment, educational programs and activities, and admissions.