

18 December 2018

Job Title: Research Fellow on Exoplanet Characterisation at University College London

Department: Physics and Astronomy

Reports to: Professor Giovanna Tinetti

Grade: 7

How to apply: Applications need to be submitted by January 21st 2019, please apply online through the UCL website:

<https://www.ucl.ac.uk/human-resources/working-ucl/jobs-ucl>

Please contact: g.tinetti@ucl.ac.uk and k.nakum@ucl.ac.uk for further information.

The project

As part of the H2020 funded Exoplanets-A project, we are seeking to fill the position of Research Fellow, working in close collaboration with Prof. Giovanna Tinetti, co-I of the project, and her team and collaborators at UCL, CEA Paris, University of Bordeaux and SRON Utrecht.

The main purpose of this role is to develop new and/or use existing models to simulate the atmosphere, interior and formation of exoplanets.

This project is funded by H2020 for 2 years in the first instance.

Duties and Responsibilities

- To contribute to the drafting and submitting of papers to peer reviewed journals.
- To prepare progress reports on research for funding bodies as required.
- To contribute to the preparation and drafting of research bids and proposals.
- To contribute to the overall activities of the research team and department as required.
- To undertake a limited amount of teaching and/or PhD/MSc supervision in relation to subject area.
- To contribute to the induction and direction of other research staff and students as requested.

- Responsible for ensuring that equipment is safe and maintained in working order.
- As duties and responsibilities change, the job description will be reviewed and amended in consultation with the postholder.
- The postholder will carry out any other duties as are within the scope, spirit and purpose of the job as requested by their supervisor or the Head of Department.
- The postholder will actively follow UCL policies including Equal Opportunities and Race Equality policies
- The postholder will maintain an awareness and observation of Fire and Health & Safety Regulations.

Person Specification

Essential

- To have or be about to obtain a PhD in physics, astrophysics, planetary science, natural science, geophysics or other relevant subject areas. Appointment at Grade 7 (£35,328 - £42,701 per annum, inclusive of London Allowance) is dependent upon having been awarded a PhD; if this is not the case, initial appointment will be at research assistant Grade 6B (salary £30,922-£32,607 per annum, inclusive of London Allowance) with payment at Grade 7 being backdated to the date of final submission of the PhD thesis
- Ability to analyse and write up data and to present complex information effectively to a range of audiences
- Effective written and verbal communication skills
- Experience of working collaboratively in a research environment
- Commitment to high quality research
- Commitment to UCL's policy of equal opportunity and the ability to work harmoniously with colleagues and students of all cultures and backgrounds

Desirable

- A strong track record of research and publications in any of the relevant areas, i.e. exoplanet interior, atmosphere, formation.
- Ability to travel internationally for collaborating with other H2020 program nodes and present results at conferences.
- Knowledge of python or other program languages is highly desirable.

UCL TERMS AND CONDITIONS

Full conditions can be found at:

http://www.ucl.ac.uk/hr/salary_scales/Support_Research_tcs.php