

Job Title: Science Coordinator for Human Research

Req ID 7241 - Posted 26/09/2018



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Human & Robotic Exploration Programmes.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

Post

Science Coordinator for Human Research

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, The Netherlands

Description

Science Coordinator for Human Research in the SciSpace Team, Research and Utilisation Group, Directorate of Human and Robotic Exploration Programmes.

Duties

Under the direct authority of the SciSpace Team leader, the postholder will be responsible for inputs to programmatic and strategic planning, and for end-to-end science coordination of projects in the Human Research area, covering the disciplines of human physiology, psychology and radiation research, being responsible for the following tasks in particular:

- coordinating the Human Research discipline by setting priorities, providing scientific guidance for task delegation, stimulating feedback and promoting personal growth;
- promoting synergy and efficient collaboration with the Team's other scientific disciplines;
- maintaining direct contact with the scientific community, monitoring developments in and defining the research strategy for the human physiology, psychology and radiation areas;
- defining the scientific content and priorities for research announcements;
- overseeing the initiation and management of topical teams, applied research and EC projects;
- overseeing research projects, including relevant hardware and mission implementation steps;
- acting as Project Scientist for selected projects;
- coordinating with the Astronaut Medical Office and other relevant bodies regarding medical operations, including informed consent forms and briefings, and baseline data collection for Human Research experiments;
- acting as Science Coordinator for Human Research aspects in support of human exploration;
- representing ESA on the International Space Life Sciences Working Group (ISLSWG), the Multilateral Human Research Panel for Exploration (MHRPE) Group and coordinating international activities in Human Research and radiation;
- acting as Executive Secretary for the ESA LSWG, supporting advisory groups of other ESA Directorates;
- supporting the reporting to ESA delegate and administrative bodies;
- supporting promoting of the results obtained via science publications, organised workshops, symposia, etc.

Technical competencies

Broad knowledge of scientific discipline, including strategic vision of the area (space) Life science, especially Human Physiology, Psychology and Radiation

Knowledge of international scientific community
Knowledge of (large) international scientific research collaborations, preferably using space-based techniques
Knowledge of space projects, including instrumentation and operations
Experience in supporting ESA programmes/projects and knowledge of their technical and programmatic requirements in relevant technical domains
Project and technical management

Behavioural competencies

Ambassadorship
Communication
Relationship Management
Systems & Broader Business Thinking
Teamwork
Innovation & Creativity

Education

Applicants should be qualified medical doctors and/or have a PhD in a biomedical discipline.

Additional requirements

Applicants should have demonstrated experience in human research project management. Personal research experience in human research as well as hands-on experience with spaceflight experiments and knowledge of end-to-end implementation of ISS research. Experience related to other human research platforms such as bedrest, isolation and radiation facilities is an additional asset.

Candidates should have demonstrated leadership capabilities and a developed aptitude for relationship management. A results-oriented approach to working in a complex environment, strong planning and organising skills. Candidates should be system-minded, able to work in an interdisciplinary team and have good communication skills.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the ESA Competency Framework.

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.
The Agency may require applicants to undergo selection tests.

The closing date for applications is 25 October 2018.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada and Slovenia.

According to the ESA Convention the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented Member States. (<http://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.