

Job Title: Senior Flight Surgeon

Req ID 9090 - Posted 11/12/2019



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

Senior Flight Surgeon

This post is for a limited duration of four years (non-renewable) and is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

EAC, Porz-Wahn, Germany

Description

Senior Flight Surgeon in the Space Medicine Team, ISS Operations and Astronaut Group, Directorate of Human and Robotic Exploration Programmes.

Duties

Under the direct authority of the Team Leader, you will provide medical functions needed to ensure the health of ESA astronauts throughout their career and make available medical capabilities to support European astronauts for future space exploration activities. You will be specifically responsible for the tasks below:

Contributing to the Space Medicine Unit in the

- provision of ambulatory, clinical, preventive, countermeasure, rehabilitation and behavioural medicine services to ESA astronauts
- provision of ISS medical operations and real-time mission support
- provision of mission-specific hazard analyses with respect to payloads, experiments and environment
- provision and implementation of medical education for ESA astronauts
- provision and implementation of ongoing medical education for ESA flight surgeons, including operational medical training and flight surgeon flight controller certification
- implementation of a longitudinal ESA astronaut health programme
- support of medical and psychological astronaut selection, retention and certification processes, including development, update, and maintenance of the respective medical standards.

Contributing to the Medical Projects Unit for the definition and implementation of health-care and health technology projects.

Supporting the Head of the Space Medicine Office in:

- strategic and administrative functions
- developing new operational medical scenarios for future ESA human spaceflight programmes
- defining and implementing medical policies, procedures, ongoing medical education, space-medicine curricula and medical operations functions for human spaceflight
- supporting the different interfaces with international partner medical organisations and participating in selected International Space Station medical boards, panels and working groups
- coordinating the medical support activities within other teams within the ISS Operations & Astronauts Group and at Directorate level.

You will deputize for the Team Leader during the latter's absence, specifically on medical matters related to astronauts.

Technical competencies

Multi-disciplinary knowledge of area of responsibility

General background and specific experience in the technical domains covered by the position

Experience in the definition and implementation of health care and health technology projects

Behavioural competencies

Communication

Cross-Cultural Sensitivity
Planning & Organisation
Teamwork
Self Motivation

Education

A Master's degree or equivalent qualification in human medicine, a certified physician in one of the ESA Member States.

Additional requirements

The position requires the ability to develop an understanding of the international and Agency-related work contexts, develop a strategic vision, create consensus, foster cooperation among different teams and stakeholders and coordinate multidisciplinary activities between the clinical, engineering and medical projects units.

Certification to practice medicine in Germany is an asset. If not already acquired, this will be assigned to you as an objective. Clinical specialisation preferably in internal, emergency or occupational medicine and current clinical experience is mandatory. Experience in aero-space medicine and/or medical space operations is highly desirable. A sound knowledge of human spaceflight, especially space operations and certification in "advanced cardiac and life support" and/or "advanced trauma and life support", or equivalents, are assets. The ability to establish and maintain effective working relationships with international partners, organisations and academic institutions is essential.

The duty station is the European Astronaut Centre in Cologne, Germany. The post requires supporting mission operations outside nominal hours, high-level flexibility, a positive attitude to teamwork, the ability to travel domestically/internationally and a willingness to spend significant time abroad for mission support and other activities.

Excellent fluency in English is mandatory. A working knowledge of French and German is desirable. Knowledge of Russian or Chinese is an asset.

Other Information

For behavioural competencies expected from ESA staff in general, please refer to the ESA Competency Framework. The Agency may require applicants to undergo selection tests.

The closing date for applications is 15 January 2020.

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, 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 be given to external candidates from under-represented Member States. (<http://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In view of the limited duration of this post, internal candidates are strongly advised to contact their HR advisor before applying.

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.