

1. Background Information:

Qatar Robotic Surgery Centre (QRSC) is a proud member of Qatar Science & Technology Park (QSTP), which was founded by the Emir as part of Qatar Foundation for Education, Science and Community Development. QSTP works to transform Qatar into a knowledge-based economy by attracting commercially oriented research and development. It is located in the vicinity of Carnegie Mellon, Texas A&M, Weill Cornell and other leading universities which are also a part of Qatar Foundation. QSTP provides an environment for local and international companies to interact with the universities and develop new technologies

QSTP is developing the Qatar Robotic Surgery Centre (QRSC); a regional Centre of excellence for robotic surgery in Qatar and a gateway for robotic surgery in the Middle East. QRSC has 2 main objectives :

1. On a local and regional level, the Centre will act as a simulation facility and a training platform for students, surgeons and engineers in Qatar and the Middle East
2. On an international level, the Centre will create an R&D department aiming at (1) developing innovative training and learning tools (remote tele-mentoring, robotic surgical skill assessment, interactive training environment, ...) and (2) improving and enhancing the robotic platform. The R&D department of the Centre will target the international community of roboticists, engineers and technical developers.

2. Job Purpose:

Participate in innovative technical research and development programmes with external partners; perform in-house research activities; Provide technical support to the Centre's R&D and training teams; Collaborate with students and international research fellows to perform in house research; Be responsible for maintenance and reparation of the Centre's robotic and other equipment

3. Key Result Areas:

KEY RESULT AREAS

- Perform high quality in-house research activities in the field of surgical robots
- Provide technical support to the Centre's R&D and training teams
- Be responsible for maintenance and reparation of the Centre's robotic and other equipment
- Collaborate with students and international research fellows to perform in house research
- Participate in innovative technical research and development programmes
- Pursue and maintain academic and research excellence in surgical robotics
- Maximise the academic research profile of the Centre by actively participating and organising international conferences and workshops
- Contribute to the IP portfolio and publication record of the Centre and provide academic output and technical development of high standards
- Ensure the well-being of the Centre's research facility and robotic equipment

4. Communications and Working Relationships:

The post holder will be expected to demonstrate the ability to interact with an international audience of partners, fellows, colleagues and customers.

5. Problem Solving & Complexity:

- Position requires a strong technical background preferably in (medical) robotics
- Position requires technical, organisational, and planning skills
- Ability to work on own initiative and drive for attaining research excellence at an international level

6. Decision Making Authority & Responsibility:

This job operates within general instructions and well-established instructions / routines and is closely supervised

7. Knowledge, Skills & Experience:

- A technical degree, preferably in robotics or a related field
- Experience in a technical job related to robotics is an advantage
- Experience in a research and development environment is an advantage
- Ability to: operate at a very high level; work to deadlines; execute high level research projects
- Strong interpersonal skills and the ability to effectively work with a wide range of individuals and constituencies in a diverse community
- The post holder will be based full time in Qatar.
- The ideal candidate should be fluent both in English and Arabic

8. Contact:

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