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Postdoctoral Fellow - Center for Rehabilitation Sciences Research

Job Category: Programs

Requisition Number: POSTD002958

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Posted: April 13, 2022

Full-Time

Bethesda, MD 208140000, USA

Job Details

Description

Join the HJF Team!

HJF is seeking a **Postdoctoral Fellow** to support the Center for Rehabilitation Science Research (CRSR) located at Walter Reed Basic Science Laboratory at the Uniformed Services University (USU) in Bethesda, MD. HJF provides scientific, technical, and programmatic support services to CRSR.

Responsible for initiating and carrying out research projects in the laboratory of Dr. Luis Alvarez and Dr. Shailly Jariwala within the Department of Physical Medicine & Rehabilitation, Center for Rehabilitation Sciences Research. Pursues research along a focused line of inquiry and has a manuscript in development. Responsible for planning and conducting biomedical research and development in support of a portfolio of projects in regenerative medicine that includes neuro-regeneration, orthopaedic tissue repair, biomaterials design, 3D tissue engineering, and 3D bioprinting.

NOTE: As a U.S. Government contractor, all HJF employees are required to be fully vaccinated against COVID-19 by January 18, 2022. Proof of vaccination or an approved religious or medical accommodation will be required.

Responsibilities:

1. Assists in designing, developing, executing, and implementing scientific research and/or development. (40%)
2. Investigates the feasibility of applying a wide variety of scientific principles and theories to potential inventions and products. (5%)
3. Performs specialized laboratory research utilizing experimental protocols which involves specialized procedures. (5%)
4. Collects and handles samples and keeps detailed records of experiments. (25%)
5. Assists with the preparation of data for presentations at scientific meetings and for publication in journals. (25%)

Required Knowledge, Skills and Abilities: Knowledge of appropriate scientific area; ability to analyze and interpret data. CAD modeling and tissue engineering skills, 3D Tissue engineering, animal handling skills, rat handling experience preferred. Surgery experience.

Minimum Education: Doctoral degree required in Biomedical, Life science, Biomedical Engineering.

Minimum Experience/ Training Requirements: A minimum of 0-5 years of experience required.

Work Arrangement: 100% on-site.

Background/Security: Eligibility to obtain and maintain a Tier I investigation/Public Trust and a Common Access Card (CAC).

Employment with HJF is contingent upon successful completion of a background check, which may include, but is not limited to, contacting your professional references, verification of previous employment, addresses, education, and credentials, a criminal background check, drug screening, and a department of motor vehicle (DMV) check.

Any qualifications to be considered as equivalents, in lieu of stated minimums, require the prior approval of the Chief Human Resources Officer.

Qualifications

Education

Required

Doctorate (Professional) or better.

Experience

Required

Less than 5 years: A minimum of 0-5 years of experience required.

Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities

The contractor will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information. 41 CFR 60-1.35(c)

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