Post Doctoral Fellow – Neutron Scattering

JOB ID: 51850

LOCATION: Columbia, Missouri

Hiring Department

Research Reactor

A life-saving operation in the middle of America — the <https://www.murr.missouri.edu/> — needs you to help guide its future. MURR is expanding its critical cancer-fighting and medical isotope production.

MURR’s reactor is the highest-power university research reactor in the United States, operating at 10 megawatts, 6.5 days a week and 52 weeks a year. The MURR facility enables research across many disciplines – From investigating ancient cultures and how plants respond to their environment, to analyzing industrial materials and developing radiopharmaceuticals that have lifesaving clinical applications. The MURR facility is a reliable resource for researchers, scientists, engineers and students across the country.

Be a part of the future of fighting cancer and saving lives.

Be a part of MURR.

Job Description

The University of Missouri Research Reactor Center (MURR) has an opening for a Postdoctoral Research Associate position. MURR is the largest neutron source (10MW) on a US campus and is well-suited for neutron scattering research. It currently operates 4 instruments: a triple-axis spectrometer, a reflectometer, and two powder diffractometers.

Primary Responsibilities:

The successful candidate is expected to enhance the MURR neutron scattering program by contributing to ongoing and emerging neutron scattering research projects and to assist in the upkeep and maintenance of the MURR scattering instruments. There will be room for independent research that utilizes the instruments and capabilities at MURR.

Qualifications

Candidates are expected to have a PhD in physics, chemistry or materials science by start of the appointment.

Candidates will be evaluated on:

• Strong background in neutron scattering

• Scientific qualifications

• Experience with neutron scattering hardware

• Ability to communicate effectively

• Strong communication skills and ability to work as a team

Application Materials

Please submit a CV with list of publications and professional activities, and a statement of research interests and accomplishments.

References will be requested if required after interview.

Benefit Eligibility

This position is eligible for University benefits. As part of your total compensation, the University offers a comprehensive benefits package, including medical, dental and vision plans, retirement, and educational fee discounts for all four UM System campuses. For additional information on University benefits, please visit the Faculty & Staff Benefits website at <https://www.umsystem.edu/totalrewards/benefits>.

Values Commitment

We value the uniqueness of every individual and strive to ensure each person’s success. Contributions from individuals with diverse backgrounds, experiences and perspectives promote intellectual pluralism and enable us to achieve the excellence that we seek in learning, research and engagement. This commitment makes our university a better place to work, learn and innovate.

In your application materials, please discuss your experiences and expertise that support these values and enrich our missions of teaching, research, and engagement.

Equal Employment Opportunity

The University of Missouri System is an Equal Opportunity Employer. Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, or protected veteran status, or any other status protected by applicable state or federal law. This policy applies to all employment decisions including, but not limited to, recruiting, hiring, training, promotions, pay practices, benefits, disciplinary actions and terminations. For more information, visit <https://www.umsystem.edu/ums/hr/eeo> or call the Director of Employee and Labor Relations at 573-882-2146.

To request ADA accommodations, please call the Director of Accessibility and ADA at 573-884-7278.

To apply, visit: <https://apptrkr.com/5311347>