

Position description: A Postdoctoral Research Associate position is available in the Department of Molecular Biology and Biophysics at UConn Health in Farmington, CT. The research project will focus on developing workflows for data processing and analysis of NMR studies of disordered proteins, in collaboration with the Kriwacki lab at St. Jude Children's Research Hospital. The work involves analysis of high-resolution NMR spectroscopy data, as well as data from allied and complementary biophysical techniques, and theory and simulation. The position is suited for a trained protein NMR spectroscopist with advanced computational skills. The vibrant environment at UConn Health includes the teams responsible for the Biological Magnetic Resonance Data Bank (bmr.io) and the National Center for Biomolecular NMR Data Processing and Analysis (nmrbox.org), as well as exceptional computational resources. The Kriwacki lab has extensive experience in the fields of intrinsically disordered proteins and liquid-liquid phase separation. Data from St. Jude will include NMR data collected at 1.1 GHz, the highest magnetic field available for solution NMR studies in the US.

Qualifications: A Ph.D. in Chemistry, Physics, Biochemistry, Biophysics, or a related discipline, a minimum of three years of experience with multi-dimensional NMR experiments on proteins, excellent communication and computer programming skills are required. Salary is commensurate with experience.

The review of applications will begin immediately and continue until the position is filled. To apply, please send CV, three relevant publications, a short description of research experience, and arrange for three letters of reference. Materials should be sent electronically to hoch@uchc.edu.

UConn Health is an Equal Opportunity Employer. Applications from women and under-represented minority candidates are especially encouraged.