

Postdoctoral positions in Musculoskeletal MRI in New York City

We have two positions available for motivated postdoctoral candidates in technology development and translation of quantitative musculoskeletal MRI. These collaborative projects between *New York University (NYU) Grossman School of Medicine* and *Stanford Medicine* aim to develop and validate innovative methods to study skeletal muscle pain and optimize treatment strategies. The research will be conducted at the *Center for Biomedical Imaging (CBI)* within the Department of Radiology at NYU Langone, located in Midtown Manhattan.

The successful applicants will have the opportunity to learn all phases of biomedical imaging including data acquisition, pulse programming, quantitative data analysis, clinical translation of methods, and deployment in biomechanics applications. Our center offers the opportunity to collaborate with a multidisciplinary team of scientists, engineers, and clinicians. Additionally, there will be opportunities to collaborate with researchers at Stanford University, with opportunities to spend time there if desired. We welcome both domestic and international applicants.

Qualifications:

- PhD in Biomedical Engineering, Medical Physics, Radiology, or a related field
- Prior experience with imaging, preferably with musculoskeletal applications
- Technical background in MRI, computer vision, or image analysis preferred
- Ability to work both independently and as part of a team

What we offer:

- Competitive salary and benefits package
- Subsidized housing within walking distance from the NYU Langone campus (subject to availability)
- Opportunity to work in a vibrant, collaborative research environment
- Access to state-of-the-art MRI facilities and resources
- Mentoring to facilitate transition to an independent research position, if desired

We are committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply and will receive consideration without regard to race, color, gender, gender identity or expression, sexual orientation, national origin, age, religion, creed, or disability

How to Apply:

Interested candidates should submit their CV, a cover letter, and contact information for three references to Valentina Mazzoli, Ph.D (Valentina.Mazzoli@nyulangone.org)

