

Turn water into brain science, and probe tissue microstructure

Postdoctoral positions are available at the **NYU School of Medicine, MRI Diffusion & Biophysics group**, led by Els Fieremans and Dmitry Novikov. Our goal is to make clinical MRI pathology-specific, quantitative and reproducible. Our NIH-funded projects collectively entail rethinking the whole MRI pipeline, from image reconstruction (to reduce noise), to artifact correction, to biophysical modeling and model validation, to clinical translation.

While working with us, you will be part of a broader NYU microstructure ecosystem with collaborative opportunities for animal validation (Gene Kim and Jiangyang Zhang), sequence development (Steven Baete), image analysis (Jelle Veraart), and clinical translation (Timothy Shepherd and Yvonne Lui). At the time of joining our team, you are expected to have a Ph.D. in biomedical engineering, computer science, physics, neuroscience or related fields. For particular projects and related required experience, please see <http://diffusion-mri.com/jobs>



Dr. Els Fieremans, left, and Dr. Dmitry Novikov lead the MRI Diffusion & Biophysics group. Learn more about the group at <http://diffusion-mri.com>.

Interested or want to know more? Please email your questions / application to meso@diffusion-mri.com

