

Stanford Postdocs in Cardiac or Body MRI



4D-Flow

ML-based Motion Encoding

Quantitative CMR

The CMR Group at Stanford is looking for thoughtful and creative postdocs to join our team. We seek to develop new MRI methods, validate sequence performance, and translate our best work to the clinic.

Our **technical work** focuses on quantitative motion encoding (diffusion, displacement, and velocity), gradient waveform optimization, and ML-based methods for MRI acquisition, reconstruction, and analysis. Our **clinical focus** includes **cardiac** and **body** imaging for pediatrics and adults.

- MRI sequence development (Siemens & GE)
- MR image reconstruction and analysis
- Cardiac structure, function, flow, & remodeling
- Body diffusion imaging; Fast liver imaging
- Clinical studies; data curation and analysis
- C/C++, Python, Matlab, LaTeX, Open-source
- TensorFlow and PyTorch

Who: PhD or MD scientists with: 1) technical interest in MRI sequence development; image reconstruction; and/or analysis. 2) interest in quantitative cardiac and body applications for pediatrics and/or adults.

What: Join a team with diverse interests and expertise and a love for all things MRI.

Where: Cardiac MR Group in RSL and the Dept. of Radiology at Stanford University.

When: Start anytime, including remote starts.

Why: Contribute to meaningful projects; plan for a future in academic, industrial, or government research; become a grant writing expert; and learn to meet your professional goals.

Interested? Please contact **Daniel Ennis:**

dbe@stanford.edu

Connect with me at ISMRM!



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