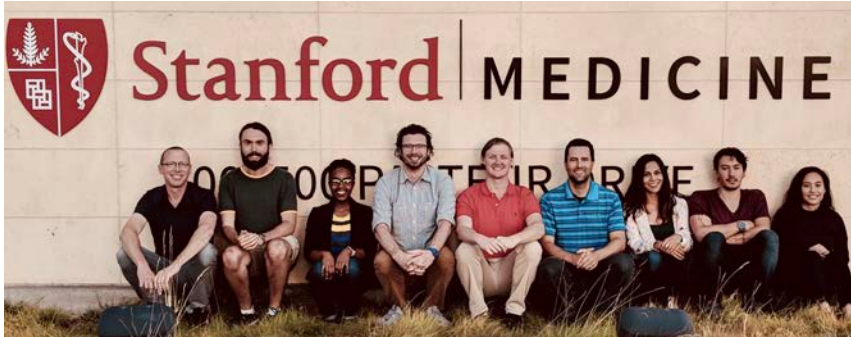


# Hiring: Stanford Post-Docs in Cardiac and Cardiovascular MRI



4D-Flow      ML-based Motion Encoding      Quantitative CMR

Dr. Daniel Ennis and the CMR Group at Stanford are looking for thoughtful post-docs to join our team. We seek to develop new cardiac and cardiovascular quantitative 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), time-optimal gradient waveform design, and ML-based methods for sequence design, acquisition, reconstruction, and analysis. Clinical foci include pediatric Duchenne cardiomyopathy, and heart failure & atrial fibrillation in adults.

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

**Who:** PhD scientist with expertise in MRI sequence development; image reconstruction; and/or analysis, and an interest in cardiac/cardiovascular applications in pediatrics and/or adults.

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

**Where:** Cardiac MR Group in the Department of Radiology at Stanford University

**When:** Start anytime, including remote starts.

**Why:** Contribute to meaningful projects; make plans for a future in academic, industrial, or government research; and learn to meet your professional goals.

Interested? Please contact Daniel Ennis:

[dbe@stanford.edu](mailto:dbe@stanford.edu)



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