Strategic Plan

Aligned with our strategic aims of **Expand Our Reach and Team Science & Moonshots**, we are using this space to highlight the outstanding multidisciplinary work our people are leading to promote collaboration between our department and other departments at UCSF and beyond.

The UCSF Hyperpolarized Carbon-13 MRI program ([link](#)) is a world-leading effort to develop and disseminate this emerging technology, which enables real-time noninvasive investigation of tissue metabolism previously inaccessible by imaging. This program also opens new avenues for the diagnosis and treatment monitoring of various cancers and other diseases. Currently active Hyperpolarized carbon-13 studies have received over 70 million dollars in federal and private funding.

This team science involves numerous investigators:

**HMTRC Research Faculty**
- Dan Vigneron
- John Kurhanewicz
- Sabrina Ronen
- Peder Larson
- Jeremy Gordon, Duan Xu
- Robert Bok, Renuka Sriram
- Yan Li, Myriam Chaumeil
- Donna Peehl, Jason Crane
- Pavithra Viswanath and others

**Clinical Faculty**
- Robert Flavell
- Michael Ohliger
- Javier Villanueva-Meyer
- Jane Wang
- David Wilson

**Collaborating faculty** from the Cancer Center, Cardiology, Hepatology, and Nephrology.

**Partnerships** with many colleagues around the country and the world.

We know many of you are building similar collaborative and high impact programs across all of our mission areas, and would love to hear from you.

Contact: [Dr. Jane Wang](#)