



Advanced Whole-Body Diffusion Weighted MRI

University of California San Diego

The Center for Multimodal Imaging and Genetics at the University of California San Diego invites applicants for a postdoctoral research position in multimodal image analysis methods development for the diagnosis of metastatic cancer. We are looking to strengthen a team aimed at building the next generation of image acquisition protocols, analysis pipelines, and visualization tools for an ongoing whole-body MRI study of patients with metastatic cancer, funded by the U.S. Department of Defense and the Prostate Cancer Foundation.

This work includes collaboration with faculty and trainees from multiple departments at UC San Diego, including Radiology, Radiation Medicine, Urology, Bioengineering, and Medicine. The Center for Multimodal Imaging and Genetics is a leader in imaging research, with numerous investigators and wide-ranging expertise. The Center is led by Anders Dale, PhD.

Preferred candidates will have:

- A Ph.D. or equivalent degree in Medical Physics, Imaging Sciences, Bioengineering, Computer Science or related field.
- Research experience in quantitative MRI (or quantitative skills in another field).
- Extensive experience with Matlab, Python, C/C++ or other programming languages.
- Excellent organizational and problem-solving skills; ability to plan, prioritize and keep multiple projects/tasks moving forward at once.
- A track record of documented productivity and should be comfortable working both independently and as part of an inter-disciplinary team environment.

If interested, please submit a current CV, a personal statement describing your experience and interests to Mary Roberson (mmroberson@ucsd.edu).

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity. All qualified applicants will receive consideration for employment without regard to gender, race, color, religion, sex, sexual orientation, national origin, disability, age or protected veteran status.