

Postdoctoral position in molecular imaging with stable isotope tracers

One postdoctoral training position is available in the laboratory of Stefan Gloeggler, in the Advanced Imaging Research Center at UT Southwestern Medical Center to investigate new molecular imaging approaches using stable isotopes (e.g. ^2H , ^{13}C , ^{15}N). The project includes deuterium MRI as well as hyperpolarized MRI for applications in cancer research.

Research project:

- Performing molecular imaging studies using preclinical cancer models with deuterium MRI and hyperpolarized imaging agents
- Investigating newly developed molecular imaging agents in disease models
- Collaborating on hyperpolarization studies with parahydrogen

Qualifications:

Candidates must hold a Ph.D. degree, preferably in biochemistry, biology, biophysics or a related discipline. Expertise in hyperpolarization or deuterium MRI studies, preclinical studies and experience with writing IACUC applications is desirable.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

[Stefan Gloeggler, PhD](#)

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