



FDA/CDRH's Office of Science and Engineering Laboratories (OSEL) undertakes regulatory science research to accelerate patient access to innovative, safe and effective medical devices. We are recruiting scientists and engineers to develop innovative methods for MRI safety evaluation of implantable medical devices. Specific desirable skills and experience include:

- Characterization and measurement of electromagnetic fields in the MR environment.
- Phantom-based measurements of implant heating under radiofrequency exposures.
- Computational modeling of electromagnetic fields and bioheat transfer.
- Development and/or use of virtual anatomical tissue and patient models.
- Familiarity with MR safety standards used in medical device evaluation, such as ISO/TS 10974 or ASTM F2182.

The position is based at FDA's White Oak campus in Silver Spring, Maryland and U.S. citizenship is required.

For more information and how to apply, please click here:

<https://www.usajobs.gov/job/877043800>

Learn more about OSEL here:

<https://www.fda.gov/about-fda/cdrh-offices/office-science-and-engineering-laboratories>

