

Neuroradiology - Physician Scientist

Champaign-Urbana, Illinois

Carle Health and the Carle Illinois College of Medicine are seeking a BE/BC Fellowship-Trained Neuroradiologist to join our expanding academic team in Champaign-Urbana, Illinois. This unique role offers a balanced blend of clinical practice, research and academics, ideal for candidates passionate about advancing neuroimaging and patient care.

This unique opportunity offers equal parts cutting-edge clinical neuroradiology practice and pioneering translational research, with the opportunity to lead groundbreaking 7T MRI investigations designed to solve real-world clinical challenges and redefine the medical imaging and treatment standard of care.

Opportunity Details Include:

General/Clinical:

- **100% Neuroradiology:** NO weekends, NO evenings, NO nights, NO holidays, NO call
- **Comprehensive Stroke Center** with Level I Trauma Center and active Neurosurgical, Neurology and Otolaryngology referral bases
- **Opportunities for flexible scheduling** with private on-site office/workspace
- **State-of-the-art equipment** including a new 7T MRI scanner, Visage PACS, EPIC EMR
- **Candidate must be proficient (or willing to grow) in advanced imaging modalities** including MR spectroscopy/perfusion and fMRI. Basic fluoroscopic-guided spinal procedures and neuro spine plain films interpretations are also a prerequisite
- **Clinical responsibilities include** interpretation of infant, pediatric, and adult cross-sectional examinations of the head, neck, brain, and spine, neuro-relevant plain films, spine service including diagnostic lumbar punctures, myelograms, and intrathecal chemotherapy, advanced and high field 7T MRI interpretation including MR Spectroscopy/Perfusion, CSF cine flow, vessel wall imaging, and fMRI

Research:

- **Dedicated 50% protected research time**, focused on cutting-edge high field MRI neuroradiology research
- **Access to a new 7T MRI scanner** for advanced neuroimaging investigations spanning basic, translational, and clinical research
- **Collaborative research environment** with established Carle/University of Illinois Urbana Champaign (UIUC) scientists and engineers, Carle clinicians across multiple departments, and Carle Illinois College of Medicine students
- **Expectation and support for securing intramural and extramural funding** to develop hypothesis-driven research protocols
- **Publication and academic growth opportunities** with resources to establish an independent research program
- **Build a robust clinical translation program** for 7T MRI, bridging research and clinical environments
- **Experience with high field MRI and proven track record** of academic productivity strongly preferred
- **Articulated plan for translating novel technologies and findings** along one or more translational research lines required

Teaching & Mentorship:

- **Mentor the next generation of radiologists and scientists** including undergraduates, medical students, residents, fellows, graduate students, and post-doctoral candidates
- **Cross-institutional teaching opportunities** with access to both UIUC community and visiting scholars from other institutions
- **Collaborative approach to research and clinical care** expected
- **Faculty appointment through the Carle Illinois College of Medicine**

Why Choose Carle Health and the Carle Illinois College of Medicine?

The candidate will enjoy a very generous compensation package in a stable, vertically integrated Carle Health System, while practicing in a multi-disciplinary setting. The health system has 17,400 employees across 8 hospitals, covers a

population of over 3.2 million patients across central and southern Illinois, western Indiana, and eastern Missouri and Iowa.

The Carle Illinois College of Medicine was founded in 2015 and has now graduated 4 classes of some of the best medical students in the country who over 92% have obtained their #1 program choice in the match. The medical school is part of the University of Illinois Urbana Champaign, with over 60,000 students, UIUC is a vibrant college town with nationally ranked sports teams and academically was recently ranked as one of the top 20 Universities in the WORLD. The Grainger College of Engineering has multiple programs in the top 10 in the country, and its computer science program and the campus' national supercomputing center are unparalleled. Opportunities for interdisciplinary research and collaboration are truly unmatched and an academic appointment in the college of medicine will be commensurate with qualifications and experience.

The Stephens Family Clinical Research Institute (SFCRI) provides the resources to build an intellectual and innovation infrastructure that expands Carle Health's engagement in research and partners with clinicians and scientists to improve medical practices and health outcomes. A broad array of core facilities and research services are available through SFCRI including:

- **Investigator Initiated Research Support** including study design, project management, regulatory strategy consultation and protocol development
- **Data and Biostatistics support** provides clinical data access, biostatistical and machine learning analysis
- **Clinical Research Coordination** provides a professional services supporting patient-engaged research studies and clinical trials with extensive expertise with pharmaceutical and device trials, federally funded and investigator-initiated trials across a comprehensive range of diseases and conditions.
- **Biospecimen Procurement Services** offers processing, preservation, and distribution of high-quality biospecimens
- **Research Imaging Service** experts provide access to and consultation on equipment, methodologies and data analytics approaches for clinical and translational research
- **Intellectual property** protection

About Our Community:

Champaign-Urbana is a very cosmopolitan college town with a population of 150,000, offering not only with a variety of restaurants offering international cuisine, but houses one of the only university airports in the country (American Airlines) and is very close to three large metropolitan areas including Chicago (2 hrs), Indianapolis (1.5 hours), and St. Louis (2.5hrs) by car.

Compensation and Benefits:

The compensation range for this position is \$535,000 - \$560,000. This represents a good faith minimum and maximum range for the role at the time of posting by Carle Health. The actual compensation offered a candidate will be dependent on a variety of factors including, but not limited to, the candidate's experience, qualifications, location, training, licenses, shifts worked and compensation model. Carle Health offers a comprehensive benefits package for team members and providers. To learn more visit careers.carlehealth.org/benefits.