

MRI Senior Research Specialist  
OHIO STATE UNIVERSITY

The Psychology Department, within the College of Arts and Sciences, seeks an MRI Senior Research Specialist to join our team. The College of Arts and Sciences is the largest college and the academic heart of the university. The College hosts 81 majors. With 38 departments, 20+ world-class research centers, and more than 2,000 faculty and staff members, students have the unique opportunity to study with the best artists, scholars, and scientists in their field. The College values diversity and offers a supportive, open, and inclusive community.

The CCBBI, directed by Dr. Ruchika Prakash, is a state-of-the-art imaging center, housing a research-dedicated 3T Siemens Prisma scanner and supporting principal investigators across the university conducting scientific investigations related to human and animal imaging. The MRI Senior Research Specialist remains informed of the latest technical developments in the field of functional MRI, and communicates these developments to users of the facility, both in-person and through research seminars; meets frequently with center users to learn about current and future needs as pertaining to sequences or fMRI techniques; actively engages in the development and use of novel fMRI techniques to improve the technical caliber of the center; provides technical support to current and new pilot and funded research projects at the center; assists center users to optimize MRI, fMRI, and DTI sequences for different experimental needs; works with users to develop custom-tailored sequences; participates in the teaching mission of the center and educates users in image acquisition, processing, and data analysis through comprehensible presentations in research seminars and user workshops; participates with other CCBBI staff in teaching the annual Introduction to fMRI course every spring; maintains proper functioning of the Siemens Prisma MRI system, including quality checks, and related hardware in the facility, and debugs any hardware problem(s), and interfaces with representatives of various hardware vendors to find solutions to problem(s); works with the CCBBI team to maintain and monitor the safety of the participants and the fMRI facility; position available for one year with the possibility of extension based on satisfactory performance and availability of funds.

Successful candidates must have earned a Doctoral degree in MR physics, biomedical engineering, electrical engineering, or related field; research experience in a technical field closely related to MRI, fMRI, and DTI; experience in managing MRI system(s).

If you are interested in being considered for the position, review the full job description and qualifications and apply online at <https://www.jobsatosu.com/postings/103239>, and submit a cover letter detailing background and experiences, a CV, the expected date of availability, and the names and contact of three references.

If you have questions about the position or the center, please contact Dr. Ruchika Prakash at [prakash.30@osu.edu](mailto:prakash.30@osu.edu)

CCBBI Website: <https://ccbbi.osu.edu/>

*To build a diverse workforce, The Ohio State University encourages applications from all individuals. Ohio State is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, or protected veteran status.*