

# Assistant Project Scientist in MRI and Image Processing

Job #JPF09550

- Radiological Sciences / School of Medicine / UC Irvine

**Apply now:** <https://recruit.ap.uci.edu/JPF09550/apply>

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## POSITION OVERVIEW

**Salary range:** A reasonable estimate for this position is \$74,100-94,200 for Exempt and \$35.49-\$45.12 for Non-exempt. See the [Exempt Table](#) and the [Non-exempt Table](#) for the salary range for this position

## APPLICATION WINDOW

**Open date:** March 27, 2025

**Next review date:** Sunday, May 4, 2025 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

**Final date:** Friday, May 30, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

## POSITION DESCRIPTION

The Intelligent Medical Imaging Research lab at UC Irvine has an open position for an Assistant Project Scientist with expertise in Magnetic Resonance Imaging (MRI), medical imaging, image processing, and deep learning. The lab's focus is on motion-robust magnetic resonance imaging using pulse sequence design, image reconstruction, and real-time image processing, for brain, body, and fetal applications.

**Responsibilities:** The successful candidates will lead projects and develop new MRI and new image processing techniques for enhanced medical imaging. The work includes developing new MRI techniques, including diffusion MRI, functional MRI, and quantitative MRI, algorithm and software development, leading projects and supervising junior researchers, students, and postdocs, and preparing papers, presentations, and reports.

**Preferred Qualifications:**

Demonstrated deep knowledge and experience in magnetic resonance imaging.

Demonstrated experience in C++/Python/CUDA programming for deep learning.

Demonstrated development of new deep learning methods for MRI.

Experience in MRI image reconstruction; motion and distortion correction in MRI.

Excellent scientific writing and communication skills.

**Location:** The Intelligent Medical Imaging Lab is in the Irvine Campus of UCI, situated in Orange County, year-round pleasant climate, and stunning Pacific Ocean locales. The area offers excellent recreational opportunities.

The position is available immediately and will remain open until filled. Interested candidates should apply through UC Irvine's recruitment at:

<https://recruit.ap.uci.edu/JPF09550>

For further information pertaining to this recruitment, please contact:

Shelley Mueller

HR Analyst

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714.509.6094

**Department:** <https://radiology.uci.edu/about-us/>

## QUALIFICATIONS

**Basic qualifications** (required at time of application)

PhD in electrical or biomedical engineering, medical physics, computer science, applied mathematics, or a related field, with experience in MRI, image processing, medical imaging, and deep learning.

## APPLICATION REQUIREMENTS

**Document requirements**

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research
- Teaching Statement - See our [guidance for writing a reflective teaching statement](#)
- Inclusive Excellence Activities Statement - Statement addressing how past and/or potential contributions to inclusive excellence will advance UCI's [Commitment to Inclusive Excellence](#). See our [guidance for writing an inclusive excellence activities statement](#)

**Reference requirements**

- 3-5 required (contact information only)

**Apply link:** <https://recruit.ap.uci.edu/JPF09550>

## ABOUT UC IRVINE

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC anti-discrimination policy.

As a condition of employment, the finalist will be required to disclose if they are subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct, are currently being investigated for misconduct, left a position during an investigation for alleged misconduct, or have filed an appeal with a previous employer.

- “Misconduct” means any violation of the policies or laws governing conduct at the applicant’s previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment, discrimination, dishonesty, or unethical conduct, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy for Employees, Students and Third Parties](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#).

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

## JOB LOCATION

Irvine