

**Position Specification**  
**Cardiothoracic Radiology**  
**University of California, Irvine-located in Irvine, CA**



## **The Opportunity:**

UCI Health is Orange County's only academic health system and is home to renowned healthcare providers and leading-edge medical facilities. The Department of Radiological Sciences at the University of California, Irvine School of Medicine, is currently seeking an exceptionally qualified radiologist to serve in the **Section of Cardiothoracic Imaging**. Candidates will be fellowship trained in cardiothoracic imaging.

The Cardiothoracic Imaging faculty at UCI are involved in interpreting chest radiographs, cardiothoracic CT and MR, and whole-body vascular CTA and MRA. The section is collegial and collaborative with passion for academic radiology. The successful candidate will be expected to participate in multidisciplinary meetings with cardio-pulmonary medicine, infectious disease, and vascular and cardiothoracic surgery. She or he will share clinical duties with other cardiothoracic section members.

As the **only academic radiology department in Orange County**, UCI Radiology continues to innovate and excel in medical imaging research and clinical care. The Department of Radiological Sciences has the most advanced imaging equipment. The latest MRI (3T and 1.5T), photon counting CT, wide-detector spectral CT, SPECT/CT and PET/CT technology are available in our outpatient centers. In addition, there are 320-slice CT, 3T MRI, and 9.4T small animal MRI research scanners for pre-clinical research.

The UC Irvine Medical Center in Orange, California, is a 411-bed tertiary and quaternary care hospital with all residencies located on its state-of-the-art campus in urban Orange County. A new state-of-the-art satellite hospital in Irvine, California, is scheduled to open in late 2025. Additionally, UCI has been **ranked among the 50 best U.S. medical schools for research, and it is widely regarded as one of California's leading research institutions**. Orange County is world renowned for its natural beauty, perfect year-round climate, economically vibrant communities, gorgeous waterfront locations on the Pacific Ocean, and incomparable recreational and cultural opportunities abound.

## **Key Responsibilities:**

The incumbent will be expected to perform a combination of the following duties:

Teach fellows, residents, and medical students; provide patient care; contribute to scholarly activities; and provide public and University service.

## **The Candidate:**

### **Education/Certifications/Licensure**

UCI is especially interested in qualified candidates who can contribute through their research, teaching and/or service to the diversity and excellence of the academic community.

- M.D. or D.O. degree or equivalent.
- Board certification or eligibility by the American Board of Radiology.

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### *Cardiothoracic Imaging Faculty, Department of Radiological Sciences*

- Fellowship trained in Cardiothoracic Imaging.
- Active and unrestricted California Medical License or eligibility for State of California Medical Licensure.
- Rank and academic track will be commensurate with candidate training, qualifications, and experience.

### **Professional Qualifications/Experience:**

- A documented interest in academic radiology.
- Fellowship training in Cardiothoracic Imaging.
- Interest in clinical teaching.

The University of California, Irvine strongly encourages applications from all qualified applicants, including women and minorities. UCI offers excellent salary and benefits with an incentive plan. Salary and rank will be commensurate with qualifications and experience.

## **Division of Cardiothoracic Imaging**

### **Department of Radiological Sciences**

### **UCI School of Medicine | UCI Health**

The [Division of Cardiothoracic Imaging](#) offers the most comprehensive imaging and diagnostic imaging services of the cardiac, whole body vascular and thoracic diseases. All imaging procedures are performed using advanced imaging modalities with lowest level of radiation.

- Productivity benchmark is based on the 50% of AAARAD as reported.
- Referrals are largely from the UCI Health network of providers.
- A team of 23 staff members support the department with finance, research, education, and human resources.
- The Department has Lab and office space located in Orange and on the Irvine campus.
- Cardiovascular and Thoracic Imaging [fellows](#) are trained in diagnostic imaging of the cardiac, whole body vascular and thoracic diseases using radiography, CT, CTA, MRI, and MRA.
- Faculty members are exposed to the latest science and research in all aspects of cardiovascular and thoracic radiology. There are collegial relationships with all services.



### **Conditions we address:**

#### **Pulmonary**

- Lung cancer: primary and pulmonary metastatic disease
- Respiratory diseases
- Interstitial lung diseases
- Pulmonary fibrosis
- COPD, Airways diseases, and Emphysema
- Pulmonary embolism

#### **Cardiac**

- Coronary artery disease
- Adult and congenital heart disease
- Cardiomyopathies
- Valvular heart diseases
- Preoperative cardiac imaging for TAVR, watchman device, ASD closure device, pulmonary vein ablation, etc.



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#### Vascular

- Congenital and acquired vascular disease
- Acute aortic syndrome, Aneurysm, Dissection, Intramural hematoma
- Pre and post TEVAR and EVAR
- TAVR planning
- Vasculitis
- Traumatic vascular injury
- Peripheral arterial disease
- Central venous obstruction, dialysis fistulas and grafts, DVT
- May-Thurner syndrome, SMA syndrome, SVC syndrome, pelvic congestion syndrome, etc.

#### **Clinical Programs – TAVR Program:**

##### **ECG Gated CT of Transcatheter Aortic Valve Replacement (TAVR) Planning.**

At UCI Medical Center, our mission for optimal care of TAVR patients goes even further, as we review every TAVR patient candidate's clinical status and CT studies during a weekly multidisciplinary conference with our TAVR team of cardiologists, cardiovascular surgeons, and cardiothoracic radiologists to ensure optimal patient selection and treatment planning. Teamwork between cardiothoracic radiologists, interventional cardiologists and cardiothoracic surgeons is essential for great outcomes in a TAVR program.

## Department of Radiological Sciences

### UCI School of Medicine | UCI Health

The Department of Radiological Sciences at UC Irvine's [School of Medicine](#) is dedicated to conducting leading-edge research, providing the highest quality clinical education, and delivering state-of-the-art care to our patients through the advanced diagnosis and treatment of disease through biomedical research. The



department performs approximately 350,000 radiological exams per year through the utilization of all imaging modalities which include conventional radiography, angiography, ultrasonography, CT, MRI, and nuclear medicine. The department is comprised of more than 60 clinical and research faculty, with sub-specialization in organ system imaging and therapy. Many radiology faculty members are nationally and internationally recognized for their role in clinical care and major contributions to academic radiology.

#### **Mission and Strategy:**

- To provide high-quality and cutting-edge radiology services, thus ensuring the best clinical care to patients.
- To provide top-notch and state-of-the-art training to the next generation of radiology residents, fellows, technologists, and healthcare professionals in a dynamic environment.
- To support research programs in basic sciences and clinical radiological research, thereby contributing to the understanding of disease.

#### **Groundbreaking research:**

The doctors of the Department of Radiological Sciences are a combination of physicians, scientists, and UC faculty members; all are committed to providing the highest quality and most advanced patient care available. The unique educational and [research](#) environment of the UC Irvine School of Medicine and [UC Irvine Medical Center](#) allows us to foster groundbreaking biomedical imaging research with the potential to significantly

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improve diagnostic imaging and lifesaving interventional radiologic procedures. The department's scientists and physicians are constantly working to develop new technologies and imaging techniques that will become the medical imaging examinations and medical interventions of tomorrow. Department is ranked in the top 35 nationally for its federal funded research.

#### **Clinical Service:**

The department offers state-of-the-art imaging services including digital radiography, 3D mammography, ultrasonography, CT, MRI, nuclear medicine, and molecular imaging, as well as image-guided therapies. With access to some of the most advanced technology available, including PET/CT, high-field MRI, digital mammography, and state-of-the-art interventional radiology suites, UC Irvine's radiologists diagnose and treat a variety of conditions, including liver and kidney tumors, uterine fibroids, and stroke.



UCI radiologists are subspecialized, possessing advanced expertise in specialties such as cardiothoracic imaging, musculoskeletal imaging, and breast imaging. Such specialized knowledge results in better and more effective patient care. Thus, the department is frequently called upon to provide specialty interpretations for imaging centers throughout California.

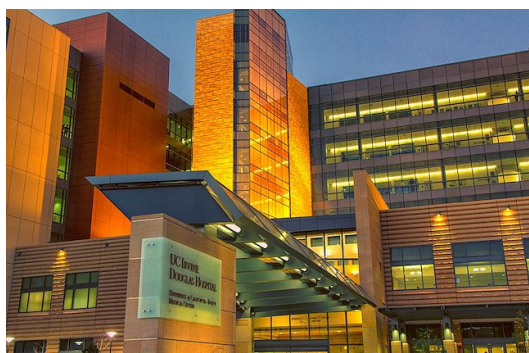
#### **Dedicated to education:**

Along with providing outstanding patient care, the Department of Radiological Sciences is dedicated to [educating current and future radiologists](#) in the newest technologies and medical techniques. Our vast collection of books and teaching files, in combination with our lectures and facilities, act as vital tools for advanced education in radiology. We have highly experienced faculty members who will take a personal interest and devote their time to teaching. As a result, the department has trained nearly 300 board-certified radiologists, many of whom have gone on to leadership positions at other hospitals.

Additionally, the department offers fellowships in seven different subspecialty areas for advanced clinical training.

#### **At the forefront:**

The department's scientists and physicians are constantly working to develop new technologies and imaging techniques that will become the medical imaging examinations and medical interventions of tomorrow. With its emphasis on thorough, compassionate healthcare, advanced technology, in-depth teaching and leading-edge research, UC Irvine's Department of Radiological Sciences is at the [forefront of medical care](#). In fact, UCI Medical Center is the **first hospital on the West Coast to use portable MRI technology**.



The recently rebuilt UC Irvine Medical Center, located in the heart of Orange County, is home to the county's only Level I trauma center, its only nationally designated comprehensive cancer center, and a modern acute care hospital. Within the new hospital, the spacious Department of Radiological Sciences houses state-of-the-art equipment including newly redesigned reading rooms, modern angio/interventional suites, and brand-new computers running the latest in PACS/dictation software. Didactic conferences are held in the department's state-of-the-art conference room.

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#### UCI Health:

[UCI Health](#) is the clinical enterprise of the University of California, Irvine. Patients can access UCI Health at primary and specialty care offices across Orange County and at its main campus, UCI Medical Center in Orange, California. The 411-bed acute care hospital provides tertiary and quaternary care, ambulatory, and specialty medical clinics, as well as behavioral health and rehabilitation services. UCI Medical Center is home to Orange County's only National Cancer Institute-designated comprehensive cancer center, high-risk perinatal/neonatal program and American College of Surgeons-verified Level I adult and Level II pediatric trauma center and regional burn center. UCI Health serves a region of nearly 4 million people in Orange County, western Riverside County, and southeast Los Angeles County.

#### **The Organization:**

##### **University of California, Irvine**

In 1965, the [University of California, Irvine](#) (UCI) was founded with a mission to catalyze the community and enhance lives through rigorous academics, cutting-edge research and dedicated public service. Today, UCI draws on the unyielding spirit of our pioneering faculty, staff, and students who arrive on campus with a dream to inspire change and generate new ideas. We believe that true progress is made when different perspectives come together to advance our understanding of the world around us. And, we enlighten our communities and point the way to a better future. At UCI, we shine brighter.



UCI is consistently recognized as trailblazer in a broad range of fields, garnering national and international honors in every school. The campus's diverse academic offerings paired with world-class leadership create an environment worthy of any passionate, dedicated scholar.

#### **UCI Points of Pride:**

- For the 21<sup>st</sup> consecutive year, *U.S. News & World Report* has recognized **UCI Medical Center as one of America's Best Hospitals.**
- More than 100 UCI Health doctors are named as "**Physicians of Excellence**" by the Orange County Medical Association.
- UCI is located in one of the **world's safest and most economically vibrant communities** and is Orange County's **second-largest employer**, contributing **\$5 billion** annually to the local economy.
- Classified as a Research I University and in 2019 received a record \$441 million in research funding, a 22 percent increase from last year. UCI is widely regarded as one of California's leading research institutions.
- UCI is **one of 65 universities** in the U.S. and Canada elected to membership in the prestigious Association of American Universities (AAU).
- UCI is considered to be one of the "Public Ivies," meaning that it is among those publicly funded universities thought to provide a quality of education comparable to that of the Ivy League.
- *Money* magazine ranked UCI the **No. 1 Best College** in the nation.
- UCI is ranked No. 8 on *Money's* list of "**Best Colleges for Transfer Students.**"
- UCI is ranked **8th best public university** in the nation and 35<sup>th</sup> among all American universities – public and private, according to the annual *U.S. News & World Report* "America's Best Colleges."
- The campus has produced three **Nobel laureates** and is known for its academic achievement, premier research, innovation, and anteater mascot.

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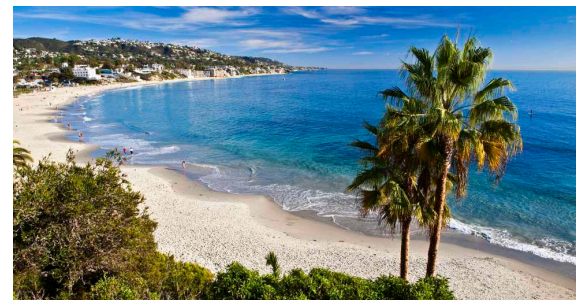
- *The New York Times* named UCI **No. 1 among U.S. universities "doing the most for the American dream"** in its College Access Index.
- *Forbes* recognizes UCI as a one of **America's Best Employers for Diversity, 2020**. UCI ranks 18<sup>th</sup> overall and 4<sup>th</sup> in education.
- UCI is rated as "**Best Regional College**" by The Princeton Review.
- *Money* magazine named UCI the No. 1 university for beach lovers.
- *The Princeton Review's Green College Honor Roll* lauded UCI for its environmentally responsible policies, healthy and sustainable quality of life for students, and green educational opportunities.
- UCI ranks **No. 2 for Top Schools for Environment** by *The Wall Street Journal* and *Times Higher Education*.
- UCI has more than 36,000 students and offers 222-degree programs.

For more rankings and facts, [click here](#).

## Location:

### **Irvine, California / Orange County**

*Destination beaches. Pristine hiking and bike trails. World-class entertainment. Elite education. Exciting career prospects. Unlimited possibilities.*



[Irvine, California](#) is an economic powerhouse and offers an extraordinary quality of life. Located in the heart of beautiful Orange County, UCI is nestled between Los Angeles and San Diego counties and just five miles from SoCal's sunny shores. A cornerstone of Irvine, one of the safest cities in the U.S. and home to Southern California's burgeoning tech coast, UCI is the perfect place to study, work, live and play. UCI's close proximity to shopping, amusement parks, premier arts and cultural centers, and industry leaders make UCI a destination unlike any other. Discover how Irvine combines the best of a college town community with the vibrant opportunities of a bustling city.

## Discover Orange County:

- Irvine was voted by CNNMoney.com as the fourth-**Best Place to Live in the United States**.
- In 2012, it was ranked sixth nationally.
- *Businessweek* listed Irvine as the fifth-best city in the United States.
- Irvine was named the **Best-Run City in the U.S.** by *24/7 Wall Street*, 2014.
- The City of Irvine was named **10<sup>th</sup> Best City in America** by Niche.com.
- In 2018, Irvine ranked #2 as **Best Places to Raise a Family** by the personal finance website WalletHub based on scores for family fun, health and safety, education and childcare, affordability, and socio-economic criteria.
- The City of Irvine has been ranked **No. 1 in Fiscal Strength** by Truth in Accounting.
- Irvine ranked No. 15 on Livability.com's list for the **Top 100 Best Places to Live** list.
- Irvine remains the **Safest City of 250,000 or more** in the nation for the 13<sup>th</sup> consecutive year, based upon FBI statistics for violent crime.
- Irvine is 10<sup>th</sup> on the list of **50 Safest College Towns in America** by SafeWise.
- Irvine was voted **Best City to Live** in for the third consecutive year by *Orange County Register* readers in the 25<sup>th</sup> annual *Best of Orange County* publication.
- In 2019, WalletHub listed Irvine as the **second Happiest Place to Live** in the United States.

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For more than 40 years, residents and businesses have been choosing the City of Irvine because of its dedication to maintaining its reputation as one of the safest, master-planned, business-friendly communities in the country. Experience the rewards of living in the [Heart of Southern California](#).

## **Application Instructions:**

For immediate and confidential consideration, please [submit](#) your application at <https://recruit.ap.uci.edu/JPF08478>.

*The University of California, Irvine is an equal opportunity employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities. UCI is responsive to the needs of dual-career couples, is dedicated to work-life balance through an array of family-friendly policies and is the recipient of an NSF Advance Award for gender equity.*