

# Assistant/Associate/Professor in Biomedical Imaging

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## Posting Quicklink

<https://utah.peopleadmin.com/postings/194699>

**Job Number****Job Title**

Assistant/Associate/Professor in Biomedical Imaging

**Proposed Faculty Rank**

Assistant/Associate/Professor

**Department**

00053 - Biomedical Engineering

**City**

Salt Lake City, UT

**Track**

Tenure Track

**New Position to Begin**

July 1, 2026

**Text for Job Vacancy Announcement  
- Web Posting**

The University of Utah seeks candidates who can be world-class leaders in Biomedical Imaging to fill a tenure-track Assistant Professor opening. Exceptional candidates will also be considered at other ranks. This is a collaborative faculty search among the Department of Biomedical Engineering within the College of Engineering and the Department of Radiology & Imaging Sciences within the School of Medicine. Candidates are anticipated to have a primary appointment in an engineering department with a secondary or adjunct appointment in a medical department.

General areas of interest include Biomedical Imaging Hardware Development as well as Biomedical Signal and Image Processing of all Biomedical imaging modalities. Specific areas of high interest include Image Guided Therapy and Interventions, as well as AI and Computational Imaging. The applicant is anticipated to have a secondary or adjunct appointment in the Utah Center for Advanced Imaging Research (UCAIR), which is composed of 17 PhD faculty and numerous graduate students and postdoctoral fellows in the Radiology & Imaging Sciences Department. Many of the UCAIR faculty perform MRI research, while others investigate CT and molecular imaging. Ultrasound, interventional techniques, and neuromodulation are also current research topics. The medical imaging researchers at Utah work closely with a number of radiologists, physicians, engineers, and scientists in other departments, and seek to have real-world impact. Candidates may also interface with the Scientific Computing & Imaging (SCI) Institute, which facilitates multidisciplinary collaborations across imaging, visualization, high-performance computing, simulation, and data science.

We seek candidates who align with and will strengthen these core pillars.

The University of Utah is a tier-one research institution with extramural research exceeding \$600 million/year over the last 5 years. The medical and engineering complexes are adjacent to each other, providing unique opportunities for imaging development and validation. The University of Utah has also been consistently

ranked as one of the top schools for startup creation, with dedicated space, administrative resources, and venture capital to support academic spinoff companies. University of Utah Health also routinely supports large clinical trials from major medical device companies. Salt Lake City is an economic hub of the Mountain West, home to many Fortune 500 companies.

The Department of Biomedical Engineering (BME) at the University of Utah is one of the oldest Ph.D.-granting programs in the world and is currently home to nearly 200 graduate students. The Bachelor of Science BME degree program is ABET-accredited (Accreditation Board for Engineering and Technology) and graduates approximately 90 undergraduate students each year. The BME department is home to 23 tenure-track faculty, 5 research faculty, and 94 adjunct faculty. All tenure-track faculty in the Department are engaged in extramurally funded research, undergraduate and graduate teaching, and service.

The University of Utah Health Medical Center (UUMC) is the only major academic healthcare system in the Intermountain West, serving individuals from Utah, Wyoming, Nevada, southern Idaho, northern Arizona, northwestern New Mexico, and western Colorado. Accordingly, UUMC serves over 10% of the healthcare needs of the continental US and provides care for a diverse patient population. UUMC is ranked in the top 40 for research among US academic medical centers. This setting is robust in offering patient care, medical education, and health research. The Department of Radiology & Imaging Sciences operates the Utah MRI Research Center (UMRC) that includes four MRI scanners (one 0.55T, and three 3T scanners). A 7T scanner will be arriving at the Huntsman Mental Health Institute (HMHI) at the University of Utah in 2027. Research is also performed using state-of-the-art PET and CT and ultrasound scanners.

The University of Utah campus is nestled in the beautiful Wasatch Mountain foothills of Salt Lake City (SLC). SLC residents enjoy a highly accessible and walkable downtown with vibrant restaurants, sports, nightlife, cultural events, easy access to national parks, world-class skiing/snowboarding, hiking, fishing, biking, climbing, and rafting/kayaking. Salt Lake City is the epicenter of one of the fastest-growing metropolitan areas in the United States, with a current population of approximately one million residents. Utah has been ranked as the #1 state by US News and World Report for 3 years in a row now. The region has grown into a major hub for technological innovation and offers a rich art and cultural scene. The recently expanded international airport is within 15 minutes from downtown and offers direct flights to most U.S. cities as well as numerous international flights to Europe, Asia, and South America. The culturally diverse city has also been attracting minorities of a variety of origins (e.g., 21.5% of Latino population). More than a third of Utah's ethnic/racial minorities are children or youth under the age of 18 years, and the Salt Lake City School District is now a majority minority district, with one in five Salt Lake County residents speaking a language besides English at home. The International Rescue Committee, headquartered in Salt Lake, is one of eight national resettlement committees committed to helping people with refugee status thrive in the United States.

#### **EEO/Non-Discrimination Information**

All qualified individuals are strongly encouraged to apply. Veterans' preference is extended to qualified applicants, upon request and consistent with University policy and Utah state law. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities.

The University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, ethnicity, color, religion, national origin, age, disability, sex, sexual orientation, gender, gender identity, gender expression, pregnancy, pregnancy-related conditions, genetic information, or protected veteran's status. The University does not discriminate on the basis of sex in the education program or activity that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about the application of Title IX and its

regulations may be referred to the Title IX Coordinator, to the Department of Education, Office for Civil Rights, or both.

To request a reasonable accommodation for a disability or if you or someone you know has experienced discrimination or sexual misconduct including sexual harassment, you may contact the Director/Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action (OEO/AA). More information, including the Director/Title IX Coordinator's office address, electronic mail address, and telephone number can be located at:

<https://www.utah.edu/nondiscrimination/>

Online reports may be submitted at [oeo.utah.edu](http://oeo.utah.edu)

## Notice

The University is a participating employer with Utah Retirement Systems ("URS"). Eligible new hires with prior URS service, may elect to enroll in URS if they make the election before they become eligible for retirement (usually the first day of work). Contact Human Resources at (801) 581-7447 for information. Individuals who previously retired and are receiving monthly retirement benefits from URS are subject to URS' post-retirement rules and restrictions. Please contact Utah Retirement Systems at (801) 366-7770 or (800) 695-4877 or University Human Resource Management at (801) 581-7447 if you have questions regarding the post-retirement rules.

This position may require the successful completion of a criminal background check and/or drug screen.

<https://safety.utah.edu/safetyreport> This report includes statistics about criminal offenses, hate crimes, arrests and referrals for disciplinary action, and Violence Against Women Act offenses. They also provide information about safety and security-related services offered by the University of Utah. A paper copy can be obtained by request at the Department of Public Safety located at 1658 East 500 South.

## Special Instructions for Candidates

Candidates must have a demonstrated track record of high-impact research as evidenced by scholarly publications and must exhibit strong potential or an established record of extramural funding and teaching effectiveness. Applicants are expected to have a Ph.D., Sc.D., or M.D. with research experience in biomedical imaging. Evidence should be provided of accomplishments and experiences that have prepared the applicant for diverse constituents in research, teaching, and service. Candidates are expected to establish an independent, extramurally supported research program, conduct collaborative research, be engaged in service activities, and teach engineering courses at the undergraduate and graduate levels.

Candidates with experience with clinical trials, entrepreneurship, and industry collaborations are especially encouraged to apply. We seek individuals who demonstrate exceptional potential for or evidence of leading a high-impact, world-class, fully funded research program that will support training Ph.D. students over decades. All candidates must have a strong aptitude for effective teaching in core and specialized areas of our curriculum at the undergraduate and graduate levels. Faculty responsibilities include developing and maintaining an internationally recognized research program, delivering effective classroom instruction at all levels, and service within the University and within professional communities.

Applicants should apply online and include a CV, names and contact information for at least three professional references, a research statement, a teaching statement, and a cover letter. Applications will be reviewed upon receipt starting in February 2026 and will be accepted until the position is filled.

**Open Date**

02/03/2026

**Close Date**