

Associate Professor/Professor in Computational Oncology
University of Utah

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Posted Oct. 1, 2024, set to expire Jan. 28, 2025

Job Title	Associate Professor/Professor in Computational Oncology
Department	Engineering
Institution	University of Utah Salt Lake City, Utah
Date Posted	Oct. 1, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professor Associate Professor
Academic Field(s)	Computer/Information Sciences Biomedical Sciences Biology - Computational
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Job Description

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Associate Professor/Professor in Computational Oncology

Details

The Scientific Computing and Imaging (SCI) Institute at the University of Utah is growing and pursuing [multiple new faculty hires over the next 3 years](#)

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. These hires will expand the core research expertise at the SCI Institute, further enhance its strong research reputation in scientific, information, and biomedical visualization; image and data analysis; and interdisciplinary scientific computing. A major goal is to attract new partnerships across the University and beyond. Candidates whose research expertise integrates social and technical aspects are of particular interest.

This specific recruitment is for a senior-level tenure track faculty position within the SCI Institute as part of a new faculty Cluster in Computational Oncology (CCO). Advanced computing, data science, imaging, and visualization are central to solving fundamental problems in cancer research and care. CCO is a highly innovative collaboration between [Huntsman Cancer Institute, the University of Utah's Comprehensive Cancer Center](#) and the Scientific Computing and Imaging Institute at the University of Utah. Together we leverage our internationally renowned research strengths to make lifesaving advances in the prevention, detection, diagnosis, and treatment of cancer.

Initial hires as part of the CCO will consist of two senior positions, including 1) the Senior Director for Data Science at Huntsman Cancer Institute in the Department of Oncological Sciences ([hired in 2022](#)) and 2) this position, a Computational Oncology leader within the SCI Institute. The academic home will be within a department in the College of Engineering, Medicine, or Science. These two senior hires will be followed by multiple junior faculty positions.

For the Computational Oncology leader position, the SCI Institute is looking for an established researcher at the Associate or Full Professor level in an area that aligns with SCI's core research thrusts, i.e., scientific, information, and biomedical visualization, image and data analysis, and interdisciplinary scientific computing, with demonstrated leadership in applications to Oncology. Candidates whose research expertise integrates social and technical aspects are of particular interest. The successful candidate is expected to help coordinate joint initiatives, proposals, and faculty recruitment between the SCI Institute and HCI including the Computational Oncology Research Initiative (CORI) and other Cancer Informatics initiatives. The faculty member is expected to become a Cancer Center member, and as appropriate, may be considered for an adjunct position in the Department of Oncological Sciences.

All candidates are invited to submit a curriculum vitae, a cover letter containing a description of professional experience (including scientific accomplishments, leadership responsibilities and 3 references), a research plan (up to 3 pages), and teaching strategy (up to 1 page). Applicants should describe their vision for interdisciplinary, computational oncology research leadership within the context of the SCI Institute's mission of multidisciplinary bridge building (<http://www.sci.utah.edu/the-institute/bridges.html>), especially collaborations with researchers within the Huntsman Cancer

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Institute.

For additional questions, please contact Chris Johnson (crj@sci.utah.edu) Search Committee Chair.

About the SCI Institute

Over more than two decades, the SCI Institute has established itself as an internationally recognized leader in translational innovations across computational and data science with leading research and training programs in the areas of visualization, scientific and biomedical computing, and image analysis applied to a broad range of challenging problems. For example, the SCI Institute is ranked by CSRankings (<http://csranks.org>) as housing the top visualization and High Performance Computing group internationally. Alongside its research goals is a passion to educate students and staff. The SCI Institute is proud to have supported over 400 graduate students and postdoctoral fellows and nearly 100 undergraduates to achieve an education at the cutting-edge of research. SCI graduates move into faculty positions with universities internationally and become innovators with companies such as Apple, Exxon Mobil, Nvidia, Google, Intel, Boston Scientific, Orthogrid, Philips Medical, and Medtronic. Additional information about the Institute and current faculty can be found at <http://www.sci.utah.edu>.

The University of Utah is a Carnegie Research I Institution and member of the Association of American Universities (AAU); the SCI Institute is a trans-college, research-focused partnering entity at the University of Utah consisting of faculty from 4 academic units in 2 colleges along with students, and staff (185 current personnel). The SCI Institute's vision is to see applied computing bring transformation across disciplines in a way that benefits the University of Utah and society at large. Its mission is to bring together excellence in diverse domains applied to multidisciplinary and interdisciplinary problems of societal importance. The Institute accomplishes these goals through the collaborative development, assembly, and/or application of applied scientific and data computing, imaging, and visualization tools.

About the University of Utah

The University of Utah is in Salt Lake City, the hub of a large metropolitan area with excellent cultural and recreational opportunities. Utah and the stunning Salt Lake Valley are undergoing robust economic growth with one of the nation's fastest-growing technology sectors; the University of Utah is acclaimed for its successes in technology-driven start-ups. The University has invested significantly in the SCI Institute and substantial further investments are now enabling these recruitments.

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00051 - College of Engineering-Dean

City: Salt Lake City, UT

Track: Tenure Track

Close Date:

Open Until Filled: Yes

Requisition Number: PRN01237CF

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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 veterans 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 Coordinators 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

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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