

Associate/Full Specialist - Molecular Imaging Center -  
Cancer Research Laboratory  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=257280>

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Posted May 22, 2025, set to expire Jun. 22, 2025

<b>Job Title</b>	Associate/Full Specialist - Molecular Imaging Center - Cancer Research Laboratory
<b>Department</b>	Cancer Research Laboratory
<b>Institution</b>	University of California Berkeley Berkeley, California
<b>Date Posted</b>	May 22, 2025
<b>Application Deadline</b>	06/22/2025
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Biomedical Sciences Biology - Neuroscience/Neurobiology Biology - Molecular Biology - Cell Biology
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**Job Description**

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**Associate/Full Specialist - Molecular Imaging Center - Cancer Research Laboratory**

**Position overview**

**Position title:** Associate/Full Specialist

**Salary range:**

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The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table(s) for the current salary scale(s) for this position:

[https://www.ucop.edu/academic-personnel-programs/\\_files/2024-25/july-2024-scales/t24-b.pdf](https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t24-b.pdf) . The current base salary range for this position is \$73,000 - \$148,900 annually. "Off-scale" salaries, which yield compensation that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions.

**Percent time:** 100%

**Anticipated start:** June 2025

**Position duration:** The initial appointment will be full-time at 100% time for up to one (1) year with the expectation of extension based on satisfactory performance and availability of funding.

**Application Window**

**Open date:** May 21, 2025

**Most recent review date:** Wednesday, Jun 4, 2025 at 11:59pm (Pacific Time)

Applications received after this date will be reviewed by the search committee if the position has not yet been filled.

**Final date:** Sunday, Jun 22, 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 UC Berkeley Cancer Research Laboratory (CRL) is seeking to hire a Specialist to serve as the manager of the Molecular Imaging Center, to begin as soon as possible. The Molecular Imaging Center (MIC) houses and maintains 18 light microscope systems on the UC Berkeley campus. The MIC provides training, access, guidance and collaboration for the UC Berkeley research community, with primary user groups from the biological sciences. The successful candidate will help manage a small team and coordinate an annual international microscopy workshop.

**Responsibilities:**

- Day-to-day management of the core facility and staff.
- The MIC has 1-2 fulltime Staff Research Associates (SRA) and several part time undergraduate

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employees (Laboratory Assistants) and interns. Specialist oversees troubleshooting, upkeep, benchmarking, and general maintenance of all the instruments, including training and directing staff in these procedures. Keeping the facility relevant for the future, including Testing, specifying, and integrating new equipment as needed, including protocol development testing, specifying, and integrating new equipment as needed; developing new protocols and workflows; streamlining data management and transfer, etc.

- Specialist oversees all of the laboratory space dedicated to the MIC and must update Environmental Health and Safety (EH&S) documents, biosafety certification (BUA), chemical inventories, laser safety procedures, and other safety measures as needed (e.g., COVID-19).
- Record-keeping and billing for recharge instruments. The CRL uses iLabs (Agilent CrossLabs) platform for reservations and billing. Maintaining the iLabs, SecondLab, and MIC website (Wordpress).
- Organizing workshops and events, including an annual multiday international microscopy meeting. Defining sessions, speakers and budget, recruiting session chairs and sponsorships, finding venue and advertising. Implementing new event website (Stova).
- Interfacing with service personnel from various vendors. Interfacing and negotiating with sales representatives. Seeking out and evaluating new technology.
- Writing instrumentation grants. Writing letters of support for faculty grants. Assisting with grant-writing and submission.

## Qualifications

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

Bachelor's degree (or equivalent international degree)

**Additional qualifications** (required at time of start)

Five years of research lab experience or master's degree (or equivalent international degree).

## Preferred qualifications

- Master's degree or equivalent international degree and experience with light microscopy, including confocal, live cell imaging, and image analysis.
- The successful candidate will be able to collaborate with researchers from diverse specialties on campus, including molecular and cell biology, immunology, neuroscience, bioengineering, chemistry, physics, and more. Leading an independent research project is not required, but we seek someone who can collaborate on the design and execution of microscopy experiments, including experimental design, sample preparation, image acquisition and optimization, creating good controls, acquiring quantitative data, data analysis routines, and AI. It is anticipated that the

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successful candidate will be able to contribute intellectually to projects and that their contributions will be recognized by co-authorship on publications.

- The successful candidate will be familiar with at least some of the instruments currently in the facility, including laser scanning confocal, spinning disk confocal, lightsheet, slide scanner, automated systems (Zeiss CellDiscoverer), optogenetic stimulation, multiphoton systems, and fluorescence lifetime imaging via time correlated single photon counting. The candidate should also have research experience in fields related to Molecular and Cellular Biology and/or Neuroscience.
- Enthusiasm for training new users of the facility and maintaining equipment in working order is essential. In addition, the Specialist must demonstrate a great ability to develop and maintain excellent working relationships with a diverse population of users, including faculty, graduate students, postdoctoral researchers, and to a lesser extent outside researchers.
- Candidate must have excellent communication skills and be able to interact well with faculty, students, vendors, technicians, EH&S specialists, inspectors, building and facilities staff.
- Experience with Zeiss Zen, Nikon Elements, 3i Slidebook, Matlab, napari, Imaris, python, FIJI, AI, and/or automated microscopy desired. Workshop or event management, teaching or outreach experience a plus. Experience with data management, large data transfer, and/or image analysis routines desirable.
- Experience with purchasing and negotiations a bonus. Grant-writing experience highly desired; the ideal candidate will be willing and able to write grants to purchase or upgrade instruments, as well as contribute to multi-faculty grants.

## **Application Requirements**

### **Document requirements**

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research (Optional)

### **Reference requirements**

- 3 required (contact information only)

**Apply link:** <https://aprecruit.berkeley.edu/JPF04875>

**Help contact:** [n.singh@berkeley.edu](mailto:n.singh@berkeley.edu)

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UC Berkeley is committed to diversity, equity, inclusion, and belonging in our public mission of research, teaching, and service, consistent with [UC Regents Policy 4400](#) and University of California Academic Personnel policy ([APM 210 1-d](#)). These values are embedded in our [Principles of Community](#), which reflect our passion for critical inquiry, debate, discovery and innovation, and our deep commitment to contributing to a better world. Every member of the UC Berkeley community has a role in sustaining a safe, caring and humane environment in which these values can thrive.

The University of California, Berkeley is an Equal Opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

For more information, please refer to the [University of California's Affirmative Action and Nondiscrimination in Employment Policy](#) and the [University of California's Anti-Discrimination Policy](#).

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

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.

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.

- "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 or discrimination, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

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**Job location**

Berkeley, CA

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**Contact Information**

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

**Contact**

N/A

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