**Neurosciences Preclinical Imaging Laboratory Director**

The Wu Tsai Neurosciences Institute is dedicated to understanding how the brain gives rise to mental life and behavior, both in health and in disease. Our research community draws from and informs multiple disciplines, including neuroscience, medicine, engineering, psychology, education and law. The discoveries that arise from these collaborations will transform our understanding of the human brain, provide novel treatments for brain disorders, and promote brain health throughout the lifespan.

Neuroscience is at an inflection point in its history. New technologies are transforming scientists’ abilities to explore the brain — yielding more detailed images of its cells, more accurate measurements of its activity, and more precise ability to mimic its functions than ever before. With these new approaches have come astounding new insights about the exquisite complexity of the brain. The Wu Tsai Neurosciences Institute is at the forefront of this exploration.

The mission of the Neurosciences Preclinical Imaging Laboratory is to provide access to state-of-the-art preclinical imaging instruments to facilitate translation of neuroscience research from in-vitro tests to small animal investigations and clinical practice. The primary imaging modality will be a 40cm-bore 7 Tesla Bruker magnetic resonance imaging (MRI) scanner. The facility includes available space for a second imaging modality. The Neuroscience Preclinical Imaging Laboratory will complement world-class preclinical imaging systems available elsewhere on the Stanford campus.

In this position you:
- Will report to the Wu Tsai Neurosciences Institute Assistant Director for Neuroscience Community Labs with scientific direction from the Neurosciences Preclinical Imaging Laboratory Faculty Director.
- Will provide financial, operational, and scientific/technical leadership for a world-class small animal imaging facility located in the Stanford Neurosciences Building on the Stanford University campus.
- Maintain the laboratory facilities supporting the operations of one or more complex research and teaching facilities of significant complexity.
- Apply advanced knowledge of principles, concepts, and methods for assigned areas of responsibility. Participate in strategic planning and complex budgeting activities.
- Oversee the operation and management of a new Bruker 40cm-bore 7T magnet to be installed in a custom-designed laboratory in the Stanford Neurosciences Building. Implement and maintain a data management infrastructure for storage, management, retrieval, sharing and reproducibility. Implement and maintain a system for instrument scheduling and billing.
- Train and assist Stanford research scientists to independently operate the scanner, and perform contract imaging for both Stanford research groups and external research organizations.
• Participate in creating strategic plans for future laboratory needs in consultation with the faculty oversight committee and Wu Tsai Neurosciences Institute leadership. Consult and collaborate with the faculty oversight committee and Institute leadership to plan and allocate lab space for current and future research needs, which may include other imaging modalities.
• Plan and determine equipment needs, authorize purchase of equipment including capital improvements, and manage installation of equipment and instruments in collaboration with facilities services staff. Evaluate and strategically determine equipment upgrade/replacement options and other alternatives in lieu of repair based on latest technological advances and current and future needs. Negotiate, select, and monitor complex equipment service contracts and warranties with vendors. Contribute significantly to equipment grants for instrumentation acquisition, upgrades and enhancements.
• Design and implement plans for renovations of equipment and/or facilities; manage complex laboratory moves in collaboration with facilities services staff.
• Work with Wu Tsai Neurosciences Institute financial staff, administer and prepare complex budgets that include multiple funding sources and ensure financial performance of the laboratory.
• Oversee and administer health and safety programs and ensure safety compliance; liaise with school and/or university health and safety office as appropriate.
• Actively advertise the Neurosciences Preclinical Imaging Lab to the Stanford research community. Support scientific dissemination of techniques and data through workshops, symposia, courses and scientific conferences.

To be successful in this position, you will bring:
• Bachelor’s degree in a sand five years of relevant experience, or combination of education and relevant experience.
• Expertise in MRI required, including MRI experimental design.
• Experience in animal handling, imaging and protocol development desired.
• Understanding of academic research facility needs.
• General background in a discipline related to the work of specific lab(s).
• Demonstrated supervisory experience. (more guidance)
• Demonstrated experience managing large budgets.
• Knowledge and experience in managing facilities, operations, maintenance, space, and equipment administration in a research or teaching setting.
• Excellent communication and customer services skills.
• Ability to coordinate and manage multiple projects in a complex and technical environment.
• Familiarity with health and safety compliance regulations.

*Please note this position may require the following:
• May at times be required to work with or be in areas where hazardous materials and/or infectious diseases are present. Specific hazards include, but are not limited to, chemicals, pesticides, and solvents, allergens, blood-borne pathogens.
• Requires work in an environment where animals are used for teaching and research.
• Will be exposed to strong electromagnetic fields and may be exposed to radiation.
• Must perform tasks that require the use of personal protective equipment such as safety glasses and shoes, protective clothing and gloves, etc.
• May work extended or unusual work hours due to research or project requirements and peak work cycles. After hours on-call availability required.

In addition, our preferred requirements include:
• PhD in Neuroscience or a related field

* - Consistent with its obligations under the law, the University will provide reasonable accommodation to any employee with a disability who requires accommodation to perform the essential functions of the job.

Why Stanford is for You
Imagine a world without search engines or social platforms. Consider lives saved through first-ever organ transplants and research to cure illnesses. Stanford University has revolutionized the way we live and enrich the world. Supporting this mission is our diverse and dedicated 17,000 staff. We seek talent driven to impact the future of our legacy. Our culture and unique perks empower you with:
• Freedom to grow. We offer career development programs, tuition reimbursement, or audit a course. Join a TedTalk, film screening, or listen to a renowned author or global leader speak.
• A caring culture. We provide superb retirement plans, generous time-off, and family care resources.
• A healthier you. Climb our rock wall, or choose from hundreds of health or fitness classes at our world-class exercise facilities. We also provide excellent health care benefits.
• Discovery and fun. Stroll through historic sculptures, trails, and museums.
• Enviable resources. Enjoy free commuter programs, ridesharing incentives, discounts and more.

How to Apply
We invite you to apply for this position by clicking on the “Apply for Job” button. To be considered, please submit a cover letter and résumé along with your online application. Your cover letter should briefly describe your background and interest in this specific position.

The job duties listed are typical examples of work performed by positions in this job classification and are not designed to contain or be interpreted as a comprehensive inventory of all duties, tasks, and responsibilities. Specific duties and responsibilities may vary depending on department or program needs without changing the general nature and scope of the job or level of responsibility. Employees may also perform other duties as assigned.
Consistent with its obligations under the law, the University will provide reasonable accommodation to any employee with a disability who requires accommodation to perform the essential functions of his or her job.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law.

Additional Information
- Schedule: Full-time
- Job Code: 4947
- Employee Status: Regular
- Grade: J
- Requisition ID: 87091

Click here to apply. https://careersearch.stanford.edu/jobs/neurosciences-preclinical-imaging-laboratory-director-10308