



Linlin Fan  
Assistant Professor  
The Picower Institute of Learning and Memory  
Department of Brain and Cognitive Sciences, MIT  
[lzf@mit.edu](mailto:lzf@mit.edu)  
<https://fanlab.mit.edu>

## Join the Fan Lab at MIT: Technical Associate

The Fan Lab (<https://fanlab.mit.edu/>) at MIT is seeking a passionate, creative, and collaborative technical associate to support specific research projects. Our research focuses on developing and applying novel high-precision optical and molecular technologies to watch and perturb the brain in action. We leverage these cutting-edge technologies and integrate them with behavioral, molecular, and computational approaches to understand how the brain encodes, stores, and recalls information.

The candidate will have the opportunity to work with our interdisciplinary team, support the production of high-impact work, and publish the investigations. Duties include:

- Plan and execute wetlab and/or rodent-related experiments related to specific research projects in the laboratory, including molecular cloning, tissue culture, optogenetics experiments, rodent behavior, perfusion, and histology;
- Design and perform their own experiments;
- Contribute to publication of findings. Participate in the preparation of written documents, including procedures, presentations, protocols, proposals, and manuscripts;
- Support daily laboratory functions and research by purchasing reagents, maintaining laboratory stocks, overseeing laboratory safety, maintaining laboratory equipment, and managing chemical inventory; Interface with veterinary staff and serve as representative to animal oversight groups;
- Assist with orientation and training of new staff or students on lab procedures or techniques;

Ideal candidates will be self-motivated, well-organized, and critical thinkers. We are committed to your success and provide opportunities for close mentorship and guidance in research and career training.

**REQUIRED:** Bachelor's degree in neuroscience, bioengineering, chemistry, molecular and cell biology, or related scientific field; two or more years of relevant laboratory research experience. A two-year commitment is preferred in order to fulfill training requirements.

## How to Apply

Interested candidates should email the following documents to Dr. Fan:

- CV
- Cover letter describing past experiences and future goals
- Contact information of two references