



HARVARD MEDICAL SCHOOL

Associate – MicRoN core
Harvard Medical School
Department of Microbiology

About MicRoN:

The *MicRoN core* at Harvard Medical School is a light microscopy core supporting a wide range of advanced imaging modalities. Our mission is to improve reproducibility and rigor in image-based science emphasizing education and support. We are thrilled to invite applications for a ***Microscopy Research Specialist*** position. In this position, you will be part of a diverse and enthusiastic team of microscopists to support and train our researchers in their imaging needs, ranging from bacterial cell biology, neurobiology, immune cell function, cancer immunotherapy, and the development of new tools and genetic models to investigate human disease, aging, and tissue architecture. MicRoN offers a collaborative and educational environment that fosters interactions and collaborations not only with the staff but with the members of the scientific community we support, strengthening personal and professional growth.

Position Description:

The MicRoN core at Harvard Medical School is seeking a ***Microscopy Research Specialist***. The main duties for this position are to **1)** Assist with and perform the general maintenance of the core and its instruments (including supporting and assisting the core facility staff with research projects, instrument maintenance, quality assessments and troubleshooting. **2)** Actively interact with microscopy vendors to demo, update and repair the core microscopy systems, providing networking opportunities **3)** Interact, communicate with and train research scientists to use our microscopes, and collaborate with them to facilitate and guide their imaging needs, providing expertise in image optimization and sample preparation. Additionally, participate in experiments/data collection for projects lead by the core or our collaborators **4)** Assist the core staff with the preparation of training manuals including standard operating procedures, specific acquisition workflows and related documents to support and educate the core trainees **5)** Perform administrative duties as needed (ordering, inventory, organization, website management...) **6)** Assist the Director and core facility staff in organizing and teaching light microscopy courses and other core events.

Qualifications:

- The successful candidate will have a Master's in Biological Sciences or equivalent education and experience.
- Strong interest in learning about microscopy and image-based science.
- Experience using light microscopes or working on a core facility is a bonus but not required.
- Candidate must be self-motivated, able to work independently as well as part of a team, have excellent communication and interpersonal skills, pay attention to detail, and be highly organized.
- Candidate must have excellent problem-solving abilities and a creative mind.

Application Instructions:

If you are interested in this exciting career opportunity to work with the vibrant community at Harvard Medical School, please email Paula Montero Llopis the director of MicRoN core at [Paula MonteroLlopis@hms.harvard.edu](mailto:Paula.MonteroLlopis@hms.harvard.edu), with a cover letter and CV including the names and contact information for three references, adding “*Application for Microscopy Research Specialist*” as a subject line. Please include the earliest or latest start dates in your cover letter. We are looking forward to hearing from you!

More information can be found at: <https://micron.hms.harvard.edu/>.

Commitment to Equity, Diversity, Inclusion, and Belonging

Harvard University views equity, diversity, inclusion, and belonging as the pathway to achieving inclusive excellence and fostering a campus culture where everyone can thrive. We strive to create a community that draws upon the widest possible pool of talent to unify excellence and diversity while fully embracing individuals from varied backgrounds, cultures, races, identities, life experiences, perspectives, beliefs, and values.

EEO Statement

We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions, or any other characteristic protected by law.

The University requires all Harvard community members to be fully vaccinated against COVID-19 and remain up to date with COVID-19 vaccine boosters, as detailed in [Harvard's Vaccine & Booster Requirements](#). Individuals may claim exemption from the vaccine requirement for medical or religious reasons. More information regarding the University's COVID vaccination requirement, exemptions, and verification of vaccination status may be found at the University's "COVID-19 Vaccine Information" webpage: <http://www.harvard.edu/coronavirus/covid-19-vaccine-information/>.