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ASSISTANT PROFESSOR IN QUANTITATIVE BIOIMAGING

The **Department of Physics and Astronomy** at the University of New Mexico (UNM) invites applications through the **NIH FIRST** program for a **tenure-track position** at the rank of **Assistant Professor**. We seek candidates with research interests at the intersection of biological imaging and computational science. Our department has active research programs in fluorescence super-resolution, single particle tracking, lightsheet, hyperspectral microscopy and Raman microscopy. Candidates with expertise in one or more of the following areas are particularly encouraged to apply: Microscopy image analysis, AI/Deep learning, Cell tracking, High-performance computing, and Computational optics.

The successful candidate is expected to develop an independent research program and contribute to the interdisciplinary activities within the Department of Physics and Astronomy and UNM's Optical Science and Engineering (OSE) degree program. We anticipate that the candidates will find many interdisciplinary, collaborative research opportunities with our microscopy subgroup, the incoming **NIH FIRST** cohort as well as throughout the UNM Main and Health Science Campuses. This hire will be included in the UNM FIRST program, comprised of a diverse cohort of early-career faculty in the areas of neuroscience and data science who are committed to diversity, equity, and inclusion. [Learn more about calling New Mexico home and working at UNM!](#)

The successful candidate will have the potential for teaching at the undergraduate and/or graduate level in our Physics and Astronomy and OSE degree programs. The Department of Physics and Astronomy is located within a new (2019), state-of-the-art research facility, the Physics and Astronomy and Interdisciplinary Science (PAIS) building.

For information about the NIH FIRST program, eligibility requirements, etc. please contact unmfirst@unm.edu.

Applicants are strongly encouraged to contact the Physics and Astronomy search committee chair prior to submitting their application: Prof. Keith Lidke at klidke@unm.edu

