



Department/Division	Imaging and Characterization Core Lab	Position #	50002886
Job Title	Lead staff scientist In Optical Microscopy	Grade	L4/L5
Reports to	Imaging and Characterization Core Lab Director		
Supervises	Optical Microscopy Unit		

Position Summary

- Lead the Optical Microscopy Unit to serve the IAC mission to support research and education at KAUST and regionally by providing state-of-the-art optical microscopy instrumentation and training to users.
- Lead the Unit to facilitate high impact KAUST research and KAUST's endeavor in promoting the economic growth of Saudi Arabia through building up first-class optical microscopy expertise.
- Lead the Unit to achieve the yearly objectives of the Unit agreed upon with the Lab director.

Major Responsibilities

- Serve as the Lead for the Optical Microscopy Unit. Develop, implement and supervise standard operating procedures for confocal microscopy, multiphoton microscopy, super resolution microscopy, live cell imaging, light sheet microscopy, FLIM, conventional/AI confocal image processing, and other lab equipment and processes, including biological sample preparation protocols.
- Lead the Unit to meet the annual key performance indicators (KPIs) agreed upon with Core Labs management in all areas, including, but not limited to, equipment uptime, budget compliance, recruitment and asset management.
- Working with stakeholders strategically plan the resources to keep the instrumentation at the cutting-edge in areas strategically important to KAUST.
- Creates opportunities to enhance technical methodology or content through expansion of existing methods or development of new methods, which may extend technology into new application areas; the outcome should be visible and impactful in peer community.
- Lead and contribute to major intellectual development activities.
- Plan and execute the outreach activities to benefit Saudi Arabia
- Supervise a team of scientists through setting up yearly performance goals to motivate them to achieve excellence in both operation and high impact research support.
- Identify technical training needs for staff attached to the area and design staff development plan
- Cultivate a safe-lab environment culture and ensure a safe working environment.
- Build up and maintain good relationship with stakeholders

Competencies

- Demonstrable capability in managing a team of scientists with diversified technical and cultural background.
- Demonstrable expertise and strong theoretical background in advanced fluorescence microscopy and related optical microscopy fields, such as STED, STORM, PALM, SIM, Lattice Light Sheet, Digital Lattice Sheet, and/or FLIM, etc.

- Good communication/interpersonal skills and capability to build up good relationship with staff, supervisor and major stake holders.
- Execution capability demonstrated in major project accomplishment.
- Excellent written and oral communication skills

Qualifications/Experience

- A PhD degree with at least 5 years of experience in science, preferably in the field of biological science or biomedical engineering, with focus in fluorescence microscopy.

Benefits

KAUST offers highly competitive benefit package with no-income tax from Saudi government. KAUST employees enjoy highly subsidized spacious housing on campus with no utility charges. Employees and family members are entitled to good medical insurance coverage, free schooling and annual repatriation flight ticket. The University is situated on a 36 square kilometers beautifully designed and self-contained campus with excellent sports facility, such as tennis courts, yacht club (scuba diving, fishing), comprehensive gym facilities, racket club, indoor basketball court, swimming pools, cinemas, bowling and a nine hole golf course (most of them are free). The University also offers free on campus commuting bus services and free shuttle bus services to major medical centers and shopping malls in Jeddah, the second largest city in Saudi Arabia. The residents here do enjoy an international culture with a good life work balance.

Contact

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