

# OPPORTUNITIES

## TO LIVE, WORK, AND STUDY AT KAUST

### Director - Nanofabrication Core Lab

The KAUST Nanofabrication Core Lab (NCL) is seeking a highly motivated and dedicated director to serve the mission of Core Labs and Research Infrastructure (CL&RI). The successful candidate will support high-impact research and education at KAUST and in the region by providing leadership and management to the facility and staff.

The Nanofabrication facility provides 2,000 square meters of Class 100 and Class 1000 cleanroom for device fabrication and houses a wide spectrum of cutting-edge cleanroom processing equipment. It also has a Thin Film Lab equipped with advanced thin film deposition instrumentations and physical characterization capabilities and a microfluidics facility, which has a focus area of microfluidics device fabrication.

By working with NCL's major stakeholders, the successful candidate will form a development strategy and plans that will enable NCL to provide cutting-edge instrumentation and first-class technical expertise and training to its users. The director will further work with the CL&RI management team to develop and implement a coordinated strategy and objectives.

The director will establish effective partnerships with technology/service companies to support the safe and effective operation of NCL's facilities and equipment; achieve excellence in all NCL service areas; develop policies and procedures relevant to NCL; and conduct impactful outreach activities. As a member of the CL&RI leadership team, the director will also develop strong working relationships with other departments at the University and fulfill its wide functions when necessary.

Core Labs & Research Infrastructure is service and support oriented; it is therefore important for the successful candidate to be socially perceptive and proactive and able to meet strict deadlines.

### Qualifications & Competencies

- Preferred for candidates to have a Ph.D. in science or engineering
- 10+ years of significant accomplishments in research or development, with extensive experience in leading a research team and managing and administering research facilities
- Candidates with a bachelor's degree or master's degree in science or engineering with 15+ years of demonstrated experience in cleanroom management will be considered
- Excellent interpersonal skills and the ability to develop staff and motivate a team
- Strong experience in overall cleanroom operations, with good process integration understanding or in-depth knowledge of certain process modules
- Ability to initiate and develop critical, collaborative projects with NCL users
- Excellent communicator in English, with maturity and ability to interact well with all levels

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### About King Abdullah University of Science and Technology

King Abdullah University of Science and Technology (KAUST) is a graduate-level research university located on the shores of the Red Sea. Our students, faculty, scientists, and engineers are addressing some of the world's most pressing challenges related to food, water, energy, and the environment. KAUST employees enjoy exceptional packages, including competitive salaries and relocation allowances, fully furnished on-campus accommodation, and comprehensive health insurance coverage.

KAUST also provides international schools (IB program) and a wide variety of recreation facilities.

The Core Labs at KAUST are a shared research facility comprised of 11 laboratories run by over 210 staff, with a mission to provide state-of-the-art facilities, training, and services to KAUST students, faculty, researchers, their collaborators, and industrial partners. This centrally organized facility provides its 1500+ users with access to specialized research equipment and expert staff who have advanced degrees in science and engineering.



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