

OPPORTUNITIES

TO LIVE, WORK, & STUDY AT KAUST

Research Equipment

Specialist

Conduct extensive technical assessments on multidisciplinary research equipment providing detailed analytical reports to the line Manager (Secretary of the Academic Space and Equipment Planning Committee) and perform full lifecycle analyses and forecasting of KAUST capital research assets.



Major Responsibilities

- Assist the Research Infrastructure Manager in supporting senior leadership with strategic decision making through assessing both technical and scientific content of all research capital proposals from our faculty, centers and initiatives, including supporting and advising on proposals submitted through Office of Sponsored Research and Innovation & Economic Development.
- Heavily engaged in assessing equipment wish lists of new faculty candidates which requires detailed technical analysis down to individual components as well as identifying new required technological capabilities that will enhance KAUST research capacity.
- Track financial spending of equipment allocation budgets for faculty.
- Coordinate with Research and Core Laboratories to track and record lab equipment utilization rates.
- Support principal investigators with their capital equipment proposals and providing faculty with technical specifications of similar existing research equipment.
- Effectively communicate equipment planning information to the project team to allow for successful project completion.
- Analyze research asset (SAP) records to develop lifecycle reports and supports the line manager in forecasting and updating the asset replacement strategy for our laboratories.
- The portfolio of research assets overseen by this role exceeds \$1bn USD
- Evaluate existing research equipment and related systems with respect to age, condition, and technological status to determine the potential for reuse.
- Ensure equipment proposals meet budgetary targets set by management



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Person Requirements

Competencies:

- High level of knowledge in different research disciplines ranging and not limited to Material Science, Biological Science, Chemical Science, Mechanical and Electrical Engineering, etc.
- Proficiency in data analysis and reporting.
- Excellent communication skills in preparing documentation pertaining to equipments specifications and reports.
- Ability to prioritize and multi-task, with strong attention to detail.
- Ability to discuss equipment technology with multiple stakeholders.
- Self-directed and motivated, with the ability to work both independently and in a team environment.
- Familiar with laboratory safety guidelines required within a research environment.

Qualifications:

- Master's degree in engineering/material science or equivalent, PhD preferred
- Experience using data management system such as SAP is essential
- Experience in Microsoft Office with excellent proficiency in Excel is required

Experience:

- Have had at least 8-10 year of demonstrated diverse knowledge in the areas of academic and industrial research
- Experience with research equipment plan drawings and working with engineers
- Previous experience in utilizing research equipment as well as setting up labs is required



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للعلوم والتقنية
King Abdullah University of
Science and Technology

Learn more about KAUST:
www.kaust.edu.sa

Learn more about Core Labs:
Corelabs.kaust.edu.sa



About King Abdullah University of Science and Technology

Founded in 2009, King Abdullah University of Science and Technology (KAUST) is a top-ranking graduate research university located on the shores of the Red Sea in Saudi Arabia. The University is dedicated to solving global challenges in the areas of food, water, energy, the environment, health and digital. 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 is a shared research facility comprised of 12 laboratories run by over 240 staff. Its mandate is to promote the scientific ambitions of KAUST and Saudi Arabia by stewarding and developing state-of-the-art facilities and technical expertise and delivering research support, training, collaboration and services to KAUST faculty, students, researchers and partners.