

Executive Director (0445U) - Nanofabrication Laboratory
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

Job Title	Executive Director (0445U) - Nanofabrication Laboratory
Department	Nanofabrication Laboratory
Institution	University of California, Berkeley Berkeley, California
Date Posted	Oct. 13, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Director/Manager
Academic Field(s)	Engineering - Other
Apply Online Here	https://apptrkr.com/4687653

Apply By Email

Job Description

Image not found or type unknown



Executive Director (0445U) - Nanofabrication Laboratory

About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the

Executive Director (0445U) - Nanofabrication Laboratory University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and [our Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

The Executive Director of the Nanofabrication Laboratory is responsible for management, oversight, and technical direction of all laboratory operations. The director oversees a staff of twenty five consisting of an Admin, Computer, Equipment, Facilities, and Process team. The director interfaces with faculty from multiple disciplines to understand their research needs and provide the technical capabilities needed to fulfill their research and educational mission. The Director is also a technical and operations resource for other laboratories and units on campus through standing appointment to the campus wide Laboratory Operations and Safety Committee. Though a unit of the Engineering Research Support Organization of the College of Engineering, the laboratory serves the needs of faculty from all colleges of the UC Berkeley campus and provides access to researchers from other universities within and beyond the UC system. The Exec Director, in coordination with the faculty director, serves as a university representative to high technology corporate research partners and solicits and specifies equipment and resource donations for support of the laboratory. The Executive Director is also responsible for managing an industry access program to the laboratory which stimulates university technical transfer programs, supports local start up companies, and generates

Executive Director (0445U) - Nanofabrication Laboratory
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

additional non operations income. This additional income subsidizes some operations cost enabling reduced recharge rates for academic researchers and funds some equipment and laboratory development efforts for the benefit of all researchers.

The NanoLab is a shared 15,000 square foot clean room which is a core facility of the multi campus Center for Information Technology Research in the Interest of Society (CITRIS). The present installed tool base has an estimated value in excess of \$30 M. The Director interfaces with advanced technology equipment manufacturers and facility support engineering professionals to implement and maintain specialized scientific equipment installations. This equipment requires specialized facilitization of clean air handling systems, high purity water services, high current / voltage service, toxic gas delivery and monitoring, hazardous chemical handling, and integrated computer control. Since equipment siting, facilitization, and specialized modification requires the in house expertise and specialty tooling capabilities of the Cory Hall Machine Shop, the Executive Director is also responsible for this separate \$600K/year recharge operation consisting of a team of five mechanics, technicians and an electrician. Though the NanoLab is the single largest customer of the Cory Hall Machine Shop, the shop provides laboratory services and similar specialized equipment installation and modification services to faculty throughout the College of Engineering.

Application Review Date

The First Review Date for this job is: October 25, 2023 - Open Until Filled

Responsibilities

20% Responsible for management, oversight, and technical direction of all laboratory operations. Provides overall direction and is accountable for department budgets, project schedules, research initiatives, and experimental designs for all projects and related experiments. Provides leadership, defines overall direction and is accountable for recharge budgets, project schedules, research initiatives and projects, and short and long range strategic planning for the NanoLab and Cory Hall Machine Shop.

20% Carries major responsibility for availability of research facilities in relationships with faculty investigators. Following campus procedures may serve as Principal Investigator for specific research projects. Implements and monitors Federal or State Agency procedures. Collaborates with faculty from multiple disciplines to understand their research needs and provide the technical capabilities needed to fulfill their research and educational mission. Acts as technical and operations resource for other laboratories and units on campus through standing appointment to the campus wide Laboratory

Executive Director (0445U) - Nanofabrication Laboratory
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

Operations and Safety Committee.

20% Interfaces with advanced technology equipment manufacturers and facility support engineering professionals to implement and maintain specialized scientific equipment installations. Through subordinate managers, ensures all laboratory operations, equipment installations, facility design and construction, and engineering research projects meet all safety, compliance and internal scope requirements.

10% Provides long- and short-range strategic planning for department. Represents the laboratory and campus research capabilities to private, state and federal research funding agencies. Collaborates with Principal Investigators to develop nanotechnology research and academic facility support proposals. Serves as a university representative to high technology corporate research partners and solicits and specifies equipment and resource donations for support of the laboratory. The Executive Director is also responsible for managing an industry access program to the laboratory which stimulates university technical transfer programs, supports local start up companies, and generates additional non operations income.

10% Through subordinate managers, ensures all engineering projects meet the regulatory and internal scope and requirements for design, construction, and testing of facilities, equipment and instrument systems. Through subordinate managers, ensures operations of multiple units are running smoothly.

10% Determines HR-related decisions and recommendations following Campus policies and procedures. Makes recommendations and implements decisions on issues (operational and budget processes, staff FTE, finance, human resources and space planning) that have department-wide impact.

10% Represents the Campus at meetings and conferences on matters of significance relating to research initiatives. Serves as facility, equipment, and process capability technical resource expert for faculty, industry members, and other departments across the Campus.

Required Qualifications

- Advanced science or engineering degree with extensive industrial and university experience in the semiconductor, nanotechnology, and biotechnology fields.
- Experience managing budgets greater than \$1M and staff operations with multiple teams of engineers and non engineers.
- Fundamental understanding of the concept of a laboratory as a facility that enables testing of the unknown. The unknown may include modification of existing equipment or custom build of new

Executive Director (0445U) - Nanofabrication Laboratory
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

experimental set ups.

- Experience to conduct engineering review and evaluation of temperature, pressure, electrical and other relevant parameters to ensure safe and compliant operation.
- Ability to compare and contrast new materials with similar or related known materials to make best judgement recommendations for safe handling of minimum quantities, best engineering controls, and fully compliant disposal.
- Ability to implement cost control contingency strategies to maintain recharge budget in compliance.
- Thorough knowledge of HR-related and university practices, policy and procedures. The position requires ensuring that non-contractor, non-employees who also use the laboratory are in compliance with UC policies that protect and respect employees and students who are in the same work environment.
- Demonstrated advanced interpersonal skills to effectively interact with senior management, peer level managers and external industry representatives on matters of significance. Since the NanoLab serves a wide range undergraduate, graduate, and post doctoral students, the position also requires advanced interpersonal skills with students of all levels.
- Ability to convey information to a wide variety of audiences, and quickly facilitate and negotiate resolution when conflicts arise.
- Ability to monitor and balance the sometimes conflicting missions of the facility being first and foremost an academic research facility with the financial reality that the facility requires commercial customers to operate within budget (recharge operation tolerance).

Salary & Benefits

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is

Executive Director (0445U) - Nanofabrication Laboratory
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

\$146,200 to \$255,250. This is a 100% FTE career position eligible for full benefits.

Driving Required

A valid driver's license and DMV check for driving record is required.

Diversity Statement

Please include, as part of your application a brief (1-2 paragraph) statement on your contributions to diversity, equity, inclusion, and belonging in your professional experience.

Advancing diversity, equity, and inclusion are fundamental to our UC Berkeley Principles of Community, which states that "every member of the UC Berkeley community has a role in sustaining a safe, caring, and humane environment in which these values can thrive."

Conviction History Background

This is a designated position requiring fingerprinting and a background check due to the nature of the job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Mandated Reporter

This position has been identified as a Mandated Reporter required to report the observed or suspected abuse or neglect of children, dependent adults, or elders to designated law enforcement or social service agencies. We reserve the right to make employment contingent upon completion of signed statements acknowledging the responsibilities of a Mandated Reporter.

Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant, please see the [U.S. Equal Employment Opportunity Commission](#) poster.

For the complete University of California nondiscrimination and affirmative action policy, please see the

Executive Director (0445U) - Nanofabrication Laboratory
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=223587>

Downloaded On: May. 11, 2024 2:42pm

Posted Oct. 13, 2023, set to expire Jun. 30, 2024

University of California [Discrimination, Harassment, and Affirmative Action in the Workplace](#) policy.

To apply, visit

https://careerspub.universityofcalifornia.edu/psp/ucb/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCH

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

N/A

University of California, Berkeley

,