

Senior Certified Industrial Hygienist (0358U) 71188
University of California, Berkeley

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Posted Aug. 2, 2024, set to expire Nov. 28, 2024

Job Title	Senior Certified Industrial Hygienist (0358U) 71188
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Aug. 2, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
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Job Description

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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 transformative opportunity it provides to a large and diverse student body; its public mission and

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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 Office of Environment, Health & Safety's (EH&S) mission is to provide guidance and services to the campus community that promote health, safety, and environmental stewardship.

EH&S is a highly dynamic, fast paced, committed organization focused on promoting workplace safety and environmental protection for the campus community. We are comprised of many scientific, technical, and administrative professionals, working in an evolving, learning, and sometimes challenging environment with a unified goal of supporting the University's mission of teaching, research and public service. EH&S strives to be an inclusive, service oriented, and operationally excellent organization and is seeking highly motivated individuals who want to learn, be creative, seek continuous competency development, and contribute to our mission.

Position Summary

The Senior Certified Industrial Hygienist (CIH) provides direct safety and health services with an emphasis on industrial hygiene (IH) practices, especially the anticipation, recognition, and control of health hazards with particular consideration of substitution, engineering, administrative, and PPE

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solutions.

The CIH provides these IH and consultation services to campus partners in support of health and safety programs, policies, consensus standards, and best practices. Through memorandum of understanding, the CIH may also provide these services to other University of California locations, and the UC Office of the President.

Application Review Date

The search committee will review applications for this position on/after August 7, 2024

Responsibilities

Serves as highest-level organization subject matter expert in Industrial Hygiene:

- Acts as delegated representative of senior management to campus, system-wide, local government, state and federal levels of authority
- Participates on campus and system-wide committees as the Sr. Industrial Hygienist and/or EH&S resource
- Provides input to state and federal regulators for writing and revisions of regulations
- Advises departments, researchers, and support staff on industrial hygiene requirements for proposed work and facilities
- Creates new and complex solutions applying advanced level knowledge/expertise of best practices within multiple technical, professional, scientific, and applied disciplines and makes recommendations and presentations based on accepted scientific methodology.
- Ensures implementation of quality control procedures according to all regulations in subject area
- Maintains professional knowledge/expertise of existing and proposed changes in all EH&S areas, with attention to regulations in industrial hygiene. See Governing Laws and Regulations below.
- Applies appropriate scientific and professional standards to recommend campus/university policies and programs and, as needed, creates new methodologies in the following Industrial Hygiene programs:
 - Exposure assessments
 - Carcinogens
 - Field Research Safety
 - Writes and updates manuals and procedures

Monitors compliance, prevents hazards, and supports safety programs, including:

- Performing workplace evaluations

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- Assigning personal protective equipment
- Specifying proper engineering controls
- Providing training
- Participating in work groups with other campus departments to address specific health- or safety-related issues.

As a Senior Certified Industrial Hygienist, incumbent is the campus expert and EH&S technical lead on campus exposure assessment strategy and supports implementation of the campus Carcinogen Use Program:

- Provides direction to others within the Health & Safety team on industrial hygiene monitoring projects, methodology, and interpretation of results
- Modifies campus programs to accommodate changes in applicable laws, regulations, and other contributing factors
- Conducts exposure monitoring for departments across campus
- Manages exposure monitoring database and runs reports to identify gaps; prioritizes assessments based on shared data with other UC campuses

Supports required reporting to Cal/OSHA

- In collaboration with the Chemical Hygiene Officer (CHO), develops Standard Operating Procedures (SOPs) and training specific research labs handling carcinogens regulated by Title 8 Section 5209
- Reviews literature and protocols to support use of alternative materials in laboratories, and promoting disposal/substitution and best practices
- Modifies campus program to accommodate changes in applicable laws, regulations, and other contributing factors

Leads the EH&S Field Research Safety Program relevant to work, research and teaching outdoors and in remote locations, including:

- Conducting and reviewing field hazard assessments
- Providing technical consultation to field researchers, instructors, and staff regarding development of compliant and effective field safety plans
- Coordinating outreach related to travel-related issues in partnership with UCOP, Risk Services, UHS and other campus partners, e.g. regarding travel restrictions, security assessments, public

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health outbreaks, natural disasters, etc.

- Participating in campus and systemwide UC field safety workgroups
- Providing Cal/OSHA Heat Illness Prevention training and Wildfire Smoke training; periodically coordinating wilderness first aid training for field researchers and employees
- Coordinating all EH&S outreach and visits to UC Berkeley-managed field stations
- Promoting travel registration
- Modifying campus program to accommodate changes in applicable laws, regulations, and other contributing factors
- Drives (university) vehicles in fulfillment of job responsibilities

Provides technical support and serves as back up to Health and Safety Team members on various issues, including:

- Sanitation
- Hearing Conservation
- Respiratory Protection
- Controlled Substances
- Biosafety and Animal Research
- Conducts peer reviews of reports, updates and revises written programs
- Serves as an alternate to faculty research oversight committees in the areas of animal and biosafety

Staff development: works on professional committees and assignments, participates in professional training and attends relevant conferences, and/or is mentored or coached on a formal or informal basis

Performs other duties as assigned, including but not limited to:

- On a rotational basis during business hours, provide industrial hygiene services for emergency indoor air quality calls and industrial hygiene support to large, highly hazardous or unfamiliar chemical spills
- May be assigned temporary supervision of Health and Safety Team upon designation by the Associate Director
- Supervises graduate student interns and undergraduate student technicians, ensuring that student work practices meet regulatory requirements, fulfill client expectations and needs, and are conducted in an efficient, professional and safe manner.
- Completes and maintains compliance on campus/systemwide training requirements, as well as

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any necessary per role.

- At the request of campus management (EH&S Director, VC Research/Administration, UCPD Chief, or designated alternate), must be available in a campus disaster or campus hazardous material release/threatened release, to serve in the appropriate emergency response role based upon expertise and, where applicable, designated departmental role. At a minimum, this includes the role as Safety Officer in the campus EOC.
- May be assigned as a Member of Dedicated Urgent Response Team (DURT). If assigned to serve as a Lead Responder, the incumbent must meet the specific requirements of the DURT program as outlined in the EH&S Urgent Response Support Program Guidelines. These include occupational physical qualifications and a medical baseline that is required upon assignment.
 - Provide technical support to the DURT program by serving as a Lead Responder in the regular rotation, 24/7, every 6-8 weeks, or more frequently as needed.
 - Must be accessible by UCPD via telephone and readily available to respond on-scene to emergencies (e.g., a chemical spill) during business and non-business hours. Must be within one hour of campus and may not engage in activity that will affect the ability to respond.

Required Qualifications

- Certified Industrial Hygienist certificate required
- Three years of professional experience and/or equivalent experience as a Certified Industrial Hygienist (CIH)
- Bachelor's degree in related area and / or equivalent experience / training
- Advanced or expert knowledge / understanding of broad range of EH&S fields and familiarity with all EH&S fields.
- Interdisciplinary understanding of the physiochemical, biological and medical sciences and their practical application to sanitation issues and public health programs.
- Advanced or expert knowledge and skill in applying and interpreting applicable local, state, and federal regulations and related standards, guidelines and, as appropriate, recommend organization policy.
- Knowledge about public health interventions that protect community or workplace populations from unhealthful exposures to hazardous materials, infectious disease, physical and general safety hazards.
- Knowledge and ability to interpret technical regulations and guidelines governing sanitation, carcinogens and controlled substances.
- Advanced analytical and organizational skills to organize, prioritize and manage the successful completion of projects within budget and time constraints.
- Demonstrated strong written, verbal and interpersonal communications skills, including advanced

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political acumen and skill to effectively communicate with diverse constituencies in a highly political environment.

- Advanced skill to effectively represent the organization to state and federal authorities, and community groups.
- Demonstrated experience and skill in mentoring or overseeing the work of other EH&S technical and professional staff.
- Demonstrated skill to appropriately use technology and relevant scientific equipment as required.
- Demonstrated ability to work efficiently and effectively in a team structure with other professionals.
- Demonstrated experience and skill to respond to emergencies and critical situations appropriately in a research setting.

Preferred Qualifications

- Advanced degree in Microbiology, Industrial Hygiene, Public Health, Environmental Health or similar field
- Demonstrated knowledge of Governing Laws and Regulations:
 - Title 8 California Code of Regulations
 - Applicable sections of the California Fire Code as it relates to laboratory ventilation, toxic gases, hazardous materials and other laboratory safety issues
 - California Retail Food Code
 - National Institute of Health Guidelines for Research Involving Recombinant DNA Molecules
 - Center for Disease Control and Prevention Biosafety in Microbiological and Biomedical Laboratories

Salary & Benefits

This is a full-time career position with up to 40% remote/hybrid eligibility, depending on business needs.

This position is eligible for the full range of UC 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

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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 range that the University reasonably expects to pay for this position is \$121,000-\$141,500.

How to Apply

To apply, please submit your resume and cover letter.

Driving Required

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

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.

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.

The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#).

To apply, visit

https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS.CG_S



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Contact Information

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

Contact

N/A

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