

Assistant Professor, Mechanical Engineering with
Emphasis on Nuclear Engineering, College of Engineering
University of Nevada, Las Vegas

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Posted Aug. 19, 2024, set to expire Dec. 19, 2024

Job Title	Assistant Professor, Mechanical Engineering with Emphasis on Nuclear Engineering, College of Engineering
Department	Department of Mechanical Engineering
Institution	University of Nevada, Las Vegas Las Vegas, Nevada
Date Posted	Aug. 19, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Nuclear Mechanical Engineering
Apply Online Here	https://nshe.wd1.myworkdayjobs.com/en-US/UNLV-External/job/UNLV1-Main-Campus-Las-Vegas/Assistant-Professor--Mechanical-Engineering-with-Emphasis-on-Nuclear-Engineering--College-of-Engineering--R0144206-_R0144206?q=R0144206

Apply By Email

Job Description

The University of Nevada, Las Vegas invites applications **Assistant Professor, Mechanical Engineering with Emphasis on Nuclear Engineering, College of Engineering [R0144206]**.

ROLE of the POSITION

The Department of Mechanical Engineering at the University of Nevada, Las Vegas (UNLV) invites

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applications for a Full-Time, Tenure-Track, Assistant Professor in Mechanical Engineering with emphasis on Nuclear Engineering.

The earliest start date is July 1st, 2025.

We invite applicants with a strong multidisciplinary research record and expertise in nuclear engineering. Potential expertise areas of interest include but are not limited to computational modeling of radiation transport, nuclear criticality safety, reactors, radiation detection, remote radiation sensing, thermal hydraulic, instrumentation and controls, and nuclear thermal propulsion rockets.

The successful candidates will be expected to teach and develop undergraduate/graduate courses in their expertise areas and supervise master and doctoral students and participate in appropriate levels of service to the department, college, university, and the profession, as well as collaborating with faculty researchers within the department and the University. The candidates will also be expected to develop a vigorous and sustainable grant funded research program in his or her area of expertise that leads to personal professional development and publish results from research in scholarly journals.

PROFILE of the DEPARTMENT

The Mechanical Engineering department offers B.S., M.S., and Ph.D. degree programs and two nuclear engineering graduate certificates. The department has aerospace engineering, materials and nuclear engineering, and biomedical engineering subprograms. Currently, the department has 18 full-time faculty and 4 staff, and more than 800 undergraduate and 80 graduate students. The interdisciplinary research environment, rapid metropolitan economic and population growth, and the entertainment and tourism industries co-located in southern Nevada and the surrounding region provide unique opportunities for research, teaching, and services.

MINIMUM QUALIFICATIONS

This position requires a Ph.D. in Nuclear Engineering or Ph.D. in Mechanical Engineering or closely related fields from an accredited college or university as recognized by the United States Department of Education and/or the Council on Higher Education Accreditation (CHEA). The degree must be awarded prior to the start of employment.

PREFERRED QUALIFICATIONS

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Candidates with at least two years of teaching experience or postdoctoral experience in their area of expertise with a demonstrated record of excellence or experience in collaborative research are preferred.

COMMITMENT to DIVERSITY and CAMPUS VALUES

A successful candidate will support diversity, equity, and inclusiveness and contribute to a respectful, positive work environment. They will use our [Campus Values](#) to guide their decisions and actions and demonstrate our Rebel spirit.

SALARY

Salary competitive with those at similarly situated institutions.

BENEFITS OF WORKING AT UNLV

- Competitive total rewards package including:
 - Paid time off, sick leave, and holidays
 - Excellent health insurance including medical, dental and vision
 - Comprehensive retirement plans and voluntary benefits programs
- No state income tax
- Tuition discounts at Nevada System of Higher Education (NSHE) schools
- Tuition discounts for spouses, domestic partners, and dependents

PERKS

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Employee recognition and appreciation programs

- [Connect with colleagues with shared interests](#)
- [Personal and professional development opportunities](#)
- UNLV athletics ticket discounts
- Statewide employee purchase program discounts
- [RebelCard](#) discounts on and off campus
- [Wellness programming](#) for all UNLV faculty and staff at no cost
- A comprehensive onboarding program, [Rebels: Onboard](#)
- Opportunity for career advancements to leadership roles

HOW TO APPLY

Submit a letter of interest, a detailed resume listing qualifications and experience, and the names, addresses, and telephone numbers of at least three professional references who may be contacted. References will not be contacted until the search chair notifies you in advance.

Applicants should fully describe their qualifications and experience, with specific reference to each of the minimum and preferred qualifications because this is the information on which the initial review of materials will be based.

Although this position will remain open until filled, review of candidates' materials will begin on Sept.16, 2024.

Materials should be addressed to Dr. Melissa Morris, Search Committee Chair, and must be submitted



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through Workday, as we do not accept emailed materials. For assistance with the application process, please contact UNLV Human Resources at (702) 895-3504 or UNLVJobs@unlv.edu.

SPECIAL INSTRUCTIONS FOR INTERNAL NSHE CANDIDATES

UNLV employees or employees within the Nevada System of Higher Education (NSHE) MUST use the "Find Jobs" process within [Workday](#) to find and apply for jobs at UNLV and other NSHE Institutions. Once you log into [Workday](#), type "Find Jobs" in the search box which will navigate to the internal job posting site. Locate this specific job posting by typing the job requisition number, "R0144206" in the search box.

If you complete an application outside of the internal application process, **your application will be returned and you will have to reapply as an internal applicant which may delay your application.**

PROFILE of the UNIVERSITY

Founded in 1957, UNLV is a doctoral-degree-granting institution of approximately 30,000 students and more than 3,600 faculty and staff. To date, UNLV has conferred more than 152,000 degrees, producing more than 130,000 alumni around the world. UNLV is classified by the Carnegie Foundation for the Advancement of Teaching as an R1 research university with very high research activity. The university is committed to recruiting and retaining top students and faculty, educating the region's diversifying population and workforce, driving economic activity through increased research and community partnerships, and creating an academic health center for Southern Nevada that includes the launch of a new UNLV School of Medicine. UNLV is located on a 332-acre main campus and two satellite campuses in Southern Nevada.

Here at UNLV, we have come together and created one of the most affirmative and dynamic academic environments in the country. UNLV sits in the top spot in U.S. News & World Report's annual listing of the nation's most diverse universities for undergraduates. The university has ranked in the top ten since the rankings debuted more than a decade ago. We continue to show our commitment to serving our wonderfully diverse population and building the future for Las Vegas and Nevada.

For more information, visit us on line at: <http://www.unlv.edu>

EEO/AA STATEMENT

The University of Nevada - Las Vegas (UNLV) is committed to providing a place of work and learning free of discrimination on the basis of a person's age (40 or older), disability, whether actual or perceived by others (including service-connected disabilities), gender (including pregnancy related

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conditions), military status or military obligations, sexual orientation, gender identity or expression, genetic information, national origin, race (including hair texture and protected hairstyles such as natural hairstyles, afros, bantu knots, curls, braids, locks and twists), color, or religion (protected classes). Discrimination on the basis of a protected class, including unlawful harassment, which is a form of discrimination, is illegal under federal and state law. Where unlawful discrimination is found to have occurred, UNLV will act to stop the unlawful discrimination, to prevent its recurrence, to remedy its effects, and to discipline those responsible. Women, minorities, and veterans are encouraged to apply.

TITLE IX STATEMENT

The University of Nevada, Las Vegas, does not discriminate on the basis of sex in any education program or activity that it operates. Non-discrimination on the basis of sex is mandated by Title IX of the Education Amendments of 1972 (20 U.S.C. §§ 1681 et seq.) and the corresponding implementation regulations (34 C.F.R. Part 106). The University's commitment to nondiscrimination in its education programs and activities extends to applicants for admission and employment. Inquiries concerning the application of these provisions may be referred to: Michelle Sposito, J.D., Title IX Coordinator, University of Nevada, Las Vegas, 4505 S. Maryland Parkway, Box 451062, Las Vegas, NV 89154-1062, Frank and Estella Beam Hall (BEH) Room 553, Telephone: (702) 895-4055; Email: titleixcoordinator@unlv.edu, or to The Assistant Secretary of the United States Department of Education, U.S. Department of Education, Office for Civil Rights, 400 Maryland Avenue, SW, Washington, D.C. 20202-1100; Telephone: 1-800-421-3481 FAX: 202-453-6012; TDD: 1-800-877-8339; Email: OCR@ed.gov; or to both.

Information pertaining to the University's grievance procedures and grievance process, including how to report or file a complaint of sex discrimination, how to report or file a formal complaint of sexual harassment, and how the University will respond can be found online at the [Office of Equal Employment & Title IX](#) webpage.

SAFETY AND SECURITY STATEMENT

UNLV is committed to assisting all members of the UNLV community in providing for their own safety and security. [The Annual Security Report and Annual Fire Safety Report compliance document](#) is available online.



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Contact Information

Please reference Academickeys in your cover letter when
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Contact

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