Open Level Faculty Position in the Area of Electronics and Photonics, Emerging Technologies
University of California Santa Barbara

Job Title	Open Level Faculty Position in the Area of Electronics and Photonics, Emerging Technologies
Department	Electrical and Computer Engineering
	https://www.ece.ucsb.edu
Institution	University of California Santa Barbara
	Santa Barbara, California
Date Posted	Oct. 29, 2024
Application Deadline	09/30/2025
Position Start Date	Available immediately
Job Categories	Assistant Professor
	Associate Professor
	Professor
Academic Field(s)	Optics & Optical Engineering
	Engineering Physics
	Electrical and/or Electronics

Apply By Email

Job Description

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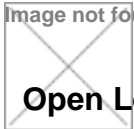
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Position overview
Salary range: The posted UC system-wide salary scales set the minimum pay determined by rank and step at appointment. See Table 3 for the salary range at UCSB. A reasonable estimated full-time rate

for this position at 100% time is $108,500 - $425,000. "Off-scale salaries", i.e. a salary that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions.

Anticipated start: Application Window Open date: October 28, 2024

Next review date: Monday, Dec 2, 2024 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.

Final date: Tuesday, Sep 30, 2025 at 11:59pm (Pacific Time)
Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The Department of Electrical and Computer Engineering at the University of California, Santa Barbara (UCSB) is accepting applications for a tenure track position at all ranks (Assistant, Associate and Full Professor level) in the area of Photonics. The Department has particular (but non-exclusive) interest in applicants with expertise in quantum optics, optical devices, photonic integrated circuits, fabrication of optical devices, growth of optical materials and systems measurements of photonic devices and integrated circuits.

The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. In 2024-25, a wide array of UC Santa Barbara departments are partnering with the Office of Diversity, Equity, and Inclusion to launch a special faculty recruitment initiative named after Benjamin Banneker, the 18th-century African American mathematician, astronomer, anti-racist, engineer, ecologist, and peace advocate. Funded by an Advancing Faculty Diversity grant from the UC Office of the President, with the goal of diversifying faculty, research, and curriculum in STEM (and related) fields, the Banneker Initiative aims to recruit scholars, scientists, and engineers whose disciplinary and interdisciplinary work would take place within the community of interests exemplified by Banneker's intellectual, ethical, and social commitments as an African American scientist. Applicants may be eligible to be fellows in the Benjamin Banneker Initiative. The community of Banneker Fellows will receive funding for cohort building and professional development activities, including enrollment in the National Center for Faculty Development and Diversity Faculty Success Program, proposal writing training, and seed grants.

The University of California, Santa Barbara is a leading research institution nestled on California's beautiful Central Coast, with the ECE building located adjacent to the beach. The greater Santa

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Barbara area is a great place to raise a family and is within driving distance to Los Angeles.

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Qualifications

Basic qualifications (required at time of application)

Applicants must have completed all requirements for a Ph.D. (or equivalent) in Electrical and Computer Engineering or a closely related field except the dissertation at the time of application.

Additional qualifications (required at time of start)

Ph.D. required by time of appointment.

Preferred qualifications

Candidates should have an established research reputation or outstanding research potential, the ability to attract external research funding, and a strong commitment to teaching at the undergraduate and graduate levels.

Candidates should demonstrate the ability to develop a highly successful independent research program, and demonstrate the potential to participate effectively in the teaching of the ECE curriculum at both the undergraduate and graduate levels

Application Requirements by Level

Assistant Professor

Individuals should submit their application at this level if they meet one of the following conditions: Current or recent PhD candidate or graduate; current or recent postdoc; current assistant professor (including those who are "senior" assistant professors near tenure). Please note that this level determination is only for application review purposes, not the ultimate appointment level of the finalist.

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

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- Statement of Research - 1-3 pages
- Statement of Teaching - 1-3 pages
- Statement of Contributions to Diversity - Statement addressing past and/or potential contributions to diversity through research, teaching, and/or service.

Reference requirements

- 3-4 letters of reference required

Applicants must provide the names and email addresses for 3-4 references and request letters of reference within the UC Recruit system in order to complete the application requirements.

Apply link: https://recruit.ap.ucsb.edu/JPF02854

Associate or Full Professor

Individuals should submit their application at this level if they meet one of the following conditions: Current tenured professor; position equivalent to tenured professor (ie., at an international university). Please note that this level determination is only for application review purposes, not the ultimate appointment level of the finalist.

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research - 1-3 pages
- Statement of Teaching - 1-3 pages
- Statement of Contributions to Diversity - Statement addressing past and/or potential contributions to diversity through research, teaching, and/or service.

Reference requirements

- 3-4 required (contact information only)

Applicants must provide the names and email addresses for 3-4 references. The search committee will email the references of applicants invited to on-campus interviews.

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Help contact: employment@ece.ucsb.edu

About UC Santa Barbara

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, age or protected veteran status. For the University of California's Affirmative Action Policy please visit: https://policy.ucop.edu/doc/4010393/PPSM-20. For the University of California's Anti-Discrimination Policy, please visit: https://policy.ucop.edu/doc/1001004/Anti-Discrimination.

As a condition of employment, you will be required to comply with the University of California Policy on Vaccination Programs, as may be amended or revised from time to time. Federal, state, or local public health directives may impose additional requirements.

Job location
Santa Barbara, California

To apply, please visit: https://recruit.ap.ucsb.edu/JPF02854

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Contact Information

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

Contact

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