Ohio Research Scholar in Sensor Systems
The Ohio State University

Job Title	Ohio Research Scholar in Sensor Systems
Department	Engineering | Electrical and Computer Engineering http://htts://ece.osu.edu
Institution	The Ohio State University Columbus, Ohio
Date Posted	Sep. 30, 2025
Application Deadline	Open until Filled
Position Start Date	Autumn 2026
Job Categories	Research Professor Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering
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Job Description	

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The Ohio State University

Columbus, OH

Department:

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Engineering | Electrical and Computer Engineering

Tenure faculty (regardless of rank) - persons with the titles of professor, associate professor, assistant professor and instructor who serve on appointments totaling 50% or more service to the university and who are eligible for tenure or who have obtained tenure. Duties and responsibilities are assigned in accordance with the workload guidelines laid out in the pattern of administration of each faculty member's tenure initiation unit (TIU) and, as appropriate, regional campus; obligations will include research, service and/or teaching or clinical practice. These faculty will have earned doctorate or other terminal degree in the relevant field of study or possession of equivalent experience.

Position Overview

The Department of Electrical and Computer Engineering (htts://ece.osu.edu) at The Ohio State University invites applications for the position of Ohio Research Scholar in Sensing Systems, a tenured faculty position at the rank of full professor. The research area is broadly defined to apply to different areas including, but not limited to RF, mmWave, sub-mmWave systems, electro-optical systems, sensor signal processing, and others. Successful applicants are expected to establish synergistic intellectual bridges between multiple groups such as ElectroScience Lab, Solid State, Circuits, Power and Energy, Signals and Systems, Networking, and Control. The research area must complement the current research portfolio. This position will start as early as Autumn 2026 Semester.?

The position is open to applicants who may require sponsorship for a visa or other work authorization.

Performance Objectives

Contribute to research activities in the Electrical and Computer Engineering program and develop and maintain a nationally and internationally recognized externally funded research program in their technical fields.

Teach and mentor students at both the undergraduate and graduate levels and supervise students and postdoctoral research.

Participate in service to the university and the international research community.

Education and Experience Requirements

Required:

- A Ph.D. in electrical engineering, computer engineering, or a closely related field. Ph.D.

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- Evidence of demonstrated efforts in research, teaching, and/or outreach and engagement that reflect Ohio State's Shared Values.
- Evidence of the ability to attract and mentor graduate students.
- Evidence of the ability to teach and supervise undergraduate students in a welcoming and supportive manner.
- Excellent interpersonal and communication skills with desire and ability to work constructively, decisively, and collegially with external and internal colleagues.

Desired:

- Experience with interdisciplinary research and education.
- Experience with engagement with industrial or government partners for external funding.
- Strong record of an externally funded and productive research program.
- A demonstrated track record of leadership and collaboration in an academic environment.
- Experience and training in mentoring and teaching skills.
- Embrace development of open-minded exploration among learners
- A familiarity working with campus administrators and leaders
- Potential to be a conscientious university community member

Additional Information

The final offer for this position will be determined based on the candidate's qualifications and experience. Salary and start-up packages are negotiated by the department chair and may vary depending on individual circumstances.?

Ohio State provides access to a depth and breadth of opportunities and resources. Starting your first day, Ohio State offers you a comprehensive benefits package

How to Apply

https://osu.wd1.myworkdayjobs.com/en-US/OSUCareers/details/Ohio-Research-Scholar-in-Sensor-Systems_R137398-1?q=R137398

Please be aware that you will not be able to edit your application after you submit it (this includes application materials).

Please include all and only the following required application materials in the Application Documents

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section, found in the My Experience step (Step 2 of the application process):

Attachment 1: Cover Letter: 1-2 page letter, which should include a brief summary of your academic background and why you are interested in this opportunity.

Attachment 2: CV (Curriculum Vitae)/Resume (do not include pictures in your CV/resume): Detailed overview of your scholarly experience, including your research experience, teaching and mentoring experience, service, funding, and publications.

Attachment 3: Teaching and Mentoring Statement. Write 1-2 pages, single spaced narrative that includes:

- A personal vision for teaching and learning.
- A description of teaching strategies or approaches for which you received training or have implemented.
- Justification for those strategies, focusing on evidence-based practice, highlighting how to achieve an effective learning environment for all students regardless of their backgrounds, expectations, and needs.
- Your mentoring philosophy
- Describe previous mentoring training and/or experience
- State mentoring skills you consider fundamental, including those necessary to effectively mentor students from any cultural background.

Attachment 4: Research Statement. Write 1-2 pages, single spaced narrative that includes:

- Your research questions and their importance; how your research contributes to your field
- Research plan and future research directions
- Identify potential collaborations and funding sources
- Broader impacts of your research (the potential to benefit society and contribute to the achievement of specific, desired societal outcomes)
- Plan for student engagement in your research program.

Attachment 5: Leadership Statement. A statement of your approaches, experiences, and plans for leadership as they apply to the Ohio Research Scholar position.

Please do not include a list of references with your application. We will request this information when we need it.

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For questions regarding this position, please contact Eylem Ekici at ekici.2@osu.edu .

Application review:

Review of applications will begin on November 1, 2025 and continue until the position is filled.

The university is an equal opportunity employer, including veterans/disability.

Contact Information

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

Contact

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