

Postdoctoral Research Associate in Microfluidics,  
Nanofabrication, and Nanophotonics  
Princeton University

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Posted Oct. 18, 2024, set to expire Feb. 17, 2025

<b>Job Title</b>	Postdoctoral Research Associate in Microfluidics, Nanofabrication, and Nanophotonics
<b>Department</b>	Electrical and Computer Engineering <a href="http://ece.princeton.edu">http://ece.princeton.edu</a>
<b>Institution</b>	Princeton University Princeton, New Jersey
<b>Date Posted</b>	Oct. 18, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Optics & Optical Engineering Bioengineering (all Bio-related fields)
<b>Job Website</b>	<a href="https://www.princeton.edu/acad-positions/position/36861">https://www.princeton.edu/acad-positions/position/36861</a>
<b>Apply Online Here</b>	<a href="https://www.princeton.edu/acad-positions/position/36861">https://www.princeton.edu/acad-positions/position/36861</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Department of Electrical and Computer Engineering has opening for postdoctoral research positions in the following fields:

1. Microfluidic and Lab-on-Chip development in a multidisciplinary lab. Candidates should demonstrate track-records in microfluidics, Lab-on-Chip, and micro-fabrication and knowledge in

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- molecular biology, diagnostics, and/or optical measurements is a plus.
2. Nanofabrication and applications. Candidates should have significant experience in micro/nano-patterning, nanolithography, etching, and deposition and experience in applications of nanostructures is a plus.
  3. Experimental nanophotonics. Candidates should have significant experience in nanophotonic devices (including nano-plasmonics) design, fabrication, and characterizations.

All candidates should have a Ph.D. degree. Appointments will be for one year, with the possibility of renewal pending satisfactory performance. Applicants must apply online at <https://www.princeton.edu/acad-positions/position/36861> and include a cover letter, CV, and names and contact information for 3 references. This position is subject to the University's background check policy. The work location for this position is in-person on campus at Princeton University.

Princeton University is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.

### Contact Information

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

**Contact** EE Search Committee  
Electrical and Computer Engineering  
Princeton University  
B210 Engineering Quadrangle  
Princeton, NJ 08544

**Contact E-mail** [eesearch@exchange.Princeton.EDU](mailto:eesearch@exchange.Princeton.EDU)