

Postdoctoral Research Associate Positions at UT Dallas
and NIST
University of Texas, Dallas

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Posted Jul. 20, 2020, set to expire Nov. 19, 2020

Job Title	Postdoctoral Research Associate Positions at UT Dallas and NIST
Department	Systems Engineering https://syse.utdallas.edu
Institution	University of Texas, Dallas Richardson, Texas
Date Posted	Jul. 20, 2020
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Mechatronics Mechanical Engineering Engineering - Other
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Job Description

A postdoctoral research associate position is available for working on a research project funded by the United States Department of Energy. This project involves collaboration between University of Texas at Dallas and National Institute of Standard and Technology (NIST). It aims to develop miniaturized scanning probe devices for high-throughput atomically precise manufacturing.

The candidates should have experience with MEMS design, characterization and microfabrication in a cleanroom environment and be able to design interface electronic circuits for MEMS transducers. The successful candidate will have the opportunity to participate in a host of theoretical and experimental projects, supervise graduate and undergraduate researchers, write reports and manuscripts, attend international conferences and prepare proposals. The position will be based at the Laboratory for

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Dynamics and Control of Nanosystems at the University of Texas at Dallas and will involve extensive collaborations with our partner research groups.

The applicants should have (or be close to completing) a Ph.D. in Electrical Engineering, Mechanical Engineering, or a closely related field. The position is available immediately and includes a competitive salary and fringe benefits package. Interested applicants should contact Dr. Reza Moheimani at Reza.Moheimani@utdallas.edu with the following information:

- A detailed CV including a list of publications
- A statement of research interests and background (one page only)
- Names and contact details of three references

EEO/AA Policy

<https://www.utdallas.edu/oiec/files/EEOSTatement2017.pdf>

Contact Information

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

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