

Post Doctoral Fellow  
The University of Texas at Austin

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Posted Sep. 24, 2024, set to expire Jan. 24, 2025

<b>Job Title</b>	Post Doctoral Fellow
<b>Department</b>	Oden Institute / Aerospace Engineering and Engineering Mechanics <a href="http://www.ae.utexas.edu">http://www.ae.utexas.edu</a>
<b>Institution</b>	The University of Texas at Austin Austin, Texas
<b>Date Posted</b>	Sep. 24, 2024
<b>Application Deadline</b>	Nov. 1, 2024
<b>Position Start Date</b>	Nov. 1, 2024
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Aerospace/Aeronautical/Astronautics Engineering - Other

**Apply By Email**

**Job Description**

We are looking for a post-doctoral fellow to work in the area of plasma torch diagnostics and high-temperature material-response. For this position we require excellent experimental skills and experience with conventional and optical flow diagnostics. The successful candidate will work with the UT Austin 50 kW inductively-coupled plasma torch. Ongoing work in the plasma torch includes emission spectroscopy, laser-induced fluorescence, spontaneous Raman scattering, and coherent anti-Stokes Raman spectroscopy (CARS). Experience with plasma diagnostics is desirable, but not required.

**Qualifications:**

- PhD in Engineering, Physics or Chemistry
- Experience with experimental gas dynamics and optical diagnostics

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**Contact Information**

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

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