

Postdoctoral Scholar (Badurdeen)  
University of Kentucky

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Posted Aug. 9, 2024, set to expire Aug. 16, 2024

<b>Job Title</b>	Postdoctoral Scholar (Badurdeen)
<b>Department</b>	8H600:Institute for Sustainable Manufacturing
<b>Institution</b>	University of Kentucky Lexington, Kentucky
<b>Date Posted</b>	Aug. 9, 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>	Manufacturing & Quality Engineering Sustainable Engineering
<b>Job Website</b>	<a href="https://ukjobs.uky.edu/postings/543629">https://ukjobs.uky.edu/postings/543629</a>
<b>Apply By Email</b>	

**Job Description**

The Next Generation Additive Manufacturing Research Laboratory (NextGen AMRL) at the Institute for Sustainable Manufacturing has an immediate vacancy for a Postdoctoral scholar in the area of smart metal additive manufacturing (AM). NextGen AMRL is seeking a highly motivated and skilled individual to fill this position. The postdoctoral researcher will assist the PI and Co-PIs in the development and implementation of novel smart AM capabilities for real-time process monitoring and control to enable achieving enhanced process-property-performance. A particular emphasis will be placed on developing these capabilities for large-scale AM technologies such as Additive Friction Stir Deposition (AFSD), Cold Spray AM (CSAM), Laser Metal Deposition (LMD), and Wire-Arc AM (WAAM), along with hybrid (additive + subtractive) operations.

The Postdoctoral scholar will also be required to assist with coordinating meetings with the project sponsors/partners, mentoring and supervision of undergraduate and graduate students in the group, documenting and dissemination of results through presentations, reports as well as conference and

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journal publications. They will also support the PI and Co-PIs in the preparation of grant proposals for external funding.

Funding will be renewed yearly, contingent upon performance, for up to 2 years. U.S. Citizens or Green Card holders are strongly encouraged to apply.

**Contact Information**

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

**Contact**