

Postdoc and Research Scientist Openings on Bioprinting
and Additive Manufacturing
University of Notre Dame

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Posted Mar. 20, 2025, set to expire Jul. 20, 2025

Job Title	Postdoc and Research Scientist Openings on Bioprinting and Additive Manufacturing
Department	Aerospace & Mechanical Engineering
Institution	University of Notre Dame Notre Dame, Indiana
Date Posted	Mar. 20, 2025
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Material/Metallurgy Manufacturing & Quality Engineering Chemical/Petroleum Bioengineering (all Bio-related fields) Engineering - Other
Apply By Email	yzhang45@nd.edu
Job Description	

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Multiple research scientist and postdoc positions are available immediately. We are seeking outstanding candidates to work on a collaborative bioprinting project between Prof. Yanliang Zhang at University of Notre Dame and Prof. Y. Shrike Zhang at Harvard Medical School. Our team is at the forefront of developing revolutionary bioprinting methods capable of producing functional organs. The candidates will receive world-class training and career development opportunities on cutting-edge bioprinting technologies at both Notre Dame and Harvard Medical School.

Desired experiences and qualifications:

Bioprinting, development of 3D printer hardware and software, control, automation, and robotics, AI/ML for autonomous additive manufacturing, tissue engineering. A doctoral degree and relevant publications in reputable journals are prerequisites.

Interested applicants should send resume and three professional references **to Prof. Zhang by email: yzhang45@nd.edu**.

Professor Yanliang Zhang is the Advanced Materials and Manufacturing Collegiate Chair Professor, and the director of Advanced Materials and Manufacturing for Energy and Health Lab at University of Notre Dame (**A top 18 University in US**). The mission of our lab is to develop advanced materials and novel additive manufacturing methods to address major societal challenges in personalized health and sustainable energy. We are working on cutting-edge research topics on multi-materials additive manufacturing, bioprinting of tissues/organs, wearable/implantable devices, and sustainable energy materials and systems. Our lab's groundbreaking research has been published in top journals including ***Nature, Advanced Materials, Energy & Environmental Science, Chemical Society Reviews***, etc. More information about our research can be found from our lab website: <https://zhanglab.nd.edu/>.

Contact Information

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

Contact Yanliang Zhang
Aerospace & Mechanical Engineering
University of Notre Dame
Notre Dame, IN



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