

Postdoctoral Research Associate
University of Notre Dame

Direct Link: <https://www.AcademicKeys.com/r?job=231385>

Downloaded On: May. 9, 2024 12:38am

Posted Feb. 26, 2024, set to expire Jun. 27, 2024

Job Title	Postdoctoral Research Associate
Department	Aerospace & Mechanical Engineering http://ame.nd.edu
Institution	University of Notre Dame Notre Dame, Indiana
Date Posted	Feb. 26, 2024
Application Deadline	Open until filled
Position Start Date	as soon as summer 2024
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Bioengineering (all Bio-related fields) Engineering - Other
Job Website	https://commandlab.nd.edu/
Apply Online Here	http://apply.interfolio.com/118642
Apply By Email	
Job Description	

The Computational Mechanics of Morphology at Notre Dame (CoMMaND) Lab is soliciting applications for a postdoctoral position in the area of computational modeling and immunomechanics. The CoMMaND Lab is associated with the Department of Aerospace & Mechanical Engineering as well as the Bioengineering Graduate Program.

What we offer:

- support and mentorship for professional development tailored to individual goals

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- regular interactions with colleagues and visiting speakers in both mechanical and bioengineering
- salary at or above NIH NRSA levels with annual raises
- vibrant university community in a city with affordable cost of living
- potential for renewal up to two additional years

What we're looking for:

- people who are curious about the intersection of mechanics, computation, and the immune system, ideally with some background in one or more of those areas
- motivation to be the primary driver on a project
- strong oral and written communication skills
- enthusiasm for your own professional development and that of graduate/undergraduate students

Start date is flexible, available as soon as summer 2024 and preferred by spring 2025. Review of applications will begin immediately and will continue until the position is filled.

For additional information:

CoMMaND Lab Website (<https://commandlab.nd.edu/>)

Dr. Maria Holland (maria-holland@nd.edu)

Qualifications

Minimum Qualifications: Postdoctoral applicants should have a doctoral degree in mechanical engineering, bioengineering, or related field.

Preferred Qualifications: The ideal applicant will have excellent communication and interpersonal skills and a high level of initiative.

Candidates with any of the following are preferred: 1) knowledge and experience in immunology and/or immunoengineering; 2) background in computational solid mechanics, particularly poromechanics; 3) proficiency in Abaqus user subroutines; or 4) background in biomechanics or mechanobiology in any organ or system. Women and minority candidates are strongly encouraged to apply.

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Please include:

- cover letter indicating your experiences and interests relevant to the proposed project
- curriculum vitae
- one peer-reviewed publication (if you have more than one, please choose the one most relevant to this position, or the one you feel best represents the quality of your work and writing. In the cover letter, please identify what part(s) of the paper you were responsible for.)
- names and email addresses of three professional references

Writing ability will be assessed based on the cover letter and CV as well as the publication.

EEO/AA Policy

The University of Notre Dame seeks to attract, develop, and retain the highest quality faculty, staff and administration. The University is an Equal Opportunity Employer, and is committed to building a culturally diverse workplace. We strongly encourage applications from female and minority candidates and those candidates attracted to a university with a Catholic identity. Moreover, Notre Dame prohibits discrimination against veterans or disabled qualified individuals, and requires affirmative action by covered contractors to employ and advance veterans and qualified individuals with disabilities in compliance with 41 CFR 60-741.5(a) and 41 CFR 60-300.5(a).

Background Check

This appointment is contingent upon the successful completion of a background check. Applicants will be asked to identify all felony convictions and/or pending felony charges. Felony convictions do not automatically bar an individual from employment. Each case will be examined separately to determine the appropriateness of employment in the particular position. Failure to be forthcoming or dishonesty with respect to felony disclosures can result in the disqualification of a candidate. The full procedure can be viewed at <https://facultyhandbook.nd.edu/?id=link-73597>.

Contact Information

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

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