

Post Doctoral Fellow - Optical Turbulence and Control Clemson University

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Posted Jan. 29, 2025, set to expire May 29, 2025

Job Title	Post Doctoral Fellow - Optical Turbulence and Control
Department	Engineering
Institution	Clemson University Anderson, South Carolina
Date Posted	Jan. 29, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering
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Job Description	

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Post Doctoral Fellow - Optical Turbulence and Control

Location:

Open Date:

Description

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A postdoctoral researcher position is available in Optical Turbulence and Control at Clemson University in South Carolina. The candidates will work with faculty mentors and researchers in the departments of

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Mechanical, Electrical and Material Science Engineering, as well as Chemistry and will be supervised by Prof. R. J. Watkins. The appointment is for one year but may be extended for an additional 1-2 years.

The postdoctoral researcher will participate in interdisciplinary, funded research programs related to the propagation of coherent light in turbulent environments and its spatial and temporal control. This project is part of Clemson's Engineered Light Research Center. The postdoctoral candidate is expected to conduct research within a larger team to include multiple universities and should have strong technical, communication, and project management skills. Other duties as assigned.

Qualifications

Candidates should hold a PhD degree in Electrical or Mechanical engineering or a related field with documented qualifications as follows: at least two or more years of related, or equivalent, experience in optics and laser technology; fluency in English; excellent communication skills; demonstrated technical competence in the above areas; a solid publication record; and strong coding and optical lab skills. The willingness and ability to acquire new skills and knowledge as needed during the project; to work effectively and cooperatively with others; and to manage time effectively is expected. Other desired qualifications include optical fabrication and control system design and experience. The applicant must be a US Citizen or Permanent Resident.

Application Instructions

Candidates should submit (1) a cover letter, (2) a curriculum vitae, (3) 2 sample papers, (4) evidence of a PhD, and (5) the contact information (names and email addresses) for 3 professional references to <https://apply.interfolio.com/162646>.

The review of applications will begin immediately. Applications will continue to be accepted until the position is filled.

Equal Employment Opportunity Statement

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty and staff committed to working in a multicultural environment and encourages applications from minorities and women.

Qualifications

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Application Instructions

For more information and to apply, visit <https://apply.interfolio.com/162646>

Contact Information

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

Contact

Engineering
Clemson University

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