

Open Rank Faculty position in Applied/Materials Physics Columbia University in the City of New York

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Posted Feb. 5, 2024, set to expire Jun. 8, 2024

Job Title	Open Rank Faculty position in Applied/Materials Physics
Department	Applied Physics & Applied Mathematics http://www.apam.columbia.edu
Institution	Columbia University in the City of New York New York, New York
Date Posted	Feb. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Material/Metallurgy Engineering - Other
Job Website	http://apply.interfolio.com/139953
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Job Description	

Description

The Department of Applied Physics and Applied Mathematics (APAM) at Columbia University in the City of New York invites applications for a tenure-track assistant professor or associate professor faculty position in Applied/Materials Physics. APAM is a highly multi-disciplinary department

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investigating fundamental math, physics, and materials science problems underlying critical applications in science and engineering ranging from Plasma/Fusion physics to Climate dynamics. For this search, the Department is particularly interested in candidates with research interests in the broad category of Applied/Materials Physics, such as condensed matter physics and its application, optics and photonics, nanoscience and technology, theoretical quantum information science, computational materials science, molecular dynamics with machine learning potentials, advanced materials for fission and/or fusion, and related fields. While candidates at the junior level are preferred, exceptional candidates at the tenured associate professor or professor levels will also be considered.

Qualifications

Candidates must have a Ph.D. in Physics, Applied Physics, Materials Science, or related areas by the start date of the appointment. Applicants for this position at the tenure-track Assistant Professor and Associate Professor levels must have the potential to do pioneering research and teach effectively. Applicants for this position at the tenured Associate or Full Professor level must have a demonstrated record of outstanding research accomplishments, excellent teaching credentials, and established leadership in the field.

Candidates at all levels must be able to demonstrate the ability to develop a highly successful and internationally recognized independent research program and to participate effectively in the teaching of our core applied physics or materials science curriculum at the undergraduate and graduate level. Columbia encourages multi-disciplinary research and collaborations across academic units on the campus. The Department is particularly interested in qualified candidates who can contribute to the diversity and excellence of the university community.

Application Instructions

Applications should be submitted electronically to apply.interfolio.com/139953 and include the following: curriculum vitae (including a list of publications), a research statement (description of research accomplishments and planned research), a statement of teaching interests and plans, three letters of recommendation from experts in the candidate's field, and up to three pre/reprints of scholarly work. All applications received by March 15, 2024 will receive full consideration. Inquiries should be directed to apam@columbia.edu.

Applicants are encouraged to consult <https://apam.columbia.edu/> for more information about the department.

Hiring Salary Range: Professor: 133K-300K; Associate Professor (tenured): 121K-171K; Associate Professor (w/o tenure): 113K-159K; Assistant Professor: 108K-138K

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EEO/AA Policy

Columbia University is an Affirmative Action/Equal Opportunity Employer

Contact Information

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

Contact

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