

Associate Research Scientist in Magnetically Confined
Plasma Research
Columbia University

Direct Link: <https://www.AcademicKeys.com/r?job=264543>

Downloaded On: Oct. 30, 2025 1:24pm

Posted Oct. 28, 2025, set to expire Mar. 12, 2026

Job Title	Associate Research Scientist in Magnetically Confined Plasma Research
Department	Applied Physics and Applied Mathematics https://fusion.columbia.edu/
Institution	Columbia University New York City, New York
Date Posted	Oct. 28, 2025
Application Deadline	Open until filled
Position Start Date	Jan 1, 2026 or until filled
Job Categories	Research Scientist/Associate
Academic Field(s)	Engineering Physics
Job Website	https://apply.interfolio.com/175116
Apply Online Here	https://apply.interfolio.com/175116
Apply By Email	
Job Description	

The Department of Applied Physics and Applied Mathematics (APAM) at Columbia University in the City of New York invites applications for Associate Research Scientist positions in the area of magnetically confined plasma research.

The successful candidate will advance research in magnetically confined plasmas and support the broader goals of the Columbia Fusion Research Center. In the tokamak area, the candidate may conduct research on experimental tokamak facilities in the public sector. Examples include the DIII-D tokamak located at General Atomics or the National Spherical Torus Experiment Upgrade located at

**Associate Research Scientist in Magnetically Confined
Plasma Research
Columbia University**

Direct Link: <https://www.AcademicKeys.com/r?job=264543>

Downloaded On: Oct. 30, 2025 1:24pm

Posted Oct. 28, 2025, set to expire Mar. 12, 2026

Princeton Plasma Physics Laboratory, or tokamaks located abroad. In the stellarator area, the candidate may conduct research in coil optimization, energetic particle physics, and other related activities. Activities may also be conducted in support of industrially sponsored research contracts originating from a wide array of sponsors, including concepts beyond tokamaks and stellarators. The successful candidate will also be expected to assist in the mentorship of more junior scientists, post-doctoral researchers, and students. In addition, the candidate is expected to conduct both supporting and independent research towards the execution of the Columbia Fusion Research Center research program, likely supporting multiple research awards.

Candidates for professional officer of research positions are expected to have established their ability to conduct original, independent scientist research. To the rank of an associate research scientist, candidate's qualifications and contributions to their fields of research must be equivalent to those of an assistant professor. All candidates for all officer of research positions are expected to be able to work well in a team and to communicate effectively the results of their research or research activities both orally and in writing.

The level of appointment is commensurate with experience. The earliest position is expected to begin on approximately Jan 1st 2026 or sooner if possible, with possible additional positions being filled later in 2026. The search will close no sooner than December 1st 2025 and will remain open until the positions are filled.

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 Carlos Paz-Soldan

Associate Research Scientist in Magnetically Confined
Plasma Research
Columbia University

Direct Link: <https://www.AcademicKeys.com/r?job=264543>

Downloaded On: Oct. 30, 2025 1:24pm

Posted Oct. 28, 2025, set to expire Mar. 12, 2026

Applied Physics and Applied Mathematics
Columbia University
New York City, NY

Contact E-mail cap2270@columbia.edu