

Post-doctoral positions available in the group of Giulia Galli at the University of Chicago

Several positions are available in the group of Giulia Galli at the University of Chicago for postdoctoral scholars focusing on **the study of materials for quantum technologies and on the development of quantum simulations methods.**

The projects will be under the direction of Galli and conducted in collaboration with several scientists at the University of Chicago and at Argonne National Laboratory, within the Midwest Integrated Center for Computational Materials. Candidates with a background in condensed matter physics, chemistry or materials science and electronic structure are invited to apply.

Candidates should submit:

- 1) A full CV, including list of publications and contacts for at least two references.
- 2) A cover letter of intent to Giulia Galli at gagalli@uchicago.edu, with "Postdoctoral application: Quantum Materials" in the subject line (PDF attachments only).

Shortlisted candidates will be contacted individually for interviews, usually over videoconferencing.

Academic Title: Postdoctoral Scholar

Salary: Commensurate with experience and qualifications.

Basic Qualifications: Ph.D in physics, chemistry, materials science, or a related field of research

Availability: Immediate

Skills and experience:

- Strong background in computational condensed matter physics and/or materials science/chemistry, including density functional theory and many body perturbation theory and/or quantum chemistry.
- Previous experience with electronic structure calculations.
- Excellent verbal and written communication skills.

The position (initially for 1 year and renewable) will be hosted at the Pritzker School of Molecular Engineering (PME), at the University of Chicago, under the supervision of Prof. Giulia Galli. The PME offers a thriving intellectual environment, outstanding computational resources and facilities, and a very active and lively community of researchers in the area of quantum science and engineering (<https://pme.uchicago.edu/themes/quantum-engineering>).