Position Title: Provost’s Postdoctoral Research Scientist and Scholar

Institution: Columbia University

Departments: Chemical Engineering and Chemistry

Location: Morningside Campus

Ad Link: https://academic.careers.columbia.edu/#/86314

Application Link: https://dossier.interfolio.com/apply/98232

Summary Description: Prof. Lauren Marbella (chemical engineering) and Ann McDermott (chemistry) are seeking candidates for a jointly-advised postdoctoral research scientist position at Columbia University broadly interested in the application of solid-state nuclear magnetic resonance (SSNMR), dynamic nuclear polarization (DNP), and/or electron paramagnetic resonance (EPR) spectroscopy. The postdoctoral research scientist will have access to a newly acquired multinuclear (including low gamma) DNP NMR, in addition to an EPR and a suite of solid-state NMR spectrometers at Columbia University and the New York Structural Biology Center, in addition to the suite of characterization facilities at Columbia and nearby Brookhaven National Laboratory. The postdoctoral research scientist will be involved in a highly interdisciplinary environment and will be expected to interface with both groups as well as be involved in the collaborative environment present in the New York City NMR and materials science communities.

Minimum Degree Required: PhD in chemistry, materials science, chemical engineering or related disciplines

Additional Information: The position is a three-year appointment with a competitive starting salary at ~$70,000 per year with additional funding for travel, outreach, and professional development. Housing in New York City is guaranteed for the postdoctoral scholar. Applicants must have received their terminal degree from an institution other than Columbia University.

Search Closing Date: February 28, 2022

Start Date: July 2022–spring 2023 (flexible)

Review Begins: February 28, 2022

Documents Needed to Apply:
1. Cover letter
2. Curriculum vitae (including references)
3. Research statement highlighting the candidate’s most important contributions to the field (1 page maximum)