Tenure-track Assistant or Associate Professor in Solid-State NMR Spectroscopy

The Department of Chemistry at the University of Virginia (UVA) is pleased to invite applications for a tenure-track Assistant Professor or tenured Associate Professor position in the field of solid-state NMR spectroscopy with a focus on applications toward the study of catalytic materials for energy and chemicals processes. This position is part of UVA’s investment of $60 million toward climate solutions through the University's Grand Challenge Research Initiatives, which include significant investments in research infrastructure and up to six faculty positions in the area of catalysis for energy and chemical processes.

This new colleague will join a vibrant, interdisciplinary research and teaching community in the Department of Chemistry with a start date on or after August 2024. In this role, they will establish a dynamic, independently-funded research program using solid-state NMR spectroscopy with dynamic nuclear polarization (DNP) capabilities in the field of advanced materials for catalytic applications while mentoring students and contributing to graduate and undergraduate educational missions and departmental culture. Further, it is expected that candidates will work with colleagues at the University of Virginia to collaboratively build innovative and impactful research and education programs. The solid-state NMR with DNP capabilities will provide a platform to build new collaborations across UVA to advance the study of novel materials, especially with applications in the field of catalysis.

We offer a collegial and supportive environment with a strong record of supporting, mentoring, and championing new faculty. This new faculty member in Chemistry will be part of a growing cohort in the field of catalysis including several recent strategic faculty hires in the Departments of Chemistry and Chemical Engineering. There are many opportunities for collaboration within and between the School of Arts & Sciences, the School of Medicine, the School of Engineering and Applied Sciences, and the School of Data Science. Furthermore, a range of networking and development opportunities is available to ensure that scholars from underrepresented groups in science and engineering thrive at UVA.

Applicants must have a Ph.D. in chemistry or a related field at the time of appointment, a strong record of innovative research, and a commitment to high-quality teaching and mentoring of students from a diversity of backgrounds at the undergraduate and graduate levels.

UVA, a top-five public university in the U.S., is an R1 Carnegie institution and a UNESCO World Heritage Site. It is located in historic Charlottesville, a scenic, culturally vibrant small city that frequently ranks among America’s best places to live. The local community offers diverse neighborhoods, excellent schools and many venues for dining, arts, shopping and entertainment as well as opportunities for sports and outdoor recreation. The Chemistry Department is home to a community of approximately 28 tenured/tenure-track faculty, 6 general faculty, a supportive staff, and ~160 graduate students and postdoctoral scholars. Our department is within walking distance of a world-class medical school, as well as UVA’s renowned business, commerce, law, public policy and data...
science schools, affording excellent opportunities for collaboration on scientific research, entrepreneurial ventures, and science-driven issue advocacy. UVA has and continues to invest heavily in its STEM departments, including a recent $100 million renovation of the Chemistry building.

The University of Virginia College of Arts & Sciences and the Department of Chemistry believe that diversity is excellence expressing itself through every person's perspectives and lived experiences. UVA is an affirmative action and equal opportunity employer. We strongly encourage applications from members of underrepresented groups, women, veterans, and individuals with disabilities, and from all who would bring additional dimensions of diversity to the university's research and teaching mission. You can read about some of our recent efforts in Chemistry at the student level here: https://chemistry.as.virginia.edu/diversity-equity-and-inclusion-initiatives-resources.

UVA is committed to supporting the personal and family needs of its faculty. We provide assistance to spouses and partners seeking employment in the Charlottesville area. To learn more please visit https://dualcareer.virginia.edu/. We also provide excellent benefits including a high-quality insurance plan and full insurance coverage of spouses and dependents without other sources of insurance.

**Application instructions**

Apply online at [http://apply.interfolio.com/133434](http://apply.interfolio.com/133434) and attach the following required documents to your application. Please upload to the resume box a SINGLE PDF, containing the following components in order:

1. Cover letter that succinctly indicates why you are interested in joining our department at UVA, highlights your most significant accomplishments, experiences, and qualifications related to research, teaching, and mentoring, and describes how your skills and experiences could advance the University’s ambition to cultivate the most vibrant community in higher education in order to prepare students to be citizen-leaders in a diverse and globally connected world (1-3 pages).

2. An academic CV that includes a full publication list. Please include contact information for three references.

3. A research statement that includes your vision for your research program at the university (2-3 pages). Potential applications of your proposed research program to catalysis for energy processes and chemicals production should be highlighted. If there are particular labs at UVA with whom you might see yourself collaborating in your research, those could be mentioned as well.

4. A statement on teaching and scientific mentoring that details your goals as an instructor and related past experience that you will build from (1-2 pages). Some useful tips for writing an informative teaching statement can be found [here](http://example.com), and additional resources, a sample rubric, and examples are available [here](http://example.com).
Applications that do not have all the required components will not receive full consideration.

Review of applications will begin on November 15, 2023, and will remain open until January 31, 2024 or until the position is filled, whichever occurs first. The university will perform background checks on all new hires prior to employment. This position will also require an Education Verification (FSAKA).

For questions about the positions, please contact Prof. Brent Gunnoe, Search Chair, at tbg7h@virginia.edu.

For questions about the application process, please contact Richard K. Haverstrom, Faculty Search Advisor, at rkh6j@virginia.edu.