Assistant Professor in Bioanalytical Chemistry

University of Virginia: UVA Provost's Office: College and Graduate School of Arts & Sciences: Chemistry

Location: Charlottesville, VA
Open Date: Sep 08, 2023

Description:
The Department of Chemistry at the University of Virginia is delighted to invite applications for a tenure-track Assistant Professor position in the field of bioanalytical chemistry, with a focus on potential or ongoing applications of the analytical methods to neuroscience or the brain. This new colleague will join a vibrant, interdisciplinary research and teaching community in the Department of Chemistry and the UVA Brain Institute, with a start date on or after August, 2024. In this role, they will establish a dynamic, independently-funded research program in the bioanalytical sciences while mentoring students and contributing to graduate and undergraduate educational missions and departmental culture. Areas that would complement current expertise in the Chemistry department may include, but are not limited to, spatially resolved or imaging-based analytical methods or sensors, biomolecular analysis, -omics analyses, mass spectrometry, microscale analysis, or integration with data science. Neuroscience applications may include fundamental neuroscience or neuroscience related fields, including neuro-oncology, neuro-immunology, development, or others.

We offer a collegial and supportive environment with a strong record of supporting, mentoring, and championing new and junior faculty. This new faculty member in Chemistry will be part of a cohort of more than 20 strategic faculty hires made over several years and across the university in the area of the Brain and Neuroscience. The new cohort is a keystone of a $75 million investment into research in neuroscience through the University's Grand Challenge Research Initiatives, which includes investments in research infrastructure, and data analytics. There are many opportunities for collaboration and funding within and between the School of Arts & Sciences, School of Medicine, School of Engineering and Applied Sciences, and School of Data Science. In addition to the Neuroscience community, candidates may also be interested in synergies with UVA centers of excellence such as the NCI-designated Comprehensive Cancer Center, Carter Immunology Center, Brain Immune Glia Center, NanoSTAR Institute for Nanomedicine, Global Infectious Disease Institute, Center for Membrane Biology, Keck Imaging Center, and/or Berne Cardiovascular Research Center among others. Furthermore, a range of networking and development opportunities is available to ensure that scholars from underrepresented groups in science and engineering thrive at UVA.

Qualifications

Applicants must have a Ph.D. in chemistry, biochemistry, 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.

**Application Instructions**

More about us: 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 endless 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 few dozen amazing 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, 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](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/](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. Many local childcare centers are available in the area.

**Application instructions**

To apply to this position please follow [http://apply.interfolio.com/130430](http://apply.interfolio.com/130430). 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. 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 neuroscience or the brain should be highlighted. If there are particular labs at UVA with whom you might see yourself collaborating in your research, those could be mentioned here 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, and additional resources, a sample rubric, and examples are available here.

**Applications that do not have all the required components will not receive full consideration.***

Applicants selected for an interview will be required to submit a 1 page document in advance of the interview describing how they see themselves interacting with the UVA Brain Institute.

Review of applications will begin on October 8, 2023 and will remain open until December 15, 2023 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. Rebecca Pompano, Search Chair, at rpompano@virginia.edu.

Application Process

This institution is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

Apply Now

**Equal Employment Opportunity Statement**

The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physicians Group and the Claude Moore Health Sciences Library, are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex, pregnancy, sexual orientation, veteran or military status, and family medical or genetic information.

The University of Virginia offers confidential Dual Career Services to partners of incoming faculty candidates. To learn more, please visit www.dualcareer.virginia.edu