

Postdoctoral Chemistry Teaching Fellow

Radford University invites applications for a Postdoctoral Teaching Fellow in the Department of Chemistry with an ideal start date of July 1, 2019. This position is part of Radford University's REALising Inclusive Science Excellence (REALISE), a Howard Hughes Medical Institute (HHMI) funded five year initiative. The teaching postdoctoral fellow will be immersed in teaching, service, and research at a predominantly undergraduate institution. This is an excellent opportunity to develop the teaching and leadership skills needed to build a competitive application for a full-time, permanent position.

Project: The overall goal of REALISE is to create an environment in Radford's Biology, Chemistry and Physics departments that is student-ready, welcoming and inclusive by embedding project-based learning into the curricula. In its second year, REALISE is encouraging individuals to collaborate, experiment, innovate and improve the student experience in for Radford's STEM majors. Through the REALISE faculty learning community, faculty participate in a variety of professional development opportunities to learn best-practices for creating an inclusive classroom environment and embedding project-based learning into the classroom. REALISE also mentors a team of twelve student peer role models who work to create an inclusive and welcoming student environment by organizing social events and creating student success materials. Through the first two years of support from REALISE, eight chemistry faculty have joined the REALISE faculty learning community. As a result, the Department of Chemistry has already revamped the general chemistry laboratory experiments and improved the student experience in organic chemistry by clearly articulating learning objectives with our students.

Position: The postdoctoral fellow will have (1) full-time teaching responsibilities in General Chemistry (12 classroom contact hours per week), (2) contribute to continuing course redesign efforts, (3) participate in the REALISE faculty learning communities and serve on the REALISE leadership team. Examples of REALISE leadership team responsibilities include contributing to our efforts to clearly communicate the goals and outcomes of the REALISE project, mentoring the peer role models, developing interdisciplinary project-based learning modules, and assessing the REALISE project. The fellow will be supervised most directly by a chemistry faculty member but will include close interactions with the Dean of the Artis College of Science and Technology, and other faculty and students from the Departments of Biology, Chemistry and Physics.

Qualifications/Requirements: Applicants must have a Ph.D. in chemical education, chemistry, or a closely related field. Preference will be given to applicants with a strong interest in undergraduate STEM education as demonstrated by professional teaching development programs, outreach experiences, and/or an author of publications focused on undergraduate education. The successful candidate will be willing to offer ideas for developing hands-on classroom activities and explain how these activities foster a more inclusive classroom environment.

Benefits and Opportunities: This is an excellent opportunity for a recent Ph.D. with career interests in science education and/or teaching at a primarily undergraduate institution. The postdoctoral fellow will receive training and mentorship to develop the skills necessary to become an effective educator and a leader of STEM education reform. The successful candidate will collaborate with other faculty to create an inclusive learning environment by embedding hands-on projects into the curriculum that excite students and faculty, and foster innovation and creativity. This is also an excellent opportunity for the postdoctoral fellow to strengthen their investigative and scientific skills by cultivating their own innovative mindset.

Salary will be commensurate with experience and includes Radford University's competitive benefit package. This is a grant-funded position; continuation will be contingent on continuance of funding and performance.

Located in beautiful southwestern Virginia, Radford University is a comprehensive, midsize student-focused public university that offers its more than 9,500 students a diversity of outstanding academic programs. Renowned for teaching excellence and a focus on strong faculty/student bonds, the innovative use of technology in the learning environment, and a vibrant student life on a beautiful campus, Radford University offers many opportunities to engage both faculty and students in teaching, research and public service as scholars and citizens. We seek new colleagues with a passion for student success and willingness to contribute to our collegial intellectual community. More information can be found at <http://www.radford.edu>.

Apply online at <http://jobs.radford.edu/postings/7244>. Only online applications will be accepted. Review of applications will begin on April 1, 2019. In your cover letter, please describe your long-term career interests and how you believe this position will help you achieve your goals. In addition, please describe how you can contribute to at least two of the REALISE leadership team responsibilities. Additional materials may be requested at a later time.

Radford University is committed to taking a leadership role in creating and supporting a highly productive, diverse and qualified workforce. The ideal candidate will have

- Demonstrated ability to work effectively with individuals from diverse communities and cultures.
- Demonstrated ability to work effectively in informal and formal teams with individuals from diverse communities and cultures.
- A distinctive record of accomplishment incorporating diverse perspectives in teaching, scholarship and/or outreach.
- The ability to contribute to campus diversity efforts and/or demonstrate cultural competence.
- Experience with a wide variety of teaching methods focused on diverse learners and differentiation.

We actively value diversity in our workplace and seek to take advantage of the rich backgrounds and abilities of everyone.

Radford University is an EO/AA employer committed to diversity. All new hires to Radford University are subject to E-Verify. E-Verify is administered by the U.S. Department of Homeland Security, USCIS-Verification Division and the Social Security Administration and allows participating employers to electronically verify employment eligibility.

This contractor and subcontractor shall abide by the requirements of 41 CFR 60-300.5(a). This regulation prohibits discrimination against qualified protected veterans and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans.