Position Title:
Assistant Professor of Chemistry, Tenure Track (Biochemistry)

Job Description:
The department of chemistry at York College of Pennsylvania invites applications for a full-time tenure-track appointment in biochemistry at the rank of assistant professor, beginning August, 2024. Applicants with biochemistry teaching experience and a desire to utilize their biochemical knowledge and skills in mentoring undergraduates, conducting research, and teaching introductory chemistry should apply. Primary duties will involve teaching undergraduates in general chemistry, analytical chemistry, and upper-level electives in biochemistry, along with developing new laboratory and research experiences for students in the area of macromolecular chemistry. The new hire will join our team of eight full-time faculty with diverse research interests involving collaboration with students and local industry partners. The chemistry department at York College offers four majors (biochemistry, cannabinoid chemistry, chemistry, and forensic chemistry) and is in the preliminary stages of seeking approval by the ACS to award certified degrees in chemistry. The department has a culture of supporting student-initiated research and is home to over $2M in analytical instrumentation for student and faculty use, a sample of which includes 500 MHz NMR, ICP-MS, GC-MS, MALDI-TOF MS, XRF, FT-IR (and microscope), Raman, and RT-PCR.

Requirements:
An earned Ph.D. in chemistry or biochemistry is required. Successful candidates will demonstrate experience in teaching undergraduates, a broad knowledge of chemistry, and a record of publication in the discipline. Preference will be given to those familiar and comfortable working with and maintaining analytical instrumentation as it applies to teaching or research. The ideal candidate will possess an ability to communicate effectively, organize collaborative laboratory work (including inter-departmental collaborations when applicable), offer a vibrant and inclusive teaching philosophy, and exhibit excellent interpersonal skills.

Application Instructions:
What items should candidates electronically submit?

- cover letter
- curriculum vita
- contact information for three professional references
- statement of teaching philosophy
- statement of research interests and how it will include undergraduate students
- graduate transcripts

Criteria Questions:

Do you possess an earned doctorate in chemistry or a related field?
Do you have experience teaching in higher education?
Have you had scholarly work published in a peer-reviewed journal?
Do you have experience using, maintaining, and trouble-shooting multiple types of analytical instrumentation?
Do you have strong experience working in a team environment?