

R·I·T

FACULTY POSITION

Rochester Institute of Technology, Kate Gleason College of Engineering,
Department of Chemical and Biomedical Engineering,
160 Lomb Memorial Drive, Rochester, NY 14623-5604

BRIEF POSTING DESCRIPTION:

Job Title/ Rank: Instructional Faculty, Assistant Professor or higher—Tenure Track

IRC# 35290

Department: Chemical & Biomedical Engineering

Starting Date: July 1, 2010

DETAILED DESCRIPTION:

Rochester Institute of Technology (RIT) is in the midst of unprecedented expansion, and has recently approved a new chemical engineering program in the Kate Gleason College of Engineering. RIT is seeking candidates for a tenure track position in Chemical Engineering with an appointment possible at all ranks. RIT has a strong commitment to engineering education and offers a variety of graduate degrees. The new department will initially focus on a five-year BS degree program that includes 15 months of cooperative education, and will prepare students for both industrial careers and graduate-level education. The chemical engineering program will fully participate in an extremely successful multi-disciplinary senior design curriculum required in all engineering disciplines at RIT. Significant opportunities are available to interface with a unique microelectronic engineering program (the only such undergraduate program in the country) outfitted with state-of-the-art laboratories, as well as other outstanding existing engineering and science programs.

The creation of a new department is an extraordinary opportunity for faculty to influence and shape the nascent program and its character. As such, the successful candidate will have an entrepreneurial flair and excitement about this unique opportunity. The new program affords a forward looking view of chemical engineering that will teach engineering principles and underlying science associated with traditional chemical engineering applications, as well as the means to apply this knowledge to modern processes exploiting phenomena on the nano-scale. Although exceptional candidates in all areas of chemical engineering will be considered, those having expertise in the areas of environmentally benign processes, alternative energy, bio-related processes, and materials engineering are especially welcome. Those candidates that additionally have a focus on nano-scale processes are encouraged to apply. The successful candidate must be able to teach core undergraduate courses and develop electives in accordance with their area of expertise, and must be capable of teaching graduate level courses that will be necessary as the program matures. The candidate will also develop externally funded research, supervise undergraduate student design teams, and perform other professional duties. We seek applicants with a strong commitment to engineering education, student mentoring, and personal professional development, as well as those who are committed to contributing to RIT's [core values](#), [honor code](#), and [statement of diversity](#).

QUALIFICATIONS:

REQUIRED: Ph.D. in chemical engineering or a related field. Applicants with a terminal degree in a related field must have at least one degree in chemical engineering. Applicants must possess strong written and oral communication skills.

PREFERRED: Prior teaching experience; evidence of research ability as quantified by refereed publications; prior technical work experience in industry or government; prior track record of obtaining external funding; research expertise (PhD thesis or application area) in environmentally benign processes, alternative energy, bio-related processes, or materials engineering; research expertise that exploits phenomena at nano-scale; sufficient knowledge and experience to teach effectively a significant subset of the core courses in chemical engineering.

THE COLLEGE/ DEPARTMENT:

The Kate Gleason College of Engineering at RIT is the nation's premier career-oriented college of engineering. In addition to the new chemical engineering program, it offers bachelor degree programs in computer, electrical, industrial, mechanical and microelectronic engineering, and comprehensive, innovative graduate programs in a range of engineering disciplines, including a broad-based cross-disciplinary doctoral degree in microsystems engineering.

RIT is one of the largest private universities in the U.S., attracting students from all 50 states and more than 90 countries. RIT has been recognized on *The Chronicle of Higher Education's* inaugural "Great Colleges to Work For" list and was cited in six different categories: Professional/Career Development Program, Compensation and Benefits, Tuition Reimbursement, 403b or 401K (retirement plan), Disability Insurance and Life Insurance. The Rochester area is rich in cultural and ethnic diversity, with a population comprised of 20% African and Latino Americans and another 7% of international origin.

HOW TO APPLY:

Please submit via the document upload section at <https://mycareer.rit.edu>. Search for "IRC35290" (make sure you enter "IRC35290" including the letters "IRC" at the 'Keyword or IRC # Search' entry box on the website). You can only be considered for a position when you upload your documents to the website: these documents include a statement about how you might contribute to the new department both academically and culturally; vita; a clear statement of specific teaching interest and philosophy; an overview of research interest and plan for future development; a statement of career objectives; and the names, addresses, and phone numbers of four references. Applications will be considered until position is filled. Review of applications will begin immediately.

You may contact the search committee with questions on the position at:

Julie Olney
Department Manager
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julie.olney@rit.edu

The Rochester Institute of Technology is an equal opportunity/affirmative action employer. All individuals with the ability to contribute in meaningful ways to the university's continuing commitment to cultural diversity, pluralism, and individual differences are encouraged to make application.