Lecturer Positions

Freshman- and sophomore-level engineering courses

The School of Engineering and Applied Sciences at the University at Buffalo, the State University of New York (SUNY) is seeking candidates for full time, non-tenure track Lecturer positions, beginning with the 2017-18 academic year. The lecturers will support general freshman- and sophomore-level engineering courses, including the First-Year Seminar (EAS 199, similar to an Introduction to Engineering course), Engineering Impact on Society (EAS 202), Statics (EAS 207), Dynamics (EAS 208), Mechanics of Solids (EAS 209), and Circuits.

The successful candidate is expected to teach six course sections per academic year. The instructor will work closely with school and department leadership in course development as well as accreditation related assessment, and to coordinate activities with other aspects of the undergraduate engineering experience. The instructor may also be involved in other professional and scholarly activities, including developing proposals for educational funds to aid in pedagogical advancements.

The successful candidate will join a growing team of lecturers within the SEAS Office of Undergraduate Education who focus on excellence in teaching, pedagogical developments, and educational scholarship. We are particularly interested in candidates with a background in engineering education who can operate effectively in a team environment and in a diverse community of students and faculty.

Ideally, candidates should have a Ph.D. in an engineering, engineering education, or related discipline. Exceptional applicants with a M.S. degree will also be considered. The Masters degree must be conferred before appointment. Preferred qualifications include experience teaching freshman- and sophomore-level engineering courses; experience teaching large courses; evidence of excellence in teaching; experience pursuing novel teaching pedagogies; experience developing programs aimed at the retention of female and/or underrepresented engineering students.

The University at Buffalo School of Engineering and Applied Sciences (UB SEAS) is New York’s largest and most comprehensive public school of engineering, with about 4,000 undergraduates, 1,800 graduate students, and 170 full-time faculty. UB SEAS features eight academic departments that offer a broad array of undergraduate and graduate educational opportunities, including nine engineering programs (aerospace, biomedical, chemical, civil, computer, electrical, environmental, industrial, and mechanical

engineering) and applied science programs in computer science, engineering physics, and bioinformatics and computational biology. All the B.S. engineering programs are accredited through ABET.

Buffalo is located in New York State’s second-largest metropolitan area, known for its friendly residents, diverse blend of communities, world-class cultural institutions, and international flavor. UB SEAS is located on the UB North Campus in suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living. Downtown Buffalo, with eclectic neighborhoods, the Lake Erie waterfront, and vast cultural resources, is 15 minutes away by car. The majestic Niagara Falls is also just 20 minutes away.

The application package should consist of a cover letter, CV, contact information for references, a teaching statement no longer than two pages, and teaching evaluations for previous courses taught, if available. The cover letter should explicitly include information regarding experience teaching freshman- and sophomore- level engineering courses. The candidate should also indicate which of the courses listed above they are interested in teaching and are qualified to do so. Applicants are specifically asked to emphasize their educational, not their research, accomplishments. Applications should be submitted via UB Jobs posting at:

[www.ubjobs.buffalo.edu/applicants/Central?quickFind=59502](http://www.ubjobs.buffalo.edu/applicants/Central?quickFind=59502)

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