

Postdoctoral Research Positions in Structural Health Monitoring

Several postdoctoral research positions are available immediately in Lehigh University's Civil and Environmental Engineering Department for outstanding candidates interested in research in the general area of structural health monitoring. The successful applicants must have prior expertise in structural dynamics and identification, as well as machine learning and neural networks and their applications in engineering. The research profile of our group includes highly rigorous theoretical work, as well as medium and large scale laboratory experiments and field testing. The successful candidates will be expected to participate in the current projects, collaborate in developing ideas and proposals for new research, and lead and advise other graduate and undergraduate students. The positions will be initially filled for one year, with the possibility of extension beyond that duration.

Interested applicants may contact Prof. Shamim Pakzad (pakzad@lehigh.edu) with the following information: (1) a single page research statement explaining how your background fits the research themes described above, (2) your resume, (3) copies of all publications. All documents should be sent in a single PDF.

Lehigh is a premier residential research university, ranked in the top tier of national research universities each year. The CEE department is highly regarded in the US, and has a long history of excellence in research in structural engineering. We are a coeducational, nondenominational, private university that offers a distinct academic environment of undergraduate and graduate students from across the globe. Located in Pennsylvania's scenic Lehigh Valley, the campus is in close proximity to both New York City and Philadelphia. Lehigh is comprised of 2,358 acres, making it one of the largest private universities in the country.