Applications are invited for a full-time, two-year renewable research position within the Department of Mechanical and Aerospace Engineering at Syracuse University. Candidates are sought with expertise in the experimental mechanics of continuous fiber polymeric matrix composite materials.

The successful candidate will be expected to perform experimental studies on the mechanics of laminated composites with emphasis on damage and delamination growth under static and fatigue loadings, to publish reports and papers on these results, and to participate in proposal writing activities for new initiatives. Position responsibilities also include advising graduate and undergraduate students who are performing experimental studies, as well as oversight of daily operations of the Syracuse University Composite Materials Laboratory.

Requirements include an earned doctorate degree in Mechanical or Aerospace Engineering or a closely related field, coursework and/or experience in the mechanics of laminated fibrous composites, experience and expertise in a wide variety of experimental methods, excellent written and verbal communication skills, and a demonstrated ability to work independently. Applications will be reviewed as they are received until the position is filled.

Interested applicants should send a resume, cover letter, and the names, e-mail addresses and phone numbers of at least four professional references. The cover letter must provide a detailed description of the applicant’s experience and expertise in the analysis and experimental mechanics of polymeric matrix composites. Applications may be submitted via regular mail or e-mail; in the latter case, only pdf attachments will be opened. Applications should be sent to:

Professor Barry D. Davidson (bddavids@syr.edu)
Department of Mechanical and Aerospace Engineering
151 Link Hall
Syracuse University
Syracuse, New York 13244-1240

Syracuse University is an equal opportunity/affirmative action employer. Additional information is presented on the internet describing the University (http://www.syr.edu/), the College of Engineering and Computer Science (http://www.eecs.syr.edu/), the Department of Mechanical and Aerospace Engineering (http://www.eecs.syr.edu/mae_index.asp) and the Syracuse University Composite Materials Laboratory (http://www.mame.syr.edu/composite).