



Assistantships in Fatigue Crack Growth Research

MS-level Research Assistantship

The goal of this MS thesis work is to study experimentally the load sequence effects on fatigue crack growth behavior in air and vacuum. We are looking for a qualified and well-motivated person, preferably with BS in Mechanical or Aeronautical Engineering. The student must be admissible to the Master degree program in the Department of Mechanical and Aeronautical Engineering.

The research has funding (tuition + stipend) renewable up to two years of MS work.

Please send a complete resume, BS transcripts, and GRE score report, by email to Dr. Daniel Kujawski, daniel.kujawski@wmich.edu (269) 276-3428.

Doctoral-level Research Assistantship

Research involves basic and applied aspects of loading sequence on fatigue damage development and fatigue crack growth behavior in air and vacuum. A unique feature of this project is the concurrent experimental investigation with analytical and numerical modeling. We are looking for a qualified and well-motivated person, preferably with MS background in Mechanical or Aeronautical Engineering. The student must have demonstrated expertise in the area of mechanics of materials, numerical methods, and be admissible to the Ph.D. degree program in the Department of Mechanical and Aeronautical Engineering.

The assistantship (stipend \$22,000 + tuition) is renewable up to three years.

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