



Postdoc on Mechanics of Fibrous Materials at the University of Pittsburgh

Laboratory of Ocular Biomechanics

We are looking for a highly motivated postdoc to join our team to study the **mechanics of fibrous materials**. Candidates must have expertise in the mechanics of materials with long fibers, such as fabrics and textiles, or of soft tissues, such as tendon or heart valves. Experience in multi-scale methods is advantageous. The project has experimental and computational elements, and therefore candidates with experience and/or interests in either will have equal opportunity to be selected. Experience with biological samples or soft tissues is preferred but not required. Similarly, experience in ophthalmology or vision sciences is not required. A solid publication record and evidence of strong writing and presentation skills will be an advantage.

The postdoc will have the opportunity to develop his/her own scientific ideas in the rich environment of the University of Pittsburgh, the University of Pittsburgh Medical Center, the McGowan institute for Regenerative Medicine and the Fox center for vision restoration.

To apply, send to Ian A. Sigal (ian@OcularBiomechanics.com):

- CV.
- Two representative publications.

Applications will be evaluated as they are received. Applications missing either document will not be evaluated. More info on the Laboratory of Ocular Biomechanics at www.OcularBiomechanics.com.