Opening NOW:

Two or three research positions for PhD graduate research assistant and visiting scholars:

Graduate student positions

A PhD position is available for a self-motivated student with interests in computational/experimental biomechanics for soft tissue. Candidates should have a BS and/or MS degree in engineering with interest in cardiovascular physiology and pathophysiology.

Potential areas of study include, but not restricted to: Fluid-structure interaction, cellular mechanics, constitutive equation, crack growth, or multiscale modeling. An earned MS degree in experimental/computational mechanics is welcome, but not strictly required.

To be considered for this position, please send your CV and transcripts along with supporting documents to Dr. Linxia Gu (lgu@unl.edu).

Visiting scholar positions

Please send your CV to Dr. Linxia Gu (lgu@unl.edu).

Undergraduate student positions

Undergraduate research positions are available in the all areas of research: vascular mechanics, 3D reconstruction of medical images, in-vivo loading assessment, mechanical properties of soft tissue, vascular remodeling, comparative study of treatments in stenosed vessel, and cellular behavior in abnormal lesion.

Students should be self-motivated and eager to broaden their horizons by applying their course studies to bioengineering research. Please send your resume and transcripts to Dr. Linxia Gu (lgu@unl.edu).