

POSTDOCTORAL FELLOWSHIP

Soft Tissue Biomechanics Laboratory (<http://stbl.arizona.edu>)
University of Arizona, Tucson, AZ

Position Description:

The Soft Tissue Biomechanics Laboratory at the University of Arizona invites applications for a postdoctoral fellowship in the area of vascular tissue engineering. The initial appointment will be full-time for a 12-month period, with future renewal contingent on fellow performance. Salary will be based on the level of experience of the applicant. The University of Arizona (UA) is an internationally recognized research institution located in the beautiful desert southwest. UA offers competitive salaries and excellent benefits packages. Screening of applicants will begin immediately and will continue until the position is filled.

Qualifications:

Qualified individuals should have a PhD in Biomedical Engineering, Molecular and Cellular Biology, Biochemistry or a related field. Candidates should have an *extensive* background and experience in cell and tissue culture methods as well as basic molecular biology techniques (e.g., immunohistochemistry, gel electrophoresis, PCR). Knowledge and previous experience in the utilization of nonlinear optical microscopy (two photon imaging) is also a plus. The fellow will be involved in an NIH funded project focused on the development of a novel tissue engineered vascular graft. All candidates should have a strong experimental background, excellent verbal and written communication skills, a strong academic and publication record, and the ability and motivation to work independently. Fellows will be expected to participate in the preparation of manuscripts, presentations, and grant proposals.

Candidates should submit the following as a single PDF file to Prof. Vande Geest via email:

- Cover letter including a description of
 - o Research interests
 - o Why you feel qualified for this position
 - o How this position will contribute to long term career plans
- CV including contact information for three references
- Selected relevant publications demonstrating research expertise

Contact:

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To apply formally search Job Number 51906 at: <http://www.hr.arizona.edu/jobs>

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