



The
UNIVERSITY
of **VERMONT**

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Post-doctoral Fellowship

Spine Bioengineering Lab, School of Engineering, College of Engineering & Mathematical Sciences, University of Vermont, Burlington, Vermont

Applications are invited for a postdoctoral fellowship in the area of intervertebral disc bioengineering. The general aims of the research are to participate in an NIH funded project to investigate the mechanical injury and repair in the intervertebral disc towards understanding the etiology of degenerative disc disease and for regenerative medicine and repair. Experimental techniques involve studies with animal models, cell and organ culture, and tissue engineering. Multiscale modeling studies are also underway as an additional focus.

Applicants must possess a Ph.D. in bioengineering or a related field and have a strong interest in tissue engineering and soft-tissue mechanics. Experience with cell/tissue culture, animal models, materials testing, molecular biology and/or computational modeling is desired.

To apply, please send a cover letter with a statement of interests, a curriculum vitae or resume, sample publications or preprints, and the names and contact information of three references to:

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Relevant links:

<http://www.uvm.edu/~spinelab>