

Limor Bursztyn



Limor Bursztyn, from Tel-Aviv, Israel, earned her bachelor's and master's of Science degrees in Biomedical Engineering, both *summa cum laude*, at Tel-Aviv University. With the aid of the Fulbright Science and Technology fellowship she will now be able to combine her interests in Engineering and Neuroscience, while studying toward a doctorate in Electrical Engineering at Stanford University. While pursuing her doctorate, Limor hopes to conduct research in the field of Neural Engineering, and to decipher how information is represented and processed by neural circuits in the brain. Previously, Limor's master's studies focused on developing a mathematical model to describe the contraction process of smooth muscle cells

from the uterine wall. The contractions of these cells are critical for the reproductive function of the uterus, and the purpose of modeling was to advance current understanding of this process. The work was presented at the World congress of Biomechanics and published in the *American Journal of Physiology: Cell Physiology*. Limor has also earned the Rector's award for outstanding students (awarded to the top 3 students in the Engineering School) twice during her bachelor's studies, as well as a Wolf foundation scholarship for both her bachelor's and master's studies.