

Lisa E. Freed, MD, PhD

I am a staff member at Draper Laboratory, which is a non-profit engineering firm in Cambridge, MA, and a MIT-affiliated research scientist. I hold advanced degrees from MIT in applied biological sciences (SM'82; PhD'88) and from Harvard (MD'88). I was a Fulbright scholar in the former Yugoslavia ('88-'89) and a lecturer in human anatomy at Harvard ('90-'92). In graduate school, I developed and tested a medical device for blood detoxification. My current research focuses on tissue engineering, wherein stem cells are combined with biomaterial templates (*i.e.*, scaffolds) in tissue culture devices (*i.e.*, bioreactors) to try to regenerate functional muscles and skeletal tissues. Also, I have been actively involved in environmental health and safety and animal care committees at MIT. I feel very fortunate to be able to work on interesting and important challenges in biomedical engineering, together with an amazingly diverse group of students and researchers. I married Ted Sussman in '93 and we have two daughters, Sara born in '95 and Rachel born in '99. We live in Lexington, MA. I love to be outdoors, to play sports and music, and to spend time with my family.