

## *Biography*



Diana Dabby has taught at MIT, Tufts and Juilliard, and holds degrees in music and electrical engineering from Vassar, Mills, C.C.N.Y., and MIT. In her doctoral research at MIT, she combined music and engineering by devising a chaotic mapping for musical variation, as heard on NPR member station WBUR-FM (2004), NPR's *Weekend Edition* (2007), and in *Science* (April 4, 2008). Awarded a U.S. Patent in 1997, this work has since been the topic of a number of invited concert/lectures sponsored by the National Association of Schools of Music, MIT, Princeton, Cornell, Dartmouth, IEEE, FIRST Place of New Hampshire, New Horizons in Science, the 2007 International Conference on Complex Systems, and Harvard. As a concert pianist, Dabby has performed in Weill (Carnegie) Recital Hall, Merkin Concert Hall, Jordan Hall, Symphony Hall Boston, Tanglewood, and abroad.

Her recent works include *A Fire's Tale* (2008), *Aerial Silk* (2006), and *September Quartet* (2005), a 5-movement work scored for voices, winds, brass, percussion, violin and piano, commissioned to commemorate the 150th anniversary of Tufts University. She is a founding faculty member and Associate Professor of Electrical Engineering and Music at the Franklin W. Olin College of Engineering, where she teaches orchestration, composition, and electrical engineering, as well as interdisciplinary courses combining art and science. She is also the founder and developer of the Music Program at Olin (2002-present).