



# Engineering and Physical Biology (EPB)

Training a New Generation of Scientists to View Living Systems Through the Lens of Physics and Engineering

EPB is a small, highly selective program designed to create a generation of young scientists who work comfortably in both the life sciences and the physical sciences. Applicants may have their primary undergraduate training in either area. Program components combine flexibility with rigor, place a priority on independence and imagination, and emphasize extensive individual faculty-student interactions.

Activities take place in the intellectual community of the daVinci Group (see reverse) and under the umbrellas of the Department of Molecular and Cellular Biology, the Department of Physics and the Division of Engineering and Applied Sciences.

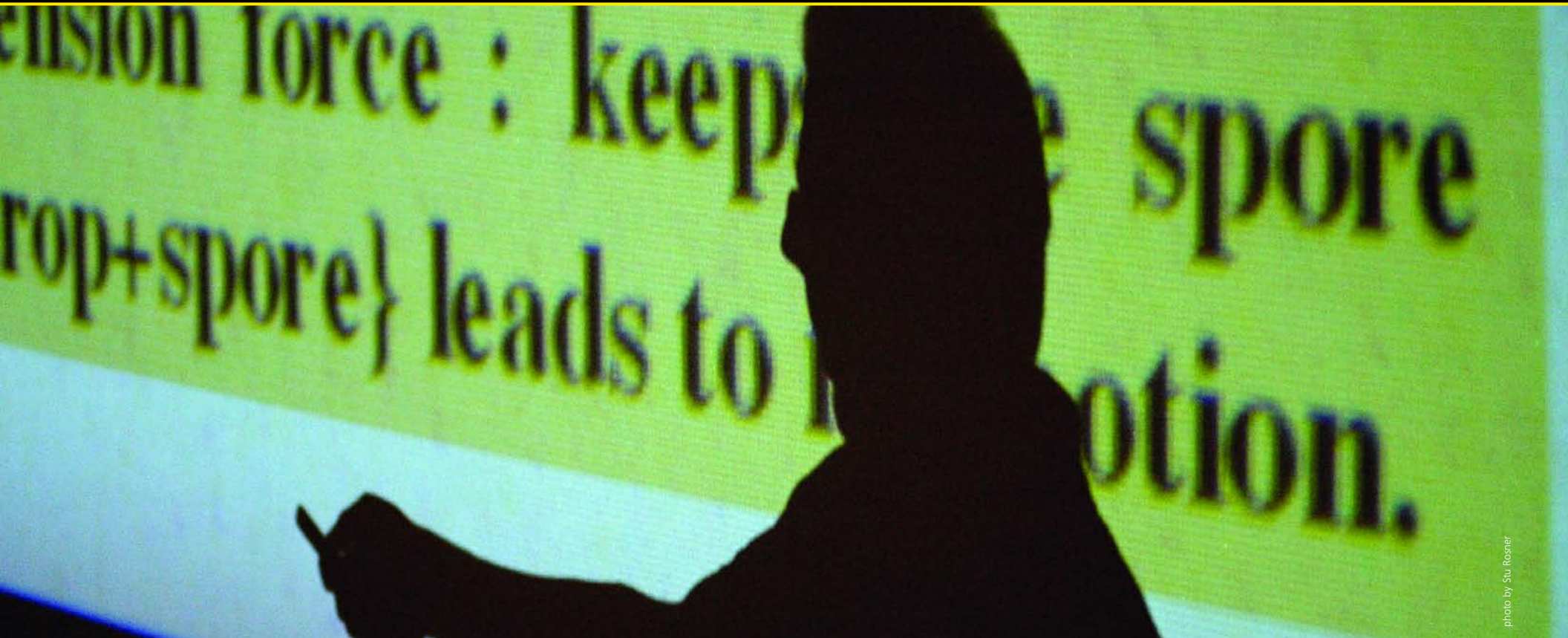


photo by Stu Rosner

# daVinci Group

An interdepartmental community devoted to the analysis of living systems through the lens of physics and engineering, and comprising the teaching faculty of Engineering and Physical Biology (EPB).

Howard Berg	Herchel Smith Professor of Physics; Professor of Molecular and Cellular Biology	Eric Mazur	Harvard College Professor; Gordon McKay Professor of Applied Physics; Professor of Physics
Michael Brenner	Gordon McKay Professor of Applied Mathematics and Applied Physics	Venky Murthy	Morris Kahn Associate Professor of Molecular and Cellular Biology
Jacques Dumais	Assistant Professor of Biology	David Nelson	Mallinckrodt Professor of Physics; Professor of Applied Physics; Professor of Molecular Biology
Florian Engert	Assistant Professor of Molecular and Cellular Biology	Mara Prentiss	Mallinckrodt Professor of Physics
Nicole Francis	Assistant Professor of Molecular and Cellular Biology	Aravi Samuel	Assistant Professor of Physics
Rachelle Gaudet	Assistant Professor of Molecular and Cellular Biology	Howard Stone	Vicky Joseph Professor of Engineering and Applied Mathematics
Guido Guidotti	Higgins Professor of Biochemistry	Zhigang Suo	Gordon McKay Professor of Mechanics and Materials
Michele Holbrook	Charles Bullard Professor of Forestry	David Weitz	Gordon McKay Professor of Applied Physics; Professor of Physics
John Hutchinson	Abbot and James Lawrence Professor of Engineering	George Whitesides	Mallinckrodt Professor of Chemistry and Chemical Biology
David Jeruzalmi	Assistant Professor of Molecular and Cellular Biology	Xaowei Zhuang	Associate Professor of Chemistry and Chemical Biology and of Physics
Nancy Kleckner	Herchel Smith Professor of Molecular Biology		
Roberto Kolter	Professor of Microbiology and Molecular Genetics, Harvard Medical School		
L. Mahadevan	Gordon McKay Professor of Applied Mathematics and Mechanics; Professor of Organismic and Evolutionary Biology; Professor of Systems Biology		
Tom Maniatis	Thomas H. Lee Professor of Molecular and Cellular Biology		

daVinci Group Retreat (June 10, 2005)

