

2013 Spring PHYS 7685

# Physics of Living Organisms

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Room/Times        TR 1:25 - 2:40pm    RCK189

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## Topics:

1. What is a living organism?
2. Falling dynamics and evolution of seeds
3. Bio-Locomotion and neural computation
4. Interaction between organisms (Prey-capture dynamics)

We will read, discuss, and work on projects related to these topics. There will be reading assignments for discussion and also a semester-long project. For an example of how each module is likely to be structured, see <http://dragonfly.tam.cornell.edu/teaching.html> under spring 2012 basic training module in condensed matter theory, or write to me.

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