

Vincent Noireaux, CV, 2015

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Education / Position

2011-15 : **Associate Professor** at the University of Minnesota, Physics department.
2005-11 : **Assistant Professor** at the University of Minnesota, Physics department.
2000-05 : **Postdoc** at the Rockefeller University, New York (A. Libchaber lab.).
Burroughs Wellcome and **Revson** Fellowship.
1996-00 : **PhD** at the Institute Curie, Research Department, Paris (J. Prost lab).
1994-95 : **Masters** in particle and condensed matter physics at the University Paris 11.
1990-94 : **Undergraduate** studies in applied physics at the University of Tours, France.

Research interests

field: cell-free synthetic biology, artificial cell system, bioengineering, experimental biological physics.
topics: Listeria movement and actin cytoskeleton (PhD).
In vitro genetic networks (postdoc).
Cell-free expression in synthetic vesicles (postdoc).
Quantum dots (postdoc).
Preparation and optimization of a new *E. coli* cell-free expression system for synthetic biology (UMN).
Bottom-up approach to minimal cell, biophysics and bioengineering (UMN).
Biophysics of Self-Assembly (UMN).

Teaching (University of Minnesota)

Fall 2005, 2006, 2007: 1301 (Intro physics for scientists and engineers).
Fall 2008, 2009: 4051 (Methods of experimental physics I).
Fall 2010, 2013, 2014 and spring 2012: 1101 (Intro college physics).
Spring 2007, 2008, 2009, 2010, 2011: 4911/5081 (Intro to biopolymer physics).
Fall 2012, 2014 and spring 2014: 1201 (Intro physics for biology and pre-medicine I).

Languages and computer skills

French: native language
English: fluent (written and spoken)