

# Juan E. Keymer

Interdisciplinary Assistant Professor, UC

Biology — Biological Physics — Applied Mathematics — Complexity— Ecology — A.I.

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Department of Ecology and Institute of Physics  
Schools of Biology and Physics  
P. Catholic University of Chile (UC)

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## Education

### **Princeton University**

Ph.D., Ecology and Evolutionary Biology, 2003

M.A., Ecology and Evolutionary Biology, 2000

### **P. Catholic University of Chile**

B.A., Biology, 1996

## Research

### **Department of Bionanoscience, TU Delft**

## Experience

Assistant Professor and Principal Investigator, 2010-2012

### **Department of Nanoscience, TU Delft**

Assistant Professor and Principal Investigator, 2007-2010

### **Department of Physics, Princeton University**

Postdoctoral Research Associate, 2005-2007

### **Department of Molecular Biology, Princeton University**

Postdoctoral Research Associate, 2004-2005

### **Unit of Bioinformatics, NEC Laboratories**

Postdoctoral Research Associate, 2003-2004

## Teaching

### **School of Biology, UC**

## Experience

DIY Biology and Open Science Hardware, 2017

Biology of Organisms and Communities, 2015-2016

### **School of Physics, UC**

Biological Physics, 2017

### **School of Applied Physics, TU Delft**

Biological Physics, 2008-2012

## Awards

### **Outstanding paper in Landscape Ecology Award**

US Chapter of the International Association for Landscape Ecology, 2001

## Language Skills

Human: Spanish (native), English (advanced), Dutch (colloquial)  
French (basic), Chinese (Beginner)

Machine: C (advanced), C++ (good), Objective C (good)

**Affiliations** **Schools of Biology and Physics, UC, Chile**  
Interdisciplinary Assistant Professor, 2014-today

**Millennium Institute for Ecology and Biodiversity, Chile**  
Associated Researcher, 2013-today

**Millennium Nucleus for the Physics of Active Matter, Chile**  
Associated Researcher, 2017-today

**References**

Professor Simon A. Levin Department of Ecology and Evolutionary Biology Princeton University slevin@princeton.edu,+1 (609) 258-6880	Professor Robert H. Austin Department of Physics Princeton University austin@princeton.edu,+1 (609) 258-4353
Professor Ned Wingreen Department of Molecular Biology Princeton University wingreen@princeton.edu,+1 (609) 258-8476	Professor Pablo A. Marquet Department of Ecology P. Catholic University of Chile pmarquet@bio.puc.cl,+56 2 2354-2639