

# William Bialek

Born 14 August, 1960 in Los Angeles, California.

## Education

1977–83: University of California at Berkeley. AB (1979) and PhD (1983) in Biophysics.

## Professional experience

since 2001: Princeton University. Professor of Physics

John Archibald Wheeler/Battelle Professor in Physics (since 2003)

Member, Lewis-Sigler Institute for Integrative Genomics (Associate Director 2008-11)

Associated faculty, Program in Applied and Computational Mathematics

Member, Programs in Neuroscience and in Biophysics (director since 2006)

Fellow, Princeton Center for Theoretical Science (2005-10)

1990-2001: NEC Research Institute. Fellow (1999-2001), Senior Research Scientist (1990-99).

1986-91: University of California at Berkeley. Assistant Professor of Physics and Biophysics.

1984-86: Institute for Theoretical Physics, University of California at Santa Barbara. Postdoctoral Fellow.

1983-84: Faculty of Physics, Rijksuniversiteit Groningen, the Netherlands. Postdoctoral Fellow.

## Honors and awards

2012: Member, National Academy of Sciences (USA)

2011: Phi Beta Kappa Award for excellence in undergraduate teaching

2010: Thomas D Jones Professorship in Mathematical Physics, Princeton University

2006: President's Award for Distinguished Teaching, Princeton University

1996: Fellow of the American Physical Society

1987–91: Presidential Young Investigator, National Science Foundation

1986–87: Miller Research Fellow & Regents' Junior Faculty Fellow

1983–84: National Science Foundation NATO Postdoctoral Fellow

1980–83: National Science Foundation Predoctoral Fellow

1978–80: A. B. with highest honors and distinction in general scholarship,

President's Undergraduate Fellow, Phi Beta Kappa and ARCS Foundation Fellow

## Named lectures

2012: Della Pietra Lecturer, Simons Center for Geometry and Physics, Stony Brook University

Hans Lukas Teuber Lecture in Brain and Cognitive Sciences, MIT

2011: George Whitfield Lecture in Physics, Pennsylvania State University

2010: Giorgio Careri Memorial Lecture, Dipartimento di Fisica, Sapienza Universita di Roma

2009: Colloquium Pierre et Marie Curie, Universite de Paris VI

2008: JD Crawford Lectures in Physics, University of Pittsburgh

2007: Hendrik de Waard Lecture in Physics, Rijksuniversiteit Groningen

Benjamin and Anne Pinkel Lecture in Cognitive Science, University of Pennsylvania

WA Crump '44 Lecture in Physics, St Andrew's School

2006: Niels Bohr Lecture, Copenhagen University

2001: Dexter Lecturer in Physics, Rochester University

1998: Porter Lecturer in Physics, Vanderbilt University

1997: David H. Harris '22 Visiting Lecturer in Physics, MIT

## Concurrent appointments

since 2009: The Graduate Center, City University of New York. Visiting Presidential Professor of Physics.

since 2006: Crick-Jacobs Center for Theoretical and Computational Biology, Salk Institute. Fellow.

2008, 2010, and 2012: Sapienza, Università di Roma. Visiting Professor of Physics

2007–09: Rockefeller University. Visiting Professor, Center for Studies in Physics and Biology.

2005–07: Center for Theoretical Neuroscience, Columbia University. Consultant.

1994–2004: University of California at San Francisco. Visiting Faculty, Sloan–Swartz Center for Theoretical Neurobiology. Visiting Professor, Department of Physiology (2000–02).

1991–2012: Marine Biological Laboratory. Lecturer and codirector (1998–2002) Summer Course on Computational Neuroscience; lecturer, summer course on Physiology (2007).

1991–2001: Princeton University, Department of Physics. Visiting Lecturer (1991, 93 & 98) with Rank of Professor (2000–01).

1990: Lawrence Berkeley Laboratory, Materials and Chemical Sciences Division. Faculty Scientist.