

Curriculum vitae: William Bialek

<http://www.princeton.edu/~wbialek/wbialek.html>

Born 14 August, 1960, in Los Angeles, California.

Last updated September 5, 2012

Education

1977–83: University of California at Berkeley. A. B. (1979) and Ph. D. (1983) in Biophysics.

Professional Experience

since 2001: Princeton University. Professor of Physics. John Archibald Wheeler/Battelle Professor (since 2003). Member, Lewis–Sigler Institute for Integrative Genomics (associate director 2008–11). Associated faculty, Programs in Applied and Computational Mathematics, Neuroscience and 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: University of California at Santa Barbara, Institute for Theoretical Physics. Postdoctoral fellow.

1983–84: Rijksuniversiteit Groningen, Faculty of Physics. Postdoctoral fellow.

Honors

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

1980–84: National Science Foundation Predoctoral Fellow & NATO Postdoctoral Fellow

1979–80: A. B. with highest honors and distinction in general scholarship, Phi Beta Kappa, President's Undergraduate Fellow, and ARCS Foundation Fellow

Named lectures

2012: Della Pietra Lecturer, Simons Center for Geometry and Physics, Stony Brook University;
HansLukas 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, Università di Roma

2009: Colloquium Pierre et Marie Curie, Université 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.

since 1991: Marine Biological Laboratory. Lecturer and co-director (1998–2002), Summer Course on Computational Neuroscience. Lecturer, Summer Course on Physiology (2007).

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

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

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

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

1991–2001: Princeton University. Visiting Lecturer in Physics (1991, '93, '98 & 2000–01).

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