

Curriculum vitae: William Bialek

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

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 in Physics (since 2003). Member of the Lewis–Sigler Institute for Integrative Genomics. Associated faculty, Department of Molecular Biology, and Programs in Applied and Computational Mathematics and Neuroscience.

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

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

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

1979–80: Phi Beta Kappa, President's Undergraduate Fellow, and ARCS Foundation Fellow

1979: A. B. with highest honors and distinction in general scholarship

Concurrent appointments and other activities

since 2005: Center for Theoretical Neuroscience, Columbia University. Consultant.

since 2004: Kavli Institute for Theoretical Physics, Santa Barbara. Advisory board (chair, 2005–06).

since 2004: Max Planck Institute for Dynamics and Self-Organization. Scientific Advisory Board.

since 2002: *Annals of Physics* (Academic Press). Editorial board.

since 2001: Scuola Internazionale Superiore di Studi Avanzati. International advisory committee.

1999–2002: National Research Council. Board on Physics and Astronomy.

1997–99: *Journal of Statistical Physics* (Plenum Press). Editorial board.

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

1994–97: American Physical Society. Executive Committee, Division of Biological Physics.

since 1993: *Neural Computation* (MIT Press). Editorial board.

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

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.