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Place of Birth: Bryn Mawr, Pennsylvania.
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Education

Ph.D. Physics, Bryn Mawr College, May 1990.
B. A. Physics, Reed College, May 1982.

Research

Oregon State University, Department of Biological and Ecological Engineering, and The College of Oceanic and Atmospheric Sciences, Various research appointments (2005—present).

Los Alamos National Laboratory, Center for Nonlinear Studies and the Theoretical Division (1994-95).

Woods Hole Oceanographic Institution, Department of Physical Oceanography. Postdoctoral Fellow (1992).

University of Warwick, Mathematics Institute, UK. NSF Postdoctoral Fellow (1991).

University of Otago, Department of Physics, Dunedin, New Zealand. Fulbright Scholar (1989).

Teaching

Whitman College, Walla Walla, Washington (1996). Visiting lecturer in Physics.

Otago University, Dunedin, New Zealand (1993). Visiting lecturer in Mathematics and Physics.

Industry

Agilent/Hewlett-Packard Labs. Member of Technical Staff (1997—2008). Member of the Technical staff in Agilent/HP's central research lab.

Bell Labs, Semiconductor Laser Development Group, Murray Hill, NJ. Senior Technical Associate (1982-84).

Professional Activities

Member of the American Physical Society and IEEE. Referee for Physical Review Letters, Physical Review E, American Journal of Physics, IEEE Transactions, Water Resources Research.

Books:

An Experimental Approach to Nonlinear Dynamics and Chaos, N. B. Tufillaro, T. A. Abbott, and J. P. Reilly, (Addison-Wesley, 1992).

Chaos and Nonlinear Dynamics, Edited by R. C. Hilborn and N. B. Tufillaro (American Association of Physics Teachers, 1999).

GNU Plotting Utilities: Programs and Functions for Drawing and Plotting Data, R. S. Maier and N. B. Tufillaro, (Free Software Foundation, Inc, 2000).

Significant Papers: (see complete publication list at my web site: *http://www.drchaos.net*),

N. Tufillaro, R. Ramshankar, and J. Gollub, Order-disorder transition in capillary ripples, Physical Review Letters 62 (4), 422 (1989).

G. Mindlin, X-J. Hou, H. Solari, R. Gilmore, and N. Tufillaro, Classification of strange attractors by integers, Physical Review Letters 64 (20), 2350 (1990).

R. Brown, N. Rulkov, and N. Tufillaro, Synchronization of chaotic systems: the effects of additive noise and drift in the dynamics and driving, Physical Review E 50 (6), 4509 (1994).

J. Wood, D. Root, and N. Tufillaro, A behavioral modeling approach to nonlinear model-order reduction for RF/Microwave ICs and Systems, IEEE Transactions on Microwave Theory and Techniques 52 (9), 2274 (2004).

N. Tufillaro, J. Dorighi, M. Collier and J. Selker, Measuring stream dynamics with fiber optics, Agilent Measurement Journal 3, 68 (2007).