**SIDNEY REDNER**

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**Education & Postdoctoral Training:**

7/77–8/78 Postdoctoral Fellow, University of Toronto, Toronto, Canada.
9/72–6/77 Graduate study in physics at MIT, Ph.D. 6/77.
9/68–6/72 Undergraduate study in physics, University of California, Berkeley.
A.B. degree with distinction in general scholarship.

**Professional Background:**

9/89– Professor of Physics, Boston University.
9/84–8/89 Associate Professor of Physics, Boston University.
9/78–8/84 Assistant Professor of Physics, Boston University.

**Administrative Positions:**

Acting Chairman, Department of Physics, 9/93–8/94, 7/03–7/04.
Associate Chairman, Department of Physics 9/92–8/95, 9/96–8/98, 12/00–8/03.
Director of Graduate Studies, Department of Physics 9/91–8/98, 12/00–8/03.

**Honorary & Visiting Positions:**

5/08 Visiting Professor, Université Pierre et Marie Curie, Paris, France.
2/08 Visiting Professor, Université Paul Sabatier, Toulouse, France.
7/07– External Faculty, Sante Fe Institute.
5/06–6/06 Senior Visiting Fellow, Newton Institute of Mathematical Sciences, Cambridge University.
9/04–9/05 Ulam Scholar, Center for Non-Linear Studies, Los Alamos National Laboratory.
1/86–5/86 Visiting Scientist & Consultant, Schlumberger-Doll Research.
8/84–2/85 Visiting Scientist, Schlumberger-Doll Research.

**Research Interests:**

Condensed matter and statistical physics; stochastic processes; first-passage processes; chemical kinetics; transport in disordered media; percolation theory and disordered systems; dynamics of social systems; structure of complex networks.

**Publication Summary:**

- 230 publications in refereed journals and book chapters.
- includes 14 book chapters associated with major conferences.
- 1 monograph, "A Guide to First-Passage Processes" (Cambridge University Press, 2001).
- 1 graduate-level text, "A Kinetic View of Statistical Physics", with P. L. Krapivsky, and E. Ben-Naim (Cambridge University Press, 2010).

**Professional Affiliations:**

Fellow, American Physical Society.
Fellow, Institute of Physics.

Editorial Boards: Journal of Informetrics, 2006–, Journal of Statistical Mechanics, 2004–
European Physical Journal B, 2009–
Journal of Statistical Physics, 2000–2002, 2008–
Journal of Physics A, 2005–09
American Journal of Physics, 2005–07, Physical Review E, 1992–97

Advisory Panel, Institute of Physics Publishing, 2001–09
past chair, Topical Group in Statistical and Nonlinear Physics, APS.