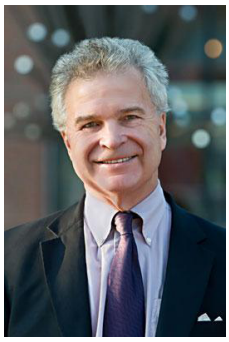
ONE-PAGE CURRICULUM VITAE

H. Eugene Stanley



NOTARIZATION. I have read the following and certify that this curriculum vitae is a current and accurate statement of my professional record.

Signature: H. Eugene Stanley Date: 8 January 2018

WORK ADDRESS

Boston University, 590 Commonwealth Avenue, Boston, Massachusetts 02215

Office: 617/353-2617 Fax: 617/353-9393 Email: HES@bu.edu

RESEARCH FIELD

- Application of Statistical Physics to Understanding and Preventing Diseases Related to Protein Misfolding
- Econophysics: Using Statistical Physics Concepts to Better Understand Economic Questions
- Physical Mechanisms in Liquid Water
- Threat Networks and Threatened Networks: Stabilization and Immunization of Networks

EDUCATIONAL BACKGROUND

- B.A., Physics, 1962, Wesleyan Univ., φβκ; National Merit Scholarship. Honors Thesis: T.A.Green
- 1 year Experimental biophysics, Univ. Köln (Max Delbrück, Advisor). Fulbright Fellowship.
- Ph.D., Physics, January 1967, Harvard Univ. (T.A. Kaplan & J.H. Van Vleck). NSF Fellowship.

PROFESSIONAL EXPERIENCE

(1) William Fairfield Warren Distinguished Professor, Boston University, 2011-present.
—Lorentz Professor, University of Leiden, Spring, 2013
—Affiliate Faculty Member, Rafik B. Hariri Institute for Computing and Computational Science & Engineering, 2013–present.
—University Professor, 1979-2011.
—Director, Center for Polymer Studies, 1978-present.
—Professor of Physiology, Boston University School of Medicine, 1978-present.
—Professor of Physics, Boston University, 1976-present.
—Professor of Biomedical Engineering, Boston University, 2007-present.
—Professor of Chemistry, Boston University, 2007-present.
(2) Herman von Helmholtz Associate Professor, M.I.T., 1973-76.
—Associate Professor of Physics, M.I.T., 1971-73.
—Assistant Professor of Physics, M.I.T., 1969-71.
(3) Miller Fellow, Miller Institute for Basic Research in Science, Physics Department, University of California,Berkeley, 1968-69.
(4) Staff Member, Solid State Physics Group, M.I.T., Lincoln Laboratory, 1967-69 (Part-time: 1964-67;Consultant: 1969-71).

HONORS, AWARDS, NAMED LECTURES, and LEADERSHIP

- Elected *Member, National Academy of Sciences*, 2004.
- *Boltzmann Medal*, International Union of Pure and Applied Physics (IUPAP), 2004.
- *Chair*, National Academy of Sciences/Keck Futures Initiative on Complexity, 2007–2008
- van *Leeuwenhoek* Lecture, Leiden, 2014

RECENT PUBLICATIONS

- S. V. Buldyrev, R. Parshani, G. Paul, **H. E. Stanley**, and S. Havlin, "Catastrophic Cascade of Failures in Interdependent Networks," Nature **464**, 1025-1028 (2010). Accompanied by "News & Views" article by A. Vespignani on pp. 984-985. **[ISI Citations: 1543]**
- A. Majdandzic, B. Podobnik, S. V. Buldyrev, D. Y. Kenett, S. Havlin, and **H. E. Stanley**, "Spontaneous Recovery in Dynamical Networks," Nature Physics **10**, 34–38 (2014). **[ISI Citations: 114]**
- P. Gallo, K. Amann-Winkel, C. A. Angell, M. A. Anisimov, F. Caupin, C. Chakravarty, E. Lascaris, T. Loerting, A. Z. Panagiotopoulos, J. Russo, J. A. Sellberg, **H. E. Stanley**, H. Tanaka, C. Vega, L. Xu, and L. G. M. Pettersson, "Water: A Tale of Two Liquids," Chemical Reviews **116**, 7463-7500 (2016). **[ISI Citations: 115]**
- T. Preis, H. S. Moat, and **H. E. Stanley**, "Quantifying Trading Behavior in Financial Markets Using *Google Trends*," Nature Scientific Reports **3**, 1684 (2013). Described in "The Digital Treasure Trove," by Des Dearlove in *Core: Contemporary Business with a Twist*, 64-65 (2013). PDF **[ISI Citations: 187]**
- M. Del Vicario, A. Bessi, F. Zollo, F. Petroni, A. Scala, G. Caldarelli, **H. E. Stanley**, and Q. Quattrociocchi, "The Spreading of Misinformation Online," Proc. Natl. Acad. Sci. USA **113**, 554-559 (2016). **[ISI Citations: 103]**