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**Born:**

May 19, 1970, Hinsdale, IL

**EDUCATION:**

Ph.D. in Physics, U. Texas, Austin 1997 (thesis advisor: H. Swinney)

B.S. in Engineering Physics, U. of Illinois at Urbana-Champaign, 1992

**PROFESSIONAL EXPERIENCE:**

2001-Present Assistant Professor of Physics, Emory University

1999–2000 Postdoctoral Fellow, Department of Physics, Harvard University

1998–1999 Postdoctoral Fellow, Department of Physics, University of Pennsylvania

**GRADUATE AND POSTDOCTORAL ADVISING** (in past 5 years):

G. Cianci, P. Habdas.

**CURRENT RESEARCH SUPPORT:**

NASA, Petroleum Research Fund

**OTHER COLLABORATORS** (in past 48 months):

J. Crocker, K. Dawson, U. Gasser, M. Ghil, S. Koehler, A. Levine, D. Lynn, J. Morris,

H. Stone, H. Swinney, R. Verma, D. Weitz, A. Yodh

**SELECTED PUBLICATIONS:**

1. “Properties of cage rearrangements observed near the colloidal glass transition,” E. R. Weeks and D. A. Weitz, submitted to *Phys. Rev. Lett.* (2001) (cond-mat/0107279).
2. “Subdiffusion and the cage effect studied near the colloidal glass transition,” E. R. Weeks and D. A. Weitz, submitted to *Chemical Physics*, special issue on Strange Kinetics (2001) (cond-mat/0111073).
3. “Three-dimensional confocal microscopy of colloids,” A. D. Dinsmore, E. R. Weeks, V. Prasad, A. C. Levitt, and D. A. Weitz, *App. Optics* **40**, 4152-4159 (2001).
4. “Three-dimensional direct imaging of structural relaxation near the colloidal glass transition,” E. R. Weeks, J. C. Crocker, A. C. Levitt, A. Schofield, and D. A. Weitz, *Science* **287**, 627-631 (2000).
5. “Real space imaging of nucleation and growth in colloidal crystallization,” U. Gasser, E. R. Weeks, A. Schofield, P. N. Pusey, and D. A. Weitz, *Science* **292**, 258-262 (2001).
6. “Two-point microrheology of inhomogeneous soft materials,” J. C. Crocker, M. T. Valentine, E. R. Weeks, P. D. Kaplan, A. G. Yodh, and D. A. Weitz, *Phys. Rev. Lett.* **85**, 888-891 (2000).
7. “Transitions between blocked and zonal flows in a rotating annulus with topography,” E. R. Weeks, Y. Tian, J. S. Urbach, K. Ide, H. L. Swinney, and M. Ghil, *Science* **278**, 1598-1601 (1997).
8. “Evolving artificial neural networks to control chaos,” E. R. Weeks and J. M. Burgess, *Phys. Rev. E* **56**, 1531-1540 (1997).
9. “Anomalous diffusion resulting from strongly asymmetric random walks,” E. R. Weeks and H. L. Swinney, *Phys. Rev. E* **57**, 4915-4920 (1998).
10. “Observations of anomalous diffusion and Lévy flights in a 2-dimensional rotating flow,” T. H. Solomon, E. R. Weeks, and H. L. Swinney, *Phys. Rev. Lett.* **71**, 3975-3979 (1993).