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EDUCATION:

Ph.D. in Applied & Computational Mathematics, Princeton University, 1998
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M.A. in Applied & Computational Mathematics, Princeton University, 1996
M.Phil. in Physics, University of Cambridge, 1995 (thesis advisor: M. Warner)
B.S. in Engineering Physics, Cornell University, 1993

PROFESSIONAL EXPERIENCE:

2001–present	Assistant Professor, School of Mathematics, Georgia Tech
1998–2001	Applied Mathematics Instructor, Dept. of Mathematics, MIT

HONORS & AWARDS:

1999–2002	NSF Mathematical Sciences Postdoctoral Research Fellowship
1994–1998	NSF Graduate Fellowship
1993–1994	Winston Churchill Foundation Scholarship
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CURRENT RESEARCH SUPPORT:

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COLLABORATORS (in past 48 months):

M. P. Brenner, M. Carlson, L. Cipelletti, I. Goldhirsch, A. Handel, S. Manley, S. A. Orszag, P. N. Segrè, B. I. Shraiman, S.-Y. Tee, G. Turk, B. Van Horn, M. Vergassola, X. Wang, J. White, D. A. Weitz

SELECTED PUBLICATIONS:

1. "Partial screening in dense lattice-configuration suspensions," P. J. Mucha, I. Goldhirsch, S. A. Orszag, & M. Vergassola, *Phys. Rev. Lett.* **83**, 3414 (1999).

2. "Fast fluid analysis for multibody micromachined devices," X. Wang, P. J. Mucha, & J. White, *Tech. Proc. of 4th Intl. Conf. on Modeling and Simulations of Microsystems*, 19 (2001).

3. "Melting and Flowing," M. Carlson, P. J. Mucha, B. Van Horn, & G. Turk, *ACM SIGGRAPH Symposium on Computer Animation*, 167 (2002).

4. "Nonuniversal velocity fluctuations of sedimenting particles," S.-Y. Tee, P. J. Mucha, L. Cipelletti, S. Manley, M. P. Brenner, P. N. Segrè, & D. A. Weitz, *Phys. Rev. Lett.* **89**, 054501 (2002).

5. "A unifying theory for velocity fluctuations in sedimentation," P. J. Mucha, S.-Y. Tee, D. A. Weitz, B. I. Shraiman, & M. P. Brenner, submitted to *J. Fluid Mech.*.