

BIOGRAPHICAL SKETCH

NAME Jason M. Zhao		POSITION TITLE Postdoctoral Fellow	
eRA COMMONS USER NAME			
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Colorado, Boulder, CO	B. A. (<i>summa cum laude</i>)	1998	Physics
University of Chicago, Chicago, IL	Ph.D.	2004	Physics & Biophysics

A. Positions and Honors.**Positions**

- 2004-present: Postdoctoral Fellow, Johns Hopkins University, Department of Radiology, Baltimore, MD

Honors

- 2007: International Society for Magnetic Resonance in Medicine (ISMRM) Educational Stipend
- 2005: ISMRM New Entrant Award
- 2002-2004: Burroughs Wellcome Fellowship
- 2000-2002: NIH Fellowship for Interdisciplinary Research in Chemistry and Biology
- 1998: Outstanding Undergraduate Physics Student Award

B. Peer-reviewed publications

- **J.M. Zhao**, C.S. Clingman, M.J. Narvainen, R.A. Kauppinen, P.C.M. van Zijl. Oxygenation and hematocrit dependence of transverse relaxation rates of blood at 3T. *Magn. Reson. Med.* 58, 592-596 (2007).
- **J.M. Zhao**, H. Lee, R.A. Nome, S. Majid, N.F. Scherer, W.D. Hoff. Single-molecule detection of structural changes during Per-Arnt-Sim (PAS) domain activation. *Proc. Nat. Acad. Sci. USA* 103, 11561-11566 (2006).
- B.H. Behrens, W.T. Ford, A. Gritsan, H. Krieg, J. Roy, J.G. Smith, **J.M. Zhao** et al. Two-body B meson decays to eta and eta': Observation of B→eta' K. *Phys. Rev. Lett.* 80, 3710-3714 (1998).

Under review:

- R.A. Nome, **J.M. Zhao**, W.D. Hoff, N.F. Scherer. Axis-dependent anisotropy in protein unfolding mechanisms. Submitted (2007).