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EDUCATION

Ph.D, Fluid Dynamics, 1994, University of Manchester
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EXPERIENCE

07/2011-present: Oceanographer, NRL, Stennis Space Center, MS 39529
07/2010-06/2011: Senior Scientist, IMSG at NOAA/NCEP EMC, Camp Springs, MD 20746
03/2005-07/2010: Senior Scientist, SAIC at NOAA/NCEP EMC, Camp Springs, MD 20746
03/2001-03/2005: UCAR Scientist, NOAA/NCEP EMC, Camp Springs, MD 20746
05/2000-03/2001: Research Staff in Program in Atmospheric & Ocean Sciences,
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07/1998-05/2000: Research Scientist at CSIRO Atmospheric Research, Australia
10/1994-06/1998: Postdoctoral Research Fellow at CSIRO Atmospheric Research, Australia.

SELECTED RECENT PUBLICATIONS

- Wei, M., Rowley, C., Martin, P., Barron, C.N., Jacobs, G., (2014). The U.S. Navy's RELO Ensemble Prediction System and its performance in the Gulf of Mexico. *Q. J. R. Meteorol. Soc.* 140: 1129–1149, April 2014 B DOI:10.1002/qj.2199
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- Jacobs, G.A., B. Bartels, D. Bogucki, F. Javier Beron-Vera, S. Chen, E. Coelho, M. Curcic, A. Griffa, M.Gough, B. Haus, A. Haza, R. Helber, P. Hogan, H. Huntley, M. Iskandarani, F. Judt, Kirwan Jr., N. Laxague, A. Valle-Levinson, B. Lipphardt, A. Mariano, H. Ngodock, G. Novelli, M. Olascoaga, T. Ozgokmen, A. Poje, J. Reniers, C. Rowley, E. Ryan, S. Smith, P. Spence, P. Thoppil, M. Wei (2014): Data Assimilation Considerations for Improved Ocean Predictability during the Gulf of Mexico Grand Lagrangian Deployment (GLAD) (*Ocean Modeling*, in press)
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- Wei, M., Z. Toth, R. Wobus, Y. Zhu (2008), Initial Perturbations Based on the Ensemble Transform (ET) Technique in the NCEP Global Operational Forecast System, *Tellus* 60A, 62-79.
- Wei, M., Z. Toth, R. Wobus, Y. Zhu, C. H. Bishop and X. Wang (2006), Ensemble Transform Kalman Filter-based ensemble perturbations in an operational global prediction system at NCEP, *Tellus* 58A, 28-44.