

DAREK BOGUCKI

Curriculum Vitae- February 2017

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Professional Preparation:

1996, Ph.D., Earth Sciences, University of Southern California, Los Angeles
1991, M.Sc. Oceanography, 1991, Dalhousie University (Canada)
1982, M.Sc.+Eng. Applied Physics and Math, Gdansk Technical University (Poland)

Appointment:

2016-present, Associate Professor, Texas A&M University—Corpus Christi, Corpus Christi, TX
2011-present, Faculty - part time (summer), CalTech/JPL
2010-2016, Assistant Professor, Texas A&M University—Corpus Christi, Corpus Christi, TX
2002-2009, Assistant Professor, University of Miami, FL
1999-2001, Assistant Research Professor, University of Southern California, CA
1996-1999, Post-doctoral fellow, University of Southern California (half-time)
1996-1999, Post-doctoral fellow, Oregon State University (half-time)
1982-1988, Research Associate, Polish Academy of Science, IOPAN Sopot, Poland

Five recent publications

1. Poje, C. A., T.M. Özgökmen, D. J. Bogucki, A. D. Kirwan, Jr., 2016.” Evidence of a forward energy cascade and Kolmogorov self-similarity in submesoscale ocean surface drifter observations”. PRL, February 2017
2. Huguenard K. D, D. J. Bogucki, D. G. Ortiz-Suslow, N. J. M. Laxague, J. H. MacMahan, T. M. Özgökmen, B. K. Haus, A. J. H. M. Reniers, J. Hargrove, A.V. Soloviev, H. Graber, 2016 “On the nature of the frontal zone of the Choctawhatchee Bay plume in the Gulf of Mexico”, *JGR-Oceans*, 121(2), 1322-1345.
3. Bogucki D. J, K. Huguenard, B.K. Haus, T.M. Özgökmen, A. Reniers, N. J. M. Laxague. 2015. Scaling Laws for the Upper-Ocean Temperature Dissipation Rate. *Geophysical Research Letters*, 42(3): 839-846.
4. Laxague, N. J. M., B. K. Haus, D. Bogucki, and T.M. Özgökmen. 2015. Spectral characterization of fine-scale wind waves using shipboard optical polarimetry. *JGR: Oceans*, 120(4): 3140-3156.
5. D. J. Bogucki and G. Spiers. “What is the percentage of oceanic mixed layer accessible to marine LiDAR? Global and the Gulf of Mexico prospective”, *Optics Express* Vol. 21, Issue 20, pp. 23997-24014 (2013).

Synergistic Activities

Panel member on: NASA Physical Oceanography Program, EOS and NSF Physical Oceanography Programs.

Reviewer for: Physics of Fluid, Journal of Fluid Mechanics, Applied Optics, Optics Express, Journal of Geophysical Research, Journal of Physical Oceanography, National Academy of Sciences of US
