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Education:

1962 B. S. Civil Engineering, University of Florida
1963 M. S. Physical Oceanography, Oregon State
1968 Ph. D. Physical Oceanography, Oregon State

Experience:

1962-1963 Research Associate, Department of Oceanography, Oregon State University, Corvallis, Oregon
1964-1965 Marine Advisors, Inc., La Jolla, California
1965-1966 Research Associate, Department of Coastal Engineering, University of Florida
1968-1970 Assistant Professor, Department of Geology, Duke University and Duke University Marine Laboratory
1970-1974 Research Scientist, Physical Limnology, Lakes Research Division, Canada Centre for Inland Waters
1974-1976 Program Manager, Coastal Oceanography Program, Division of Biomedical and Environmental Research, U. S. Energy Research and Development Administration
1976-1982 Associate Professor, Skidaway Institute of Oceanography
Adjunct Associate Professor, School of Geophysical Sciences, Georgia Institute of Technology
1982-2008 Professor, Skidaway Institute of Oceanography
Adjunct Professor, School of Marine Sciences, The University of Georgia
Adjunct Professor, School of Earth and Atmospheric Sciences, Georgia Institute of Technology
Adjunct Professor, Marine Science Program, University of South Carolina
2008-present Professor Emeritus, Skidaway Institute of Oceanography

Special Award

J. William Fulbright Senior Fellowship, Faculty of Sciences, University of Lisbon, Portugal, 1997-1998.

Selected Publications:

- 2002 Blanton, J.O., G. Lin and S.A. Elston. Tidal current asymmetry in shallow estuaries and tidal creeks. *Continental Shelf Research* 22: 1731-1743.
- 2003 Blanton, J.O., H. Seim, C. Alexander, J. Amft and G. Kineke. Transport of salt and suspended sediments in a curving channel of a coastal plain estuary: Satilla River, GA. *Estuarine, Coastal and Shelf Science* 57:993-1006.
- 2006 Seim, H.E., J. O. Blanton and S. Elston. Tidal circulation and energy dissipation in a shallow, sinuous estuary. *Ocean Dynamics* 56 (3-4): 360-375.
- 2006 Blanton, J.O., F. Andrade and M. Adelaide Ferreira. The relationship of hydrodynamics and morphology in tidal-creek and salt-marsh systems in South Carolina and Georgia. In: *Implications of changing land use patterns to coastal ecosystems*. (Eds. Kleppel, G.S., M.R. DeVoe and M.V. Rawson, Jr.) p. 93-107. Springer-Verlag, New York, USA.
- 2008 Seim, H.E., J.O. Blanton and S.A. Elston. The effect of secondary circulation on the salt distribution in a sinuous coastal plain estuary: Satilla River, GA, USA, *Continental Shelf Research* (2008), doi:10.1016/j.csr.2008.03.018
- 2009 Blanton, J.O , A.J. Garrett, J.S. Bollinger, D.W. Hayes, L.D Koffman and J. Amft. Transport and dispersion of a conservative tracer in coastal waters with large intertidal areas. *Estuaries and Coasts* 32: 573-592.
- 2010 Blanton, J.O , A.J. Garrett, J.S. Bollinger, D.W. Hayes, L.D Koffman J. Amft and T. Moore. Transport and retention of a conservative tracer in an isolated creek-marsh system. *Estuarine, Coastal and Shelf Science* 87: 333-345.
- 2010 Janhke, R.A. and J.O. Blanton. The Gulf Stream. In: Liu KK, Atkinson L, Quinones R, Talaue-McManus L (eds) *Carbon and Nutrient Fluxes in Continental margins, Global Change*. Springer Heidelberg. Pp 145-152.
- 2011 King, Jeffrey,K. and J.O. Blanton. Model for predicting effects of land-use changes on the canal-mediated discharge of total suspended solids into tidal creeks and estuaries. *Journal of Environmental Engineering* 137: 920-927.
- 2014 Andrade, Francisco, Jackson Blanton, M. Adelaide Ferreira, Julie Amft. Developments in Salt Marsh Topography Analysis Using Airborne Infrared Photography. In: *Remote Sensing and Modeling: Advances in Coastal and Marine Resources*, Coastal Research Library 9, Chapter 13, p. 317 - 331.
- 2015 Sullivan, J.C., R. Torres, A. Garrett, J. Blanton, C. Alexander, M. Robinson, T. Moore, J. Amft, and D. Hayes. Complexity in salt marsh circulation for a semienclosed basin. *J. Geophysical Res, Earth Surf*, 120, 1973-1989, doi:

10.1002/2014JF003365.