

Gary L. Taghon

Professional preparation

Purdue University	Biology	B.S. 1975
University of Washington	Oceanography	M.S. 1977
University of Washington	Oceanography	Ph.D. 1981

Appointments

Professor, Department of Marine and Coastal Sciences, Rutgers University	2007-present
Chair, Department of Marine and Coastal Sciences, Rutgers University	1999-2005
Associate Professor, Dept. Marine and Coastal Sciences, Rutgers University	1991-2007
Associate Professor, College of Oceanography, Oregon State University	1988-1991
Assistant Professor, College of Oceanography, Oregon State University	1982-1988
Postdoctoral Scholar, Woods Hole Oceanographic Institution	1981-1982
Graduate Research Assistant, Dept. Oceanography, University of Washington	1975-1981

Publications (last 3 years)

- 2008 Wang, W., L. M. Shor, E. J. LeBoeuf, J. P. Wiksw, G. L. Taghon and D. S. Kosson. Protozoan migration in bent microfluidic channels. *Applied and Environmental Microbiology* 74: 1945-1949
- 2008 Able, K. W., T. M. Grothues, S. M. Hagan, M. E. Kimball, D. M. Nemerson and G. L. Taghon. Long-term response of fishes to restoration of former salt hay farms: multiple measures of restoration success. *Reviews in Fish Biology and Fisheries* 16: 65-97
- 2006 Gruber, D. G., J. P. Simjouw, S. P. Seitzinger, and G. L. Taghon. Dynamics and characterization of refractory dissolved organic matter produced by a pure bacterial culture in an experimental predator-prey system. *Applied and Environmental Microbiology* 72: 4184-4191.
- 2006 Tso, S.-F., and G. L. Taghon. Protozoan grazing increases mineralization of naphthalene in marine sediment. *Microbial Ecology* 51: 460-469.

Other Relevant Publications (up to 5 others)

- 2004 Reimers, C. E., I. Stecher, Hilmar A., G. L. Taghon, C. M. Fuller, M. Huettel, A. Rusch, N. Ryckelynck, and C. Wild. In situ measurements of advective solute transport in permeable shelf sands. *Continental Shelf Research* 24: 183-201.
- 2003 Shor, L. M., K. J. Rockne, G. L. Taghon, L. Y. Young, and D. S. Kosson. Desorption kinetics for field-aged polycyclic aromatic hydrocarbons from sediments. *Environmental Science and Technology* 37: 1535-1544
- 2003 Rusch, A., M. Huettel, C. E. Reimers, G. L. Taghon, and C. M. Fuller. Activity and distribution of bacterial populations in Middle Atlantic Bight shelf sands. *FEMS Microbiology Ecology* 44: 89-100
- 2002 Rockne, K. J., L. M. Shor, L. Y. Young, G. L. Taghon, and D. S. Kosson. Distributed sequestration and release of PAHs in weathered sediment: the role of sediment structure and organic carbon properties. *Environmental Science and Technology* 36(12): 2636-2644

2000 Smith, K. J., G. L. Taghon, and K. W. Able. Trophic linkages in marshes: ontogenetic changes in diet for young-of-the-year mummichog, *Fundulus heteroclitus*, in Concepts and Controversies in Tidal Marsh Ecology, M.P. Weinstein and D.A. Kreeger, Editors. Kluwer: Dordrecht. p. 221-237

Synergistic activities (last 5 years)

Scientific Committee on Oceanic Research, member of Working Group on Transport and Reaction in Permeable Marine Sediments
Cook College Curriculum and Educational Policy Committee, Rutgers University
National Science Foundation, BioComplexity review panel
West Coast and Polar Regions Undersea Research Center peer review panel

Collaborators (last 5 years)

Rutgers University: Kenneth Able, Charlotte Fuller, Lee Kerkhof, Johannes Khinast, Monica Mazurek, Lily Young
University of North Carolina: J. Steven Fries
Vanderbilt University: David Kosson, Eugene LeBoeuf, Leslie Shor
University of Illinois-Chicago: Karl Rockne

Graduate and postdoctoral advisors

Peter Jumars, Darling Marine Center, University of Maine
Arthur Nowell, Dean College of Oceanography, University of Washington
J. Frederick Grassle, Director Institute of Marine and Coastal Sciences, Rutgers University
William Grant (deceased)

Thesis and postgraduate advisees (last 5 years)

2003	Yungkul Kim	Ph.D.	Rutgers University	Committee member
2003	Gregg Sakowicz	M.S.	Rutgers University	Committee member
2004	Tish Robertson	Ph.D.	Rutgers University	Committee member
2005	John Scrivo	M.S.	Rutgers University	Committee member
2006	Menka Mittal	Ph.D.	University of Illinois	Committee member
2006	Shannon Newby	Ph.D.	Rutgers University	Committee member
2007	Wei Wang	Ph.D.	Vanderbilt University	Committee member
2007	James Vasslides	M.S.	Rutgers University	Committee member
2007	David Gruber	Ph.D.	Rutgers University	Primary advisor
2008	Steven Tuorto	Ph.D.	Rutgers University	Primary advisor
2008	Matthew Kimball	Ph.D.	Rutgers University	Committee member
2008	Dale Haroski	Ph.D.	Rutgers University	Primary advisor
	Joseph Stout		Rutgers University	Primary advisor
	John Balletto		Rutgers University	Committee member
	Esther Leibovich		Rutgers University	Primary advisor

Total number graduate students (including above) 46

Total number postgraduate scholars 8