

**MICHAEL A. RICE**  
Professor of Fisheries and Aquaculture  
Curriculum Vitae Revised 7/28/2022

**OFFICE:**

University of Rhode Island  
Dept. of Fisheries, Animal & Veterinary Science  
Kingston, RI 02881  
tel: (401) 874-2943  
FAX: (401) 874-7575  
E-mail: RICE@URI.EDU

**PROFESSIONAL INFORMATION:**

Education:

BS 1977, Biology, University of San Francisco  
MS 1981, Biological Sciences, University of California, Irvine  
Ph.D. 1987, Comparative Physiology, University of California, Irvine

Employment History:

2000-present University of Rhode Island -- Professor  
2009-2011 Rhode Island House of Representatives -- State Representative (District 35 –South Kingstown)  
2000-2004 University of Rhode Island -- Chairman, Dept. of Fisheries, Animal & Vet. Science  
1996-1997 Don Mariano Marcos Memorial State University, Philippines. -- Visiting Fulbright Professor  
1993-2000 University of Rhode Island -- Associate Professor with Tenure  
1987-1993 University of Rhode Island -- Assistant Professor  
1985-1987 University of California, Irvine -- Research Assistant (California Sea Grant Fellow)  
1981-1985 U.S. Peace Corps, Philippines -- Volunteer Mariculture Extensionist with Bureau of Fisheries & Aquatic Resources, Region I.  
1977-1981 University of California, Irvine -- Teaching Assistant  
May - Sept. 1977 Ocean Engineering Division, Interstate Electronics Corp., Anaheim, CA. -- Marine Biologist

Certification:

Certified Research SCUBA Diver 1987 (NAUI, CMAS)

Professional Society Memberships:

American Association for the Advancement of Science (AAAS) (1987-present)  
American Society of Limnology and Oceanography (ASLO) (1978-2010)  
Asian Fisheries Society (AsFS) (1983-present)  
National Association of Fulbright Scholars (life member since 1997)  
National Shellfisheries Association (NSA) (1987-present)  
Society for Integrative and Comparative Biology (SICB) formerly the American Society of Zoologists (ASZ) (life member since 1981)  
The Oceanography Society (TOS) (life charter member since 1988)  
Western Indian Ocean Marine Science Society (WIOMSA) (associate member 2005-2010)  
Western Society of Naturalists (1977-1988)  
World Aquaculture Society (WAS)/including its subsidiary United States Aquaculture Society (USAS) (life member since 1988)

Foreign Languages:

Ilokano Excellent (FSI level 4)  
Tagalog Good (FSI Level 2+)  
Spanish Fair (FSI Level 2)

## SELECTED PUBLICATIONS

### Peer Reviewed Articles

- Rice, M.A. and P.K. Chien. (1977). The effects of divalent cadmium on the uptake kinetics of glycine by the polychaete, *Neanthes virens*. The Wasmann Journal of Biology 35:137-143.
- Rice, M.A. and P.K. Chien. (1979). Uptake, binding and clearance of divalent cadmium in *Glycera dibranchiata* (Annelida:Polychaeta). Marine Biology 53:33-39.
- Rice, M.A., K. Wallis and G.C. Stephens. (1980). Influx and net flux of amino acids into larval and juvenile flat oysters, *Ostrea edulis* L. Journal of Experimental Marine Biology and Ecology 48:51-59.
- Manahan, D.T., S.H. Wright, G.C. Stephens and M.A. Rice. (1982). Transport of dissolved amino acids by the mussel, *Mytilus edulis*: Demonstration of net uptake from seawater by HPLC analysis. Science 215:1253-1255.
- Chien, P.K. and M.A. Rice. (1985). Autoradiographic localization of exogenously supplied amino acids after uptake by the polychaete, *Glycera dibranchiata* Ehlers. The Wasmann Journal of Biology 43:60-71.
- Rice, M.A. and G.C. Stephens. (1987). Uptake and internal distribution of exogenously supplied amino acids in the Pacific oyster, *Crassostrea gigas* (Thunberg). Aquaculture 66:19-31.
- Rice, M.A. and G.C. Stephens. (1988). Influx and transepithelial flux of amino acids in the mussel, *Mytilus edulis*. Journal of Experimental Biology. 135:275-287.
- Rice, M.A. and G.C. Stephens. (1988). Influx, net flux and transepithelial flux of amino acids in the hardshell clam, *Mercenaria mercenaria*: influence of salinity. Comparative Biochemistry and Physiology 89A:531-536.
- Crawford, B.R. and M.A. Rice. (1989). Monitoring and evaluation of Peace Corps marine fisheries and mariculture projects in the Philippines. pp. 71-103 In: (R.B. Pollnac ed.) Monitoring and Evaluating Small-Scale Fisheries Projects. International Center for Marine Resource Development, University of Rhode Island, Kingston.
- Rice, M.A., C. Hickox and I. Zehra. (1989). Effects of intensive fishing effort on the population structure of quahogs, *Mercenaria mercenaria* (L.) in Narragansett Bay. Journal of Shellfish Research 8:445-454.
- Rice, M.A. (1992). Oyster culture and water quality in the tropics. pp. 122-134 In: (R.B. Pollnac and P. Weeks eds.) Tropical Mariculture Problems and Issues. International Center for Marine Resource Development, University of Rhode Island, Kingston.
- Rice, M.A. (1992). Bivalve aquaculture in warm tropical and sub-tropical waters with reference to sanitary water quality monitoring and postharvest disinfection. Tropical Science 32:179-202.
- Rice, M.A. R.B. Rheault, M.S. Perez and V.S. Perez. (1994). Experimental culture and particle filtration by Asian moon scallops, *Amusium pleuronectes*. Asian Fisheries Science 7:179-185.
- Rheault, R.B. and M.A. Rice. (1996). Food-limited growth and condition index in the oyster *Crassostrea virginica* (Gmelin 1791) and the bay scallop *Argopecten irradians irradians* (Lamarck 1819). Journal of Shellfish Research 15:271-283.
- Rice, M.A. and A.Z. DeVera. (1998). Aquaculture in Dagupan City, Philippines. World Aquaculture 29(1):18-24.
- Rice, M.A. (1999). The uptake of dissolved free amino acids by northern quahogs, *Mercenaria mercenaria* and its relative importance to organic nitrogen deposition in Narragansett Bay, Rhode Island. Journal of Shellfish Research 18:547-553.
- Rice, M.A. (2000). A Review of Shellfish Restoration as a Tool for Coastal Water Quality Management. Environment Cape Cod 3(2):1-8.
- Peitros, J.M. and M.A. Rice. (2003). The impacts of aquacultured oysters, *Crassostrea virginica* (Gmelin, 1791) on water quality and sedimentation: results of a mesocosm study. Aquaculture 220:407-422.
- Rice, M.A. (2003). Chapter 3, Food: Aquaculture. pp. 372-417. In: B. Hazeltine and C. Bull (eds.), Field Guide to Appropriate Technology. Academic Press/Elsevier, Amsterdam. 874pp. ISBN 0-12-335185-5.
- Rice, M.A., A. J. Mmochi, L. Zuberi and R.M. Savoie. (2006). Aquaculture in Tanzania. World Aquaculture 37(4):50-57 + cover photo.
- Resma, S.E., J.T. DeAlteris, and M.A. Rice. (2006). Size selectivity of purse seines in the southern Philippine multispecies tuna fisheries. Journal of Aquatic Science 3:1-21.
- Marroquin-Mora, D.C. and M.A. Rice. (2008). Gonadal cycle of northern quahogs, *Mercenaria mercenaria* (Linne, 1758), from fished and non-fished subpopulations in Narragansett Bay. Journal of Shellfish Research 27:643-652.
- La Valley, K., J.T. DeAlteris, M.A. Rice, and M. Gomez-Chiarri. (2008). North Atlantic *Vibrio vulnificus* surveillance from post-harvest oysters at a U.S. shellfish processing facility. Journal of Food Service 19(4):234-237. 2008.

- La Valley K.J., S. Jones, M. Gomez-Chiarri, J. Dealteris, and M.A. Rice. (2009). Bacterial Community Profiling of the Eastern Oyster (*Crassostrea virginica*): Comparison of Culture-Dependent and Culture-Independent Outcomes. *Journal of Shellfish Research* 28 (4): 827-835
- Rice, M.A., F.S. Darboe, O. Drammeh, and K. Babanding. (2012). Aquaculture in The Gambia. *World Aquaculture*. 43(2):29-33, 71.
- Rice, M.A. (2012). Bivalvia. pp. 146-150. In: Vol. 3, McGraw-Hill Encyclopedia of Science and Technology, 11<sup>th</sup> Edition. McGraw-Hill, New York. [ISBN 978-0-07177-834-3](#).
- Iba, W., M.A. Rice, and G.H. Wikfors. (2014). Microalgae in Eastern Pacific White Shrimp, *Litopenaeus vannamei* (Boone 1931) hatcheries: A Review on Roles and Culture Environments. *Asian Fisheries Science* 27:212-233.
- Rice, M.A. (2014). Extension programming in support of public policy for the management of aquaculture in common water bodies. *Aquacultura Indonesiana* 15(1):26-31.
- Iba, W. and M.A. Rice (2015). Isolation, and characterization of microalgae strains for live food in Sulawesi, Indonesia. *World Aquaculture* 46(2):34-37.
- Rice, M.A., F. Conteh, K. Kent, B. Crawford, B. Banja, F. Janha, and I. Bojang. (2015). Establishing a national shellfish sanitation program in The Gambia, West Africa. *West African Journal of Applied Ecology* 23(1):1-20.
- Rice, M.A., P.D. Rawson, A.D. Salinas, and W.R. Rosario. (2016). Identification and salinity tolerance of the western hemisphere mussel *Mytella charruana* (d'Orbigny 1842) in the Philippines. *Journal of Shellfish Research* 35(4):865-873.
- Iba, W., M.A. Rice, L. Maranda and G. H. Wikfors. (2018). Growth characteristics of newly isolated Indonesian microalgae under different salinity. *Indonesian Aquaculture Journal* 13(2):71-81.
- Ohee, H., N. Mote, M.A. Rice, and P. Sujarta. (2020). Sex ratio and reproduction of invasive red devil cichlid, *Amphilophus labiatus* Günther 1864 in Lake Sentani, Indonesia. *Lakes & Reservoirs* 25(3):1-12. DOI:10.1111/lre.12332
- Rice, M.A. (2020). Ecosystem services and United Nations sustainable development goals: Examining estuarine aquaculture the Philippines. Chapter 2. pp. 16-26. In: A. Mitra, M.M. Calma, S.P. Chakrabarty, S. Zeman and P. Pramanick (eds.). *Natural Resources and their Ecosystem Services: Proceeding on "Ecosystem Services and United Nations Sustainable Development Goals" Celebrating the World Environment Day, 5th June 2020*. University of Calcutta/HSRA Publications, Bangalore.
- Taskov, D.A., Murray, F.J., Telfer, T., Bengtson, D.A., Rice, M.A., Kamal, M.M., Desyana, C., Little, D.C. (2021). Managing aquaculture in multi-use freshwater bodies: the case of Jatiluhur reservoir. *Environmental Research Letters* 16:044022
- Setyawan, A., M.A. Rice, F. Satria, and A. Widodo. (2021). Estimates of length-based population parameters of skipjack tuna, *Katsuwonus pelamis* (Linnaeus 1798) from pole & line fishery in Maumere-Sikka, Indonesia. *Indonesian Fisheries Research Journal* 27(1):37-49.
- Rice, M.A. (2021). Intensive fishing effort and market controls as management tools for invasive aquatic species: A review. *Asian Fisheries Science* 34(4):383-392.

#### Technical Reports, Proceedings, Extension Fact Sheets and Non-Peer Reviewed Articles

- Rice, M.A. (1988). A Trilingual Dictionary of Fisheries, Aquaculture and Nautical Terminology from Northern Luzon, Philippines: Ilokano-English-Tagalog. Special Publication No. 1 in Fisheries and Aquaculture, University of Rhode Island, 72 pp.
- Rice, M.A. (1990). Aquaculture of bivalve molluscan shellfish in tropical and subtropical developing countries with special reference to sanitary water quality, monitoring systems and depuration. FDSS Working Paper # 25, International Center for Marine Resources Development, University of Rhode Island, Kingston. 34pp.
- Rice, M.A., R.B. Rheault, M.S. Perez, and V.S. Perez. (1994). Experimental culture of moon scallops, *Amusium pleuronectes*, in Ulugan Bay, Palawan, Philippines. In: N.F. Bourne, B.L. Bunting, and L.D. Townsend (eds.), *Proceedings of the Ninth International Pectinid Workshop, Volume 2*. Canadian Technical Report on Fisheries and Aquatic Sciences, Department of Fisheries and Oceans, Ottawa. 217pp.
- Rice, M.A. (1996). Aquaculture: A worldwide growth response to declining fisheries stocks. pp. 2-4 In C.A. Castro and S.J. Soares (eds.). *Proceedings of the Symposia on the Potential for the Development of Aquaculture in Massachusetts*. National Marine Fisheries Service Technical Memorandum No. NMFS-NE-109.
- Rice, M.A. (1996). Aquaculture. Fact Sheet #P-1415, Rhode Island Sea Grant, University of Rhode Island, Narragansett. 2pp.

- DeAlteris, J.T. and M.A. Rice. (1997). Transient gear shellfish aquaculture to enhance the wild stock fishery. Proceedings of the World Fisheries Congress, Brisbane Australia, 1996.
- Mugg, J., A. Serrano, A. Liberti, and M.A. Rice. (2000). Aquaculture effluents: A guide for aquaculturists and water quality regulators. Publication 00-003, Northeastern Regional Aquaculture Center, University of Massachusetts, Dartmouth. 12 pp.
- Rice, M.A. (2001). Environmental impacts of shellfish aquaculture: Filter feeding to control eutrophication. Pp. 77-86. In: M.F. Tlusty, D.A. Bengtson, H.O. Halvorson, S.D. Oktay, J.B. Pearce and R.B. Rheault, Jr. (eds.) Marine Aquaculture and the Environment: A Meeting for Stakeholders in the Northeast. Cape Cod Press, Falmouth, MA. 316pp.
- Rice, M.A. (2007). A brief history of oyster aquaculture in Rhode Island. pp. 24-38. In: D. Alves. Aquaculture in Rhode Island: 2006 Yearly Status Report. Rhode Island Coastal Resources Management Council, Stedman Government Center, Wakefield, RI. 50pp.
- Rice, M.A. (2011). Status Report on Bivalve Aquaculture and Water Quality Activities. Gambia-Senegal Sustainable Fisheries Project, Coastal Resources Center, University of Rhode Island, Narragansett. 12p.
- Babanding, K. and M.A. Rice. (2011). Results of a Preliminary Shoreline Shellfish Sanitary Survey near Banjul, Gambia Conducted on 18 June 2011. Gambia-Senegal Sustainable Fisheries Project, Coastal Resources Center, University of Rhode Island. 6pp.
- USAID/Ba Nafaa Project (2012). Sanitary Shoreline Survey within the Tanbi Wetlands National Park and Other Shellfish Harvesting Communities. Gambia-Senegal Sustainable Fisheries Project and the Coastal Resources Center, University of Rhode Island, Narragansett. 38pp.
- Rice, M.A., S.R. Rodrigues and K. Venturini (2014). Philosophical & Institutional Innovations of Kenyon Leech Butterfield and the Rhode Island Contributions to the Development of Land Grant and Sea Grant Extension. Century Beyond the Campus: Past, Present, and Future of Extension A Research Symposium to Mark the 100th Anniversary of the Smith-Lever Act September 24 – 25, 2014, West Virginia University, Morgantown.
- Rice, M.A. (2019). The Shellfish Corner -- Merrior - The Good Flavors of Oysters. Aquaculture Magazine 45(2):66-69. (Apr/May 2019).
- Rice, M.A. (2019). The Shellfish Corner -- Sustainability and the Precautionary Principle. Aquaculture Magazine 45(4):72-75. (Aug/Sep 2019).
- Northrup, D. and M.A. Rice. (2020). Total Organic Carbon in Sediments around Aquaculture Farms in Coastal Rhode Island. Rhode Island Cooperative Extension White Paper Series: No. 2020-1, College of the Environment and Life Sciences, University of Rhode Island. 9pp.
- Parker, M., L.M. Calvo, C Davis, E.A. Fairchild, B.S. Gennaco, D. McIntosh, G. Ozbay, M.A. Rice, D. Ward and D. Webster. (2020). Barriers to Entry in the Northeast US Aquaculture Industry. Technical Report. Northeast Regional Aquaculture Center, University of Maryland, College Park. 70pp.

#### Short Articles & Popular Press

- Rosario, W.M., N. Poquiz and M.A. Rice. (1982). Oyster depuration: one answer to polluted estuaries. International Center for Living Aquatic Resources Management Newsletter 5(3):14.
- Rice, M.A. (1997). Aquaculture in the Philippines. Commentary March 19, 1997 *Providence Journal Bulletin*.
- Rice, M.A. (2001). Lessons aplenty from the caviar crisis. Commentary July 8, 2001. *Providence Journal Bulletin*.
- Rice, M.A. (2006). URI work helped put ‘a chicken in every pot’. Commentary October 12, 2006 p. A11. *South County Independent*, Wakefield, RI.
- Rice, M.A. (2006). Pollution cost the Navy \$1.4 million. Commentary November 20, 2006. *Providence Journal Bulletin*.
- Rice, M.A. (2007). On the wealth of Deacon Edmund Rice. Edmund Rice (1638) Association Newsletter 81(4):19. (Fall, 2007).
- Rice, M.A. (2008). Noah Rice of Saratoga County, New York: A “lost” descendant of Edmund Rice. Edmund Rice (1638) Association Newsletter 82(1):20-23. (Winter, 2008).
- Rice, M.A. (2008). Energy bill deserves support. Commentary July 31, 2008. p. A10. *South County Independent*, Wakefield, RI.
- Rice, M.A. (2008). Much at stake in URI Funding. Commentary, August 28, 2008. p. A11. *South County Independent*, Wakefield, RI.

## ACADEMIC COURSES TAUGHT

- Taught course: Introductory Aquaculture (AFS 102), Spring 2002; Spring 2003; Spring 2004; Spring 2005; Spring 2006; Spring 2007; Spring 2008; Spring 2009; Spring 2010; Spring 2011; Spring 2012; Spring 2013; Spring 2014; Spring 2015; Spring 2016 University of Rhode Island
- Taught course: Introductory Aquaculture Laboratory (AFS 104), Spring 2008; Spring 2009; Spring 2010; Spring 2011; Spring 2012; Spring 2013; Spring 2014; Spring 2015; Spring 2016 University of Rhode Island.
- Taught course: Food from the Sea Laboratory (AFS 106), Fall 2017; Fall 2018; Fall 2019 University of Rhode Island
- Taught course: Introductory Fisheries Laboratory (AFS 121), Fall 2008; Fall 2009; Fall 2010, Fall 2011, Fall 2012, Fall 2013; Fall 2014; Fall 2015; Fall 2016 University of Rhode Island
- Taught course: Introduction to the Marine Environment Lab (AFS 211), Spring 2009; Spring 2010; Spring 2011; Spring 2012; Spring 2013; Spring 2014; Spring 2015; Spring 2016 University of Rhode Island
- Taught course: Animal Agriculture, Food Policy & Society (AFS/AVS 132), Spring 2010; Spring 2011; Spring 2012; Spring 2013; Spring 2014; Spring 2015; Spring 2016 University of Rhode Island
- Taught course: Sustainable Agriculture and Food Systems (AFS/AVS/PLS 132G), Spring 2017; Spring 2018; Fall 2018; Spring 2019; Fall 2019; Spring 2020, Honors Section Fall 2020, Spring 2022 University of Rhode Island.
- Taught course: Introduction to Marine and Freshwater Science (FST 200), Spring, 1989, University of Rhode Island.
- Taught course: Shellfish Aquaculture (AFS 201) Fall 2002, Fall 2003; Fall 2004; Fall 2005; Fall 2006; Fall 2007; Fall 2008; Fall 2009; Fall 2010; Fall 2011; Fall 2012; Fall 2013; Fall 2014; Fall 2015; Fall 2016; Fall 2017; Fall 2018; Fall 2019; Fall 2020; Fall 2021; Fall 2022 University of Rhode Island.
- Taught course: Introductory Aquaculture Simulation Laboratory (ASP 282), Fall 1995, Fall 1997, Fall 1998, Fall 1999; Fall 2000; Spring 2001; Spring 2002 University of Rhode Island.
- Taught course: Introductory Aquaculture (ASP 281), Fall 1989; Fall, 1990; Fall 1991; Fall 1992; Fall 1993; Fall 1994; Fall 1995; Fall 1997; Fall 1998; Fall 1999; Fall 2000; Spring 2001 University of Rhode Island
- Taught course: Crustacean Aquaculture (AFS 362) Spring 2003; Spring 2004; Spring 2006; Fall 2008; Fall 2010, Fall 2011, Fall 2013; Fall 2015; Spring 2018; Spring 2019; Spring 2021 University of Rhode Island
- Taught course: Bivalve Molluscan Growout Techniques (ASP481X), Fall 1989, University of Rhode Island
- Taught course: Shellfish Aquaculture (ASP 381), Spring 1990; Spring, 1991; Spring, 1992; Spring 1993; Spring 1994; Spring 1995; Spring 1996; Spring 1998; Spring 1999; Spring 2000; University of Rhode Island
- Taught course: Fisheries Science Laboratory (AFS 416), Fall 2008; Fall 2010; Fall 2012 University of Rhode Island.
- Taught course: Aquaculture and the Environment (AFS 425), Spring 2017; Fall 2018 University of Rhode Island
- Taught course: Shellfish Aquaculture Laboratory (ASP/AFS 481), Fall 1991; Fall 1993; Fall 1995; Fall, 1998; Fall, 1999; Fall 2001; Fall 2007 University of Rhode Island
- Taught Course: Aquatic Food Production in the Philippines (AFS440) at the Philippine Bureau of Fisheries and Aquatic Resources National Integrated Fisheries Research and Development Center/Asian Fisheries Academy, Bonuan-Binloc, Dagupan City Philippines, January, 2015; January 2017; January 2018; January 2019.
- Taught course: Current Topics in Molluscan Aquaculture (ASP/AFS 581), Fall, 1990; Fall 1992; Fall 1994, Fall, 1997; Spring 1999; Spring 2000; Fall 2000; Fall 2002; Spring 2005; Fall 2006; Spring 2008; Fall 2009; Fall 2011; Fall 2012; Spring 2016; Fall 2017; Spring 2020 University of Rhode Island
- Taught course: Traditions and Transformations: Freshman Seminar (URI 101), Fall 2000; Fall 2001; Fall 2002; Fall 2003; Fall 2004; Fall 2005; Fall 2006; Fall 2007; Fall 2008 University of Rhode Island
- Taught section of Summer Course: Advances in Mariculture, Summer 1993; Summer 1995, Marine Biological Laboratory, Woods Hole
- Taught course: Aquatic Biology (BSF311), Summer 1996, Don Mariano Marcos Memorial State University, La Union, Philippines
- Taught course: Introductory Oceanography (BSF 301), Winter 1996-97, Don Mariano Marcos Memorial State University, La Union, Philippines.
- Taught course: Health Management in Aquaculture (BSF 420), Winter 1996-97, Don Mariano Marcos Memorial State University, La Union, Philippines.
- Taught course: Molluscan Biology & Aquaculture (MSC 511), Summer 1997, University of San Carlos, Cebu City, Philippines.
- Taught course: Anatomy and Physiology (AVS 331), Fall 2003; Fall 2004; Fall 2005 University of Rhode Island.
- Taught course: Molluscan Aquaculture (MSC 206), Summer 2006, University of San Carlos, Cebu City, Philippines.

Taught course: Honors in Social Sciences--Animal Agriculture Food Policy & Society (HPR110), Spring 2010  
University of Rhode Island  
Taught course: Introduction to Issues in International Development (MAF 350/NRS 300), Fall 2019; Fall 2020

### HONORS AND AWARDS

Elected to Beta Beta Beta National Biological Honor Society, 1977  
California Sea Grant Traineeship, 1980-1981, 1985-1987  
Elected to Sigma Xi, The Scientific Research Society, 1995  
J. William Fulbright Senior Teaching & Research Fellowship (Republic of the Philippines) 1996-1997  
Citation for Outstanding Contributions to the Philippine Aquaculture Community by the Philippine Department of Agriculture (May, 1997)  
J. William Fulbright Southeast Asia Regional Lecturing Fellowship (Republic of Indonesia) -- May-June 1997  
Citation for Outstanding Contributions in Aquaculture Research, Teaching and Extension by the Rhode Island House of Representatives and the Rhode Island Secretary of State, 1999.  
Citation of Congratulations for Appointment as Chairman of the Department of Fisheries, Animal & Veterinary Science at the University of Rhode Island by the Rhode Island House of Representatives and the Rhode Island Secretary of State, 2000.  
Citation of Appreciation from the Cooperative States Research, Education and Extension Service, USDA for excellence in service to the National Aquaculture Effluents Task Force. 23 Aug 2004.  
J. William Fulbright Distinguished Senior Specialist Fellowship (Republic of the Philippines) -- May-July 2006  
Citation of Recognition from the National Marine Fisheries Service for Contributions to Aquaculture Research, Instruction and Outreach. 24 Feb 2007  
Citation of Appreciation from the Alfred P. Sloan Foundation 28 Sept 2007 for work to advance underrepresented minorities in the sciences.  
Commissioned as a *Rhode Island Commodore* 18 May 2011 by Rhode Island Governor Lincoln Chafee  
Bronze Medalist 2017. Presidential Volunteer Service Award and Citation, Points of Light Foundation & Presidential Volunteer Service Corporation  
Outstanding Leadership and Service Commendation. 24 November 2018. Jointly awarded by the Society of Aquaculture Engineers of the Philippines, Philippine Aquaculture Society, and the Philippine Bureau of Fisheries and Aquatic Resources, Philippine Department of Agriculture. At the National Integrated Fisheries Research and Development Center, Bureau of Fisheries and Aquatic Resources, Bonuan Binloc, Dagupan City, Philippines.  
Sheila Black Grubman Award for Faculty Outstanding Service. 13 May 2021. Annual joint award from University of Rhode Island Provost and Faculty Senate for outstanding service contributions to the university.  
Service Excellence Award. 5 May 2022. College of the Environment and Life Sciences, University of Rhode Island.