

**SEAFDEC AQD Award Winning Research Papers and other Achievement Awards
(1987-2005)**

- 1987 ICLARM. **NAGA Award for Best Scientific Paper**
Gonzal AC, Aralar EV, Pavico JMF. 1987. The effects of water hardness on the hatching and viability of silver carp (*Hypophthalmichthys molitrix*) eggs. *Aquaculture* 64:111-118.
- 1987 Department of Science and Technology (DOST) - Philippine Council for Aquatic and Marine Research and Development (PCAMRD). **1st Dr. Elvira O. Tan Memorial Award for Fisheries Research. Best Research Paper**
Baticados MCL, Coloso RM, Duremdez RC. 1986. Studies on the chronic soft-shell syndrome in the tiger prawn, *Penaeus monodon* Fabricius, from brackishwater ponds. *Aquaculture* 56:271-285.
- 1988 DOST-PCAMRD. **2nd Dr. Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture/Inland Fisheries**
Millamena OM, Primavera JH, Pudadera RA, Caballero RV. 1986. The effect of diet on reproductive performance of pond-reared *Penaeus monodon* Fabricius broodstock. *In: Maclean JL, Dizon LB, Hosillos LV (eds.). The First Asian Fisheries Forum. Proceedings of the First Asian Fisheries Forum; 26-31 May 1986; Manila, Philippines. Manila, Philippines: Asian Fisheries Society; pp. 593-596.*
Piedad-Pascual F. 1986. Effect of supplemental lecithin and lipid sources on the growth and survival of *Penaeus monodon* juveniles. *In: Maclean JL, Dizon LB, Hosillos LV (eds.). The First Asian Fisheries Forum. Proceedings of the First Asian Fisheries Forum; 26-31 May 1986; Manila, Philippines. Manila, Philippines: Asian Fisheries Society; pp. 615-618.*
- 1988 American Institute of Nutrition. **Best Research Paper.**
Coloso RM, Stipanuk MH. 1989. Metabolism of cyst(e)ine in rat enterocytes. *J. Nutr.* 119:1914-1924.
- 1989 70th Annual Meeting of the Western Society of Naturalists. Tacoma, Washington, U.S.A. **1st Place, Outstanding Paper Award.**
Bagarinao TU. Sulfide tolerance and detoxification in coastal marine fishes.
- 1989 Department of Agriculture (DA) - Bureau of Agricultural Research (BAR). **Best Research Paper Award for Fisheries and Aquatic Resources Category**
Lavilla-Pitogo CR, Baticados MCL, Cruz-Lacierda ER, de la Peña LD. 1990. Occurrence of luminous bacterial disease of *Penaeus monodon* larvae in the Philippines. *Aquaculture* 91:1-13.
- 1990 DA-BAR. **Best Research Paper Award, Socio-economics Category**
Agbayani RF, Baliao DD, Franco NM, Ticar RB, Guanzon NG Jr. 1989. An economic analysis of the modular pond system of milkfish production in the Philippines. *Aquaculture* 83:249-260.
- 1991 DA-BAR. **Best Research Paper Award for Aquaculture Engineering Category**
Millamena OM, Casalmir CM, Subosa PF. 1991. Performance of recirculating systems for prawn hatchery and broodstock maturation tanks. *Aquacult. Eng.* 10:161-171
- 1991 DA-BAR. **Best Research Paper Award, 1st Place for Fisheries and Aquatic Resources Category**
Hurtado-Ponce AQ. 1990. Vertical rope cultivation of *Gracilaria* (Rhodophyta) using vegetative fragments. *Bot. Mar.* 33:447-481.

- 1991 DA-BAR. **Best Research Paper Award, 2nd Place** for **Fisheries and Aquatic Resources** Category
Santiago CB, Aldaba MB, Laron MA, Reyes OS. 1988. Reproductive performance and growth of Nile tilapia (*Oreochromis niloticus*) broodstock fed diets containing *Leucaena leucocephala* leaf meal. *Aquaculture* 70:53-61.
- 1991 DA-BAR. **Best Research Paper Award, 2nd Place** for **Socio-economics** Category
Agbayani RF, Baliao DD, Samonte GPB, Tumaliuan RE, Caturao RD. 1990. Economic feasibility analysis of the monoculture of mudcrab (*Scylla serrata*) Forsskal. *Aquaculture* 91:223-231.
- 1991 DOST-PCAMRD. **5th Dr. Elvira O. Tan Memorial Award** for **Fisheries Research. Best Paper for Aquaculture**
Bautista MN, Millamena OM, Kanazawa A. 1989. Use of kappa-carrageenan microbound diet (C-MBD) as feed for *Penaeus monodon* larvae. *Mar. Biol.* 103:169-173.
- 1992 DA-BAR. **Best Research Paper Award** in **Fisheries and Aquatic Resources** Category.
Fermin AC. 1991. LHRH-a and domperidone-induced oocyte maturation and ovulation in bighead carp, *Aristichthys nobilis* (Richardson). *Aquaculture* 93:87-94
- 1992 DA-BAR. **Best Research Paper Award, 2nd Place** in **Socio-economics** Category,
Samonte GPB, Hurtado-Ponce AQ, Caturao RD. 1993. Economic analysis of bottom line and raft monoline culture of *Kappaphycus alvarezii* var. *tambalang* in Western Visayas, Philippines. *Aquaculture* 110:1-11.
- 1992 DOST-PCAMRD. **6th Dr. Elvira O. Tan Memorial Award** for **Fisheries Research. Best Paper for Aquaculture**
Sumagaysay NS, Marquez FE, Chiu-Chern YN. 1991. Evaluation of different supplemental feeds for milkfish (*Chanos chanos*) reared in brackishwater ponds. *Aquaculture* 93:177-189.
- 1992 National Academy of Science and Technology (NAST). Philippine Science Talent Search: **Special Citation Award**
Sumagaysay NS.
- 1993 ICLARM. **NAGA Award** for **Best Scientific Paper**
Bautista AMa, Carlos MH, San Antonio AI. 1988. Hatchery production of *Oreochromis niloticus* L. at different sex ratios and stocking densities. *Aquaculture* 73:85-95.
- 1993 DA-BAR. **Best Paper Presenter**
Emata AC. Milkfish Broodstock Management
- 1993 DOST-PCAMRD. **7th Dr. Elvira O. Tan Memorial Award** for **Best Published Paper in Aquaculture**
Eusebio PS. 1991. Effect of dehulling on the nutritive value of some leguminous seeds as protein sources for tiger prawn, *Penaeus monodon*, juveniles. *Aquaculture* 99:297-308.
- 1994 DA-BAR. **3rd Annual Research Review for the Fisheries Sector Program for Best Paper Presentation Award.**
Coloso RM. Feed Development for Sea Bass (*Lates calcarifer* Bloch) Juveniles Based on Inexpensive and Indigenous Ingredients.

- 1994 DOST-PCAMRD. **8th Dr. Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture**
 Honculada-Primavera J, Lavilla-Pitogo CR, Ladja JM, de la Peña MR. 1993. A survey of chemical and biological products used in intensive prawn farms in the Philippines. *Mar. Poll. Bull.* 26:35-40.
- 1995 DOST-PCAMRD. **9th Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture**
 Romana-Eguia, M.R.R. and Doyle R.W. 1992. Genotype-environment interaction in the response of three strains of Nile tilapia to poor nutrition. *Aquaculture* 108: 1-12.
- 1995 DA-BAR. **4th Annual Research Review of the Fisheries Sector Program - National Fisheries Research Program for Best Research Project Presenter.**
 Quintio GF. Breeding of Grouper in Captivity.
- 1995 87th American Oil Chemist' Society Annual Meeting. San Antonio, Texas, U.S.A. **Outstanding Paper Presentation/Honored Student Award.**
 Parazo MM. Selective incorporation of alpha-and gamma tocopherols in tissues of Atlantic salmon, *Salmon salar*.
- 1996 DOST-PCAMRD. **10th Dr. Elvira O. Tan Memorial Award for Fisheries Research. Best Paper in Aquaculture**
 de Castro TR, Guanzon NG Jr. 1993. Growth of *Gracilaria* sp. (Gracilariales, Rhodophyta) in brackishwater ponds at different stocking densities. *Isr. J. Aquacult.-Bamidgeh* 45:89-94
- 1996 DOST-PCAMRD. **10th Dr. Elvira O. Tan Memorial Award for Best Published Paper in Marine Fisheries.**
 Amar EC, Cheong RMT, Cheong MVT. 1996. Small-scale fisheries of coral reefs and the need for community-based resource management in Malalison Island, Philippines. *Fisheries Research* 25:265-277.
- 1997 DOST-PCAMRD. **11th Elvira O. Tan Memorial Award for Aquaculture**
 Santiago AE, Arcilla RP. 1993. Tilapia cage culture and the dissolved oxygen trends in Sampaloc Lake, the Philippines. *Environ. Monitor. Assess.* 24:243-255.
- 1997 DOST-PCAMRD. **11th Elvira O. Tan Memorial Award for Aquaculture Special Award.**
 Santiago CB, Reyes OS. 1993. Effects of dietary lipid sources on reproductive performance and tissue lipid levels of Nile tilapia *Oreochromis niloticus* (Linnaeus) broodstock. *J. Appl. Ichthyol.* 9:33-40.
- 1998 DOST-PCAMRD. **12th Dr. Elvira O. Tan Memorial Award for Fisheries Research. Best Paper in Aquaculture.**
 Golez NV, Kyuma K. 1997. Influence of pyrite oxidation and soil acidification on some essential nutrient elements. *Aquacult. Eng.* 16:107-124.
- 1999 DOST-UNDP (GAINEX) Project. **Certificate of Achievement**
 Toledo JD. Milkfish Broodstock Development and Fry Production.
- 1999 National Centennial Commission Women Sector. **Gawad Sentenaryo: Kababaihang Makasaysayan.**
 Century Park Hotel, Manila
 Honculada-Primavera J.

- 1999 University of the Philippines, Diliman, Quezon City. **Gawad Chanselor Award as Most Outstanding Graduate Student (Science and Technology Cluster)**,
Sumagaysay NS.
- 2000 DOST-PCAMRD. **14th Dr. Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture**
Primavera JH. 1998. Tropical Shrimp Farming and its Sustainability. De Silva SS (ed.). Tropical Mariculture. London: Academic Press; pp. 257-289.
- 2000 DOST-PCAMRD. **14th Dr. Elvira O. Tan Memorial Award for Best Published Paper in Marine Fisheries Category**
Baticados DB, Agbayani RF, Gental FE. 1998. Fishing cooperatives in Capiz, Central Philippines: their importance in managing fishery resources. Fisheries Research 34:137-149.
- 2001 DA-BAR. **DA Secretary's Award for R&D Paper Published in an International Refereed Scientific Journal**
Garcia LMB, Hilomen-Garcia GV, Emata AC. 2000. Survival of captive milkfish *Chanos chanos* Forsskal broodstock subjected to handling and transport. Aquac. Res. 31:575-583.
Lio-Po GD, Traxler GS, Albright LJ, Leaño EM. 2000. Characterization of a virus obtained from snakeheads *Ophicephalus striatus* with epizootic ulcerative syndrome (EUS) in the Philippines. Disease Aquat. Org. 43:191-198.
Lio-Po GD, Albright LJ, Traxler GS, Leaño EM. 2001. Pathogenicity of the epizootic ulcerative syndrome (EUS)-associated rhabdovirus to snakehead *Ophicephalus striatus*. Fish Pathol. 36:57-66.
Millamena OM, Quintio ET. 2000. The effects of diets on reproductive performance of eyestalk ablated and intact mud crab *Scylla serrata*. Aquaculture 181:81-90.
Primavera JH, Quintio ET. 2000. Runt-deformity syndrome in cultured giant tiger prawn *Penaeus monodon*. J. Crustacean Biol. 20:796-802.
Santiago, CB, Gonzal AC. 2000. Effect of prepared diet and vitamins A, E and C supplementation on the reproductive performance of cage-reared bighead carp *Aristichthys nobilis* (Richardson). J. Appl. Ichthyol. 16: 8-13.
- 2001 DA-BAR. **BAR Director's Award for R&D Paper Published in an International Refereed Scientific Journal**
Quintio ET, Parado-Esteba FD, Millamena OM, Rodriguez EM. 2001. Seed production of mud crab *Scylla serrata*. Asian Fisheries Science 14:161-174.
- 2001 DA-BAR. **R&D Paper Award for Unpublished Paper Category**
Millamena OM. Replacement of fishmeal by animal by-product meals in a practical diet for grow-out culture of grouper *Epinephelus coioides*.
- 2001 DOST-PCAMRD. **15th Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture**
Basiao ZU and Doyle RW. 1999. Test of size-specific mass selection for Nile tilapia, *Oreochromis niloticus* L., cage farming in the Philippines. Aquaculture Research 30:373-378.
- 2001 DOST-PCAMRD. **15th Elvira O. Tan Memorial Award for Best Published Paper in Marine Fisheries**
Ahmed M, Magnayon-Umali GA, Valmonte-Santos RA, Toledo J, Lopez N, Torres F Jr. 2001. Bangus Fry Resource Assessment in the Philippines. ICLARM Technical Report 58.

- 2001 SANTEH Feeds Corporation and Marine Technology Foundation, Inc. **Fish for Every Filipino Award, Most Outstanding Researcher for Marine/Brackishwater Research (Fish Nutrition).**
Millamena OM.
- 2001 DA-Bureau of Fisheries and Aquatic Resources (BFAR)-Central Office. **Recognition Award for Support & Assistance on the Sustainable Development of Philippine Aquaculture.**
Platon RR.
- 2002 DA-BAR. **DA Secretary's Award.** R&D Paper Published in an Institute for Scientific Information-Current Content Journal
Bautista-Teruel MN, Millamena OM, Fermin AC. 2001. Reproductive performance of hatchery-bred donkey's ear abalone, *Haliotis asinina*, Linne, fed natural and artificial diets. Aquaculture Research 32:249-254
Borlongan IG, Satoh S. 2001. Dietary phosphorus requirement of juvenile milkfish, *Chanos chanos* (Forsskal). Aquac. Res. 32:26-32.
Lantin-Olaguer I, Bagarinao TU. 2001. Gonadal maturation, fecundity, spawning and timing of reproduction in the mud snail, *Cerithidea cingulata*, a pest in milkfish ponds in the Philippines. Invertebr. Reprod. Dev. 39:195-207.
Madrone-Ladja JA, de la Peña MR, Parami NP. 2002. The effect of micro algal diet and rearing condition on gonad maturity, fecundity, and embryonic development of the window-pane shell, *Placuna placenta*, Linnaeus. Aquaculture 206:213-321.
Santiago CB, Laron MA. 2002. Growth and fry production of Nile tilapia, *Oreochromis niloticus* (L.) on different feeding schedules. Aquaculture Research 33:129-136.
Toledo JD, Caberoy NB, Quintio GF, Choresca CH, Nakagawa H. 2002. Effects of salinity, aeration and light intensity on oil globule absorption, feeding incidence, growth and survival of early-stage grouper *Epinephelus coioides* larvae. Fisheries Science 68:478-483.
- 2002 DA-BAR. **BAR Director's Award for R&D Paper Published in an International Refereed Scientific Journal**
Madrone-Ladja JA, Polohan BB. 2001. The effect of stocking density, temperature and light on the early larval survival of the abalone, *Haliotis asinina* Linne. In: Proceedings of the 11th International Congress and Workshop of the Tropical Marine Mollusc Programme (TMMP) 28 Sept – 8 Oct 2000. Kodaikanal, Rameswaram and Tuticorin, Tamilnadu, India. Phuket Marine Biological Center Special Publication 25:207-210.
Millamena OM, Bangcaya JP. 2001. Reproductive performance and larval quality of pond-raised *Scylla serrata* females fed various broodstock diets. In: Millamena OM, Quintio ET, Blackshaw A (eds.). International Forum on the Culture of Portunid Crabs (IFCPC). Proceedings of the International Forum on the Culture of Portunid Crabs; 1-4 December 1998; Boracay, Aklan, Philippines. Asian Fish. Sci. 14:153-160.
- 2002 DA-BAR. **Outstanding R&D Paper Award for Unpublished Paper Upstream Category.**
Basiao ZU, Eguia RV. Genetic variation in the response of Nile tilapia fry to salinity stress in the presence of an "internal reference" fish
- 2002 DA-BAR. **Outstanding R&D Paper Award for Unpublished Paper Downstream Category.**
Basiao ZU. Farm-based approach to tilapia broodstock improvement in the Philippines.

- 2002 DA-BAR. **Best R&D Paper Award for Unpublished Paper** Category.
Emata AC. Induced and Natural Spawning of Mangrove Red Snapper, *Lutjanus argentimaculatus*: A Potential Candidate for Mariculture
- 2002 DA-BAR. **AFMA R&D Paper Award - Fisheries & Marine Sciences for Unpublished Papers**
Downstream Category. .
Emata AC, Borlongan IG. Reproductive Performance of the Mangrove Red Snapper, *Lutjanus argentimaculatus*, Fed Broodstock Diet
Reyes OS, Duray MN, Santiago CB, Ricci M. Free-living nematode *P. redivivus* as alternative live food for grouper *Epinephelus coioides* (Hamilton) larvae.
- 2002 World Aquaculture Society, Asia-Pacific Chapter. World Aquaculture 2002, Beijing, China. **Best Student Abstract.**
Sumagaysay-Chavoso NS. Water quality and holding capacity of intensive and semi-intensive milkfish (*Chanos chanos*) ponds.
- 2002 Swedish Royal Academy on Agriculture and Forestry. **Foreign Member, General Section**
Honculada-Primavera J.
- 2003 DA-BAR. **DA Secretary's Award.** R&D Paper Published in an Institute for Scientific Information-Current Content Journal.
Bautista-Teruel MN, Eusebio PS, Welsh TP. 2003. Utilization of feed pea, *Pisum sativum*, meal as protein source in practical diets for juvenile shrimp, *Penaeus monodon*. Aquaculture 225:121-131
Bautista-Teruel MN, Fermin AC, Koshio SS. 2003. Diet development and evaluation for juvenile abalone *Haliotis asinina*: animal and plant protein sources. Aquaculture 219:645-653.
Bombero RF, Fermin AC, Tan-Fermin JD. 2002. Nursery rearing of the Asian catfish, *Clarias macrocephalus* (Gunther), at different stocking densities in cages suspended in tanks and ponds. Aquacult. Res. 33:1031-1036.
Borlongan IG, Eusebio PS, Welsh T. 2003. Potential of feed pea (*Pisum sativum*) meal as a protein source in practical diets for milkfish (*Chanos chanos* Forsskal). Aquaculture 225:89-98.
Catacutan MR, Eusebio PS, Teshima S. 2003. Apparent digestibility of selected feedstuffs by mud crab, *Scylla serrata*. Aquaculture 216:253-261.
Coniza EB, Catacutan MR, Tan-Fermin JD. 2003. Growth and yield of Asian catfish *Clarias macrocephalus* (Gunther) fed different grow-out diets. Isr. J. Aquacult.-Bamidgheh 55:53-60.
Cuvin-Aralar ML, Fastner J, Focken U, Becker K, and Aralar EV. 2002. Microcystins in natural blooms and laboratory cultured *Microcystis aeruginosa* from Laguna de Bay, Philippines. Systematic and Applied Microbiology 25:179-182.
Estudillo CB, Duray MN. 2003. Transport of hatchery reared and wild grouper larvae, *Epinephelus sp.* Aquaculture 219:279-290.
Eusebio PS, Coloso RM. 2002. Proteolytic enzyme activity of juvenile Asian seabass, *Lates calcarifer* is increased with protein intake. Aquac. Res. 33:569-574.
Fermin AC. 2002. Effects of alternate starvation and refeeding cycles on food consumption and compensatory growth of abalone, *Haliotis asinina* (Linnaeus). Aquac. Res. 33:197-202.
Fermin AC, Buen SM. 2001/2002. Grow-out culture of tropical abalone, *Haliotis asinina* (Linnaeus) in suspended mesh cages with different shelter surface areas. Aquacult. Int. 9:499-508.
Hurtado AQ, Cheney DP. 2003. Propagule production of *Eucaema denticulatum* (Burman) Collins et Harvey by tissue culture. Bot. Mar. 46:338-341.

- Madrones-Ladja JA. 2002. Salinity effect on the embryonic development, larval growth and survival at metamorphosis of *Placuna placenta* Linnaeus (1758). *Aquaculture* 214:411-418.
- Peñaflorida VD. 2002. Evaluation of plant proteins as partial replacement for animal proteins in diets of *Penaeus indicus* and *P. merguensis* juveniles. *Isr. J. Aquacult.-Bamidgeh* 54:116-124.
- Rodriguez EM, Triño AT, Minagawa M. 2003. Diet and harvesting regimen for the production of mudcrab *Scylla olivacea* in brackish water ponds. *Fisheries Science* 69:37-42.
- Sumagaysay-Chavoso NS. 2003. Nitrogen and phosphorus digestibility and excretion of different-sized groups of milkfish (*Chanos chanos* Forsskal) fed formulated and natural food-based diets. *Aquac. Res.* 34:407-418
- Sumagaysay-Chavoso NS, San Diego-McGlone ML. 2003. Water quality and holding capacity of intensive and semi-intensive milkfish (*Chanos chanos*) ponds. *Aquaculture* 219:413-429.
- Tendencia EA, de la Peña LD. 2002. Level and percentage recovery of resistance to oxytetracycline and oxolinic acid of bacteria from shrimp ponds. *Aquaculture* 213:1-13.
- Tendencia EA, de la Peña MR. 2003. Investigation of some components of the greenwater system which makes it effective in the initial control of luminous bacteria. *Aquaculture* 218:115-119.
- Triño AT, Rodriguez EM. 2002. Pen culture of mudcrab *Scylla serrata* in tidal flats reforested with mangrove tress. *Aquaculture* 211:125:134.
- 2003 DA-BAR. **AFMA R&D Paper Award for Unpublished Category.**
Applied Research Category
 Tan-Fermin JD, Garcia LMB, Quintio GF, Toledo JD. Reproductive biology, embryonic development, larval morphology, and larval rearing trials in the blue tang *Paracanthurus hepatus* (Linnaeus).
Basic Research Category
 Leбата MJHL, Primavera JH, Altamirano JP, Doyola EFC, Gustillo LF. Induced spawning and larval development of the mangrove clam *Anodontia edentula*.
 Luhan MRJ. Growth and agar quality of *Gracilaria heteroclada* Zhang et Xia grown in filter tank of the finfish broodstock tank.
- 2003 DOST-PCAMRD, **17th Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture**
 Hurtado AQ, Agbayani RF. 2002. Deep-sea farming of *Kappaphycus* using the multiple raft, long-line method. *Bot. Mar.* 45:438-444.
- 2003 UP Aquaculture Society, Inc. 1st Philippine Aquaculture Congress & Exhibition (PACE 2003), 10 May 2003, Bacolod City. **Best Poster Award.**
 Eusebio PS. Apparent digestibility of selected feed ingredients in diets for grouper *Epinephelus coioides* juveniles.
- 2003 UP Aquaculture Society, Inc. 1st Philippine Aquaculture Congress & Exhibition (PACE 2003), 10 May 2003, Bacolod City. **Best Poster on Aquaculture Nutrition.**
 Reyes OS. Free-living nematode *P. redivivus* as alternative live food for grouper *Epinephelus coioides* (Hamilton) larvae.
- 2003 NAST-DOST. **Outstanding Young Scientist**
 de Jesus EGT.
- 2003 Philippine Fisheries Association. **Gawad Pangisdaan Award for the Outstanding Fisheries Professional.**
 Toledo JD.

- 2004 DOST-PCAMRD, **18th Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture/Inland Fisheries**
Romana-Eguia MRR, Ikeda M, Basiao ZU, Taniguchi N. 2004. Genetic diversity in farmed Asian Nile and red hybrid tilapia stocks evaluated from microsatellite and mitochondrial DNA analysis. *Aquaculture* 236:131-150.
- 2004 DOST-PCAMRD, **18th Elvira O. Tan Memorial Award for Best Published Paper in Marine Fisheries**
Primavera JH. 2000. Integrated Mangrove-Aquaculture Systems in Asia; Integrated Coastal Zone Management. Autumn edition pp. 121-129.
- 2004 NAST-DOST, **NAST Awards for 2004 for Outstanding Books/Monographs**
Lio-Po GD, Lavilla CR, Cruz-Lacierda ER (eds.). 2001. Health Management in Aquaculture. Tigbauan, Iloilo, Philippines: SEAFDEC Aquaculture Department, 187p.
Millamena OM, Coloso RM, Pascual FP (eds.). 2002. Nutrition in Tropical Aquaculture: essentials of fish nutrition, feeds, and feeding of tropical aquatic species. Tigbauan, Iloilo, Philippines: SEAFDEC Aquaculture Department, 221p.
Husbandry and Health Management of Grouper. 2001. SEAFDEC Aquaculture Department/APEC Fisheries Working Group; Singapore: Asia-Pacific Economic Cooperation, Iloilo, Philippines: SEAFDEC Aquaculture Department.
- 2004 NAST-DOST. **Outstanding Young Scientist**
Gallardo WG.
- 2004 DA-BAR. **AFMA R&D Paper Award**
Evangelista AD, Baldia SF. Culture of *Ceriodaphnia cornuta* in tanks and their utilization in the hatchery production of some freshwater fish species.
- 2004 Faculty of Science, Stockholm University. **Doctorate of Philosophy *honoris causa***
Primavera JH.
- 2005 The Pew Charitable Trusts, Pew Institute for Ocean Sciences. **Pew Fellow in Marine Conservation**
Primavera JH.
- 2005 DOST-PCAMRD, **19th Elvira O. Tan Memorial Award for Best Published Paper in Aquaculture/Inland Fisheries**
Basiao ZU, Arago AL, Doyle RW. 2005. A farmer-oriented Nile tilapia, *Oreochromis niloticus* L., breed improvement in the Philippines. *Aquac. Res.* 36:113-119.
- 2005 DA-BAR. **National R&D Paper Award**
Estepa FDP, Quintio ET, Rodriguez EM. Seed production of *Charybdis feriatus*.
Tendencia EA, de la Peña MR, Choresca CH. Presence of snapper, seabass, and siganid inhibit the growth of luminous bacteria in a simulated shrimp culture system.
DA-BAR. **National R&D Paper Award; Adaptation/Verification Category**
Quintio ET, Alava VR, de Pedro J, Orozco Z, Wille M. Reproductive performance of mud crab *Scylla serrata* fed dietary lipids.

2005 NAST-DOST, **NAST Awards for 2005 for Outstanding Books/Monographs**

Primavera JH, Sadaba SB, Lebata MJHL, Altamirano JP (Authors). 2004. Handbook of Mangroves in the Philippines – Panay. SEAFDEC Aquaculture Department, Iloilo, Philippines. 106 p.