LENI GOMEZ YAP-DEJETO

Division of Natural Sciences and Mathematics,
University of the PhilippinesTacloban Magsaysay Blvd., 6500
Tacloban City, Leyte, **PHILIPPINES**
Fax/Tel: + 63 53 3255108 **Cel No:** +63 927 616 9137 **Email:** lgyapdejeto@up.edu.ph



ACADEMIC QUALIFICATIONS

University of California-Santa Cruz
Santa Cruz, California, USA
Post-doctoral Research on *Sargassum*
Scholarship
August 2016-August 2017
USAID-STRIDE

The University of Tokyo
Tokyo, Japan
Ph.D. Aquatic Biosciences 2007-2010
Monbukagakusho (Monbusho)
Dissertation on: *Pseudo-nitzchia*
Adviser: Prof. Yasuwo Fukuyo

UP-Marine Science Institute
Diliman, Quezon City, Philippines
M. Sc. Mar. Sci. (Marine Biology)1999-2003
Adviser: Prof. Em. Rhodora V. Azanza

University of the Philippines-Cebu College
Lahug, Cebu City, Philippines
B.S. Biology,
1990-1994 *Graduated cum laude*

Philippine Science High School
Agham Road, Diliman, Quezon
City, Philippines 1986-1990

PROFESSIONAL QUALIFICATIONS

Certified Open Water (SCUBA) Diver
Philippine Civil Service Eligible
Basic Japanese Language and Culture Completer (Univ. of Tokyo)

EMPLOYMENT HISTORY

Professor 12, Scientist I
University of the Philippines Tacloban
Tacloban City
June 1996-present

Affiliate Professor, UP Online University

Research Assistant (Chemical Oceanography) under Prof. MS McGlone
UP-Marine Science Institute
University of the Philippines Diliman, Quezon City
June 1995-May 1996

Research Assistant (Community Development, Giant Clams) under Prof. Margarita dela Cruz
Guiuan Development Foundation. Inc., Guiuan, Eastern Samar
December 1994-May 1995

RECENT/ONGOING RESEARCH WORK

- Project Leader: FResHCon: Fish Killing phytoplankton and their responses to varying habitat conditions (EIDR, UP System 2026-2028)
- Research Partner, Filipino Genome Project, 2019-2029
- Consultant, FOREST ECHOES: Engaging Children on Environmental Sustainability funded by Forest Foundation Philippines 2024-2025
- Research Partner. Seagrass Mapping and Blue Carbon Project (2024)
- Project Staff. SMuG-UP : Sustainable Strategies for Mussel Glycogen Upscale Production. 2024-2025
- Project Leader for E. Visayas. PCARI collaborative project “Habs WATCH Real-time monitoring and early warning for HABs using high throughput imaging and molecular methods”. (2021-2024)
- Research Partner. BLUE CARES NETWORK for Mangrove Ecosystems (2022-2023)
- Program Leader: WATCH HAB R8: Warning and Technology to Combat Hazards of Harmful Algal Blooms in Region VIII. (DOST, PCARRD: 2020-2022)
- Project Leader, “Mussel Biotechnology Program. Project 2. Extraction and Utilization of Mussel Glycogen”. DOST PCAARRD (2019-2021)

PUBLICATIONS

- Silaras MLS, Yap-Dejeto LG, Yee DKP. 2026. Integrating community perceptions on harmful algal blooms to policies for mitigation: A case study of fishing communities in Eastern Visayas Philippines. Environmental Management: Economics and Policy. 3:3117-325X. https://doi.org/10.1016/j.jemecp.2026.100013.
- Botavara LA, Licnachan LO, Tul-ao BMP, Yap-Dejeto LG, Ignacio PSP, Onda DFL* (2026) Leveraging fixed samples to reduce domain shift in automated image classification of the diatom *Chaetoceros*. In press
- Ravelo, S. F. P., Yap-Dejeto, L. G., Ocaña, A. N., Noroña, J. V. T., Silaras, M. L. S., Cecilio, J. M. C., & Amascual, R. M. (2026). Composition and distribution of dinoflagellate cysts in surficial sediments and their linkages to their free-living form in five bays of three eastern islands in the Philippines, Western Pacific border. Journal of Oceanology and Limnology, 1–19.
- Alexis, H.A.;Yap-Dejeto. 2025. Understanding blue carbon management strategies: quantitative assessment of blue carbon stock among three mangrove stands in Eastern Visayas, Philippines, W. Pacific Border. Carbon Research. 4:63 20pp.

- K Leseguis, J Romero, A Pacoma, RJ Ramos, DF Onda, M Iwataki, K Kuwata and L Yap-Dejeto (2025) First Record of *Coolia malayensis* (Dinophyceae) from Cancabato Bay, Tacloban City, Philippines: Morphology, rDNA, Hemolytic Activity, and Growth Response to Salinity. PJS. Philippine Journal of Science154 (2): 301-318.
- Benaires, K. D., Yap-Dejeto, L. G., & Parilla, R. B. (2025). MICROPLASTICS IN COMMERCIALLY SOLD FISH IN A COASTAL CITY OF THE PHILIPPINE ISLANDS, WESTERN PACIFIC. Regional Studies in Marine Science, 104025.
- Saddi, K. C., & Yap-Dejeto, L. (2024). Remote Sensing Biological Pump Potential: Plankton Spatio-Temporal Modelling in the Philippine Seas with Emphasis on the Effects of Typhoons. Environmental Sciences Proceedings, 29(1), 79.
- Yu, A. J. G., Yap-Dejeto, L. G., Parilla, R. B., & Elizaga, N. B. (2023). Microplastics in Perna viridis and Venerupis species: assessment and impacts of plastic pollution. International Journal of Environmental Science and Technology, 21(1), 675-686.
- Yap-Dejeto L.G.*, Fabillo M., and Sison-Mangus M. 2022. Biodiversity of Sargassum (Fucales, Sargassaceae) from Eastern Samar (Philippines) inferred from nuclear ribosomal internal transcribed spacer (ITS) sequence data. Applied Phycology. 3:1,422-434. DOI: 10.1080/26388081.2022.2119164
- Marmita, M. M. B., Yap-Dejeto, L. G*., Hipe, P. R. A., Dañal, R. M. S., Cinco, E. V., & Fuentes, R. G. (2022). Comparison of Glycogen Content from Three Philippine Mussels. Philippine Journal of Science, 151(6A), 2275-2283.
- Berones, K.A.R. and Yap-Dejeto, L.G.* 2022. Tracking Iodine Decrease in Commercially Sold *Caulerpa racemosa* (Forsskål) J. Agardh (Chlorophyta, Ulvophyceae) during Storage.Philippine Journal of Science 151 (S1, Marine Botany): 185-193
- Folio, F. M. P. and Yap-Dejeto, L.G.* 2022. Phytoplankton Composition during a Period of the Red Tide Bans in 2017 in Irong-Irong Bay, Western Samar, Philippines. Philippine Journal of Science 151 (S1, Marine Botany): 237-253
- Dumilag R.V., Yap-Dejeto L.G.*, Fabillo M., and Sison-Mangus M. 2022. Phylogenetic Study of *Sargassum polycystum* (Sargassaceae, Ochrophyta) in Eastern Samar, Philippines Based on the Nuclear rDNA Sequences. Philippine Journal of Science 151 (S1, Marine Botany): 255-260.
- Ravelo, S.F., Yap-Dejeto, L.G.*, Silaras, M.L.S., Amparado, M.L.L., Ocampo, J.A., Abria, E.G. and Albina, M.B. 2022. A Snapshot on the Distribution of Coastal Phytoplankton Communities in Five HAB-Affected Bays in Eastern Visayas, Philippines. Frontiers in Marine Science, 9 (730518):1-14.
- Paduhilao. J.E. and Yap-Dejeto L.G. 2022. Zoochemical Analyses and In vitro Antimicrobial Activity of Crude Methanolic Extract of *Perna viridis*. Acta Medica Philippina, https://doi.org/10.47895/amp.vi0.3136
- Toralde, C.B., Silaras, M.L.S., Garcia, M.M.M. and Yap-Dejeto, L.G*. 2021. Biology and Ecology of Wild and Cultured Green Mussel, *Perna viridis* in Eastern Visayas, Philippines. Phil. J. of Nat. Sci. 26: 20-31.
- Deladia MCAE, Yap-Dejeto L.G *, Kenneth Abuda, and Margarita Dela Cruz. 2021. Epiphyte Identification on Commercially Grown *Kappaphycus alvarezii* in Eastern Samar, Philippines. The Philippine Agricultural Scientist. 104(3): 320-328.
- Cabo, CC Jr., Yap-Dejeto L.G *. 2020. Frequency Distribution of ABO and Rhesus (D) Blood Groups in Tacloban City, Philippines (2014-2015). Phil. J. of Nat. Sci. 25: 41-58.
- Pacoma A.U. and Yap-Dejeto L.G. 2019. Health Risk Assessment: Total Mercury in Canned Tuna and in Yellowfin and Frigate Tuna Caught from Leyte Gulf and Philippine Sea. SCIENCE DILIMAN (JULY-DECEMBER 2019) 31:2, 1-7.
- Yap-Dejeto L., Durante C.Y., Tan I.L., and Alonzo, C.O. 2018. *Pyrodinium bahamense* and Other Dinoflagellate Cysts in Surface Sediments of Cancabato Bay, Leyte, Philippines. Philippine Journal of Science Vol 147. No. 2, 209-220.
- Yap-Dejeto L., A. Cera, J. Labaja, J.D. Palermo, A. Ponzo, G. Araujo. 2017. Observations of Microzooplankton in the Vicinity of Whale Shark *Rhincodon typus* Aggregation Sites in Oslob, Cebu and Pintuyan, S. Leyte, Philippines. 2018. Phil. J. of Nat. Sci. 22: 43-59.
- Yap-Dejeto L.G. and Batula H. S. 2016. Bloom of *Trichodesmium* (Oscillatoriales, Phormidiaceae) and seasonality of potentially harmful phytoplankton in San Pedro Bay, Leyte, Philippines in 2012-13. Revista de Biologia Tropical. Vol. 64 (2): 897-911.
- Yap-Dejeto, L, Sigua, P.J.A.D, Ostrea, J.L.M., Ruizo, E.K.C. (2016). Phytoplankton and Fish Abundance in the outer San Pedro Bay, Leyte, Philippines during 2013-2014. Philippine Journal of Natural Sciences, 21 (2) 17-30.
- Yap-Dejeto, L. G. and Baqueros, A.R.S. 2015. Epiphytic diatom composition on the leaf blades of *Enhalus acoroides* in Almeria, Biliran, Philippines during the cold dry season of 2012-2013. The Philippine Scientist 2015, Vol. 52, p56-72. 17p.
- Cera A. and Yap-Dejeto L.G. 2015. Comparison of Zooplankton Community Composition between Feeding Grounds of Whale Sharks (*Rhincodon typus*) in Sogod Bay, Southern Leyte and Oslob, Cebu. Proceedings of

the 13th National Symposium in Marine Science General Santos City, October 22-24, 2015.

- Deladia M, Yap-Dejeto L, Abuda K, de la Cruz M, 2015. Monitoring the growth of ice-ice disease and epiphytes on commercially grown *Kappaphycus alvarezii* var. tambalang in E. Samar Philippines. Proceedings of the13th National Symposium in Marine Science General Santos City, October 22-24, 2015.

- Yap-Dejeto L.G. Batula H., Macanip D. Ignacio R. 2014. Seasonal Dynamics of the Potentially Toxic and Harmful Phytoplankton in San Pedro Bay, Leyte, Philippines. 16th International Conference on Harmful Algae in Wellington New Zealand, October 27-31, 2014.

- Yap-Dejeto L.G. , Omura T. , Nagahama Y., Cinco G.F., Cobacha M. M., Fukuyo Y. 2014. Quantifying *Pseudo-nitzschia* species using FISH method in San Pedro Bay, Leyte, Philippines. 7th Annual Convention of PSBMB in Marco Polo Hotel, Cebu City, Philippines, December 4-5, 2014

- L.G.Yap-Dejeto, Omura T., Cinco G.F., Cobacha, M.M., Fukuyo Y. 2013. Species Account of Marine Diatoms of the Genus *Pseudo-nitzschia* in San Pedro Bay, Philippines.Philippine Journal of Science. 142 (1): 27-37 National Scientific Conference. 21-25 May 2013. Cebu Business Hotel, Cebu City, Philippines. P. 134
- Baqueros, A.R.S. and Yap-Dejeto, L. G. 2013. Epiphytic diatom composition on the leaf blades of *Enhalus acoroides* in Almeria, Biliran, during the cold dry season of 2012-2013. In: Book of Abstracts of the 12th National Symposium on Marine Science. 24-26 October 2013. UPV-Tacloban College, Tacloban City. P. 53.

- Oracion L and Yap-Dejeto L. 2011. Potentially toxic and harmful phytoplankton in selected areas of San Pedro Bay, Leyte, Philippines. In: Proceedings of the 3rd National Harmful Algal Bloom (HAB) Conference. PhilHABS Program. 14 -19 November 2011. Bohol Tropics Resort. p.33.

- Omura T., M. Iwatake, V.M. Borja, H. Thoha, L.G. Yap-Dejeto, Y. Nagahama, Y. Fukuyo. 2010. Harmful microalgae in Southeast Asia. In: Proceedings of the Horiba International Conference. New Direction of Ocean Research in the Western Pacific. UNESCO/IOC/WESTPAC. 26-29 Oct. 2010 Atmosphere & Ocean Science Research Institute. The University of Tokyo. p. 49.

- Yap-Dejeto L. G. , Takuo O., Yukio N. and Fukuyo Y. 2010. Observation of eleven *Pseudo-nitzschia* species in Tokyo Bay, Japan. La mer 48: 1-16.

- Yap-Dejeto L. G. , Takuo O., Cobacha, M. Cinco, and Fukuyo Y. 2010. Evaluation of sampling protocols to detect and quantify the diatom *Pseudo-nitzschia* in San Pedro Bay, Philippines. Journal of Nature Studies Vol.8 No.3 pp.141-148.

- Yap-Dejeto L. G. , Cobacha, M. Cinco. 2008. The surface phytoplankton community in a mariculture zone and its adjacent waters of San Pedro Bay, Leyte Philippines during 2005-2006. Journal of Nature Studies Vol.7 No.2 pp.123-128 .

- Omura,T.,Yap-Dejeto L.G., Cobacha M.M., Cinco G.F., Fukuyo, Y. 2008. Seasonal changes of *Pseudo-nitzschia* species in San Pedro Bay, Philippines. In: Proceedings in the 13th International Conference on Harmful Algae., Hong Kong-China. 3-7 November 2008 .

- Yap-Dejeto L.G., Fukuyo, Y., Omura,T. Occurrence of *Pseudo-nitzschia* species in San Pedro Bay, Leyte, Philippines. 2008. In: Proceedings of the 2008 Annual Meeting of the Japanese-French Oceanographic Society at Tokyo, Japan. June 28, 2008.

- Yap-Dejeto L.G., Cobacha M.M., Cinco G.F., Fukuyo, Y., Omura, T., Takahashi, W. 2007. The surface phytoplankton community in nutrient-enriched waters of San Pedro Bay, Leyte Philippines during 2005-2006. In: Abstract Proceedings. SOLAS Open Science Conference. Xiamen, China, March 2007.

- Yap-Dejeto L.G. Cobacha, M. Cinco, G. 2007. The phytoplankton community in the aquaculture area of San Pedro Bay, Leyte Philippines during 2005- 2006. In: Abstract Proceedings of the 1st International Scientific Convention. The Philippine Society for the Study of Nature Inc. (PSSN). Puerto Princesa City, Palawan. May 2-4 2007.

- Yap-Dejeto L.G. Cobacha, M. Cinco, G. Ragub, J.R. 2006. Results of the preliminary sampling of phytoplankton community in fish cages of San Pedro Bay, Leyte, Philippines during August 2005 . In: Proceedings of the Philippine Society for the Study of Nature, Inc. (PSSN) 6th Annual Scientific Convention Kapalong, Davao del Norte. May 15-21, 2006.

- Azanza R.V., Fukuyo Y., Yap, L.G., Takayama H. 2005. First record of a *Prorocentrum minimum* bloom coinciding a massive fish kill in Bolinao, Pangasinan, Northern Philippines, Harmful Algae. 4 (2005) 519-524. Elsevier, U.K.

- Tan, R.M. and Yap-Dejeto L.G. and 2005. Spatial distribution of seaweeds in the littoral zone of five municipalities of Biliran Island, Philippines during the wet season of 2004. In: Transactions of the National Academy of Science and Technology (Philippines) Vol. 27 No.1. p. 20 . 27th Annual Scientific Meeting. 13-14 July 2005.

- Lanuza, E.C., Tibre, O. and Yap-Dejeto L.G., 2005. “Spatial distribution of echinoids (Echinodermata) in the intertidal zones of Biliran Island during the wet "Season of 2004. In: Transactions of the National Academy of Science and Technology (Philippines) Vol. 27 No.1.pp.38-39 27th Annual Scientific Meeting. 13-14 July 2005.

- Cinco, J.O., Yap-Dejeto L.G., Batoy, C.B. 2005. Spatial distribution of the Holuthorian (sea cucumber) community in the litoral zone of Biliran Island during the wet season of 2005. In the Book of Abstracts. 1st Inter-Zonal Research Congress for Visayas and Mindanao. University of San Carlos, Cebu City. November 17-18 2005.

- Ragub J., Camacho, A., Yap-Dejeto L.G., Palermo J.D. 2005. A preliminary survey of the marine surface zooplankton in four (4) Bays in Leyte, and probable diurnal pattern during December 2004 and January 2005. In: Proceedings of the 25th Annual Philippine-American Academy of Science and Engineering Meeting and Symposium, (25th APAMS), Waterfront Cebu City Hotel, Cebu City, June 24-26, 2005.

- Dechos, Lauren and Yap-Dejeto L.G. 2005. Spatial distribution of sponges (Phylum Porifera) in the intertidal zones of Biliran Island during the wet season of 2004. In:Proceedings of the 25th Annual Philippine-American Academy of Science and Engineering Meeting and Symposium, (25th APAMS), Waterfront Cebu City Hotel, Cebu City, June 24-26, 2005.

- Yap-Dejeto L.G., Lanuza, E.C. and Tibre, O. 2005. Spatial distribution of echinoids and starfish (Echinodermata) in the intertidal zones of Biliran Island during the wet season of 2004. In: Proceedings of the 5th Annual National Scientific Convention, PSSN, Magalang Pampanga, Vol. 4 No.1 ISSN 1655- 3160.

- Yap-Dejeto L.G. and Baclea-an L.M. 2005. Spatial Distribution of mollusks on the intertidal zone of Biliran Island, Phillippines during the wet season of 2004. In: Proceedings of the 5th Annual National Scientific Convention, PSSN, Magalang Pampanga, Vol. 4 No.1 ISSN 1655-3160. May 2005.

- Yap-Dejeto L.G and Tiu R. Y. 2005. A survey on the lead (Pb) content in commercially sold bivalves of Tacloban City public market during the year 2005. In: Proceedings of the 5th Annual National Scientific Convention, PSSN, Magalang Pampanga, Vol. 4 No.1 ISSN 1655-3160. May 2005.

- Ragub J., Yap-Dejeto L.G., Palermo J.D. 2005. A preliminary survey of the marine surface zooplankton in San Pedro and Ormoc Bays, in December 2004 and January 2005. In: Proceedings of the 5th Annual National Scientific Convention, PSSN, Magalang Pampanga, Vol. 4 No.1 ISSN 1655 -3160.

- Salvacion L.B. and Yap-Dejeto L.G. 2004. A qualitative study of the marine surface phytoplankton in four bays of Leyte, Philippines. In: Abstracts Proceedings of the 4th Annual National Scientific Convention, PSSN, Tagbilaran City, Bohol, Philippines, Vol.3 No. 1 ISSN 1655-3160. May 2004.

- Horca A.M. and Yap-Dejeto L.G. 2004. A qualitative survey of the marine surface zooplankton in four bays in Leyte, Philippines. In: Abstracts "Proceedings of the 4th Annual National Scientific Convention, PSSN, Tagbilaran City, Bohol, Philippines, Vol.3 No. 1 ISSN 1655-3160. May 2004.

- Yap L.G., Azanza R.V., McManus L.T. 2004. The community composition and production of phytoplankton in fish pens of Cape Bolinao, Pangasinan: a field study. Marine Pollution Bulletin, 49: 9-10, November 2004. Pp. 819-832. Elsevier, U.K.

- Salvacion L.B. and Yap-Dejeto L.G. 2004. A qualitative study of the marine surface phytoplankton in four bays of Leyte, Philippines. In: Abstracts Proceedings of the 4th Annual National Scientific Convention, PSSN, Tagbilaran City, Bohol, Philippines, Vol.3 No. 1 ISSN 1655-3160. May 2004.

- Horca A.M. and Yap-Dejeto L.G. 2004. A qualitative survey of the marine surface zooplankton in four bays in Leyte, Philippines. In: Abstracts "Proceedings of the 4th Annual National Scientific Convention, PSSN, Tagbilaran City, Bohol, Philippines, Vol.3 No. 1 ISSN 1655-3160. May 2004.

UTILITY MODELS

Yap, L.D., Marmita, M.M., Hipe, P.R., Danal, R.M., Cinco, E.; Fuentes, R.G.; Ferriols, V.M.E.N. (2023). A Composition of Laboratory Grade Glycogen from Perna viridis (IPOPHIL UM No. 2/2021/050734). Intellectual Property Office of the Philippines.

Yap, L.D., Marmita, M.M., Hipe, P.R., Danal, R.M., Cinco, E.; Fuentes, R.G.; Ferriols, V.M.E.N. (2021). A Process of Food-Grade Glycogen Extraction from Philippine Mussels (IPOPHIL UM No.). Intellectual Property Office of the Philippines.

Yap, L.D., Marmita, M.M., Hipe, P.R., Danal, R.M., Cinco, E.; Fuentes, R.G.; Ferriols, V.M.E.N. (2021). A Composition of Mussel Glycogen Soap (IPOPHIL UM No. 2/2021/051066). Intellectual Property Office of the Philippines.

Yap, L.D., Marmita, M.M., Hipe, P.R., Danal, R.M., Cinco, E.; Fuentes, R.G.; Ferriols, V.M.E.N. (2021). A Composition of Mussel Glycogen Moisturizing Cream (IPOPHIL UM No. 2/2021/051027). Intellectual Property Office of the Philippines.

Yap, L.D., Marmita, M.M., Hipe, P.R., Danal, R.M., Cinco, E.; Fuentes, R.G.; Ferriols, V.M.E.N. (2021). A Mussel Glycogen Ointment (IPOPHIL UM No. 2/2021/051028). Intellectual Property Office of the Philippines.

INDUSTRIAL DESIGN

Dejeto Rodrigo, Sabando Christopher, Yap-Dejeto Leni G., Dave Palen, Marilao Gerard Louie, Degorio Roberto Jr. A Portable Harmful Algal Bloom (HAB) Mitigation Device. IPOPhil Registered. Registration Date: 2023.10.11.

Copyrights

Certificate No. 2022-1118-K
Title: Phytoplankton Curated Micrographs
Authors: Eugene C. Abria, Stephanie Faith P. Ravelo, Mark Leonard S. Silaras, and Leni G. Yap-Dejeto
Class: Class K (Photographic works, including works produced by a process analogous to photography, lantern slides)

Certificate No. K-2021-00656
Title : PHYTOPLANKTON CURATED MICROGRAPHS
Author (s) : Eugene G. Abria, Stephanie Faith P. Ravelo, Leni G. Yap-Dajeto
Class : Class K (Photographic works including works produced by a process analogous to photography, lantern slides)

Certificate No. 2026-00934-A-TCCR
Title : A Plant Design of Glycogen Production From Green Mussels.
Author (s) : Rick Jason De Paz Ranjo, Rolly Garnace Fuentes, Chester Louie Estanislao Jervoso, Rodrigo V Dejeto, Leni Yap-Dejeto
Class : A-Books, pamphlets, articles and other writings

COMPLETED RESEARCH WORK

- Research Partner, "UPMSI/DOST-PCAARRD: Hazard Detection and Mitigation Tools for Algal Blooms in a Changing Marine Environment Project 4: Integrated harmful algal bloom detection and information system for adaptive responses" 24,702,489.20 (3 years, 2018-2020)
- Proponent: Zooplankton Community and Whale sharks (Rhincodon typus) in aggregation areas in Pintuyan, Southern Leyte, Philippines (OVCRE, UPV: 2017-2018)
- Proponent. Phylogeny and Natural Products of *Sargassum* (Phaeophyceae) of Eastern Samar. USAID-STRIDE Post-Doctoral Research, 2016-2017
- Physico-chemical Parameters of San Pedro Bay (funded by: PH-Haiyan, 2017-2019)
- Zooplankton Community and Whale sharks (*Rhincodon typus*) in aggregation areas in Pintuyan , Southern Leyte, Philippines (OVCRE, UPV) Local Coordinator: "Support to conduct the Baseline Survey for Fisheries and Coconut Based Farming Systems Rehabilitation Program for the Typhoon Haiyan Emergency Response in Region VIII**.** UN-FAO, 2014-2016)
- Project Leader. Seaweeds restocking and farming in Leyte and Samar. (Post Yolanda Rehabilitation Project, PCAARD) Project Leader. Cyst and Bacteria in Cancabato Bay (OVCRE)
- Proponent. Development of quantification methods for the marine diatom, Pseudo-nitzschia spp. (Monbukagakusho, Japan), 2007-2010.
- Proponent. The effect of nutrient loading to the phytoplankton community in fish cages of San Pedro Bay, Leyte, Philippines. (OVCRE), 2005-2010.
- Tie-up Project. Marine environment quality criteria for mariculture areas (AFMA-MEQC). Project Leader: Dr. Gil S. Jacinto. 2000-2003.
- Proponent. The community composition and production of phytoplankton in fish pens and cages of Cape Bolinao, Lingayen Gulf Pa ngasinan.(PCAMRD, CHED, NRCP). 2000-2003.
- Research Assistant. Coastal environment response to deforestation derived siltation". (EC-CERDS). Project Leader: Dr. Malou S. McGlone.1995-1996.
- Proponent."Effect of detergent on the survival of the brine shrimp, *Artemia salina*."-undergraduate thesis, adviser: Dr. Jesus V. Juario, 1994.

PUBLISHED TECHNICAL REPORT

Proponent. The effect of nutrient loading to the phytoplankton community in fish cages of San Pedro Bay, Leyte, Philippines. (OVCRE), 2010 Proponent. Primary production and fishery status of San Pedro Bay in 2012-13 (UPV-OVCRE, 2015)

PAPER PRESENTED (NOT PART OF PROCEEDINGS)

1. Oral and Poster presentations at 17th National Symposium in Marine Science, 20-22 July 2023, Batangas State University:

a. "Will phytoplankton community composition be different between surface and bottom layers of a 30m deep water? (The case of Carigara Bay, Leyte, Philippines)" by: Lois Bambi Azul, Leni Yap-Dejeto*, Stephanie Faith Ravelo, Mark Leonard Silaras of University of the Philippines Tacloban
b. Initial notes on phytoplankton assemblage in Dawahon Island, Bato, Leyte, Philippines - Trisha B. Sumalinog, Kimverly T. Leseguis, Jeremy B. Romero, Leni G. Yap-Dejeto
c. Preliminary assessment of seaweed composition and abundance in Dawahon Reef, Bato, Leyte, Philippines - Pia Corine Ruita, Jeremy B. Romero, Kimverly T. Leseguis, Leni G. Yap-Dejeto
d. Species composition of epiphytic diatoms on cultivated *Eucheuma denticulatum* in Dawahon Island, Bato, Leyte, Philippines - Jeremy B. Romero, Pia Corine Ruita, Kimverly T. Leseguis, Leni G. Yap-Dejeto

2. Presented at 7th International Conference for Fisheries and Aquatic Sciences (ICFAS 2023), UP Visayas, Iloilo City, 18-20 October 2023. Initial observations of phytoplankton assemblage in the coastal waters of Calbayog City, Samar, Philippines - Moira Romina Jude Yu, Jeremy B. Romero, Kimverly T. Leseguis, Leni G. Yap-Dejeto

3. Paper Presenter, 20th NRCP Visayas Regional Cluster (VRC) Convention and Stakeholders' Engagement: Strengthening Network with LGUs, HEIs, and the Third Sector on October 25-26, 2023, at the Leyte Normal University, Tacloban City. "Protecting our Marine Resources in the Visayas for the Philippine Blue Economy-Leni Yap-Dejeto"

4. Presented at 20th International Conference on Harmful Algae (ICHA 2023), Hiroshima, Japan. 5-10 November 2023
a. Phytoplankton composition and monitoring of HABs in the marine waters of Cancabato Bay in Leyte, Philippines - Adrian Wayne A. Ongbit, Kimverly T. Leseguis, Jeremy B. Romero, Bryan Bianito T. Fiel, Gemore G. Bacsal, Moira O. Yu, & Leni G. Yap-Dejeto
b. Harmful algae in the waters near and in mangrove ecosystems of Eastern Visayas, Philippines - Leni G. Yap-Dejeto*, Gemore Bacsal, Crystal Dawn Lengwa, Lyka Superable, Bryan Bianito Fiel, Kimverly Leseguis and Jeremy Romero
c. First report of *Coolia* sp., an epibenthic dinoflagellate from Cancabato Bay, Tacloban City, Philippines - Kimverly T. Leseguis, Arvin U. Pacoma, Jeremy B. Romero, Robert Jay N. Ramos, Deo Florence L. Onda, Leni G. Yap-Dejeto
d. HAB-causing phytoplankton species and the water quality in Jibatang River Estuary, Calbayog City - Gemore G. Bacsal, Moira Jude Romina O. Yu, Jeremy B. Romero, Kimverly T. Leseguis, & Leni G. Yap-Dejeto
e. Mitigating cyanobacterial blooms (cHABs): An introduction of powdered-diatomaceous earth (pDE) in contaminated freshwater set-ups-Rodrigo V. Dejeto, Gerard Louie A. Marilao, and Leni Yap-Dejeto
f. Social drivers of knowledge, beliefs and practices on harmful algal blooms: Lessons from fishing communities in Biliran and Leyte regularly exposed to HABs-Mark Leonard S. Silaras, Dakila Kim P. Yee, and Leni G. Yap-Dejeto
g. Warning And Technology to Combat Hazards of Harmful Algal Blooms in Region VIII (WATCH HAB R8) and other efforts on HAB mitigation in E. Visayas, Philippines - Leni G. Yap-Dejeto*, Stephanie Faith Ravelo, Mark Leonard S. Silaras, Rodrigo V. Dejeto, Gerard Louie A. Marilao, Ruel Amascual, Ma. Luningning L. Amparado, Edelyn Echapare, and Marietta Albino

5. Kinaadman han Sinirangan: Eastern Visayas Research Congress, LAC, Tacloban City, 10 November 2023
a. The Many Faces of Red Tide: HABs Watch Project: Real-time monitoring and early warning for HABs using high throughput imaging and molecular methods and WATCH HABS R8: Warning And Technology to Combat Hazards of Harmful Algal Blooms in Region VIII - Jeremy B. Romero, Kimverly T. Leseguis, Gemore G. Bacsal, Nicci E. Madarcos and Leni G. Yap-Dejeto
b. For Food and for Beauty (Mussel Glycogen Project: Extraction and utilization of glycogen from Philippine Mussels)- Leni G. Yap - Dejeto, Rolly G. Fuentes, and Eugie V. Cinco

6. Presented at Philippine Phycological Society 10th National Symposium and Scientific Meeting, Polytechnic University of the Philippines. 23-24 November 2023: Assessment of macroalgal species composition and abundance in Dawahon Reef, Bato, Leyte - Pia Corine Ruita, Jeremy B. Romero, Kimverly T. Leseguis, Leni G. Yap-Dejeto

7. Presented RDE Paper (Research-Applied Project Category), 35th Joint VICARP and RRDEN Regional RDE Symposium on November 30-December 1, 2023. VSU, Baybay Leyte: Extraction and Utilization of Mussel Glycogen for Cosmetic Products- Leni G. Yap-Dejeto*, Mitchell Mark B. Marmita, Paulo Ranji A. Hipe, Eugie V. Cinco, Rolly G. Fuentes, Victor Marco Emmanuel N. Ferriols

8. Presented at the 55th Federation of Institutions for Marine and Freshwater Sciences (FIMFS) Conference, MSU-TCTO, Bongao, Tawi-tawi, 06-08 December 2023 HAB-Causing phytoplankton and water quality assessments of an area where freshwater meets the sea in Carigara, Leyte - Lyka Superable, Jeremy Romero, Kimverly Leseguis and Leni Yap Dejeto*

9. Presenter in the Blue Carbon Regional Symposium (BCRS) On the Blue Carbon Strategy) held last 15-16 March 2023, IESM, UP Diliman

10. Presenter during the Idea to Impact Investors Forum 2022: Mussel Industry held at Summit Hotel, Tacloban City, Leyte on October 14, 2022.

11. Speaker. Annual Program and Terminal Review of Inland and Aquatic R&D Projects 2020. December 11, 2020, IARD, PCAARRD, DOST

12. Leni G. YAP-DEJETO; Mark Angelo PONTICA; Marilou SISON-MANGUS. 2018. Disparity of Molecular and Morphological Identification of Sargassum species in Eastern Samar, Philippines 12th International Kuroshio Science Symposium ; National Sun Yat-sen University, Kaohsiung City, Taiwan; November 18-22, 2018

13. Leni Yap-Dejeto, Caryl Durante, Irene L. Tan and Coleen O. Alonzo. 2017. *Pyrodinium bahamense* and Other Dinoflagellate Cyst Distribution in Surface Sediments in Cancabato Bay, Leyte, Philippines ASLO 2017. Aquatic Sciences Meeting. Mountains to the Sea. Feb 26-March 3, 2017. Hawaii Convention Center, Honolulu, Hawaii.

14. Leni G. YAP-DEJETO; Mark Angelo PONTICA; Marilou SISON-MANGUS.Re-discovering Sargassum: Morphological and Molecular Identification of *Sargassum* (Fucales, Phaeophyceae) Species in Eastern Samar, Philippines for Natural Product Screening.Plants from Sea to Sky. July 4-7, 2017. University of British Columbia, Vancouver, Canada

15. Yap-Dejeto L. G. 2013. Diatoms in San Pedro Bay. Paper presented as part of UPV-Tacloban College, Ruby Anniversary, July 2013. AS Conference Hall, UPV-Tacloban College.

16. Yap-Dejeto L. G. 2012. *Pseudo-nitschia* in San Pedro Bay. Kita ha Sinirangan Bisaya: First Round Table Conference on Culture and Identity in Eastern Visayas. NCAA, Leyte Samar Heritage Society. Dec 2012. Stephanie Smokehouse, Tacloban City.

17. Yap-Dejeto L. G. 2010. rRNA-targeted probes for fluorescence in situ hybridization (FISH) for ten Pseudo-nitzschia species in Tokyo Bay. Lecture presentation. The Science and Technology Advisory Council (STAC-J) Research Forum, Tokyo International Exchange Center, Aomi, Koto-ku, Tokyo. March 20, 2010.

18. Yap-Dejeto L.G. 2010. Development of rRNA-targeted probes for fluorescence in situ hybridization to detect Pseudo-nitzschia species in Tokyo Bay, Japan. Asian Natural Environmental Science Center Seminar. University of Tokyo Graduate School of Agricultural And Life Sciences, Nishi Tokyo City, Japan. 24 February 2010.

19. Yap-Dejeto L.G. 2009. Tracking down needle diatoms: The seasonality of Pseudo-nitzschia in San Pedro Bay, Philippines.Asian Natural Environmental Science Center Seminar. University of Tokyo, Yayoi Campus, Tokyo City, Japan. 6 March 2009.

20. Yap-Dejeto L.G. Ortiz J.B., and Salvacion, L.B. 2005. A survey of surface phytoplankton in the four bays of Leyte during December 2003, 2004 andJanuary 2005. The ASEAN Microscopy Conference. Holiday Inn, Pasig City, Manila. November 25, 2005.

21. Yap-Dejeto, L.G. and Lirom M.V. 2004. Determination of the fiber content of edible marine seaweeds *Caulerpa racemosa, Kappaphycus alvarezi*i and *Gracilaria edulis* of Leyte and Samar, Philippines. Poster presentation. The 6th International Flora Malesiana Symposium, University of the Philippines-Los Banos, College, Laguna, The Philippines, September 2004.

22. Yap-Dejeto L. G. 2010. Development of quantification methods for the marine diatom, Pseudo-nitzschia spp. Resource Person. DNSM Research Forum, University of the Philippines in the Visayas Tacloban College, Tacloban City. July 14, 2010.

23. Yap-Dejeto L. G. 2007. Observation of *Pseudo-nitzschia* seasonal occurrence in San Pedro Bay. Lecture-Forum on Marine Toxins and Harmful Algae in conjunction with UPVTC's 34th Anniversary Celebration. UPV Tacloban College, Tacloban City. July 18, 2007.

MEDIA INTERVIEWS

Interviewed for ViceAsia on Typhoon Odette Relief Operations in Leyte. January 20, 2022, https://www.instagram.com/p/CY80Xh6LeSj/?utm_medium=copy_link

A live radio interview in Eagle Broadcasting Corporation's Syensya Na, Tekno Pa (Mussel Glycoen) May 15, 2022 at 10:00AM https://www.facebook.com/RadyoAgila1062/videos/424051216225896

Interviewed by: Lyn B. Resurreccion of Business Mirror for Mussel Glycogen (Date of Inter-view: May 27, 2022). Link to the article: https://businessmirror.com.ph/2022/05/29/cosmetics-from-tahong-anyone/

DZRH - Radyo Henyo. June 19, 2022 at 4:30PM. Mussel Glycogen in Cosmetics. Hosts: Mr. Angelo Palmones and Dr. Ruby Cristobal.

DZXL “Asenso Pinoy” August 27, 2022 2:00-3:00 PM. Three Philippine mussels used in the development of cosmetic products/Glycogen from Philippine mussels. Host: Ms. Conde Batac. https://www.youtube.com/watch?v=9LrZnLrOLnI

Net25 EBC in LET'S GET READY to TV Radio - Jul 22, 2022 12:00 NN-2PM. Mussel Glycogen for Cosmetics. Hosts: SIR GLENN GATUS & SIR DON OROZCO. https://www.facebook.com/RadyoAgila1062/videos/2313236888828785/

17th National Biotechnology Week with Department of Interior and Local Government (DILG) of DOSTPCAARRD. Webinar on S&T Agri-Aqua Biotech Applications via Stream yard and Facebook. November 25, 2021
https://www.facebook.com/PCAARRD/videos/892307624802994

OTHER FORMS OF PUBLIC SERVICE

Featured as Frontiers of Philippine Planktology; Period: December 2020
https://www.facebook.com/Pinoyplankton/posts/pfbid02RK8Z3FVpyHtqpmdpFmHftkZGaCBSFdmKN7GyN9tdJoKdLD7giJ4KMn83vryCpH8l

“Three Philippine mussels used in the development of cosmetic products: DOST PCAARRD. Website
http://www.pcaarrd.dost.gov.ph/home/portal/index.php/quick-information-dispatch/3944-three-philippine-mussels-used-in-the-development-of-cosmetic-products?fbclid=IwAR2psdDoRKJe6zdtUOKC46OJ2bQKGDP--UjQxQ5IazsPJVpfP6h_fiHhfi4

Media partners who picked-up the article on Mussel cosmetics (incomplete list):
Manila Bulletin, https://mb.com.ph/2022/05/25/tahong-as-cosmetics-dost-pcaarrd-proves-its-not-just-for-food/

Inquirer.net, https://newsinfo.inquirer.net/1603156/from-dost-skin-care-with-a-touch-of-tahong

Palawan News, https://palawan-news.com/three-philippine-mussels-used-in-the-development-of-cosmetic-products/

Daily Guardian, https://dailyguardian.com.ph/three-philippine-mussels-used-in-the-development-of-cosmetic-products/

Position Paper: How to Win Against the COVID-19 Pandemic: A Position Paper for Tacloban City, Writer/Contributor

KEYNOTE SPEAKER/PLENARY SPEAKER

Keynote: “The Whys and How's” of Research Theme: "Strengthening Research and Innovation Towards Sustainability" 2nd Students Research Congress, 29-30 April 2019

Keynote: WATCH HAB R8: Warning and Technology to Combat Hazards on Harmful Algal Blooms in Region VIII and the Importance of the social aspects of "Red Tide". Human Ethics and Use of Social Representation Approach/Theory in the conduct of Social Science Research. Samar State University. August 10 and 13, 2020

Plenary speaker on Curriculum Development for Marine and Environmental Issues at the 2023 VISAYAS REGIONAL SCIENTIFIC MEETING with the theme “AGHAM AT TEKNOLOHIYA PARA SA DEMOKRASYA (Science and Technology for Democracy) “ held on 26-27 April 2023 via Zoom and Facebook Live.

Plenary Speaker during the Philippine Science High School-EVC SMT Fair 2023 held on March 28-30 at the PSHS-EVC Gymnasium

SEMINARS/WORKSHOPS ATTENDED AS RESOURCE PERSON *(not updated)*

Guest speaker during, TAKIPSILIM: Discover the Materials Scientist in You of the UP-Materials Science Society. 11th day of February, 2023. Via Zoom

Resource Speaker and Evaluator. FISHERIES AND AQUATIC RESOURCES RESEARCH PROPOSAL WRITESHOP. Samar State University. (23 July, 13 August 2023)

Resource Person. Single cell isolation and microalgal culture training workshop- Oct 27-29, 2022, MSU Naawan, Naawan, Misamis Oriental.

Speaker. Episode 3 (VLE Summit) of Remote Control: Taking Control of Teaching and Learning. UPVTC.19 Oct2021

Resource Speaker. #CystTheDay: A Virtual Workshop on Dinoflagellates Cysts on October 20, 2020 via

Zoom.

Resource Speaker. Virtual Workshop on Phytoplankton Microscopy. UPV-Tacloban and Samar State University Workshop. Sep 30, 2020 via Zoom

Resource Speaker. Research Proposal Writing Workshop -UPVTC. Sep 12-13, 2019

Resource Person. Diatom Taxonomy. DLSU Manila, 19 July 2019

Resource Speaker. Workshop on Research Proposal Writing on Identified R&D Thematic Areas for the Caraga Region. Surigao State College of Tech. July 11-12, 2019

Resource Person. Red Tide Network: RESEARCH PROPOSAL WRITING BOOT CAMP. Samar State University. Catbalogan City. June 15, 2018.

Resource Speaker. 2nd International Research Forum in Education, Sciences and the Social Praxis (IRFESSP-Cebu). Asian Intellect. Cebu City. April 16, 2018.

Resource Speaker. 21st Graciano Lopez Jaena Community Journalism Workshop. UPV Iloilo Campus. 3-8 December 2017.

Resource Person. Regional Science Research Summit. Leyte Normal University. LNU. October 27, 2017.
Speaker. Gender and Development-Gender Sensitivity Training. National Telecommunication Officers and Staff -April 2016, Naval City

Speaker; Research Proposal Writing Bootcamp for Partido State University-February, 2016 Camarines Sur

Speaker; Research Proposal Writing Bootcamp for UPV-Tacloban -January, 2016 Palo, Leyte

Speaker. Training Needs Assessment for Gender and Development Program. Bureau of Treasury Officers and Staff,-December 17-18, 2015, Catbalogan City

Speaker. Research Planning, Writing and Dissemination Workshop. Biological Society Bio Week.
--February 18, 2015, UPVTC
Speaker. Technical Writing Workshop. Biological Society Bio Week.
--October 28, 2015, UPVTC
Resource Speaker. Seminar-Workshop on Science Investigatory Project. For Cirilo Roy Montejo HS
--July 19 , 2014 at Cirilo Roy Montejo HS
Resource Speaker. Technical Writing Workshop
--21 August 2013, AS Conference Hall, UPV-Tacloban College.
Resource Speaker. Seminar-Workshop on Science Investigatory Project.
--July 6 , 2013 at Cirillo Roy Montejo High School, Tacloban City
Resource Speaker. Research Planning and Technical Writing Workshop
--12 September 2012 , BIOWEEK Celebration, UPV-Tacloban College, Tacloban City

Resource Speaker. 2012 Philippine Society of Youth Science Clubs (PSYSC) National Science Clubs SUMMIT--8 September 2012, LIDE Learning Center, Sogod, Southern Leyte

Resource Speaker. Department of Natural Science and Mathematics Forum
--July 2010, AS Conference Hall, UPV-Tacloban College.
Resource Speaker. Affirmative Action Program for High School Students
--July 2010, UPV-Tacloban College.
Resource Speaker. Lecture-Forum, UPV-TC's 34th Anniversary
--July 2007, AS Conference Hall, UPV-Tacloban College.
Resource Speaker. Gender Sensitivity Training for Lawaan
--Feb. 2006, Lawaan, E. samar
Resource Speaker. Community Health and Environment Awareness Seminar
--January 2006. Lawaan, E. Samar.OCEP
Speaker. Gender Sensitivity Training for Lawaan Eastern Visayas State University
--November 2005, EVSU, Tacloban City
Speaker. Gender Sensitivity Training Samar State University Faculty
--September 2005. Samar State Univ. Catbalogan Samar
Speaker. Seminar/Lecture on Seaweeds
-- November 2004, Capoocan, Leyte, BEES of the DNSM, UPV-Tacloban College, Tacloban
Trainer. Affirmative Action Program for High School Students
--- July 1997-2003, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines Speaker. Seminar on Coastal Resources Management for the Fishermen in Samar
--- April 1996, Guiuan Development Foundation Inc., Guiuan, Eastern Samar, Philippines
Speaker. Seminar/Lecture on Giant Clams
--- May 1996, Guiuan Development Foundation Inc., Guiuan, Eastern Samar, Philippines
Speaker. Seminar on Coastal Resources Management for the Sanguniang Kabataan (Youth Leaders) of

Samar--- December 1995, Guiuan Development Foundation Inc., Guiuan, Eastern Samar, Philippines

OTHER RECOGNITIONS FOR SERVICES RENDERED*(not updated)*

- Accredited One Expert subject matter specialist on Marine Science by the DOST Region VI in 2022, 29 April 2022

- Affiliate Assistant Professor, Faculty of Mgt and Dev Studies, **UP Open University,** 2012 until present.

- Member of the Management Body (MB) of the Fisheries Management Area 8 (FMA 8), and Academic Representative starting August 24, 2023

- Judge (Oral Presentation Category) at the at the 55th Federation of Institutions for Marine and Freshwater Sciences (FIMFS) Conference, MSU-TCTO, Bongao, Tawi-tawi, 06-08 December 2023

- Workshop Leader in the Blue Carbon Regional Symposium (BCRS) On the Blue Carbon Strategy) held last 15-16 March 2023, IESM, UP Diliman

- Member, Research Panel during the MD 18th Batch Research Presentation 2023 of the Department of Medicine, UPM-SHS, conducted on October 5, 2023, UPM-SHS Palo Main Campus

- Working Committees for BCnet-Visayas 2nd Training Course on Mangrove BlueCarbon Survey and Integrated Network-based Management for Southeast Asian Coasts (InMSEA) Exit Conference on 11-14 April 2023

- Judge at the 17th National Symposium in Marine Science 20-22 July 2023, Batangas State University

- Member, MSES Environmental Science Comprehensive Examination Committee 26 October 2023

- Evaluator. SSU – CESTI In-House Review for Completed Researches 2021. Feb. 17-18, 2022, SSU via Zoom

- TWG Member (Evaluator). Evaluation of NSTEP Visayas Proposals for Funding. November 22, 2021 – December 10, 2021 via Zoom

- Panel Member. Episode 3 (VLE Summit) of Remote Control: Taking Control of Teaching and Learning. 19 October 2021 via ZOOM

- Panelist. Hisgut Kalibungan series entitled "Huruhisgutay Episode 6: Solid Waste Management in Eastern Visayas". 30July2021. UP Tacloban Leyte Samar Heritage

- Facilitator. Webinar on Human Ethics and Use of Social Representation Approach/Theory in the conduct of Social Science Re-search. August 12, 2020 , SSU and via Zoom

- Moderator during the “Pagsurumpay Online Talk Series. ChemTalk: Responding to High Demand for Essential Chemicals in the Midst of the COVID-19 Pandemic” 4 June 2020

- Judge. Regional Festival of Talents Cum Yes-O Camp and Science-Math Fair for School Year 2015-16 at Hilongos, November 12-14, 2015, VNHS, Hilongos, Leyte,
- Judge. MINDBREAKERS 2015. November 17, 2015. UPVTC,
- Judge in the Best Poster Competition, 13th Annual Scientific Conference PSSN, 21-25 May 2013 at Cebu Business Hotel, Cebu City
- Judge. Mind Breakers 2013, Tau Omega Mu. 26 July 2013 at MPB, UPV-TC
- Judge. Regional Science and Technology Fair 2013-14. Oct 3-4, 2013 at the RELC-NEAP, DepEd Office, No. VIII
- Judge in the Best Poster Competition, 13th Annual Scientific Conference PSSN. 21-25 May 2013 at Cebu Business Hotel, Cebu City
- Judge in the Mind Breakers 2013. Tau Omega Mu, 26 July 2013 at MPB, UPV-TC
- Judge. Regional Science and Technology Fair 2012-2013. 7 October 2012, Department of Education RegionVIII, Palo, Leyte
- Judge. Undergraduate Research Forum. 26 September 2012 , Leyte Normal University, Tacloban City
- Judge in the Search for the 2009 Best Undergraduate Thesis in Biology. September 2009, UP Mindanao

- Group Leader, “Kami Naman” Philippine Cultural Dance and Song Presentation. Tokyo International Exchange Center (TIEC) Festival, 2008.

- Coordinator, World Food Stand. Filipino Refreshments. Tokyo International Exchange Center (TIEC) Festival, 2008.

- Reviewer: RSB Prof. Chair of Dr.M. Sumagaysay. UPV-TC, March 15, 2006

- Faculty volunteer in Biology during the Tutorials for Senior High School Students. July 2003, Pahinungod Volunteer's
- Month ,AS, UPV Tacloban College, Tacloban City

- Paper Presenter, 30th Founding Anniversary Lecture Series July 2003 , Faculty Conference Hall, AS, UPV Tacloban College, Tacloban City

- Assistant, 3rd Asia-Pacific Marine Biotechnology Conference. 28 November-1 December 1999, Marine Science Institute, University of the Philippines, Diliman, Quezon City

- Technical Staff, 5th National Symposium in Marine Science. October 1999, Marine Science Institute, University of the Philippines, Diliman, Quezon City

- Assistant, 4th International Conference on the Marine Biology of the South China Sea. October 1999, Marine Science Institute, University of the Philippines, Diliman, Quezon City

- Coordinator, Summer Institute in Geology for Region VIII. 14-17,April 1998 MPB, UPV Tacloban College, Tacloban City

- Tagatangkilik at tagasuporta ng Guian Development Foundation Inc. 10 taong Anibersaryo ng GDFI. August 1998, Guiuan, Eastern Samar

- Documenter, Strategic Planning Workshop for CB-CRM Program in Eastern Samar. 3-5 July 1998, GDFI Environmental Training Center, Guiuan, Eastern Samar

COMMITTEE MEMBERSHIPS/APPOINTMENTS *(not updated)*

- Program Coordinator, for B.Sc. Biology (2018-2022)

- Coordinator, Gender Development Program in UPV Tacloban College, Tacloban City. 2005 June-April 2006; October 2015 – 2017

- Panel Evaluator. Environmental Sustainability Research and Development Center (ESRDC) Research and Extension Project Proposal In-House Review for 2024 Funding. November 15, 2023 at Samar State University - Main Campus

- Chair, Working Committee for the Yamang-Kalawakan ng PINAS: A Caravan of the Philippine Space Agency. AO 24 November, 2023

- Chair, Scientific Committee; Member, Steering Committee Eastern Visayas Research Congress Working Committees, 3 November 2023

- Member, BS Bio Curriculum Revision

- Member Institution/Adoption of MSES

- Member, Academic Affairs Committee, University of the Philippines, Visayas. June 2015- present

- Chair, Academic Affairs Committee, University of the Philippines, Visayas. June 2010-2015

- Member, UPV Curriculum Committee 2012-2013

- Member, Committee to study a proposal on Leveraging UPV's Resources for Research and Extension Purposes 2012 -2013.
- Member, DAPC of the DNSM in UPV-Tacloban College. June 2003 – 2015

- Member, Review Committee on project proposal of Water Ski Philippines 21 Jan 2013 M

- Member, Scientific Technical Committee (12th PAMS), October 2013

- Public Relations Officer, Science and Technology Advisory Council in Japan (STAC-J), Tokyo, Japan April 2008-May 2009

- Coordinator, Tuloy Aral Kabayan-Computer (TAK-C), Tokyo, Japan April 2008-April 2010

- Board Member, OFW-Shien Cooperative, Tokyo, Japan June 2007-December 2009

- Member, Leyteno-Samareno in Japan, Tokyo, Japan April 2009-present

- Member, Association of Filipino Students in Japan, Tokyo, Japan April 2006-March, 2010

- Chair, Secretariat for SWF Seminar. 8 January 2004; UPV-Tacloban College, Tacloban City

- Member, Leyte Provincial Seaweed Development Council August, 2003- present; DTI, Leyte Provincial Office, Tacloban City

- Member, Committee on Culture and the Arts. January 1, 2004 – December 31, 2004, UPV-Tacloban College, Tacloban City

- Member, Region 8 GIS Network. November 2002- present; Leyte-Samar Heritage Center, UPV-Tacloban College

- University Counterpart, REIS Project. November 4, 2002 – May 31, 2003

- Member, Balangiga Photo Exhibit Team of the Centennial Committee September 1998

SEMINARS/WORKSHOPS ATTENDED AS A PARTICIPANT*(not updated)*

- 2nd International Conference in Fisheries and Aquatic Science on January 26-27, 2016, at Amigo Terrace Hotel, Iloilo City UP Knowledge Festival on March 17-18, 2016 at UP Diliman, Diliman, Quezon City.

- Genome Assembly, Annotation, and Variant Calling Core Facility for Bioinformatics, Philippine Genome Center & Institute of Computer Science, June 22-23, 2016, University of the Philippines Los Baños

- Academic Visit to Southern Taiwan Universities. 24-27 May 2016

- UP Knowledge Festival: Utak at Puso para sa Bayan. 17-19 April 2016, Taal Vista Hotel in Tagaytay City

- Conference on Experiences and Lessons Learned in Rehabilitating Typhoon Damages Agriculture and PSAI 6th Biennial Convention. July 30, 2015. VSU, Baybay City.
- UPV Scientifc Writing Workshop. August 12-14, 2015.Visayas State University, Baybay City, Leyte.

- 4th Quarter Regional Gender and Development Committee (RGADC) VIII Meeting. RDC Conference Room, November 6, 2015. NEDA VIII Building, Government Center, Palo, Leyte.

- Training on "Enabling Resilience and Recovery among Survivors". January 17-18, 2014 at the College Conference Hall, UPV-Tacloban College Tacloban City

- Seminar Workshop on Academic Guidelines and Processes. August7, 2014 at UPV-Tacloban College

- Training for FAO Baseline Survey for the Rehabilitation Program for the Typhoon Haiyan Emergency Response in Region VIII. Aug 4, 2014, UPV-TC, Tacloban City

- Training in Experimental Research Design. 17July2013, UPV-Tacloban College

- Lecture on Correlational Design. 14 August 2013, UPV-Tacloban College

- Consultation Workshop on the new GE Philosophy for UPV Faculty. April 2013, UPV, Iloilo

- Biodiversity Conference-Symposium. November, 2012 UP-Diliman

- Program Review and Planning Workshop on UPV's Heritage Agenda for Visayas (OVCRE and OCEP). 14-15 March 2012, UP Visayas, Iloilo

- 2011 Southeast Asian workshop on Global Environmental Change and Health: Water Related Impact and Adaptations. 1-7 December 2011 , NCKU, Taianan, Taiwan

- UNESCO/IOC WESTPAC Training Course on Taxonomy and Ecology of the diatom Pseudo-nitzschia. 20-23 March 2011, UNIMAS, Kuching, Malaysia

- Marine Science Research and Coastal Marine & Resource Management. 25 February 2005 , Southern Leyte State University, Bontoc, S. Leyte

- 2nd Region GIS Conference of the Region 8 GIS Network. 24-25 November 2004, Southern Leyte State University, Sogod, S. Leyte

- 1st Annual Meeting of the NRCP Regional Cluster for the Visayas with the theme University-Industry-Government Collaboration in Research and Development in the Visayas thru NRCP. 13-14 May 2004, Faculty Conference Hall, UP Visayas Tacloban College, Tacloban City

- Lecture-Forum on “An Environmental Perspective of Life”. 28 January 2004, DM Conference Room, UP Visayas Tacloban College, Tacloban City

- English Language Update Seminar-Workshop for the UPVTC Faculty. 26 February 2003, DM Conference Room, UP Visayas Tacloban College, Tacloban City

- Trainer’s Training Workshop on Molecular Biology and Biotechnology and Scientific Forum on Current Issues on Research 21 January 2003, DM Conference Room, UP Visayas Tacloban College, Tacloban City

- Regional Forum on Biotechnology and GMOs- 21 November 2002 Leyte Park Hotel, Tacloban City
- Diatom Analysis of Sediments for Paleoenvironmental Studies: A training-workshop -26-27 July, 2001, National Institute of Geological Sciences, CS, University of the Philippines, Diliman, Quezon City

- 23rd National Academy of Science and Technology Annual Scientific Meeting-11-12 July, 2001, Manila Hotel, Manila, Philippines

- Population, Food Security and CBCRM (Community Based Coastal Resources Management): A forum -29 March 2001, BAHAY NG ALUMNI Conference Room 1, University of the Philippines, Diliman, Quezon City

- 3rd Asia-Pacific Marine Biotechnology Conference- 28 November-1 December 1999, Marine Science Institute, University of the Philippines, Diliman, Quezon City

- 5th National Symposium in Marine Science- October 1999, Marine Science Institute, University of the Philippines, Diliman, Quezon City

- 4th International Conference on the Marine Biology of the South China Sea- October 1999, Marine Science Institute, University of the Philippines, Diliman, Quezon City Seminar-Workshop in the Implementation of the U.P. Academic

- Research Agreement on Bioprospecting- March 1999, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- Writing Research Proposal (WREP)- March 1999, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- Training on Team Building and Feminist Theorizing- January 1998, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- Seminar on Alternative Research Methods (ARM)- November 1997, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- UPV Ugnayan ng Pahinungod 2nd General Assembly of Volunteers- October 1997, Punta Villa, Arevalo Iloilo City, Philippines

- Paghahanda sa Pagsubok ng mga Textbook sa Agham at Metematika (Preparatory Activities for Field Testing of Textbooks in Math and Science in Filipino)- May 1997, Innotech, University of the Philippines, Diliman, Quezon City

- Alternative Strategies for Effective Teaching: Information Processing - November 1996, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- Seminar/Lecture on Geological Sciences- November 1996, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- 4th National Symposium in Marine Science- May 1996, University of San Carlos Talamban Campus, Cebu City, Philippines

- Region-Oriented Seminar Workshop in Research- December 1996, University of the Philippines in the Visayas-Tacloban College, Tacloban City, Philippines

- Mini-Symposium on the Understanding of Tropical Marine Productivity and Harmful Algal Blooms- September 1995, Marine Science Institute, University of the Philippines, Diliman, Quezon City

CLASSES/SUBJECTS TAUGHT:

GE Courses:
Natural Science I
Natural Science II
STS 1 (Science Technology and Society)
Biology 1
Geology 11
Science 11

Major Courses:

Botany 10 (General Botany)
Biology 140 (Elementary Genetics-Lecture)
Biology 140.1 (Elementary Genetics-Laboratory)
Biology 150 (Cell Biology)
Biology 152 (Cell Biology and Biotechnology)
Botany 109 (Plant Taxonomy)
Zoology 111 (Invertebrate Zoology)
Biology 161 (Field Biology)
Biology 198 (Special Problem in Biology/Thesis)
Biology 199 (Special Problem in Biology/Thesis)
Biology 189 (Technical Writing)
Biology 196 (Seminar in Biology)
Marine Biology 110 (Marine Plants)
Marine Biology 114 (Marine Plankton)

MS 240/ENRM 240 (Aquatic Environments), UP Open University
ENRM 247 (Management of Marine Protected Areas), UP Open University
ENRM 290(Special Problem), UP Open University
ENS 203 Advance Aquatic Ecology
Other MS Environmental Science Classes

OTHER AWARDS/FELLOWSHIPS/GRANTS *(not updated)*

- Scientist I (UP Scientific Productivity System, 2024-2026)

- PRIME Alumni for Research Awards at the 50th Anniversary of Biology Program of UP Cebu March 22, 2025.
- The UP Tacloban Excellence Awards for Most Outstanding Faculty. Harangdon: The UP Tacloban Excellence Awards. May 23. 2022. UP Tacloban College.
- One UP Professorial Chair Awards (2022-2024; 2025-2027)
- Outstanding RDE Paper (Research-Applied Project Category), 35th Joint VICARP and RRDEN Regional RDE Symposium on November 30-December 1, 2023. VSU, Baybay Leyte. Leni G. Yap-Dejeto*, Mitchell Mark B. Marmita, Paulo Ranji A. Hipe, Eugie V. Cinco, Rolly G. Fuentes, Victor Marco Emmanuel N. Ferriols
- Best Completed Paper-Research Category (2nd Place) , Cluster 1 (Level2) Inter-Agency Research and Development Extension (RDE) Review on August 24-25, 2023, SLSU, Sogogod, S. Leyte. Leni G. Yap-Dejeto*, Mitchell Mark B. Marmita, Paulo Ranji A. Hipe, Eugie V. Cinco, Rolly G. Fuentes, Victor Marco Emmanuel N. Ferriols
- Invention Disclosure Incentive (IDI) Award. Agham + Sining: UP Innovation and Knowledge Festival 2022" on November 28-29 at the UP Bonifacio Global City (BGC) campus.

Best Posters. *(not updated)*

- Best Scientific Poster in Agricultural Sciences Division during the 43rd National Academy of Science and Technology Annual Scientific Meeting (43rd NAST-ASM) held virtually last July 12-15, 2021. Title: "Establishment of Database on Seasonal Variability of Phytoplankton Community in Five HAB Affected Bays in Region VIII" Authors: Mark Leonard S. Silaras (Presenter), Stephanie Faith P. Ravelo, Eugene G. Abria and Prof. Leni G. Yap-Dejeto of DNSM, UPVTC and Jason A. Ocampo, Ma. Luningning L., Amparado and Marietta B. Albina of SSU. The poster is an output of an ongoing DOST- PCAARRD funded Project 1 of the WATCH HAB R8 Research Program "Warning and Technology to Combat Hazards of Harmful Algal Blooms in Region VIII" with Prof LG.Yap-Dejeto as Principal Investigator

- Best Poster (Undergraduate Category. During the 5th Annual Nat'l Science Convention, PSSN, PAC, Magalang Pampanga, May 2005.)

- 2nd Best Poster. 55th Federation of Institutions for Marine and Freshwater Sciences (FIMFS) Conference, MSU-TCTO, Bongao, Tawi-tawi, 06-08 December 2023 HAB-Causing phytoplankton and water quality assessments of an area where freshwater meets the sea in Carigara, Leyte - Lyka Superable, Jeremy Romero, Kimverly Leseguis and Leni Yap Dejeto*

- ❖ 2nd Best Poster. 7th International Conference for Fisheries and Aquatic Sciences (ICFAS 2023), UP Visayas, Iloilo City, 18-20 October 2023. Initial observations of phytoplankton assemblage in the coastal waters of Calbayog City, Samar, Philippines - Moira Romina Jude Yu, Jeremy B. Romero, Kimverly T. Leseguis, Leni G. Yap-Dejeto

- ❖ 2nd Best Poster – PAMS, 2019

- ❖ 3rd Place Best Scientific Poster Presentation, Annual Scientific Conference and 15th NRCP General Membership Assembly, UPV Tacloban, May, 29, 2018.

- ❖ 3rd Place Best RDE Poster. ViCAARP RRDEN Symposium. November 21-23, 2018. Visayas State University, Baybay, Leyte

- ❖ 3rd Place Best Poster. During the 4th Annual Nat'l Science Convention, PSSN, Bohol, May 2004.

- ONE-UP Award 2019

- USAID-STRIDE Post-doctoral Scholarship -August 2016 – August 2017

- Monbukagakusho Japanese Government Scholar -April 2006-March 2010

- 2005 UP President's International Publication Awardee (Awarded last 28 February 2005, NISMED Auditorium, UP Diliman)
- 2004 UP President's International Publication Awardee (Awarded last 28 February 2005, NISMED Auditorium, UP Diliman)
- 2005 Professorial Chair Awardee, UP Visayas DOST-PCAMRD Fellow (M.Sc. Studies) – June 1999-March 2003
- DA-BAR thesis Grant (M.Sc. Thesis) -2003-2004
- CHED thesis Grant (M.Sc. Thesis) -2003-2004
- NRCP thesis Grant (M.Sc. Thesis) -2003-2004
- College Scholar (1st Semester, 1999-200; 2nd Semester, 1999-2000; 1st Semester, 2000-01)

MEMBERSHIP POSITION IN ACADEMIC/PROFESSIONAL ORGANIZATIONS & SOCIETIES

Local/National

- **Vice President**, NRCP (National Research Council of the Philippines) Visayas Cluster (2026-2028)
- **President**, BIOTA (Biological Teachers Association of the Philippines) Eastern Visayas Chapter (2024-2026)
- Board of Directors (Tertiary) BIOTA-Eastern Visayas Chapter (2019-2024)
- Regular Member, National Research Council of the Philippines
- Member, Eastern Visayas Association of Museums
- Member, Philippine Association of Marine Sciences
- Member, Philippine Society for the Study of Nature

International

- Member, Phi Kappa Phi Honors Society
- Member, International Society for the Study of Harmful Algae
- Member, Association for the Sciences of Limnology and Oceanography
- **Officer**, Science and Technology Advisory Council-Japan Chapter (2007-2010)
- Member, Philippine Association of Japanese Government Scholars
- **Founding Member**, Leyteños-Samareños in Japan

Proposed Faculty Regent Plan of Action for 2027–2028

Leni Yap-Dejeto
Professor 12
Department of Biology and Environmental Science, College of Science
University of the Philippines Tacloban

A faculty regent is a conduit of the whole faculty body of the entire University of the Philippines system to that of the administration primarily to the Board of Regents (BOR) is the highest policy-making and governing body of the University of the Philippines (UP) System. It serves as a representation of all faculty members.

I have been a faculty member of the University of the Philippines Tacloban since 1996. I had my share of frustrations, excitement, anxieties, and triumphs as a member of this institution. I started as a young and fumbling faculty member juggling the demands of teaching, research, and public service, and growing into a senior faculty member of a university that is in the precipice of AI.

These experiences have taught me that the concerns of faculty members are not always the same across disciplines, campuses, and career stages. However, they deserve equal attention and consideration. Thus, I propose the following:

1. Establish a More Accessible and Responsive Faculty Regent Communication Platform

Faculty members should have easy access to accurate information on UP System policies, administrative guidelines, protocols, and BOR decisions. Navigating these policies can sometimes be challenging, particularly when information is dispersed across different offices, websites, and issuances.

I propose the development of a responsive, AI-assisted support bot accessible through the existing Faculty Regent FB webpage and, where feasible, commonly used messaging platforms such as Messenger.

The platform would have the following objectives:

1.1 Provide quick access to relevant UP System policies, guidelines, administrative issuances, and faculty-related protocols.

1.2 Help faculty members navigate procedures concerning appointments, tenure, promotion, leave privileges, benefits, and other personnel matters.

1.3 Direct users to the appropriate offices and official sources when queries require clarification or formal action.

1.4 Serve as an accessible channel for submitting questions, concerns, and feedback to the Office of the Faculty Regent.

The goal is not to replace human consultation or the relevant university offices, but to make information more accessible, improve communication, and ensure that faculty concerns are heard and appropriately directed. I do not promise to have this all up in my term, but hopefully, objectives 1.1 and 1.2 could materialize by the end of my term.

2. Advocate for Equitable Faculty Career Progression and the Creation of Items for Tenure-Track Faculty

One persistent concern across the UP System is the situation of junior faculty members who are already performing academic responsibilities but remain without permanent plantilla items. This creates uncertainty in their career progression, security of tenure, and long-term professional development.

Faculty members should not be expected to continuously perform the responsibilities and meet the expectations of an academic career without a corresponding institutional commitment to their professional security and advancement.

In addition, support to senior faculty members for their retirement should be pursued. This may include finding ways to monetize leave of absences, for example.

3. Initiate a System-wide Dialogue on the Future of Graduate Education in the Age of Artificial Intelligence

Our graduate programs, particularly our MSc and PhD programs, must respond to these changes brought by AI. We need to critically examine whether our existing requirements adequately prepare graduates for the academic, professional, and societal challenges of the coming decades.

I propose initiating a system-wide dialogue on how we can reimagine graduate education without compromising academic rigor, research integrity, and the intellectual depth expected of advanced degrees.

Among the possibilities worth exploring are:
3.1. Diversifying doctoral and master's degree outputs. Beyond the traditional thesis or dissertation, graduate students may be allowed to demonstrate original and substantial contributions through patents, technological innovations, creative works, policy innovations, and other forms of scholarly output appropriate to their disciplines.
3.2. Recognizing community-based and applied research. A documented, measurable, and independently evaluated improvement in an adopted community, resulting from rigorous research and innovation, may serve as an alternative or complementary demonstration of doctoral-level contribution.
3.3. Revisiting research and assessment methodologies. Graduate programs must develop appropriate ways of assessing independent thinking, critical analysis,