

DONNA M. GUARTE

Cabulihan, Maasin City, Southern Leyte, Philippines 6600

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PERSONAL INFORMATION

Age	: 34 years old
Date of Birth	: January 30, 1989
Citizenship	: Filipino
Gender	: Female
Marital Status	: Single
Religion	: Roman Catholic
Height	: 5ft
Weight	: 50 kgs.

EDUCATIONAL BACKGROUND

2017-2020	PhD in Marine Biology (<i>Excellent Academic Activity Award</i>) Kochi University Kochi, Japan “Early life history of scombroid fishes (Scombridae, Trichiuridae and Gempylidae) in Tosa Bay, Japan”
2010-2015	Masters of Science in Biology University of the Philippines Visayas Miagao, Iloilo, Philippines 5023 Thesis Title: “Early life growth of the white spotted siganid, “ <i>Siganus canaliculatus</i> in Palompon, Leyte Philippines inferred from otolith microstructure”
2005-2009	Bachelor of Science in Biology - Marine Biology (<i>Cum Laude</i>) Visayas State University Visca, Baybay City, Leyte, Philippines 6521-A Thesis Title: “Effects of epiphytes on the primary productivity of farmed <i>Kappaphycus</i> and <i>Eucheuma</i> species in Danajon Is., Bato, Leyte, Philippines”
2001-2005	Secondary Education (<i>Valedictorian</i>) Guadalupe National High School Guadalupe, Maasin City, Southern Leyte, Philippines 6600
1995-2001	Primary Education (<i>Salutatorian</i>) Cabulihan, Elementary School Cabulihan, Maasin City, Southern Leyte, Philippines 6600

AWARDS and RECOGNITION

- **Excellent Academic Activity Award 2020.** November 2020. Awarded by Kochi University.
- **Excellent Article Award 2020.** June 2020. Awarded by La mer of the Japanese-French Oceanographic Society.
- **International Publication Award 2017.** December 2017. Awarded by University of the Philippines.
- **Manny Villar Excellence Award.** April 2009. Awarded by Hon. Manny Villar.

RESEARCH INTERESTS

- **Fish early life history:** taxonomy and distribution dynamics of egg, larva, and juvenile stages of pelagic marine fish; estimation of age, hatch dates and spawning months using otoliths
- **Fisheries ecology:** conservation and management of marine resources (reef/demersal/pelagic fisheries) through fisheries monitoring and assessments, reproductive biology, use of indicator species and estimation of spawning potential ratio and annual catch
- **Coastal resource management:** interconnectivity of coastal habitats through habitat assessments (mangroves, seagrass, corals) and use of indicator species

WORK RELATED SKILLS

- Fish Ageing Technique using otoliths (daily rings): sampling, processing, analysis
- Fish clearing and staining: processing and analysis
- Identification of fish larvae, juveniles and adults, corals, seagrass, mangroves and macroinvertebrates
- Certified PADI Open Water Diver, since May 2008: ~200 dives, mostly work-related
- Computer literate
- Resourceful, flexible, open-minded, with good communication skills and knowledgeable in locating needed information for effective learning
- With good working attitude and able to work with minimal supervision
- Can speak and understand English, Tagalog, Cebuano and Ilonggo
- Can understand some basic Japanese

WORKING EXPERIENCE

- **Instructor** (August 2021-present)
Visayas State University, Baybay City, Leyte, Philippine 6521
- **Research Associate** (February 2016-September 2017)
- **Senior Research Assistant** (April 2015-February 2016)
- **Research Assistant** (July 2009-March 2015)
OceanBio Laboratory, College of Arts and Sciences,
University of the Philippines Visayas, Miagao, Iloilo,
Philippines 5023

Work Description:

- setting-up, collecting and analyzing catch and effort data from fisheries
- ecological studies in reefs and seagrass beds where small scale fisheries operate
- biological studies on rabbitfish and blue crab fisheries that provide information for their proper management
- working closely with fishers in gathering information and providing feedback on fisheries management and vulnerability to global and local environmental changes

SHORT-TERM RESEARCH / ENGAGEMENT

- **Field assistant.** Project formulation for the northern Iloilo comprehensive fishery rehabilitation development project – Concepcion Fish Port.
July 2016, Concepcion, Iloilo, Philippines
- **Field assistant.** Baseline coastal habitat assessment and monitoring in Batbatan Island.
June 2016, Culasi, Antique, Philippines
- **Field assistant.** Baseline coastal habitat assessment and monitoring in Concepcion, Iloilo.
January 2016, Concepcion, Iloilo, Philippines
- **Field assistant.** Baseline coastal habitat assessment in Carles and Estancia, Iloilo.
October 2014, Iloilo, Philippines
- **Volunteer.** Post-typhoon Yolanda coral reef assessment in Concepcion, Iloilo.
May 2014, Concepcion, Iloilo, Philippines
- **Field assistant.** Coral reef survey and fisheries profiling in Caluya, Sibato, and Sibolo Islands. May 2013, Antique, Philippines
- **Volunteer.** Coral reef surveys in Concepcion, Iloilo Marine Protected Areas.
November 2012, Concepcion, Iloilo, Philippines
- **Field assistant.** Fisheries profiling in Central Antique.
August 2012, Antique, Philippines
- **Field assistant.** Fisheries profiling in north and south Gigantes Islands.
June 2012 and October 2014, Carles, Iloilo, Philippines

TRAINING / WORKSHOP

- **Organizer/Presenter.** Training on marine fish larvae taxonomy.
January 2019, University of the Philippines-Visayas, Iloilo City, Philippines
- **Resource person.** Participatory coastal resource assessment in West Danajon Bank, Bohol.
August 2016, Tubigon, Bohol, Philippines
- **Trainer.** Underwater reef assessment and monitoring surveys for the technical team of the Igang Bay Marine Sanctuary.
August 2015, Guimaras, Iloilo, Philippines
- **Trainer.** Training of local government unit personnel on fisheries monitoring.
October 2014, Concepcion, Iloilo, Philippines
- **Trainee.** Coastal fisheries stock assessment training.
December 2013, UP Los Baños, Laguna, Philippines
- **Trainee.** Reef check survey and methods training.
March 2013, Boracay Island, Malay, Aklan, Philippines

- **Trainer.** Participatory coastal resource assessment in Central Antique.
August 2012, Siraan, Antique, Philippines
- **Trainee.** Vulnerability assessment and climate change adaptation workshop.
June 2012, UP Diliman, Quezon City, Philippines
- **Trainee.** Vulnerability assessment of fisheries and coastal habitats.
July 2011, Lahug, Cebu City, Philippines
- **Trainee.** Recent mangrove and seagrass surveys and methods.
November 2010, Talibon, Bohol, Philippines

SYMPOSIUM / CONFERENCE / FORUM / EXCHANGE PROGRAM

- **Participant.** 2023 Visayas Cluster Call Conference.
February 2023. Grand Xing Imperial Hote, Iloilo City, Philippines
- **Participant.** 6th International Conference for Fisheries and Aquatic Sciences and Asian Fisheries Social Science Research Network Forum.
November 2021, University of the Philippines, Iloilo City, Philippines.
- **Presenter.** 13th International Kuroshio Science Symposium.
“Seasonal distribution of *Scomber* (Scombridae, Pisces) eggs and larvae in Tosa Bay, Japan”
November 2019, Tuguegarao City, Cagayan, Philippines
- **Presenter.** 52nd Annual Meeting of the Ichthyological Society of Japan
“Occasional asynchrony in the distribution of *Scomber* eggs and larvae in Tosa Bay, Japan”
September 2019, Kochi University, Kochi, Japan
- **Presenter.** 12th International Kuroshio Sciences Symposium and South China Sea Marine Conference
“Taxonomical review of *Auxis* (Scombridae) larvae in the Western Pacific”
November 2018, National Sun Yat-sen University, Kaohsiung City, Taiwan
- **Presenter.** 51st Annual Meeting of the Ichthyological Society of Japan
“Review of larvae of *Auxis* (Scombridae)”
October 2018, National Olympics Memorial Youth Center, Shibuya City, Japan
- **Participant.** Japan-Asia Youth Exchange Program in Science (SAKURA Exchange Program in Science). January 2017, Kochi University, Kochi, Japan
- **Presenter.** 1th DOST-SEI International Conference
“Early life growth of the white spotted rabbitfish, *Siganus canaliculatus* in Palompon, Leyte, Philippines inferred from otolith microstructure”
April 2016, Philippines International Convention Center, Pasay, Philippines
- **Presenter.** 13th National Symposium on Marine Science.
“Contribution to the feeding ecology of the compressed toby, *Canthigaster compressa* in two seagrass areas in the Visayas”
October 2015, General Santos City, Philippines
- **Presenter.** International Conference on Biodiversity, Ecology and Conservation of Marine Ecosystems.
“Comparing coral reef conditions before and after typhoon Haiyan in Concepcion, Iloilo, Philippines”
June 2015, Hong Kong University, Hong Kong
- **Participant.** Forum on Marine Protected Areas (November 2014).

- **Presenter.** 12th National Symposium on Marine Science.
“Comparing age of maturation of the white spotted siganid, *Siganus canaliculatus* in two areas with differing levels of fishing: INITIAL RESULTS”
October 2013, UP Visayas-Tacloban, Tacloban City, Philippines
- **Presenter.** 11th National Symposium on Marine Science.
“Initial Results: Early life history traits of the white spotted siganid, *Siganus canaliculatus* in Palompon, Leyte, Philippines”
October 2011, Tagaytay City, Philippines
- **Presenter.** 10th National Symposium on Marine Science.
“Effects of Epiphytes on the primary productivity of farmed *Kappaphycus* and *Eucheuma* species in Danajon Is., Bato, Leyte, Philippines”
October 2009, Davao City, Philippines

PUBLICATION

- **Guarte, D. M.,** L. C. Paraboles and I. Kinohita. 2019. Review of *Auxis* (Scombridae, Pisces) using collections from Tosa Bay, Japan. *La mer* 57: 43-50.
- Paraboles, L. C., **D. M. Guarte** and I. Kinoshita. 2019. Vertical distribution of eggs and larvae of *Maurollicus japonicus* (Sternoptychidae, Pisces) in Tosa Bay, Japan. *Plankton Benthos Res.* 14(2): 80-85.
- Acabado, C.S., **D.M. Guarte**, L.C. Paraboles and W.L. Campos. 2018. The fisheries profile of Gigantes Islands, Carles, Philippines and notes on its scallop fishery. *Phil. J. of Nat. Sci.* 22: 37-47
- **Guarte, D.M.** and W.L. Campos. 2016. First record of *Evoxymetopon taeniatus* (Family Trichiuridae) from the Philippines. *Acta Ichthyol. Piscat.* 46(4): 361-366. DOI: 10.3750/AIP2016.46.4.09
- Campos, W.L., **D.M. Guarte** and R. Ramiscal. 2016. State of capture fisheries in the Philippines. *In: Comprehensive national fisheries industry development plan: Medium-term update 2016-2020.* Bureau of Fisheries and Aquatic Resources. pp. 73-88. Download link: <http://www.bfar.da.gov.ph/publication.jsp?id=2340#post>

SCIENTIFIC ORGANIZATION

- Philippine Association of Marine Science
Member 2009 – 2016; 2023
- Ichthyological Society of Japan
Member 2018 – 2021
- Japanese-French Oceanographic Society
Member 2020 – 2021

REFERENCES

Name: **WILFREDO L. CAMPOS** *Dr. rer. nat*

Profession / Relationship: University Professor / Employer, Master Thesis Adviser

Affiliation: OceanBio Laboratory, Department of Biological Sciences,
College of Arts and Sciences, University of the Philippines -
Visayas, Miagao, Iloilo, Philippines

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Name: **DR. IZUMI KINOSHITA**
Profession / Relationship: University Professor/Phd course Adviser
Affiliation: Director, Usa Institute of Marine Biology, Kochi, University, Kochi,
Japan
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THIS IS TO CERTIFY THAT the above information are true and prepared by the undersigned.


DONNA M. GUARTE