

CURRICULUM VITAE



NOEL JOHN IAN FEBEN S. MAGUATE

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OBJECTIVE: To seek professional and educational growth that fully leverage and further develop my technical capabilities in scientific research.

Educational Attainment

2020 to 2024 **School of Graduate Studies, Mindanao State University-Iligan Institute of Technology (MSU-IIT)**

- Doctor of Philosophy in Biology
- DOST-ASTHRDP Scholar
- Best Dissertation Awardee
- Dissertation: “Diversity, Functional Annotations, and Antimicrobial Resistant (AMR) Gene Detection Surveillance of Bacteria Associated with the Epithelial Surface of *Hippocampus kuda* (Yellow Seahorse) from Bongo Island, Mindanao, Philippines.”

2018 to 2020 **School of Graduate Studies, Mindanao State University-Iligan Institute of Technology (MSU-IIT)**

- Master of Science in Biology
- DOST-ASTHRDP Scholar
- Thesis: “Identification of Bacteria Found in the Epithelial surface of Infected Deceased Seahorses and Bioactivity of Selected Macroalgae against *Vibrio* Species and its Implication to Conservation and Aquaculture.”

2014 to 2018 **College of Science and Mathematics, Mindanao State University-Iligan Institute of Technology (MSU-IIT)**

- Bachelor of Science in Biology (Major in General Biology)
- *Cum Laude*
- DOST-SEI Scholar
- DOST Excellence Awardee

- Natatanging Mag-aaral sa Larangan ng Haynayan 2018
- Thesis: “Assessment of Anti-bacterial Activity of *Hippocampus kuda* (Yellow Seahorses) Decoction Preparation from Parang, Maguindanao as used in Traditional Chinese Medicine.”

Trainings/Workshop/Seminars

- LC-MS/MS Proteomics Analysis: Principles and Applications Webinar. Philippine Genome Center (PGC) Mindanao. (June 4, 2024)
- Citizen Science Workshop: Saving Mr. Mom: Knowing and Conserving Seahorses in Mindanao. Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT). (April 30, 2024).
- Biobanking Activities: Showcasing Experiences and Best Practices from International Human Biobanks. Biobanking Core Facility at the Philippine Genome Center Building, A. Ma. Regidor Street University of the Philippines Diliman, Quezon City, 1101(April 8, 2024).
- Quantitative and Qualitative Research Methodologies: General Principles of Qualitative Research Design and Analysis (March 18, 2024)
- Disease Modelling Applications of Stem Cell Technology in the Philippines, Conference Hall, Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT) (January 10, 2024)
- The Next Pandemic: What Lies Ahead? (August 18, 2023), Webinar, Mindanao State University-Iligan Institute of Technology (MSU-IIT).
- Certificate of Appearance: Introduction to Bioinformatics and Linux Command Line Training (October 23, 2022)
- Certificate of Completion: Introduction to Bioinformatics and Linux Command Line Training (October 23, 2022)
- Intellectual Property Rights and Issues in Biological Researches. (October 18, 2021)
- Laboratory Animal Training for Biomedical Research. University of the Philippines Diliman Institutional Animal Care and Use Committee, Philippine Council for Health and Research and Development. (April 12, 21, 26 & May 3, 2021).
- Hackathon Training and Workshop (October 23, 2019)
- Symposium on 4C's: Crocodiles, Conservation, Culture, and Coexistence. PRISM-MSUIT (March 3, 2020)
- Philippine Red Cross: Leadership Development Program (LDP) (September 26, 2019)

- Aging: Lessons from a Tiny Worm. Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT) (August 8, 2018)
- Biodiversity, Climate Change, and Disaster Management. Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT)
- Summer Practical Training Program (SPTP). Department of Science and Technology-Autonomous Region in Muslim Mindanao (DOST-ARMM) Regional Standards and Halal Testing Laboratory (RSHTL). ORG Compound, Cotabato City. (June 08-July 21, 2017).

Conferences

- 3rd International Vietnam Conference on Earth and Environmental Sciences (iVCEES-2023), November 27 -December 1, 2023, International Centre for Interdisciplinary Science and Education (ICISE), Quy Nhon, Vietnam
- 11th Annual Conference on Environmental Science (ACES), November 8-10, 2023, Mindanao State University-Iligan Institute of Technology, Iligan City
- 3rd International Conference on Biodiversity and Climate Change, October 12-13, 2023, Misamis University, Ozamis City.
- 11th ASTHGRP Graduate Scholars Conference, September 26-27,2023, Philippine international Convention Center (PICC), Pasay City, Philippines.
- 9th International Conference of Fisheries and Aquaculture, August 25-26, 2022, Jakarta, Indonesia
- 48th Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc., Clark Marriot Hotel, Clark Freeport Zone Mabalacat, Pampanga, Philippines (July, 18-19, 2019).
- 47th Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc. (July 19-20, 2018)
- 16th Mindanao State University- Iligan Institute of Technology Annual In-House Review of Research and Development Projects (November 7, 2018)
- International Conference on Biodiversity and Climate Change 2018 (IConBacc2018) Misamis University, Ozamis City. (August 8-10, 2018)

Certificates

- Certificate of Recognition for Publishing Research in a Journal Index in the Web of Science (ISI) or Scopus for the Year 2023
- Certificate of Appreciation as a Committee Member in the Research Forum Entitled: Tiger Beetles as Flagship Bioindicators:

from Biodiversity and Ecology to Nature Conservation. Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT) (November 16, 2018)

- Certificate of Appreciation as a Committee Member in the Research Forum Entitled: Insect Diversity and Adaptation, Insect-Plant Interactions. Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT) (November 9, 2018).
- Certificate of Participation in completing Two-day Scholar's Formation Program on Patriotism. Premier Research Institute of Science and Mathematics (PRISM), Mindanao State University-Iligan Institute of Technology (MSU-IIT) (February 17-18, 2017).

Membership

- Lifetime Member of Philippine Society of Microbiology (20th of July 2018)

Eligibility

- Civil Service Commission (PD907)- Honor Graduate Eligibility

Publications

- Maguate NJIFS, Tabugo SRM. 2024. Diversity and functional annotation of bacteria community associated with the epithelial surface of *Hippocampus kuda* (yellow seahorse) and its surrounding environment. Biodiversitas 25: 2230-2240. DOI: 10.13057/biodiv/d250541
- Tabugo, S. R. M., Ortega, R. C. M. H., Padasas, C. S., Oñate, C. N. P., Dablo, G. A. N., Balatero, T. P., Maguate, N. J. I. F. S., Martinez, J. G. V., & Uy, M. M. (2023). Conservation initiatives of Syngnathiformes species in the southern Philippines: What does the mitochondrial DNA signature tell us?. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 33(3), 231-245. DOI: 10.1002/aqc.3924

References

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