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Research Gate: <https://www.researchgate.net/profile/Nickel-Jean-Lagare>

## NICKEL JEAN S. LAGARE-SASTINE, PhD.

### EDUCATIONAL ATTAINMENT

#### **Doctor of Philosophy in Biology** | 2017-2020

Mindanao State University – Iligan Institute of Technology, Iligan City, Philippines  
Dissertation: The Brachyuran Fauna of Mindanao Island, Philippines: Systematics, Diversity, and Distribution, With Notes on Conservation Status and Descriptions of New Species  
DOST – ASTHRDP Scholar

#### **Master of Science in Biology** | 2014-2017

Mindanao State University – Iligan Institute of Technology, Iligan City, Philippines  
**Thesis:** Species Diversity, Distribution, and Conservation of Freshwater Crabs (Crustacea: Brachyura) of Northern Mindanao, Philippines  
DOST – ASTHRDP Scholar

#### **Vocational** | 2011-2013

Fulltime Training in Malabon (FTTMa), Acacia St., Malabon, Metro Manila, Philippines  
Vocational training in life, truth, gospel, service, and character

#### **Bachelor of Science in Biology (major in Zoology)** | 2007-2011

Mindanao State University – Iligan Institute of Technology, Iligan City, Philippines  
Thesis: The Cavernicolous Crickets in Selected Caves in Davao Oriental and Northern Mindanao, Philippines

#### **Secondary Education** | 2003-2007

Special Science Curriculum-Learning Resource Center  
Panabo National High School, Gredu, Panabo City, Philippines

### PROFESSIONAL EXPERIENCE AND SERVICES

#### **Program Chairperson** — Master of Science in Marine Biodiversity & Master of Fisheries Management

August 15, 2022 - Present | Davao del Norte State College  
Assist Institute Dean and faculty members; prepares and coordinate faculty loads; develops and medium goals of the College; initiate curriculum revision; development, and budgetary requirement; presides over meetings of the department; designs programs and activities in line with the discipline; proposes, formulates, and recommends policies and procedures for student admission and retention; submits annual or periodic reports; and performs such other functions as delegated.

#### **Chairperson, Area VI** — Task Force for Level I Accreditation (MS Marine Biodiversity)

May 2022 - June 2022 | Davao del Norte State College  
Facilitate, supervise, facilitate preparation and acting counterpart during the internal and external AACUP Accreditation of the Institute of Advanced Studies

#### **Committee Member, Area III** — Task Force for Level I Accreditation (MS Marine Biodiversity)

May 2022 - June 2022 | Davao del Norte State College  
Plan, review, and package gathered evidence/documents for the internal and external AACUP Accreditation of the Institute of Advanced Studies

**NRCP Project BIOMES Consultant** — Project Consultant for Crustacean on Project BIOMES: Biodiversity assessments and monitoring of Mangrove Ecosystems in del Carmen Siargao

March 1, 2022 - Present | National Research Council of the Philippines

Conduct fieldwork and collection activities in del Carmen, Siargao Island based on the field of specialization; prepare and submit a written report, database, and digitized catalog of the species observed, and specimens collected in the field.

**Project Leader** — Research, Extension, and Production Office

February 2022 - Present | Davao del Norte State College

Project title: Coastal Resources of Davao del Norte as Basis for GIS-Based Assessment and Monitoring (Phase I)

**Project Leader** — Research, Extension, and Production Office

February 2022 - Present | Davao del Norte State College

Project title: Native Flora of Sitio Salawao, Sto. Nino, Talaingod (Phase I)

**Project Member** — Research, Extension, and Production Office

February 2022 - Present | Davao del Norte State College

Project title: Agroforestry Education Campaign for Sustainable Development in Salawao, Sto. Nino, Talaingod, Davao del Norte

**Project Member** — Research, Extension, and Production Office

February 2022 - Present | Davao del Norte State College

Project title: Mungbean (*Vigna radiata*) Production in POGSABUKA Community-Based Farm in Salawao, Sto. Nino, Talaingod, Davao del Norte

**Chairperson** — Committee for the Development of Innovative Graduate Programs Offerings

January 2022 – Present | Davao del Norte State College

Plan, propose, formulate and recommends feasible Doctorate degree that can be offered in the institute.

**Committee Member, Area V** — Task Force for Level III Accreditation (BS Food Technology)

January 2022 - May 2022 | Davao del Norte State College

Plan, review, and package gathered evidence/documents for the internal and external AACCUP Accreditation of the Institute of Aquatic and Applied Sciences

**Committee Member, Area VI** — Task Force for Level III Accreditation (BS Food Technology)

January 2022 - May 2022 | Davao del Norte State College

Plan, review, and package gathered evidence/documents for the internal and external AACCUP Accreditation of the Institute of Aquatic and Applied Sciences

**Chairperson, Area VII** — Task Force for Preliminary Survey Visit Accreditation (MA Basic Education major in English)

October 2021 - November 2021 | Davao del Norte State College

Plan, review, and package gathered evidence/documents for the internal and external AACCUP Accreditation of the Institute of Aquatic and Applied Sciences

**Committee Member** — Bids and Award Committee

June 2021 – Present | Davao del Norte State College

Conduct, recommend, and perform bidding process in accordance with RA9184

**Editor-in-Chief** — DNSC Research Journal

March 2021 – Present | Davao del Norte State College

Facilitate review process and regular journal publication

**Project Member** — Research, Extension, and Production Office

February 2021 – December 2021 | Davao del Norte State College

Project title: UAV Orthographic Mapping of the Panabo Mangrove Park

## Fulltime Faculty, Instructor I

August 2020 – Present | Davao del Norte State College

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### RESEARCH PUBLICATION

**Lagare, N. J. S.**, Mapi-ot, E. F., Molian, Z. S., Neri, J. M., Nuneza, O. M., and Mendoza, J. C. M. 2020. On a collection of freshwater and estuarine crabs (Crustacea: Brahyura) from Mindanao Island, the Philippines. *Zootaxa*. 4868 (3): 301-330.

Manzanares D. L., Morilla L. J. G., Malawani A. D., **Lagare N. J. S.**, Abrenica-Adamat L. R. 2015. Effects of oregano (*Origanum vulgare*) leaf extract on early life stages of *Artemia salina*. *AES Bioflux* 7(3):468-474.

**Lagare N. J. S.**, Nuñez O. M. 2013. The cavernicolous crickets in selected caves in Davao Oriental and northern Mindanao, Philippines. *ELBA Bioflux* 5(2):130-140.

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### SCHOLARSHIP AND GRANTS

#### DOST Research Enrichment Program

January 27 – February 28, 2022

National University of Singapore

#### Department of Science and Technology- Accelerated Science and Technology Human Resource Development Program (DOST-ASTHRDP) Scholarship

2017-2020 | Doctor of Philosophy in Biology

Mindanao State University – Iligan Institute of Technology, Iligan City, Philippines

#### Department of Science and Technology- Accelerated Science and Technology Human Resource Development Program (DOST-ASTHRDP) Scholarship

2015-2017 | Master of Science in Biology

Mindanao State University – Iligan Institute of Technology, Iligan City, Philippines

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### AWARDS AND RECOGNITIONS

#### Certificate of Recognition, 2<sup>nd</sup> Placer-Best Oral Presentation

December 2, 2021 | Pamulingan 2021

Tibal-og, Sto. Tomas, Davao del Norte, Philippines

#### Plaque of Recognition, Touch of Excellence Award

November 24, 2021 | DOST In Touch with Excellence

#### Best Paper Award, Research Category-Graduate Level

October, 2020 | 18<sup>th</sup> MSU-IIT Annual in-house Review of Research and Development Project MSU-IIT, Iligan City, Philippines

#### Best Poster Award, Biology Category

October, 2020 | 18<sup>th</sup> MSU-IIT Annual in-house Review of Research and Development Project MSU-IIT, Iligan City, Philippines

#### Certificate of Recognition, Oral Presenter

December 11-14, 2018 | 2nd Philippine Symposium on Freshwater Biodiversity and Ecosystems at the Institute of Biology

University of the Philippines- Diliman, Quezon City, Philippines

#### Best Paper Award, Research Category-Graduate Level

November 7, 2018 | 16<sup>th</sup> MSU-IIT Annual in-house Review of Research and Development Project MSU-IIT, Iligan City, Philippines

#### Certificate of Recognition, Oral Presenter

November 7, 2018 | 16<sup>th</sup> MSU-IIT Annual in-house Review of Research and Development Project MSU-IIT, Iligan City, Philippines

#### Certificate of Recognition, Oral Presenter

August 10, 2018 | International Conference on Biodiversity and Climate Change Misamis University, Ozamis City, Philippines

**Best Paper Award, Research Category-Graduate Level**

November 22, 2017 | 15<sup>th</sup> MSU-IIT Annual in-house Review of Research and Development Project  
MSU-IIT, Iligan City, Philippines

**Certificate of Recognition, Oral Presenter**

November 22, 2017 | 15<sup>th</sup> MSU-IIT Annual in-house Review of Research and Development Project  
MSU-IIT, Iligan City, Philippines

**Certificate of Recognition as Oral Presenter**

November 15-17, 2017 | 1<sup>st</sup> International Conference on Biodiversity  
Central Mindanao University, Musuan, Bukidnon, Philippines

**Certificate of Recognition, Natatanging Mag-aaral sa Larangan ng Pananaliksik**

February 15, 2015 | Gabi ng Parangal ng Dalubhasaan ng Agham at Sipnayan  
College of Science and Mathematics, MSU-IIT, Iligan City, Philippines

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## TRAINING AND WORKSHOP

**Certificate of Course Completion**

Dec. 31, 2022 | Focus on Peer Review  
Nature Masterclasses

**Certificate of Completion**

April 26-29, 2022 | Training on Fish DNA Barcoding  
University of the Philippines-Mindanao (Regional)

**Certificate of Completion**

April 25, 2022 | Training on Specimen Photography (Fish and Mollusks)  
University of the Philippines-Mindanao (Regional)

**Certificate of Participation**

March 28, 2022 | Webinar-Workshop pm Statistical Analysis with Jamovi Statistical Software  
Davao del Norte State College (Local)

**Certificate of Participation**

October 27-29, 2021 | Webinar-workshop on designing interactive and engaging strategies in managing synchronous and asynchronous classes for remote learning  
Davao del Norte State College (Local)

**Certificate of Completion**

October 24, 2021 | How to secure funding- ECR edition  
Elsevier Researcher Academy (International)

**Certificate of Completion**

October 24, 2021 | Structuring your article correctly  
Elsevier Researcher Academy (International)

**Certificate of Completion**

October 6-7, 2021 | Scientific Writing and Publication  
Davao del Norte State College (Local)

**Course Certificate**

July 30, 2020 | Getting Started with Google Sheet  
Coursera (International)

**Certificate of Participation**

June 21- July 6, 2021 | Advanced techniques in gene editing, florescence, bioanalytic, and qualitative proteomics  
Central Mindanao University, Musuan, Bukidnon, Philippines (National)

**Certificate of Attendance**

June 10, 2021 | Research Proposal Writing Online Course  
Department of Health- Center for Development (National)

**Course Certificate**

February 15, 2021 | Psychological First Aid  
Coursera (International)

**Certificate of Completion**

January 27- February 28, 2020 | Research Enrichment Program on Brachyuran Fauna Taxonomy and Systematics  
Lee Kong Chian Natural History Museum, National University of Singapore (International)

**Certificate of Completion**

July 27- August 17, 2019 | Training Workshop and 'Crash Course' in Brachyuran Fauna Taxonomy and DNA Barcoding  
Lee Kong Chian Natural History Museum, National University of Singapore (International)

**Certificate of Completion**

October 9-14, 2017 | Crash Course on Systematics, Evolution, and Phylogenetics  
MSU-IIT, Iligan City (Local)

**Certificate of Completion**

October 27-November 9, 2016 | Training on Freshwater Crab Taxonomy and Systematics  
Lee Kong Chian Natural History Museum, National University of Singapore (International)

**Certificate of Participation**

September 8, 2014 | Workshop on Phyto and Chemical Assay  
Department of Biological Sciences, MSU-IIT, Iligan City (Local)

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## RELEVANT ONLINE WEBINARS AND SEMINARS ATTENDED

**Certificate of Attendance**

October 19, 2021 | Preparing Education and Energy of a Changing Climate  
National Agency of Science and Technology

**Certificate of Participation**

September 30, 2021 | UPLB Museum of Natural History's Founding Anniversary Celebration  
Museum of Natural History

**Certificate of Attendance**

September 30, 2021 | NRCP webinar series: Kapakanan ng Tao sa Oras ng Pandemya  
National Research Council of the Philippines

**Certificate of Attendance**

August 26, 2021 | Wika at Saliksik: Pagdiriwang ng Buwan ng Wika 202  
National Research Council of the Philippines

**Certificate of Attendance**

August 3, 2021 | BIOTA National Convention and Scientific Session  
Biology Teachers Association of the Philippines

**Certificate of Attendance**

July 14, 2021 | The IRIS Leadership Legacy Forums  
Elsevier Research Academy

**Certificate of Attendance**

June 28, 2021 | Research Integrity: Fabrication and Falsification  
University of the Philippines- Manila

**Certificate of Participation**

June 19-23, 2021 | Virtual Meeting of Systematics, Biogeography and Evolution  
Systematics, Biogeography and Evolution

**Certificate of Attendance**

May 14, 2021 | Supporting Research Management Using Elsevier's Tools DOST-PCIEERD

**Certificate of Participation**

March 31, 2021 | ITDI Webinar: Backend Innovation Gives New Life to Wastes  
DOST- Industrial Technology Development Institute

**Certificate of Participation**

March 9, 2021 | NRCP Membership Promotion Caravan  
DOST- National Research Council of the Philippines

**Certificate of Attendance**

December 20, 2020 | BIOTA Philippines Virtual Investigatory Projects Seminars Series  
Biology Teachers Association of the Philippines

**Certificate of Participation**

February 10, 2016 | Lecture Series: How to Handle Stress  
College of Education, MSU-IIT, Iligan City

**Certificate of Participation**

February 5, 2016 | Lecture-Seminar: Mannam Adjuvants Intranasally-Delivered Influenza Vaccine  
College of Science and Mathematics, MSU-IIT, Iligan City

**Certificate of Participation**

September 7, 2014 | Research Trends in Ethnobotanical Research  
College of Science and Mathematics, MSU-IIT, Iligan City

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## SCIENTIFIC FORA AND CONFERENCES

**Certificate of Attendance**

November 19, 2021 | Philippine Native Plants Conservation Society 6<sup>th</sup> International Symposium  
Philippine Native Plants Conservation Society (International)

**Certificate of Acknowledgement**

November 11, 2021 18<sup>th</sup> World Lake Conference  
Universidad de Guanajuato (International)

**Certificate of Presentation**

November 4-5, 2021 National Conference on Agriculture, Fisheries, and Forestry 2021  
Northeastern Mindanao State University (International)

**Certificate of Participation**

October 20-21, 2021 52<sup>nd</sup> Annual Convention of the Federation of Institutions of Marine and Freshwater  
Sciences  
Federation of Institutions of Marine and Freshwater Sciences (National)

**Certificate of Attendance**

April 27, 2021 Mindanao Regional Scientific Meeting 2021  
National Academy of Science and Technology (National)

**Certificate of Participation**

April 22-24, 2021 55<sup>th</sup> BIOTA Philippines National Convention and Scientific Sessions  
Biology Teachers Association of the Philippines (National)

**Certificate of Participation**

February 13, 2021 | 2<sup>nd</sup> BIOTA Conference

Biology Teachers Association of the Philippines- Davao Chapter (Regional)

**Certificate of Participation**

Apr. 11-13, 2019 | 1<sup>st</sup> International Conference on Science and Mathematics

College of Science and Mathematics, MSU-IIT, Iligan City, Philippines (International)

**Certificate of Participation**

December 11-14, 2018 | 2<sup>nd</sup> Philippine Symposium on Freshwater Biodiversity and Ecosystems

Institute of Biology, University of the Philippines-Diliman, Quezon City (National)

**Certificate of Participation**

August 10, 2018 | International Conference on Biodiversity and Climate Change

Misamis University, Ozamis City, Philippines (International)

**Certificate of Participation**

November 15-17, 2017 | 1<sup>st</sup> International Conference on Biodiversity and CEBREM 6<sup>th</sup> Anniversary

Central Mindanao University, Musuan, Bukidnon, Philippines (International)

**Certificate of Participation**

December 11, 2016 | Community Outreach Program-BioBlits 2016

Lake Napalit, Brgy. Pigtauranan, Pangantucan, Bukidnon (National)

**Certificate of Participation**

November 27-28, 2015 | 20<sup>th</sup> Mindanao Convention of the Philippines Society for Microbiology-Mindanao Chapter

Cagayan de Oro City, Philippines (Regional)

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## MEMBERSHIP AND AFFILIATIONS

- **National Research Council of the Philippines**  
Associate Member, June 23, 2021 to Present
- **Biology Teachers' Association of the Philippines**  
Regular Member, August 2020 to August 2021
- **Philippine Society for Freshwater Science**  
Founding Member, Dec. 13, 2018, to December 2020

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## GENERAL RESEARCH INTEREST

- Systematics and Taxonomy of Brachyuran Fauna
- Biodiversity and Conservation
- Freshwater Ecology
- Molecular Biology

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## PERSONAL REFERENCES

**Dr. Olga M. Nuneza**

Professor VI, Dept. of Biological Sciences, College of Science and Mathematics, MSU-IIT, Iligan City, Philippines

[olgamnuneza@yahoo.com](mailto:olgamnuneza@yahoo.com)

**Dr. Girley S. Gumanao**

Vice President for Academic Affairs

Davao del Norte State College, Tadeco Road, Panabo City, Davao del Norte, Philippines

[Girley.gumanao@dnsc.edu.ph](mailto:Girley.gumanao@dnsc.edu.ph)

**Lt. Col. Roberto V. Dela Cruz**

4<sup>th</sup> Infantry Division, Philippine Army,

Camp BGen Edilberto Evangelista,

Cagayan de Oro City, Philippines

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