JOFIL ALAO MATI-OM
Brgy. Marcos, City of Baybay, Leyte
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Personal Particulars

Age	: 28 years
Date of Birth	: 01 November 1992
Place of Birth	: Baybay City, Leyte
Gender	: Male

Qualification

Graduate	: Master of Science
Field of Study	: Plant Pathology
Institute/University	: Visayas State University
Graduation Date	: 2019
Undergraduate	: Bachelor's/College Degree
Field of Study	: Plant Protection (Plant Pathology)
Major	: BS in Agriculture
Institute/University	: Visayas State University
Graduation Date	: 2013
Secondary	: VSU Laboratory High School
Institute/University	: Visayas State University
Graduation Date	: 2009
Elementary	: San Agustin Elementary School
Institute/University	: Brgy. San Agustin Baybay Leyte
Graduation Date	: 2005
Field of Interest	: Molecular Plant Pathology, Plant Disease Resistance, Plant Disease Diagnosis and Virology

Work Experiences

Position **: Science Research Assistant**
Institution : National Abaca Research Center, VSU
Duration : April 2013 to May 2016

Position **: Agriculture Technician II**
Institution : National Abaca Research Center, VSU
Duration : May 2016- December 2017

Position **: Training Specialist**
Institution : La Granja Farmers and Agri-ventures Association Tacloban City, Leyte
Duration : January 2020-December 2020

Position **: Agriculture Technician II**
Institution : National Abaca Research Center, VSU
Duration : January 2021-August 2021

Position **: Part Time Instructor**
Institution : Department of Pest Management, VSU
Duration : September 2021-December 2021

Research Experience

Undergraduate Thesis
Screening and evaluation of chitosan from different sources for the control of Yam anthracnose caused by *Colletotrichum gloeosporioides* (Penz) Penz & Sacc

DA-Biotech Funded
Induction and Molecular characterization of systemic acquired resistance (SAR) for control of *Fusarium* wilt in abaca

DOST-PCAARRD Funded
Revitalizing the Abaca Industry through S&T Interventions for Higher Crop Productivity Using High-Yielding and Bunchy Top-Resistant Abaca Hybrids

DOST-PCAARRD Funded
Establishment of Ten Hectares abaca hybrid plantation at VSU and evaluation of fiber quality for the Pulp industry

Graduate Research
Detection of Abaca bunchy Top Virus (ABTV) using polymerase chain reaction (PCR) in abaca hybrid (Bandala)
Paecilomyces lilacinus (Thom Samson) as antagonist against root-knot nematode, *Meloidogyne spp.*
Small scale DNA, DNA concentration check through Agarose Gel Electrophoresis and The Polymerase Chain Reaction and Its Application in Plant Pathogen Detection

Graduate Thesis/ DOST-PCAARRD Thesis Support
Molecular detection and evaluation of resistance of abaca hybrid (BC2) to bunchy top viruses in Eastern Visayas Region of Philippines

Extension	Resource person for the Training of Abaca Pest Management Organic Agricultural Production Vegetable Production and Integrated Pest Management Rice Extension Services Program Urban Gardening Agricultural Crops Production Landscape and Installation and Maintenance
Affiliation	Philippine Phytopathological Society Inc. (Life Time) Pest Management Council of the Philippines DOST-PCAARRD Graduate Alumni Association
National Certificates	NC III Organic Agriculture Production NC III (Supervisory) Agriculture Crop Production NC II Landscape and Installation Maintenance (Softscape) NC I Trainers Methodolgy (TM) Certificate Level 1
Grants/Assistantship Received	VSU Staff Dependent for College Education SY 2009-2013 Graduate Research and Education Assistantship for Technology (GREAT) Program of DOST-PCAARRD SY 2018-2019
Recognition	Young Investigator in Plant Pathology (YIPP) Best Paper (1st Place, Agriculture Category) by DOST-PCAARRD Graduate Alumni Association Best Paper (Finalist) 53rd Philippine Phytopathological Society
Publication (*under review*)	Mati-om JA, Gapasin RM and RT Piamonte. Molecular Detection and Evaluation of Resistance of Abaca Hybrid (BC2) to Bunchy Top Viruses in Eastern Visayas Region of Philippines. Mindanao Journal of Science and Technology. *(under final review*) Mati-om JA and RT Piamonte. Optimization of Polymerase Chain Reaction (PCR) conditions for the detection of bunchy top viruses of abaca (*Musa texilis* Nee) in Eastern Visayas Region of Philippines. Annals of Tropical Research. (*under review*)

Training and Seminar Attended

- 25th-31st VICARP and RRDEN Regional Research, Development and Extension Symposium.
- Training Workshop on Technical Writing for Publication in a Refereed Journal
- Training Workshop on Thesis Writing and Presentation
- 46th, 49th, 53rd Anniversary and Annual Scientific Conference of Pest Management

Council of the Philippines (PMCP)

- Training Workshop on Writing and Presenting Proposal Towards Building Science in Eastern Visayas Region
- Training of Trainers on Production of High Quality Inbreed Rice and Farm Mechanization
- 2nd National Organic Agriculture Scientific Conference
- 2016 Philippine Agriculture and Fisheries Biotechnology Program Annual Review and Assessment
- Training Workshop on Abaca Virus Detection and Indexing
- National Abaca Summit
- Workshop on the Development of Abaca Proposals and Validation of the Abaca Summit Proceedings
- Training Workshop on Geographical Information System
- 2018 Regional Abaca Summit
- Asian Association of Agricultural Colleges and Universities (AAACU) 22nd Biennial Conference and General Assembly
- Specialized Training Course on Corn/Cassava Insect Pests and Diseases
- Coaching and Mentoring Sessions for RCEF-FFS Trainers/Facilitators
- Plant Pathogen and Disease Detection in the field: applications of LAMP technology in Plant Pathology
- A brief overview of the WorldVeg Pepper Disease Resistance Research Program
- Protecting Germplasm Health from Pathogens and Pests
- Tracking down the invisible killer-Molecular tools to detect and quantify grapevine
- *Colletotrichum* Taxonomy, Pathology, and Biosecurity
- The Nature of a Cyst Nematode Population Suppression
- Host Pathogen Interactions
- Phytoplasma and their vectors as climate change indicators
- Changing the Lens; Plant Pathologist to Soil Biologist
- Molecular Systematics and Phylogenetics
- Major Rice Diseases of Rice
- The hidden wonders of the soil: Nature's solution for Pest Management
- Crop's Diseases Beyond Boundaries: Know the Transboundary Diseases of 3Cs (cassava, cacao, and Corn)
- Niching R & D Management in the S & T Ecosystem
- Exit Seminar and Report of Balik Scientist Awardees "Cracking the Black Box: Challenges and Opportunities in Marine Microbial Studies in the Philippines" by Dr. Deo Florence L. Onda and "Unlocking Foundational Seaweed Biodiversity Information for Seaweed Resources Development" by Dr. Wilfred John E. Santiañez
- Exit Seminar and Report of Balik Scientist Awardee "Molecular Mechanism of Phenotypic Root Plasticity and their Application to Rice Breeding" by Dr. Nonawin Lucob-Agustin.
- Laboratory Animal Training for Biomedical Research
- PhilRice Life Long Learning Series No. 6 of 2021: Preparation for the Implementation of the Mandanas-Garcia Ruling
- Webinar on Gian Clams
- Food Security Challenges and Opportunities under New Normal
- Whole Genome Prediction in Plant Breeding
- 1st Youth in Agriculture Summit
- Writing a literature review: some guide and advise
- Introduction to PCR-based plant pathogen detection
- Basic Occupational Safety and Health Training for the Public Sector
- Introduction to the PalayCheck System for Irrigated Lowland Rice
- Regional Multiplier Training on the Enhanced Version of the S2S Academy Flatform
- 1st Regional Conference with Trainers and Competency Assessor
- MTP on New Promulgated Training Regulation in Bamboo Production NC II

References

Name **: Ruben M. Gapasin, PhD**
Position : Professor Emeritus
Contact Details : 09063914391
Address : Department of Pest Management, VSU

Name **: Robelyn T. Piamonte, PhD**
Position : Director and Associate Professor
Contact Details : 09171546999
Address : National Abaca Research Center, VSU

Name **: Luz O. Moreno, PhD**
Position : Professor in Plant Breeding
Contact Details : 09164239381
Address : National Abaca Research Center, VSU