



**JERRY B. SANGUILLOSA, Ph.D.**

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**OBJECTIVE**

Looking for a science and technology-related institution that has a vision of creating a better world by providing solutions to existing and future problems. An institution where I can contribute to achieving its vision through my field of expertise.

**WORK EXPERIENCE**

**PAMANTASAN NG CABUYAO (UNIVERSITY OF CABUYAO)**

**Assistant Professor IV- August 2021- present**

**Designations:**

**University/Board Secretary**, August 2021-January 2022; August-December 2022

**Research Director**, February-July 2022

**Part-Time College Instructor**, June 2015- October 2019

**UNIVERSITY OF THE PHILIPPINES LOS BAÑOS**

**Graduate Student Assistant** (through Graduate Mentorship and Apprenticeship Program), June 2015- March 2016)

Subject Handled: Agronomy 153 (Methods in Plant Breeding II)

**University Research Associate**, April 2016-December 2017

Research Project: Revitalizing the Abaca Industry through S&T Intervention for Higher Crop Productivity Using High Yielding and Bunchy-Top Resistant Abaca Hybrids

**OUR LADY OF ASSUMPTION COLLEGE (Cabuyao, Laguna)**

**Full- Time High School Teacher**, June 2011- October 2012

**Part- Time College Instructor**, June 2011- March 2015

**EDUCATION**

**UNIVERSITY OF THE PHILIPPINES OPEN UNIVERSITY (UPOU)**

Professional Teaching Certification Program, 18 units earned, on-going

**UNIVERSITY OF THE PHILIPPINES LOS BAÑOS (UPLB)**

Doctor of Philosophy in Plant Breeding,

Year Graduated: August 2022

Cognate: Molecular Biology and Biotechnology

Scholarship: Department of Science and Technology- Accelerated Science and Technology Human Resource Development Program

Research Grant: Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) Dissertation Grant

**UNIVERSITY OF THE PHILIPPINES LOS BAÑOS (UPLB)**

Master of Science in Molecular Biology and Biotechnology, Minor in Plant Breeding

Year Graduated: June 2018

Scholarship: Department of Science and Technology- Accelerated Science and Technology Human Resource Development Program

**UNIVERSITY OF THE PHILIPPINES VISAYAS (UPV)**

Bachelor of Science in Biology

Year Graduated: April 2011

Scholarship: Department of Science and Technology- Science Education Institute (RA 7687)

## **RESEARCH PROJECT INVOLVEMENT:**

**PhD Dissertation**, January 2019- June 2021

Research Title: *Characterization and Genetic Analysis of Selected Maize (Zea mays L.) Germplasm Collections for Maize Biofortification*, under the research project entitled “Chemical Profiling of Selected Maize Germplasm for Cultivar Development”

**MS Thesis**, January 2016-December 2017

Research Title: *Construction of Enriched Mini-genomic Library for the Development and Characterization of Simple Sequence Repeat (SSR) Markers in Sugarcane (Saccharum officinarum L.) VMC 87-599*, under the research project entitled “Genomics-Assisted Discovery of Genes and Molecular Markers for fungal resistance to Downy Mildew and Drought/Flooding Tolerance”

**University Research Associate**, April 2016-December 2017

Research Project: *Revitalizing the Abaca Industry through S&T Intervention for Higher Crop Productivity Using High Yielding and Bunchy-Top Resistant Abaca Hybrids*

**Graduate Student Assistant** (through Graduate Mentorship and Apprenticeship Program), June 2015-March 2016

Research Project: *Methylation sensitive amplification polymorphism between susceptible and resistant sugarcane varieties*

**Research Student Assistant**, April-May of 2008, 2009 and 2010

Research Project: *Monitoring of the impacts, responses, and recovery of mangroves affected by M/T Solar 1 oil spill in Guimaras, Philippines*

## **PAPER PUBLISHED**

*Construction of Enriched Mini-genomic Library for the Development and Characterization of Simple Sequence Repeat (SSR) Markers in Sugarcane (Saccharum officinarum L.) VMC 87-599*, PHILIPPINE AGRICULTURAL SCIENTIST 102 (2), 95-106

## **RESEARCHES COMPLETED (FOR PUBLICATION)**

Nutritional Composition of Selected Maize (*Zea mays* L.) Germplasm Collection for Maize Biofortification

Morpho-agronomical and Molecular Characterization of Selected Maize (*Zea mays* L.) Germplasm Collections for Maize Biofortification

Line X Tester Analysis of Provitamin A and Quality Protein Maize Populations, and Yellow Open Pollinated Varieties for Grain Yield and Yield Related Traits

## **CONFERENCE/SYMPOSIUM/SEMINAR/TRAINING ATTENDED**

**Intellectual Property Seminar**, April 28, 2023, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Research Capability Building Training on Ethical Standards in Educational Research**, March 29, Pamantasan ng Cabuyao (University of Cabuyao) 2023

**2023 Annual Scientific Conference and 90<sup>th</sup> NRCP General Membership Assembly**, March 10-11, 2023, Philippine International, Convention Center, Pasay City, Metro Manila

**15<sup>th</sup> ALCUCOA (Association of Local Colleges and Universities-Commission on Accreditation) National Conference 2022**, November 11-12, 2022, Diamond Hotel, Manila

**Capability Building Program on ISO 9001:2015: Managing Risks and Opportunities**, November 25, 2022, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Action Research and ICT-Related Tools Seminar Workshop**, November 23, 2022, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Awarding of PnC (UC) Internal Quality Auditors and ISO 9001;2015 Kick Off Meeting**, November 10, 2022, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Internal Quality Audit: A tool to Review Quality Management Training**, October 19-20, 2022, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Capability Building Program on Control of Retained Documented Information and Building a Customer-Centric Service Culture**, October 12, 2022, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Capability Building Program on 7S: Building a Quality Workplace**, September 14, 2022, Pamantasan ng Cabuyao (University of Cabuyao) Library

**Pamantasan ng Cabuyao (University of Cabuyao) Executive Planning Session**, August 25-26, 2022, El Cielito Hotel, Sta. Rosa City, Laguna

**Pamantasan ng Cabuyao (University of Cabuyao) Faculty and Employees' Conference**, August 11-12, 2022, Batis Aramin Resort and Hotel, Lucban, Quezon

**NRCP Science for Change (S4C) Summit**, June 10, 2022, Crimson Hotel, Alabang, Muntinlupa City

**1st S&T Fellows Convention**, May 30, 2022, Crimson Hotel, Alabang, Muntinlupa City

**Intellectual Property and Copyright Webinar**, April 27, 2022, PnC University Library

**Biotech to the Rescue: Diagnostics, Drugs, and Vaccines in Times of Pandemics**, Online Seminar, May 30, 2020, UP League of Agricultural Biotechnology Students Alumni Association

**ASTHRDP Graduate Scholars Conference –Year 8**, May 2-3, 2019, Philippine International, Convention center, Pasay City, Metro Manila

**Plant Sciences Symposium**, Association of Fellows, Scholars, Trainees, and Residents of IRRI (AFSTRI), August 17, 2018, International, Rice Research Institute, Los Baños, Laguna

**National Academy of Science and Technology Annual Scientific Meeting**, July 11-12, 2018, The Manila Hotel, One Rizal Park, Manila

**ASTHRDP Graduate Scholars Conference –Year 7**, June 18-19, 2018, Philippine International, Convention center, Pasay City, Metro Manila

**CRSPR-CAS9 and Lentiviral Vectors as Genome Editing tools**, June 26, 2018, National Institute of Molecular Biology and Biotechnology, University of the Philippines, Diliman

**Building E-Portfolios for Graduate Students**, March 12, 2018, Museum of Natural History, UPLB, College, Laguna

**Demystifying Bioinformatics**, August 7, 2017, Umali Auditorium of SEARCA, UPLB Campus. College, Laguna

**2<sup>nd</sup> International Science Graduate Scholars' Conference**, May 24-25, 2017, Philippine International, Convention center, Pasay City, Metro Manila

**Are you ready to R? An Introduction to R**, June 27, 2017, OVCRE Annex Conference Room, UPLB, College, Laguna

### **SPEAKING ENGAGEMENT/ LECTURE AND PAPER PRESENTED**

**Buenasuerte Elementary School Commencement Exercises**, Guest Speaker, July 11, 2023, Nabas, Aklan

**2022 In Touch with Excellence (Region IV)**, Guest Speaker, December 19, 2022, Smallville 21 Hotel, Iloilo City

**Nutrition Month Celebration**, Resource Speaker, Webinar, August 26, 2020, Calamba Bayside Integrated School, Calamba City, Laguna

**School Level Science Congress 2019**, Guest Speaker, September 20, 2019, Gulod National High School, Gulod, Cabuyao City, Laguna

**DOST SEI Scholars' Graduate Exit Conference 2018**, Guest Speaker, April 14, 2018, Ma. Makiling Ballroom, Splash Mountain Resort-Hotel, Los Baños, Laguna

**5<sup>th</sup> St. Antoninus Graduate Research Forum, Research Paper Presentation**, April 7, 2018, Thomas Aquinas Reserch Complex Auditorium, University of Santo Tomas, Manila

**In- House Review for UPCAT**, Subject Lecturer for Science, Pamantasan Ng Cabuyao, Cabuyao City, Laguna

**Current Issues and Latest Development in Epigenetics**, Epigenetics Special Lecture/Seminar, September 14, 2015, Hamlet Hall, College of Arts and Sciences, Southern Luzon State University, Lucban Quezon

### **AWARD AND MEMBERSHIP**

**National Research Council of Philippines (NRCP) Associate Member (Division VI: Agriculture and Forestry)**, November, 2022

**In Touch with Excellence Recognition Award**, DOST-SEI November, 2022

### **CHARACTER REFERENCES**

**Dr. Tonette P. Laude**, Associate Professor, University of the Philippines Los Baños, [tplaude@up.edu.ph](mailto:tplaude@up.edu.ph)

**Dr. Antonio G. Lalusin**, Associate Professor, University of the Philippines Los Baños, [aglalusin@up.edu.ph](mailto:aglalusin@up.edu.ph)

**Dr. Jose E. Hernandez**, Professor, University of the Philippines Los Baños, [jehernandez@up.edu.ph](mailto:jehernandez@up.edu.ph)

### **PERSONAL INFORMATION**

*Civil Status: Single*

*Age: 32*

*Birth Date and Province: 22 September 1990, Aklan*

*Nationality: Filipino*

*Languages Spoken: Aklanon, English, Hiligaynon (Ilonggo), Filipino*