



CURRICULUM VITAE

MERLINA H. JURUENA

Cell #: 0927 8758 842

PERSONAL INFORMATION

Full Name : **MERLINA HISTA JURUENA**
Civil Status : Married
Date of Birth : November 2, 1970
Place of Birth : Goso-on, Carmen, Agusan del Norte
Home Address : B20 L3 Dreamville, Visayan Village, Tagum City
Davao del Norte, Philippines

EDUCATIONAL BACKGROUND

Level	School / Address	Year Attended	Degree Earned
College	University of the Philippines Los Baños College, Laguna	1987-1991	Bachelor of Science in Agriculture- Plant Pathology
Diploma Course	University of the Philippines Open University College, Laguna (Distance Learning)	1998-2000	Diploma in Research & Development Mgt.
Graduate	University of Southeastern Philippines Tagum Mabini Campus	2005-2008	Master of Science in Agriculture – Crop Protection
	University of the Philippines Los Baños College, Laguna	2011-2014	Doctor of Philosophy in Plant Pathology

PROFESSIONAL EXPERIENCE

Employment Record

Position	Agency/Institution	Period Covered
Assistant Professor IV	University of Southeastern Philippines	October 16, 2020 to present
Senior Agriculturist	Provincial Agriculturist's Office (PAGRO), Gov't. Center, Mankilam, Tagum City, Davao del Norte	December 2017 to October 15, 2020
Agriculturist II		November 2016 to November 2017
Agriculturist I	Provincial Agriculturist's Office, Gov't. Center, Mankilam, Tagum	June 2009 to October 2016

Agricultural Technologist	City, Davao del Norte	Oct. 22, 1997 to May 2009
Asst. Plant Pathologist	Twin Rivers Research Center. Madaum, Tagum City	Nov. 23, 1992 to Oct. 15, 1997
Research Fellow (Fungicide Screening),	Cyanamid Agric. Res. Found.,Inc., Calamba, Laguna, Philippines	Nov. 1991 to July 1992

Other Employment:

Accredited Researcher (Plant Pathology) Fertilizer and Pesticide Authority	Bayer CropScience Inc. Tierra AgriTechnologies Inc., Berris Agricultural Corp.	September 2015 to present
Part Time Professorial Lecturer for MSA Crop Protection Program	University of Southeastern Philippines, Tagum Mabini Campus (Graduate School)	June 2014 to March 2016 January 2017 to May 2017 June 2008 to March 2011

Designation Handled:

Under USEP Designation	Description/Office	Duration
College Research Head	Research Unit, College of Agriculture and Related Sciences	Jan. 2021 to present

Previous Employment Function / Special Program Handled

Designation	Description/ Office	Duration
Section Head	Agricultural Support Services Section, PAGRO-Davao del Norte	Jan. 2018-Oct. 15, 2020
Banana Fusarium Program Focal Person	PAGRO-Davao del Norte & Department of Agriculture -RFO XI	June 2015 to Oct. 2020
Banana Fusarium Research Collaborator	PAGRO-Davao del Norte & Australian Center for International Agricultural Research (ACIAR)	Year 2016-2020

Research and Development Involvement

Designation	Study/Project/Program Title/Funding Institution	Duration
Project Leader	An Integrated Management Response on the Spread of Banana Fusarium Wilt in Southeast Asia <i>Objective 1. Determine soil microbiome of different banana production systems</i> Australian Centre for International Agricultural Research	Dec. 2020 to present
Project Leader	Performance of GCTCV 218 and <i>Trichoderma harzianum</i> in banana Fusarium wilt Affected areas Provincial Government of Davao del Norte	Nov. 2016 to Dec. 2018
Project Leader	Elimination of <i>Fusarium oxysporum</i> F.sp. <i>cubense</i> Tropical race 4 from Infected Banana Plants using Urea Provincial Government of Davao del Norte; Australian Centre for International Agricultural Research	Sept. 2016 to March 2018
Project Leader	Biological control strategies and organic amendments for the management of banana Fusarium wilt Provincial Government of Davao del Norte	Jan. 2016 to Dec. 2016
Study Leader	Integrated Management of Banana Fusarium Wilt in Australia and Philippines <i>Objective 3. Assessment on the Adoption of Approaches for the Management of Fusarium Wilt in Cavendish Banana in Davao del Norte</i> Provincial Government of Davao del Norte; Australian Centre for International Agricultural Research	May 2014 to Dec. 2017
Study Leader	Techno-Demo on the Utilization of GCTCV 219 in Foc Affected Areas in Davao del Norte Department of Agriculture -RFO XI Provincial Government of Davao del Norte	May 2014 to Dec. 2016
Study Leader	Integrated Disease Management of <i>Phytophthora</i> in Durian in Southern Philippines: Participatory Action Research on Chicken dung + EM Provincial Government of Davao del Norte; Australian Centre for International Agricultural Research	May 2009 to May 2011

Project Staff	Improved domestic profitability and export competitiveness of selected fruit value chains in the southern Philippines and Australia: Integrated Disease Management of Mango Scab and Stem-End Rot Provincial Government of Davao del Norte; Australian Centre for International Agricultural Research	May 2007 to Dec. 2011
Student Researcher (PhD Dissertation)	Virulence of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> (EF Smith) Snyder and Hansen Strains on selected Banana Cultivars in the Philippines DOST-ASTHRDP-NSC Provincial Government of Davao del Norte	Nov. 2013 – Nov. 2014
Student Researcher (MS Thesis)	Black Cross Leaf Spot caused by <i>Phyllachora musicola</i> Booth & Shaw of 'Cardaba' Banana (<i>Musa balbisiana</i>): Stages of Development and Effects of Weather Factors	Oct. 2006-Oct. 2007
Student Researcher (BS Thesis)	Damping-Off Disease Complex of Mungbean	June. 1990-March 1991

Publication

Pattison, A., Limbaga, C., Gervacio, T., Notarte, A., **Juruena, M.**, Dennis, P., Lindsay, S. J. and Molina, A. (2020) *Integrated management of Fusarium wilt of bananas in the Philippines and Australia*. Project Report. ACIAR.

Juruena, M. Molina, A., Dalisay, T., Natural, M and Protacio C. (2015). Virulence of *Fusarium oxysporum* f. sp. *cubense* on selected banana cultivars in the Philippines. *Phytopathology* **Vol 105, No. 11 (Supplement 4)**.

Daniel, R., Borines, L., Soguilon, C., Montiel, C., Palermo, V. Guadalquiver, G., Pedroso, M., Marcelino, R., Dionio, B., **Juruena, M.** & Guest, David. (2014). Development of disease management recommendations for the durian and jackfruit industries in the Philippines using farmer participatory research. *Food Security*. 6. 411-422.

Akem, C., Opina, O., Dalisay, T., Esguerra, E., Ugay, V., Palacio, M., **Juruena, M.**, Fueconcillo, Sagolili, J. Integrated disease management of stem end rot of mango in the southern Philippines In Oakeshott J. and Hall D. (eds) 2013. Smallholder HOPES—horticulture, people and soil. Proceedings of the ACIAR–PCAARRD Southern Philippines Fruits and Vegetables Program meeting, 3 July 2012, Cebu, Philippines. ACIAR Proceedings 139. Australian Centre for International Agricultural Research: Canberra. 298pp

Paper Presented in Conference/Symposium

Expression of Resistance and Susceptibility on Selected Banana Cultivars to *Fusarium oxysporum* f.sp. *cubense* Schl. Strains in Southern Philippines during the 8th International Katsetsart University of Science & Technology Annual Research Symposium, Katsetsart University, Bangkok Thailand, June 2-4, 2016

Assessment on the Adoption of the Approaches for the Management of Fusarium Wilt on Cavendish Banana in Davao Del Norte during the 29th Regional Symposium on Research, Development Highlights (RSRDH) and Farmers' Forum held at, Bulwagan ng Lalawigan, Government Center, Mankilam, Tagum City, Davao del Norte, August 22-23, 2016

Resistance and susceptibility of selected banana cultivars to *Fusarium oxysporum* f. sp. *cubense* Hansen strains during 46th PMCP Anniversary and Annual Conference at the Grand Regal Hotel, Davao City on May 5-8, 2015.

Poster entitled "Expression of Resistance and Susceptibility of Cardaba and Lakatan *Musa sp* against various VCGs Of *Fusarium oxysporum* f.sp. *cubense* schl. under Screenhouse Condition" during the International Banana Symposium 2014 held last Nov. 19-22, 2014 at SMX, Lanang, Davao City (awarded as Best Poster)

Awards Received:

Finalist –National GAWAD SAKA Search for Outstanding Agricultural Researcher CY 2016 by the Department of Agriculture

Outstanding Agricultural Researcher CY 2015-2016 of the Regional GAWAD SAKA Search for Outstanding Agri-Fishery Achievers by the Department of Agriculture Region XI

Second Placer, Best Paper (Research Category), Resistance and susceptibility of selected banana cultivars to *Fusarium oxysporum* f. sp. *cubense* Hansen strains in Southern Philippines. 29th SMAARDEC Regional Symposium on Research and Development Highlights. August 22, 2016, Tagum City, Davao del Norte.

Gamma Sigma Delta. The Honor Society of Agriculture. University of the Philippines. April 5, 2013.

Scholarship Received

Name of Scholarship	Duration
DOST – Accelerated Science and Technology Human Resource Development Program (ASTHRDP) – National Science Consortium, University of the Philippines Los Baños	June 2011-March 2014
Rodolfo P. del Rosario Congressional Scholarship UP Open University	June 1998 – May 2000
Agricultural & Rural Dev't. Scholars (ARDS) Learning Resource Center, University of the Philippines Los Baños	April 1987 – May 1991

TRAININGS/CONFERENCES ATTENDED (CY 2011-2018)

Title of seminar/Conference/ Workshop	Inclusive Dates/Venue	No. of hours	Conducted / Sponsored by:
Pest Management Council of the Philippines 51st Anniversary And Annual Scientific Conference	July 2-5, 2019	32	Pest Management Council of the Philippines, Inc
Philippine Phytopathological	April 12, 20219	8	Philippine

Society -Southern Mindanao Division 4 th Mindanao Summit			Phytopathological Society -Southern Mindanao Division
Mindanao-Wide Symposium on Banana Fusarium Wilt Management	March 29-30, 2017	16	Australian Center for International Agricultural Research, PG Davao del Norte
International Banana Conference	October 10-12, 2017	24	PhilExport Davao City Chamber of Commerce
International Symposia on Tropical and Temperate Horticulture	Nov. 21-25, 2016 Cairns, Queensland, Australia	32	International Society of Horticulture Science, Australian Society of Horticulture Science
3-day Training of Trainer's (TOT) on Philippine Good Agricultural Practices (PhilGAP) Certification	Sept. 6-8, 2016	24	Bureau of Agriculture & Fishery Products Standards(BAFPS) Department of Agriculture-RFO XI
International Katsetsart University Science and Technology Annual Review 2016	June 2-4, 2016 Katsetsart University, Bangkok Thailand	24	Katsetsart University, Bangkok Thailand

MEMBERSHIP/ AFFILIATIONS

- Agricultural & Rural Dev't. Scholars (ARDS), Inc. 2019 to present
- Philippine Association of Agriculturists – Annual Member 2018-2019
- Philippine Phytopathological Society - Annual Member 1991-1992, 1993-1999, 2001-2003, 2005-2006, 2008-2009, 2015, 2018, 2019
- Philippine Phytopathological Society - Annual Member 2019 to present -Southern Mindanao Division
- Society of Agricultural & Rural Dev't. Scholars (ARDSS), U.P. Los Banos- Member 1987-1990, Vice President 1991.

I hereby acknowledge the correctness of the above stated information.



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