

Faculty Research (2020-2026)

AGENDA	TITLE	PROPONENTS	DURATION	SOURCE OF FUND
Food security, Poverty Reduction	Pests and Diseases Associated with Inflorescence and Immature Nuts Affecting Coconut Hybrid Production	Tamie C. Solpot and Joseph O. Castillo	September 2026-August 2028	DOST-PCA ARRD
Food security, Poverty Reduction	Fusarium Wilt Tropical Race 4 (TR4) Resistant Banana Trials	Tamie C. Solpot and Bernadith T. Borja	May 2026-April 2028	TROPIC Biosciences UK., LTD
Food security, Poverty Reduction	Integrated Fertilization Program for Enhancing Productivity of Rejuvenated Coffee and Cacao Trees at PICRI	Tamie C. Solpot and Bernadith T. Borja	January 2026-December 2027	PICRI USM Internal Fund (101)
Food security, Poverty Reduction, Life on Land	TAXoN – Auchenorrhyncha: Taxonomic Assessment and eXploration of Native True Hoppers (Auchenorrhyncha) for Conservation and Agriculture	Sheryl A. Yap, Jessamyn R. Adorada, Barbara L. Caoili, Karen B. Alviar, Gerwin T. Alcalde, Rio S. Antion, Jefferson B. Recto, Elorde Jr. S. Crispolon , and Gerald M. Duza	November 1, 2025-October 31, 2027	DOST-NRC P
Food security, Poverty Reduction, Life on Land	Subterranean Termite and Rodent Infestation in Research, Development and Extension (RDE) Facilities of USM: Prevalence,	Joeseeph S. Quisado	January 2026-December 2026	USM Funded

	Control Measure, and Social Perception			
	Subterranean Termite Termite Infestation Assessment in Selected Structural Facilities of University of Southern Mindanao	Joeseeph S. Quisado	April 1, 2025-December 2025	USM Funded
Life on Land	Biodiversity Inventory and Assessment in Mount Tapulao, Luzon, Philippines	Sheryl A. Yap, Gerwin T. Alcalde, Rio S. Antion, Elorde Jr. S. Crispolon, et al.	January 2024-July 2025	Museum National d'Histoire Naturelle (MNHN)
Food security, Poverty Reduction	Effective Rubber-based Cropping System in Southern Philippines	Joseph O.Castillo	June 2020-May 2024	ACIAR-PCA ARRD
Food security, Poverty Reduction	Development of Cost-Effective Pest and Disease Management for Rubber and Intercrops	Purificacion O. Cahatian, Elorde Jr. Crispolon, and Joan P. Sadoral	June 2019-May 2024	ACIAR-PCA ARRD
Food Security	Development and Optimization of Innovative Tissue Culture Systems for “Cardava” Banana	Tamie C. Solpot, and Harem R. Roca	July-December 2023	USM Funded
Food Security and Poverty Reduction	Seed Propagation techniques in growing various herbs and spices and their bio-control efficacy against	Tamie C. Solpot, Lorelyn Joy Turnos-Milagrosa, Mark Aljamie Muttulani	January-December 2023	USM Funded

	<i>Ralstonia solanacearum</i> and <i>Phytophthora palmivora</i> .			
Food Security and Poverty Reduction	Seed Propagation Techniques in Growing Various Herbs and Spices and Their Pesticidal Efficacy against Bacterial and Fungal Diseases of Red Pepper (<i>Capsicum annuum</i>)	Tamie C. Solpot, Lorelyn Joy Turnos-Milagrosa	January 2023-December 2023)	USM Funded
Food security and Poverty Reduction, Environmental protection	Enhancing Productivity of Robusta Coffee through Organic-Based Fertilization for Increased Profitability	Tamie C. Solpot (Project Leader)	April 2022-March 2023)	World Coffee Research
Poverty Reduction	Etiology, Detection, and Management Strategies Against Pestalotiopsis Disease of Rubber	Tamie C. Solpot , Cheryl L. Eusala (DA-PRRI), Jill D. Villanueva	March 2023-February 2025)	DOST-PCA ARRD
Poverty Reduction	Artificial Intelligence-Based Diagnostic Clinic for Detection and Monitoring for the Management of Rubber Diseases	Tamie C. Solpot (S&T Consultant)	2023-2025	DOST-PCA ARRD

	and Insect Pests			
Poverty Reduction, Environmental Protection	Screening of Potential Endophytes as Biocontrol Agent against Major and Emerging Leaf Diseases of Rubber	Tamie C. Solpot, Bernadith Borja, and Ma. Teodora N. Cabasan	May 2021-November 2023	DOST-PCA ARRD
Food Security, Environmental Protection	Institutional Biosafety Committee's (IBC) Scientist-Member for TR4 Banana Trial (TROPIC BIOSCIENCES UK LTD	Tamie C. Solpot	2023-Present	Tropic Biosciences UK.LTD.
Food security and Poverty Reduction,	Organic-based Interventions for Selected Crops and Sheep Nutrition	Tamie C. Solpot, Lorelyn Joy Turnos-Milagrosa, Josephine R. Migalbin	January 2022-December 2022)	USM Funded Research
Food security and Poverty Reduction	Development of Weather-Based Forecasting through Simulation and Modelling as Early Warning System for Integrated Pest Management for High Value Crops	Joeseeph S. Quisado	January 2021-December 2021	DA-BAR
Food security and Poverty Reduction	Development of Pest Management for Lanzones Mussel Scale Insect (Hemiptera: Diaspididae)	Joeseeph S. Quisado	May 2019-April 2021	DA-BAR

