

**Output Indicator (No-Hunger)**

List of Projects 2022-2023

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
I. GENERAL APPROPRIATION ACT				
1	NRCCTP-Sweetpotato / NCT- Sweetpotato	Dr. Dilberto O. Ferraren	Jan 2005-Present	
2	NRCCTP-Cassava / NCT- Cassava	Dr. Dilberto O. Ferraren	Jan 2005-Present	
3	NRCCTP-Taro / NCT-Taro	Dr. Dilberto O. Ferraren	Jan 2005-Present	
4	NRCCTP-Yam / NCT-Yam	Dr. Dilberto O. Ferraren	Jan 2005-Present	
5	Hybridization of Potential Cassava Cultivars for Yield and other Important Characters for Food, Feed and Industry	Ms. Lisa I. Arce	Jan 2005-Present	
6	Screening and Evaluation of Cassava Hybrids for Tolerance to Pests and Diseases	Dr. Erlinda A. Vasquez	Jan 2005-Present	(Retired) For Clarification
7	Screening and Evaluation of Cassava Hybrids for Tolerance to Under Shade and Salinity	Dr. Dilberto O. Ferraren	Jan 2005-Present	

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
8	Field Maintenance, Characterization, Evaluation of Cassava Germplasm Collection	Dr. Dilberto O. Ferraren Ms. Joy C. Codog	Jan 2005-Present	
9	Gabi, Takudo, Sincamas Assessment and Genetic Resource Conservation and Utilization	Dr. Dilberto O. Ferraren	Jan 2005-Present	
10	Maintenance and Characterization of the PhilRootcrops Yam Germplasm Collection	Ms. Lisa I. Arce	Jan 2004-Present	
11	Maintenance, Characterization and Documentation of Sweetpotato Germplasm Collection	Dr. Dilberto O. Ferraren Ms. Lisa I. Arce	Jan 2004-Present	
12	Taro Breeding for Adaptability to Different Agronomic Management Schemes and Environmental Conditions Documentation	Dr. Dilberto O. Ferraren	Jan 2004-Present	
13	Cost-effective IPM in the Production of Quality Rootcrop Planting Materials	Dr. Erlinda A. Vasquez	Oct 2008-2022	For Terminal Report Submission (Completed)
14	Breeding Sweetpotato for Yield and Quality	Ms. Lisa I. Arce Mr. Frederico P. Godoy	Jan 2006-Present	
20	Solar-based Evaporative Cooling System for Intermediate Field Storage of Fruits and Vegetables	Engr. Eldon P. De Padua	Jul 2017-Present	
21	Bioenergy Generation from Agricultural Wastes, Seaweeds, Algae, Cellulosic Materials, and Plant Oils for Climate Change Mitigation and Food Security	Engr. Nilo L. Leorna	Jul 2017-Present	
Department of Plant Breeding and Genetics (DPBG)				
22	Breeding, Selection, and Generation of Quality Seeds for Special Rice Varieties (Evaluation and Selection of Promising Varieties of Aromatic Rice in the Visayas)	Dr. Julien R. Deroy	2014-Present	

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
23	National Corn Testing Project	Dr. Julien R. Deroy	Jan 2021-Present	
Department of Horticulture (DOH)				
24	National Cooperative Testing for Vegetable Legumes (Pole Sitao)	Dr. Rosario A. Salas	Jan 2014-Present	
25	National Cooperative Testing for Solanaceous Crops (SL)	Dr. Gloria E. Bancale	Jan 2014-Present	
26	Development and Evaluation of Functional Productivity of Edible Landscape (5 Components)	Dr. Rosario A. Salas	Jan 2014-Present	
National Coconut Research Center-Visayas (NCRC-V)				
27	Performance of Pineapple, Blackpepper, Banana and Lanzones Under Coconut Using Organic and Inorganic Fertilizer	Mr. Mario E. Baliad	2014-May 2023	For Terminal Report Submission (Terminated)
28	Development, Optimization, Market Study of Coconut-based Food Products (3 Components)	Dr. Marisel A. Leorna	Feb 2020-Feb 2025	
29	Storage Characteristics of Coconut-based Food Products	Dr. Marisel A. Leorna Engr. Nilo L. Leorna	Feb 2020-Feb 2025	
30	Development of Processing Equipment for Food and Non-Food Coconut Products (3 Components)	Engr. Nilo L. Leorna Mr. Felix J. Amestoso	Jan 2014-Present	
31	Detection, Inheritance and Expression of Pandan-Aroma and Development of Aromatic Coconut Varieties	Mr. Jovanne Mar Anire	Jan 2014-Dec 2025	
	<b>Program: Enhancing Coconut Productivity through the Development of Sustainable Strategies for Integrated Management of Major Pests of Coconuts in the Visayas</b>	Dr. Maria Juliet C. Ceniza	Jan 2014-Present	
32	Project 1: Assessment, Monitoring and Identification of Major Coconut Pest in Region 8 for Early Detection, Surveillance and Prevention of Pest Outbreak	Dr. Maria Juliet C. Ceniza	Jan 2014-Present	

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
33	Project 2: Development of Sustainable Management Strategies for the Control of Major Pests and Diseases of Coconut in Eastern Visayas	Dr. Maria Juliet C. Ceniza	Jan 2014-Present	
34	Conservation of Coconut Germplasm in VSU (Phase II)	Baliad, ME	Jan 2014-Present	
35	Collection and Characterization of Local and Introduced Coconut Cultivars/Hybrids (2 studies)	Engr. Mario E. Baliad	Jan 2014-Present	
36	Propagation of Quality Planting materials of Baybay Tall (BAYT) and Selected Dwarf and Hybrid Coconut Varieties through Somatic Embryogenesis Technology (Cset)	Dr. Maria Juliet C. Ceniza	2020 - 2022	For Terminal Report Submission (Completed)
Ecological Farm and Resource Management Institute (Eco-Farmi)				
37	Integrated Nutrient Management for Horticultural Crops (Vegetables, Fruits and Herbs)	Dr. Romel B. Armecin Mr. Dhenber C. Lusanta	Jan 2014-Present	
VSU-Villaba				
38	Collection and Screening of Garlic and Bulb Onions for Adaptability in Leyte Soil and Climate Conditions (Project)	Florentino, NN	August 2021-August 2024	
II. INCOME SHARE FOR RESEARCH				
Institute of Strategic Research & Development Studies (ISRDS)				
39	More than just food: Exploration of the perceptions ascribed to food by the different social groups in Eastern Visayas	Gina A. Delima Christopher R. Galgo, Jr.	Oct 2022 – Sept 2023	For Terminal Report Submission (Completed)
Department of Horticulture (DOH)				

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
40	Liquid Nutrient Formulations for High Value Vegetable Production (Phase II)	Salas, RA FM	Salas, June 2012-Present	
Department of Agronomy (DA)				
41	National Cooperative Testing Program for Legumes	Ratilla, BC (eff. Sept-dec)	Aug 2017- Present	
42	Formulation of Home-mixed Pellet Ration as Dietary Supplement in Post-weaned Rabbits	Jerome Arribado	July 2021-Present	
III. INTERNATIONALIZATION PROGRAM PROJECTS				
Philippine Rootcrops Regional Training Center (PRCRTC)				
43	High-Throughput Field-Phenotyping (HTFP) of Major Rootcrops Using Unmanned Aerial Vehicle (UAV)	Ms. Mae Ann A. Bravo	April 2021 - April 2024	
44	Developing a Smart and Sustainable Disaster Risk Management Model for Visayas	Dr. Anabella B. Tulin	April 2021 - March 2024	
	Comp 2. Development of disaster food packs	Dr. Ivy C. Emnace	April 2021 - March 2024	
45	Development of an Automated Drying System for Cassava Grates Using a Real-time Moisture Content Sensor	Dr. Daniel Leslie S. Tan, Engr. Eldon P. De Padua	April - April 2024	
College of Agriculture and Food Science (CAFS)				
46	Characteristics, Mineral Stresses and Management of Acid Soils for Sustainable Crop Production	Dr. Victor B. Asio	April 2021 - April 2023	
Department of Agronomy (DA)				

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
47	VSU-IRRI Collaborative Project on Genetic Evaluation of Pre-Variety Breeding Rice Lines Through the ASEAN RiceNet	Dr. Dionesio M. Bañoc	April 2021 - April 2024	
Department of Agricultural and Biosystems Engineering (DABE)				
48	Development of a portable and non-contact Jackfruit quality and maturity detector	Engr. Eldon P. De Padua, Mr. Julious Cerna, Dr. Lorina Galvez	April 2021 - April 2023	
49	Nanomaterial-encapsulated Microbial Inoculant as Tuber Sett Coating to Enhance Growth, Yield and Micronutrient Uptake of Purple Yam	Dr. Edgardo E. Tulin; Dr. Anabella B. Tulin; Dr. Ma. Theresa P. Loreto; Ms. Chinelo M. Cardano	April 2021 - April 2024	
2022				
Philippine Rootcrops Regional Training Center (PRCRTC)				
50	Development of Sustainable Quality Planting Materials for Improved Production in Support to the Commercialization of SP Products	Ms. Mae Ann A. Bravo	July 2022- Present	Just Started
Department of Soil Science (DSS)				
51	Evaluation and Development of Sustainable and Environment-friendly Soil Management Innovations for Rootcrops and Vegetable Production in Andisol	Dr. Suzette B. Lina	July 2022- Present	Just Started
52	Standardization of Locally-produced Fermented Fishery Commodities in Eastern Visayas	Dr. June Rey A. Montajes	July 2022- Present	Just Started
College of Nursing (CON)				
53	Comparative study on the Implication of Global Health Problem (Covid-19) to Nursing Education Among Partnered Asian Institutions: Basis for the Development of Resilient Nursing Education Curriculum	Dr. Joel Rey U. Acob	July 2022- Present	Not Yet Started

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
NEWLY APPROVED PROJECTS IP FOR 2023				
National Abaca Research Center (NARC)				
54	Collection, Geomapping, and Conservation of Jackfruit Genotypes for the Utilization and Innovation of Novel Varieties	Dr. Luz O. Moreno, Ms. Jedi Joy B. Mahilum, Ms. Mae Ann A. Bravo, Prof. Alan B. Loreto, Ms. Mary Ann Munda	2023	Not Yet Started
Philippine Rootcrops Regional Training Center (PRCRTC)				
55	Screenhouse-based High-Throughput Phenotyping (HTP) for the Development of Climate-resilient Rootcrops	Ms. Jedi Joy Mahilum, Ms. Mae Ann A. Bravo, Prof. Alan B. Loreto, Ms. Mary Ann Munda	2023	Just Started
Department of Food Science and Technology (DFST)				
56	Characterization and Profiling of Functional Properties of Flour and Starch from Selected Cassava Varieties (Phase 1)	Dr. Ivy C. Emnace, Dr. Eileen B. Bandalan, Dr. Roberta D. Lauzon, Dr. Christina A. Gabrillo	2023	Not Yet Started
57	Improvement and Enhancement of Quality and Stability of Selected, Dairy Products Processed by the Philippine Carabao Center, VSU (Phase 1)	Dr. Ivy C. Emnace, Dr. Roberto D. Lauzon, Dr. Eileen B. Bandalan, Engr. Ayrtan John Bantay	2023	Just Started
IV. FUTURES THINKING PROJECT (FTP)				
College of Management Economics (CME)				
Philippine Rootcrops Regional Training Center (PRCRTC)				

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
58	VSU Resilient Kamote: Versatile Crop for the Future	Dr. Anabella B. Tulin	November 2021-Present	
Department of Business Management (DBM)				
59	Comprehensive Baseline Documentation and Product- Market Profiling of the Jackfruit Industry in Philippines	Dr. Antonio P. Abamo	December 2021 - September 2022	For Terminal Report Submission (Completed)
V. EXTERNALLY FUNDED PROJECTS				
Department of Pest Management (DPM)				
60	Field performance trial of rice for the NCT-insect screening and NCT-disease screening	Dr. Elvira Oclarit		
Department of Business Management (DBM)				
61	Exploratory Market Studies of Fermented Rice Bran-Incorporated Food Products	Ms. Angelita L. Paradero Dr. Nilda T. Amestoso	January 2021 - September 2021	Submitted a Terminal Report (Completed)
62	Learning Alliance Approaches to Scaling out Vegetable Chains in the Southern Philippines	Ms. Hadasha B. Bongat	August 2019 - September 2022	For Terminal Report Submission (Completed)
63	Agribusiness-led inclusive value chain development for smallholder farming systems in the Philippines (IVC) Philippines)	Dr. Antonio P. Abamo	August 2021-July 2025	
64	Evaluation and Adaptability Trial of Phytoplasma-Resistant Cassava Varieties in Region 2,3,7,8, & 10	Dr. Erlinda A. Vasquez	August 2018 - September 2022	For Terminal Report Submission (Completed)
65	Pilot Testing of Portable Vacuum Frying System for Mushroom and Portable Extruders for Rice-based Products in Central Luzon	Dr. Daniel Leslie S. Tan Prof. Marlon M. Tambis	2021-2022	For Terminal Report Submission (Completed)
Innovation Office (IO)				

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



CATEGORY				
No.	Research Title	Researcher(s)	Status	Remarks
66	Food Value Chain Improvement of Vegetables and Tilapia in Region 8	Prof. Alan B. Loreto	June 2021 – May 2022	For Terminal Report Submission (Completed)
Department of Horticulture (DOH)				
67	Improvement of Production and Post-Harvest Facility Towards Gap or Organic Certification	Dr. Rosario A. Salas	2021-2022	For Terminal Report Submission (Completed)
68	Developing Vegetable Value Chains to Meet Evolving Market Expectations in the Philippines	Dr. Zenaida C. Gonzaga	2019 - Present	

**Vision:** A globally competitive university for science, technology, and environmental conservation.

**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.