

CAPSULE CURRICULUM VITAE

JULIOUS BAGARINAO CERNA

Registered Professional Agricultural Engineer

Present Position : Instructor I
Office Address : Department of Food Science and
Technology, VSU, Baybay, Leyte
E-mail address : juliouscerna@gmail.com
Mobile No. : +63-63-808-6933



EDUCATIONAL BACKGROUND

2019: MS in Agricultural Engineering (Agricultural and Bio-Process Engineering), UPLB, College, Laguna

On-going – MS in Food Science and Technology, VSU, Baybay City Leyte

2010: Bachelor of Science in Agricultural Engineering, Visayas State University

HONORS/AWARDS RECEIVED

Best Poster – Process Optimization of Intermittently Dried Marinated Galunggong (*Decapterus macarellus* Bleeker). 3rd International STEAM Research Congress. (2019)

Best Paper – Process Optimization of Intermittently Dried Marinated Galunggong (*Decapterus macarellus* Bleeker). 3rd International STEAM Research Congress. (2019)

Best Poster - Entrainment Ratio Modelling of Ejector for Vacuum Frying System Using Numerical Approach. 3rd International STEAM Research Congress. (2019)

1st Placer – Licensure Examination for Agricultural Engineers (2010)

SCHOLARSHIPS

2019 : Human Resource Development Project in Food-Related Areas through Partnership Program with Universities in ASEAN Region

2015 – 2017 : DOST – Engineering Research, Development, and Technology Scholarship

PUBLICATIONS

- Lao, C. A., & Cerna, J. B. (2021). Sensory Characteristics of Intermittently Dried Sweetened Seriales (Flacourtia Jangomas [Lour.] Raeusch) as influenced by Time and Temperature. Journal of Society and Technology, 10(1).
- Magallanes, J.N., Cerna, J.B. and Salas, F.M. (2021). Production and free radical scavenging activity of guyabano (Annona muricata L.) peel tea with varying levels of honey and calamansi (Citrus fortunella microcarpa B.) juice. Acta Hortic. 1312, 507-514
- Baclayon, L. P., Cerna, J. B., & Cimafranca, L. C. 2019. Sensory quality of custard tart as affected by varying levels of Mabolo (Dispyros blancoi A. DC) Flesh. Annals of Tropical Research 42 (2).
- Dacera, D. P., Ramada, D. P., Salangsang, A. P., Yap, C. A. C., Cerna, J. B., & Bellen, J. A. (2019). DESIGN AND EVALUATION OF PEDAL-OPERATED COMPOSTER. Innovative Technology and Management Journal, 2.
- Cerna, J. B. & Elepaño, A. R. 2018. Selected Flow Property Modelling of a Water-Air Ejector Using Numerical Approach as Precursor to Shape Optimization. Journal of Society & Technology 8:25-32

PATENTS/UTILITY MODELS

- 02018-2438 - Development of Coconut Water-based Nutritional Drench for Increased Survival and Performance of Newborn Kids (Patent)
- PH2/2019/050317 – Intermittently Dried Jackfruit (Utility Model). Publication Number: 2/2016/050317. Grant Date: 02.12.2020
- PH2/2019/050323 – A Method of Preparing Intermittently Dried Jackfruit (Utility Model). Grant Date: 30.06.2021
- PH2/2020/050603 – Method of Producing Tableya-Flavored Soya Milk Beverage (Utility Model). Grant Date: 24.05.2021
- PH2/2016/001117 - Improved Process for Producing Vacuum Fried Fruit Products (Utility Model). Grant Date: 17.08.2020

TRAINING/SEMINARS/WORKSHOPS/SYMPOSIUM ATTENDED

1. 18th International Agricultural Engineering Conference and the 71st PSABE Annual National Convention on April 25-27, 2022, via Virtual Platform and limited Face to Face. (Presenter)
2. 4th International STEAM Research Congress. February 3-5, 2021. Via Online Platform. (Presenter)

3. Training on Fruit and Vegetable Processing. May 5 – 22, 2020. LGU, Baybay City, Leyte. (Resource Person)
4. 3rd International Multidisciplinary Research Conference. March 1 – 3, 2020. Leyte Normal University, Tacloban City Leyte. (Presenter)
5. Patent Search Writeshop. February 11 – 13, 2020. University of San Jose-Recoletos Main campus, Cebu City.
6. Short Course Training and Workshop on Food Value Chain. October 7 – 11, 2019. Via Online Platform. ASEAN, Ministry of Agriculture, Forestry, and Fisheries (MAFF) – Japan
7. Educational Research on Utilizing Formulation Optimization and Sensory Evaluation as Strategies in Teaching Food Processing. August 22-24, 2019. DepEd, Rizal National High School, Rizal, Dulag, Leyte. (Resource Person)
8. Region VII CRADLE Workshop-Writeshop. May 29-30, 2019. DOST 8, Palo, Leyte
9. Proposal Enhancement Writeshop. May 30-31, 2019. DOST 8, Palo, Leyte
10. 3rd International STEAM Research Congress of Food and Eating 41st Annual Conference of Ugnayang Pang-Aghamtao, Inc. August 7-9, 2019. Via Online Platform. Eastern Visayas State University, Tacloban City, Leyte
11. Joint ASEAN Cooperation on Agricultural and Biosystems Engineering (ACABE) and ASEAN Universities Consortium on Food and Agro-Based Engineering and Technology Education (AUCFA). November 5-9, 2018. Royce Hotel, Clark City, Pampanga
12. Seminar on "Let's Talk About Tableya and Chocolates". October 10, 2018. DOST 8, Palo, Leyte
13. Seminar on Food Value Chain. September 10-14, 2018. Bayfront Hotel, Cebu City.
14. 12th Agricultural Engineering Conference, 65th PSAE Annual National Convention. 26th Philippine Agricultural Engineering Week and 25th International Agricultural Engineering Conference and Exhibition. April 19 – 25, 2015.
15. Transition Course on Manifold to Quantum GIS. November 24 – 28, 2014.
16. 11th Agricultural Engineering Conference, 64th PSAE Annual National Convention. 25th Philippine Agricultural Engineering Week and 25th International Agricultural Engineering Conference and Exhibition. May 15 – 19, 2014
17. One-on-one Consultative Meeting: Seminar-Workshop on Shared-Service-Facilities. Date. DTI Provincial Office, Tacloban City, Leyte.
18. 8th PSLAB Scientific Conference: "Lactic Acid Bacteria R and D for Health and Wealth". 23rd day of November, 2012. CCE Building, Visayas State University, Visca, Visca, Baybay, Leyte.

19. Seminar on: "Renewable Energy Source for Rural Development". 26th day of March, 2012. Philrootcrop, Visayas State University, Visca, Baybay, Leyte. Speaker: Engr. Peter Billiard
20. Student Leadership & Organization Management Seminar. October 16-17, 2009. Visayas State University Convention Center, Visca, Baybay, Leyte. Conducted by Renato Jose Maria V. Molano.
21. Seminar-Workshop on "Newswriting". 3rd day of February, 2006. Multimedia Development Center, Visayas State University, Visca, Baybay, Leyte. Prepared by Dr. Rotacio Gravoso, Facilitator.
22. Dangerous Drug Prevention Seminar. 30th day of July, 2005. Headquarter, 8th Regional Community Defense Group, Army Reserved Command (ARESCOM), Camp Downes, Ormoc City. Lt. Col. Ricardo M. Colina, Training Director.

MEMBERSHIP IN ORGANIZATION:

1. Banaag Visual Art Group under the Visayas State University Visual Arts Guild (VIVAG) at the Visayas State University (2005-2010).
2. Vice President of the College of Engineering and Agri-Industries (2009-2010).
3. Vice President of the Banaag Visual Arts Group (2007-2008).
4. Treasurer of the the Banaag Visual Arts Group (2006-2007).
5. Member, Philippine Society of Agricultural Engineers, 2010 to present
6. Member, Philippine Society of Lactic Acid Bacteria Inc., 2012 to present
7. Adviser, Philippines Society of Agricultural Engineering – Visayas State University Student Chapter (PSAE-VSUSC), 2011 – 2013.
8. Adviser, Philippines Association of Food Technologist– Kappa Student Chapter (PAFT-KSC), 2011 – 2013.
9. Phi Kappa Phi Honor Society. Member. 2016
10. Phi Sigma Honor Society. Member. 2016