



7th USM Student Research In-House Review

Commercial Building

UNIVERSITY OF SOUTHERN MINDANAO

Kabacan, Cotabato

May 31, 2022

RATIONALE

This Research Development & Extension (RDE) Agency In-House Review is an annual/yearly activity of the University. The main objective is to review and evaluate all on-going and completed Research Development and Extension Programs/Projects/Studies. This serves as avenue for all researchers, extension workers and other stakeholders to convene and exchange new knowledge or products generated and development/extension strategies relevant to the University's vision, mission, and objectives. It is also through this activity that investments in RDE can be appraised thoroughly to ensure that RDE activities are geared toward addressing the needs and problems of the clientele of the university in its service area, in particular, and in the national level in general, for sustained agricultural development and its allied fields. Expectedly, very active interactions will form part of the highlights.

OBJECTIVES

1. To evaluate completed and on-going RDE projects/activities particularly with regard to the attainment of objectives and adherence to the approved programs;
2. To identify problems met during the implementation and recommend specific courses of action, i.e. continuation, extension, modification of planned activities and methodology, suspension, termination, etc., in compliance with the recommendations of the evaluating panel;
3. To identify technologies generated for field testing, verification, and piloting before its final dissemination/promotion and commercialization;
4. To identify mature technologies ready for packaging and dissemination;
5. To identify significant results for policy formulation and development;
6. To identify new researchable areas; and
7. To record and monitor both in-house and externally funded researches.

GENERAL SCHEDULE OF ACTIVITIES

October 23, 2019

| TIME | ACTIVITY |
|---------------------|---|
| 7:30 AM – 9:30 AM | Registration |
| 9:30 AM – 9:45 AM | Opening Program |
| 10:00 AM – 12:00 NN | Presentation of Student Research Projects |
| 12:00 NN – 1:00 PM | <i>Lunch Break</i> |
| 1:00 PM – 2:00 PM | Poster Viewing |
| 3:00 PM | Awarding and Closing Program |

OPENING PROGRAM

Commercial Bldg, University of Southern Mindanao

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| Invocation | |
| Christian Prayer | Mr. Kharlo J. Subrio EPS II |
| Muslim Prayer | Dr. Abubakar A. Murray Director, PICRI |
| National Anthem | Ms. Apple R. Ureta CHEFS, College Research Coordinator |
| Welcome Remarks | Dr. Ma. Teodora N. Cabasan Vice President for RD&E |
| Message | Dr. Francisco Gil N. Garcia SUC President IV |
| Rationale | Dr. Mary Joy Cañolas Director, Extension Service |
| Presentation of Evaluators and Moderators | Dr. Lorelyn Joy N. Turnos CA, College Research Coordinator |

Joeseeph Quisado, Ph.D

EMCEE

PANEL OF EVALUATORS

BASIC RESEARCH

Dr. Romulo L. Cena

Dr. Debbie Marie B. Verzosa

Dr. Jelly Grace Noneza

APPLIED RESEARCH

Dr. Naomi G. Tangonan

Dr. Krizler Tanalgo

Dr. Glyn G. Magbanua

SOCIAL SCIENCE

Dr. Lorna G. Valdez

Dr. Romiel John Basan

Dr. Elizabeth Molina

MODERATORS

BASIC RESEARCH

Ms.Ivy M. Pasquin

Mr. Joseph O. Castillo

APPLIED RESEARCH

Ged Sumayo

Franz Bert Gomez

SOCIAL SCIENCE

Rowell Nitafan

Kurtney Donque

SCHEDULE OF PROGRAM

| TIME | BASIC | APPLIED |
|-----------------|--|---|
| MORNING SESSION | | |
| 9:30 -9:45 | OPENING PROGRAM | |
| 9:45-10:00 | PREPARATION FOR THREE VENUES | |
| 10:00-10:10 | Prevalence and Risk Factors to Gastrointestinal Helminthiasis In Goats In Antipas, North Cotabato/ <i>Henien V. Presno and Dr. Elizabeth C. Molina</i> (CVM) | Evaluation of Chorionic G Spawning In Mudfish/ <i>Al Amabelle M</i> |
| 10:10-10:20 | Identification and Incidence of Fungal Diseases in Five Varieties of Adlai (<i>Coix lacrymba-jobi</i> L.) Planted Under USMARDC Condition/ <i>John A. Sasi & Dr. Tamie C. Solpot</i> (CA) | Buri Palm (Geotextile/ <i>Bernadeth</i> |
| 10:20-10:30 | Sensitivity of Microbial Inhibition Assay for Screening Antibiotic Residues In Retailed Meats/ <i>Joren R. Mahusay & Elma G. Sepelagio, RMT, Mappsci</i> (CHEFS) | Wiring Boa Innovation/ <i>PhD & Man</i> |
| 10:30-10:40 | Conserving Soil Fertility: Utilization of Banana Pseudo-Stem Sheath As Erosion Control Geotextile/ <i>Eddelyn B. Acedilla & Tito Jun T. Tidula, ABE</i> (CEIT) | Quality Eva Incorporate <i>thermophilic</i> Mark Winst Piamonte; I |
| 10:40-11:00 | OPEN FORUM | |
| 11:00-11:10 | Bahaghari: Experimental Assessment on the Resilience and Work Engagement of the LGBTQIA+ Employees in Kidapawan City/ <i>Melben E Estrada & Cheryl Y. Dulay, DBA</i> (CBDEM) | Bamboo Sp Machine (B Nabalitan & |

PRESENTATIONS

| ID | SOCIAL SCIENCE |
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| tion of Ovaprim and Human nic Gonadotropin (Hcg) in the ing Induction and Egg Quality of h/ <i>Aira Joy C. Suarez & Ms. Pia lle M. Flores</i> (CA) | Water For All: Understanding the Narratives on Clean Water and Sanitation from the Lens of the Manobo/ <i>Kyla G. Piala & Prof. Erwin A. Mallo</i> (CED) |
| lm (<i>Corypha utan</i> Lam.) Leaves As tile/ <i>Mohaimen H. Pasawilan & Engr. eth V. Dapun</i> (CEIT) | Assessment of Postharvest Handling By Tampakan Public Vendors Focusing on Soft Rot of Vegetables/ <i>Shania Nicole C. Marcelino & Mr. Clark I. Maarat</i> (CA) |
| Board Trainer: Design And tion/ <i>Rene D. Walog, Joel V. Misanes Manuel J. Tayong PhD</i> (CTI) | Human Insecurities an Exploration of the Lived- Experiences of Ethnic Groups in Kidapawan City, Cotabato/ <i>Jevelyn V. Diaz & Dr. Abdalnasser G. Makalugi</i> (IMEAS) |
| r Evaluation of Coco Yoghurt orated with <i>L. bulgaricus</i> and <i>S. philus</i> / <i>inston C. Ladrillo & Maribelle T. ite; MSFT</i> (CHEFS) | Probing Online News in the Covid-19 Pandemic: A Critical Discourse Analysis/ <i>April Joy M. Portugal & Dr. Donnie M. Tulud</i> (CASS) |
| | |
| o Splitting and Slat Thinning ie (Bamboo Splitter)/ <i>Wheitheniel an & Jimmy Rama</i> (USM-KCC) | Assessment on the Acceptability of Rabbit Meat as Alternative Source of Protein Among Households in Kidapawan City, North Cotabato/ <i>Cleah B. Daplinan & Kathleen Ivy Z. Bolotaolo</i> (CBDEM) |

SCHEDULE OF P

| TIME | BASIC | APPLIED |
|-------------------|--|---|
| 11:10-11:20 | Organoleptic Evaluation of Banana Psuedo Stem as Longganisa Extender/ <i>Hazelyn P. Hilario & Emilie S. Estelloso</i> (USM-KCC) | A Comparati Grip and We Tennis amor <i>Bagayas & M</i> |
| 11:20-11:30 | 7 | Developer Chips/ <i>Nedd Novy Anne C Irving T. Faja</i> |
| 11:30-11:40 | 8 | |
| 11:40-12:00 | OPEN FORUM | |
| 12:00-1:00 | LUNCH BREAK | |
| AFTERNOON SESSION | | |
| 1:00-2:00 | POSTER VIEWING | |
| 2:00-2:10 | 9 | |
| 2:10-2:20 | 10 | |
| 2:20-2:30 | 11 | |
| 2:30-2:40 | 12 | |
| 2:40-3:00 | OPEN FORUM | |
| 3:20-3:30 | CLOSING PROGRAM | |

5 PRESENTATIONS

WORKING CO

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| Role | Persons Involved |
|---|---|
| Executive/Steering Committee | |
| | Ma.Teodora N. Cabasan Mary Joy S.Canolas Debbie Marie Verzosa Efren E. Magulama Abubakar A.Murray |
| Program Committee | |
| Chairperson | Jasmin A. Pecho |
| Co-Chair | Mary Grace D. Samulde |
| Member | Athena Beulah Pineda |
| Certificates Committee | |
| Chairperson | Rhea Ann Antonio |
| Co-Chair | Merchia Mayormonte |
| Member | Rezin G. Cabantug Revin Casten |
| Evaluators Search/Invitation Committee | |
| Chairperson | Lorelyn Joy N. Turnos |
| Co-Chair | Bernadith T. Borja |
| Member | Mark Al-Jamie Muttulani |
| Registration and Ushering Committee | |
| Chairperson | Leanne Jay S. Manceras |
| Co-Chair | Amancio S. Manceras, Jr. |
| Session I(basic) | OJT Students |
| Session II(applied) | OJT Students |
| Session III (social sciences) | OJT Students |
| Secretariat and Proceedings Committee | |
| Chairperson | Dyane Rhea Bana-ay |
| Co-Chair | Erlmarie Crase Eric John C. Diel Angelie V. Namia |

COMMITTEES

| Rapporteur Committee | |
|----------------------------------|--|
| Over-all Chairperson | Janice M. Bangoy |
| Session Co-Chair | Kathleen Ivy Bolotaolo |
| Member | Mary Grace S. Balbuena April Kimberly Lamera Tessie Eucogco |
| Computer operator | Reijie E. Madre |
| Session II Co-Chair | Helen A. Macailing |
| Member | Jalaloden Marohom |
| | Vannyrie Reyes |
| | Dennis Nalasa |
| Computer operator | Korena Gornes |
| Session III Co-Chair | Kharlo J. Subrio |
| Member | JZA Taposok |
| | Anor e. Digandang |
| | Iena Byb Alcazaren |
| Computer operator | Diether Barro |
| Audio-Visual Equipment Committee | |
| Chairperson | Marilyn S. Painagan |
| Co-Chair | Eugene G. Ranjo |
| Member | Joseph Lorilla Florey Mae Pascua Catherine Daffon Anita Sornito |
| Support Staff | Clarence Dave G. Galas |
| | Nelson Balneg |

WORKING COMMITTEES

| Hall Preparation and Restoration Committee | |
|--|--|
| Chairperson | Marlene E. Orfrecio |
| Co-Chair | Ruben L. Tagare Jr. |
| Member | Emmanuelle E. Vios Jemwell B. Francisco Marvin U. Cayona |
| Paper and Poster Award Committee | |
| Chairperson | Sandra Joy P. Pahm |
| Co-Chairperson | Josephine R. Flores |
| Session I | Sandra Joy Pahm |
| | Mary Ann Rama |
| Session II | Bernadith Borja |
| | Neil Pep Dave Sumaya |
| Session III | Roy Ricabar Cris Harvin Calvo |
| Honorarium and Token Committee | |
| Chairperson | Ma. Teodora N. Cabasan |
| Co-Chairperson | Mylin C. Prado |
| Member | Deborah Psyche D. Miras Leah May Recapente |
| Food Committee | |
| Chairperson | Apple R. Ureta |
| Co-Chairperson | JmJson Bautista |
| Member | Saima M. Andil OJT Students |
| Documentation Committee | |
| Chairperson | Roviline R. Pal-iwen |
| Co-Chair | Jovelyn Gesulga |
| Member | OJT Students |
| Transportation and Electricity Committee | |
| Chairperson | Benjamin E. Fortinez, Jr. |
| Co-Chairperson | Samson Rapuza |
| Member | CTI Faculty Rozen G. Pecho |

CLOSING PROGRAM

**Commercial Bldg, University of Southern Mindanao
Kabacan, Cotabato May 31, 2022, 3:00PM**

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| PRESENTATION OF SYNTHESIS | |
| Session 1 (Basic) | Kathleen Ivy Bolotaolo CBDEM, College Research Coordinator |
| Session 2 (Applied) | Helen A. Macailing CBDEM, College Research Coordinator |
| Session 3 (Social) | Kharlo J. Subrio EPS II |
| Presentation of Student Research Output | Ma. Teodora N. Cabasan, PhD VPRDE |
| Acceptance of Student Research Output | Francisco Gil N. Garcia, PhD SUC President IV |
| Giving of Certificates & Token to Evaluators | Francisco Gil N. Garcia, PhD SUC President IV |
| Awarding of Best Paper and Best Posters | Francisco Gil N. Garcia, PhD SUC President IV |
| Closing Message | Francisco Gil N. Garcia, PhD SUC President IV |
| Closing Prayers | Tamie Solpot, PhD CA Faculty |
| Singing of USM Hymn | Abubakar A. Murray, PhD PICRI, Director |

Ms. Leanne Jay S. Manceras
Lady of Ceremony

VISION

USM envisions upholding its status of excellence in research and development by continuing to be the pioneer source of technology and information that are on track towards poverty reduction, food security, and global competitiveness for cohesive and sustainable development among its multi-socio-cultural clientele.

MISSION

To put into operation a system to undertake multi-disciplinary approach for R & D activities to ensure that technologies and information generated can address the prevailing concerns and issues in the local, regional and national levels for sustainable development.

GOALS

Improve the system with scientific excellence through collaborative and interdisciplinary R&D activities that are anchored on the University's vision/mission;

Conduct researches and generate technologies that could provide solutions and address the local, regional, and national concerns and issues;

Provide a mechanism to ensure that research results be effectively and efficiently delivered to the clients for utilization and commercialization; and

Build up resource generation facilities for continuous and sustainable R&D programs that are geared towards ensuring food security, global competitiveness, socio-cultural responsiveness that eventually improve the quality of life of the clientele.



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