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7th USM Student Research In-House Review

Theme: *USM Towards a Globally Competitive
Research University*

This serves as an invitation

**Commercial Building
UNIVERSITY OF SOUTHERN MINDANAO
Kabacan, Cotabato**

**June 1, 2022
9:30 AM**



Republic of the Philippines
UNIVERSITY OF SOUTHERN MINDANAO
Tel.No. (064)572-2138
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OFFICE OF THE PRESIDENT

Message



Research unlocks the unknown, expands the knowledge that we have acquired, and allows us to traverse from different perspectives all over the world. Since learning is a lifelong process, and there's more to learn, it is through research that we have countless discoveries from new invented machines to new medicines. Research supports every individual.

I am glad and proud, because research is a godsend to human beings and we are exercising such blessing. The university is able to produce numerous studies, and this only means that we are on the right path. Improving the quality of life through research is one of the university's mission.

To the students and faculty, congratulations on your papers. Hoping for more research studies from all of you. Thank you.

FRANCISCO GIL N. GARCIA, PhD
SUC President IV

GENERAL SCHEDULE OF ACTIVITIES

June 1, 2022

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
Kabacan, Cotabato
May 31, 2022,
9:30 AM**

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. Elizabeth Molina

SOCIAL SCIENCE

Dr. Lorna G. Valdez
Dr. Romiel John Basan
Dr. Glyn G. Magbanua

MODERATORS

BASIC RESEARCH

Ms. Janice M. Bangoy

Mark Al-Jamie Mutullani

APPLIED RESEARCH

Ged Sumayo

Franz Bert Gomez

SOCIAL SCIENCE

Rowell Nitafan

Kurtney Donque

SCHEDULE OF PRESENTATIONS

TIME	BASIC	APPLIED	SOCIAL SCIENCE
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 Antipias, North Cotabato/ <i>Henien V. Presno and Dr. Elizabeth C. Molina (CVM)</i>	Evaluation of Ovaprim and Human Chorionic Gonadotropin (Hcg) in the Spawning Induction and Egg Quality of Mudfish/ <i>Aira Joy C. Suarez & Ms. Pia Amabelle M. Flores (CA)</i>	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 (CED)</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 (CA)</i>	Buri Palm (<i>Corypha utan</i> Lam.) Leaves As Geotextile/ <i>Mohaimen H. Pasawilan & Engr. Bernadeth V. Dapun(CEIT)</i>	Assessment of Postharvest Handling By Tampakan Public Vendors Focusing on Soft Rot of Vegetables/ <i>Shania Nicole C. Marcelino & Mr. Clark I. Maarat (CA)</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 (CHEFS)</i>	Wiring Board Trainer: Design And Innovation/ <i>Rene D. Walog, Joel V. Misanes PhD & Manuel J. Tayong PhD (CTI)</i>	Human Insecurities an Exploration of the Lived- Experiences of Ethnic Groups in Kidapawan City, Cotabato/ <i>Jvelyn V. Diaz & Dr. Abdulnasser G. Makalugi (IMEAS)</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 (CEIT)</i>	Quality Evaluation of Coco Yoghurt Incorporated with <i>L. bulgaricus</i> and <i>S. thermophilus</i> / <i>Mark Winston C. Ladrillo & Maribelle T. Piamonte; MSFT (CHEFS)</i>	Probing Online News in the Covid-19 Pandemic: A Critical Discourse Analysis/ <i>April Joy M. Portugal & Dr. Donnie M. Tulud (CASS)</i>
10:40-11:00	OPEN FORUM		
11:00-11:10	Organoleptic Evaluation of Banana Psuedo Stem as Longganisa Extender/ <i>Hazelyn P. Hilario & Emilie S. Estelloso (USM-KCC)</i>	Bamboo Splitting and Slat Thinning Machine (Bamboo Splitter)/ <i>Wheitheniel Nabalitan & Jimmy Rama (USM-KCC)</i>	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 (CBDEM)</i>

TIME	BASIC	APPLIED	SOCIAL SCIENCE
11:10-11:20	Bahaghari: Assessment on the Resilience and Work Engagement of the LGBTQIA+ Employees in Kidapawan City/ <i>Melben E Estrada & Cheryl Y. Dulay, DBA (CBDEM)</i>	Green Synthesis of Silver Nanoparticles with the Use of Akupao (<i>Spermacoce laevis</i> Lam.) and Evaluation on Its Antibacterial Property <i>Paulette/Sofia B. Laurente & Prof. Ronald Z. Pascual</i>	Ponuvadtuvad: Pagsusuri ng Pagpapahalagang Kultura ng Obo Manuvu/ <i>Maricel/Ambon & Jo-Ann D. Santos (USM-KCC)</i>
11:20-11:30	Health information needs and information seeking behavior of Iranun Women in Parang Maguindanao/ <i>Charlotte Andrea D. Tutor & Pamela B. Villanueva (CASS)</i>	Development an Marketability of Squash Chips/ <i>Neddar P. Jarabata, Novy Anne Ordoñez & Irving T. Fajarito Jr., DBM</i>	Business Behavior And Response Strategies Of TourismRelated Establishments In Makilala North Cotabato Amidst Covid-19 Pandemic/ <i>Siennah May S. Maambong & Meldred F. Samblaceño (CHEFS)</i>
11:30-11:40	Rubber Endophytic Fungi and Its Potential as Biocontrol Agent Against <i>Corynespora cassiicola</i> Causing Leaf Fall Disease/ <i>Jake F. Ton-ogan, Dr. Ma. Teodora N. Cabasan & Dr. Lothy F. Casim</i>		Understanding Community Perceptions and Values of Ecosystem Services in Mt. Apo Natural Park, Kidapawan City/ <i>Rhea Jenn U. Cayan, Meriam M. Rubio and Renee Jane A. Ele (CSM)</i>
11:40-12:00	OPEN FORUM		
12:00-1:00	LUNCH BREAK		
AFTERNOON SESSION			
1:00-2:00	POSTER VIEWING		
3:20-3:30	CLOSING PROGRAM		

WORKING COMMITTEES

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 Mayormente
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)	Jennifer D. Mendoza
Session II(applied)	Edrel Lynn C. Cadungog
Session III (social sciences)	Aga Vicente III S. Angub
Secretariat and Proceedings Committee	
Chairperson	Dyane Rhea Bana-ay
Co-Chair	Erlmarie Crase Eric John C. Diel Angelie V. Namia
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
		JZA Taposok
	Member	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 Floreey Mae Pascua Catherine Daffon Anita Sornito
	Support Staff	Clarence Dave G. Galas
		Nelson Balneg
Hall Preparation and Restoration Committee		
	Chairperson	Marlene E. Orfrecio
Co-Chair	Member	Ruben L. Tagare Jr. 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
June 1, 2022
3:00PM**

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 clienteles.

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 clienteles.



7th Student Research In-House Review

2022