



CHS 2024 ANNUAL REPORT

B. RESEARCH

Despite the unprecedented challenges faced by educators, faculty engagement and active participation remain vital in fostering professional growth and academic excellence. The College of Health Sciences (CHS) firmly upholds the importance of creating opportunities that emphasize the value of professional development as a cornerstone of faculty success. Through continuous learning, skill enhancement, and collaboration, educators are empowered to adapt to evolving demands and elevate their teaching and research contributions.

CHS takes immense pride in recognizing its faculty members for their outstanding achievements in research competitions and exemplary teaching performance. These accomplishments underscore their dedication, expertise, and unwavering commitment to advancing knowledge and shaping the next generation of healthcare professionals. By fostering a culture of innovation and excellence, CHS not only supports its educators in reaching their full potential but also reinforces its reputation as a leader in academic and professional development.

CHS Advances University's Vision of Becoming a Premier Research University

The **College of Health Sciences** is actively contributing to the University's vision of becoming a leading Research University. Faculty members are making significant strides through various publications and collaborative research efforts, showcasing their commitment to excellence in health sciences.

CHS Research Publications (2024)

The College of Health Sciences (CHS) at Mindanao State University-Iligan Institute of Technology (MSU-IIT) continues to excel in contributing impactful research in the field of health sciences. Faculty members have demonstrated academic rigor and scholarly excellence, achieving significant publications in prestigious journals both nationally and internationally. Below is a comprehensive list of research contributions by CHS faculty members for the year 2024.

1. Nurses' Discharge Education and Patient Self-Management



- **Authors:** Assoc. Prof. Gloria Shiela E. Coyoca, Assoc. Prof. Mae-Lanie Poblete, Asst. Prof. Reya T. Seno, and Assoc. Prof. Rambe C. Ramel, Jr.
- **Publication:** *The Malaysian Journal of Nursing (MJN)*, 15(3), 3-15
- **DOI:** <https://doi.org/10.31674/mjn.2024.v15i03.001>

This study highlights the extent to which nurses' discharge education impacts patients' preparedness for self-management post-hospitalization.

2. Tea Tree Oil for Aeroallergen Allergies

- **Author:** Assoc. Prof. Geraldine S. Ridad
- **Publication:** *International Journal of Advancement in Life Sciences Research*, 07(01), 65–72
- **DOI:** <https://doi.org/10.31632/ijalsr.2024.v07i01.007>

This research evaluates the effectiveness of tea tree essential oil and jojoba carrier oil in alleviating aeroallergen-induced allergies.

3. Adoption of Electronic Medical Records in Developing Economies

- **Co-author:** Assoc. Prof. Jiddo Andrei Maranda
- **Publication:** *DIGITAL HEALTH*, 10
- **DOI:** <https://doi.org/10.1177/20552076231224605>

A systematic review focused on physicians' perspectives regarding electronic medical record adoption in developing countries.

4. Women Public Healthcare Workers and Armed Conflict

- **Authors:** Assoc. Prof. Rambe Jr. Ramel, Assoc. Prof. Jiddo Andrei Maranda, Asst. Prof. Karen Veloso, Prof. Abdullah Junior Mangarun, Asst. Prof. Lynuel Santillana, and Asst. Prof. Jessica Orias
- **Publication:** *The Malaysian Journal of Nursing (MJN)*, 15(4), 91-99
- **DOI:** <https://doi.org/10.31674/mjn.2024.v15i04.011>

A qualitative exploration of the experiences of women public healthcare workers amidst armed conflicts in Southern Philippines.

5. Contraceptive Use Knowledge and Attitudes Among University Students

- **Authors:** Asst. Prof. Reya T. Seno, Asst. Prof. Lynuel R. Santillana, and Asst. Prof. Jessica B. Orias
- **Publication:** *The Malaysian Journal of Nursing (MJN)*, 16(1), 89-100



- **DOI:** <https://doi.org/10.31674/mjn.2024.v16i01.010>

This study delves into the knowledge and attitudes of female university students regarding contraceptive use.

6. Online Health Information Access Among Non-Nursing Students

- **Authors:** Asst. Prof. Jessica B. Orias, Assoc. Prof. Mae-Lanie O. Poblete, Asst. Prof. Reya T. Seno, and Asst. Prof. Lynuel R. Santillana
- **Publication:** *The Malaysian Journal of Nursing (MJN)*, 16(1), 3-13
- **DOI:** <https://doi.org/10.31674/mjn.2024.v16i01.001>

A qualitative study exploring how non-nursing college students access and utilize online health information.

7. Barriers to Healthcare Access Among Visually Impaired Individuals

- **Authors:** Assoc. Prof. Roselyn M. Butalid, Assoc. Prof. Gloria Shiela E. Coyoca, Asst. Prof. Reya T. Seno, and Assoc. Prof. Vincent G. Tabil
- **Publication:** *The Malaysian Journal of Nursing (MJN)*, 16(2), 209-219
- **DOI:** <https://doi.org/10.31674/mjn.2024.v16i02.021>

This study identifies barriers faced by visually impaired individuals in accessing healthcare services in Iligan City.

8. Coping with Cancer Through Religion and Culture

- **Author:** Assoc. Prof. Mae-Lanie O. Poblete
- **Publication:** *Frontiers in Psychology*, 15
- **DOI:** <https://doi.org/10.3389/fpsyg.2024.145702>

A qualitative investigation into how Filipino cancer patients draw strength from religion and culture in coping with their illness.

9. Telemedicine Adoption in Developing Economies

- **Authors:** Assoc. Prof. Mae-Lanie O. Poblete and Assoc. Prof. Art Brian Escabarte
- **Publication:** *UI Scholars Hub*, Vol. 19, Issue 4
- **DOI:** <https://scholarhub.ui.ac.id/kesmas/vol19/iss4/9>

A systematic review on enablers and barriers to telemedicine adoption in developing economies.

10. Access Control in Electronic Health Records

- **Authors:** Assoc. Prof. Minnie B. Mamauag and colleagues



- **Publication:** *Informatics in Medicine Unlocked*, 49, 101552
- **DOI:** <https://doi.org/10.1016/j.imu.2024.101552>

A systematic review on access control solutions in electronic health record systems.

11. Spirituality and Resilience Among Nursing Students

- **Author:** Assoc. Prof. Gloria Shiela E. Coyoca
- **Publication:** *The MSU-IIT Faculty Journal*
- **URL:** <https://journals.msuiit.edu.ph/tmf/article/view/685>

This research examines the relationship between spirituality and resilience among nursing students during the COVID-19 pandemic.

12. Behavioral Risk Scores for Noncommunicable Diseases

- **Author:** Assoc. Prof. Gloria Shiela E. Coyoca
- **Publication:** *Asia Pacific Journal of Social Innovation*, 36(2)
- **DOI:** <https://doi.org/10.62071/tmf.v36i1.692>

Factors affecting behavioral risk scores for noncommunicable diseases among CHS students were analyzed in this study.

These publications are a testament to CHS's commitment to advancing research and addressing contemporary challenges in healthcare and education.

Professional Development

To further strengthen research expertise, three faculty members participated in a hands-on training workshop on **Systematic Review and Meta-Analysis for Health Research** from September 18-20, 2024, held at the **College of Public Health**, Department of Epidemiology and Biostatistics, **UP-Manila**.

International Collaboration

CHS is actively fostering global research partnerships. Ten faculty members attended the **7th International Conference on Health Care and Allied Sciences (ICHAS 2024)**, which took place on September 25-26, 2024, at **Summit Hotel Subang USJ, Malaysia**.

Keynote Speakers:

- **Dr. Abdullah Junior S. Mangarun**, Dean of CHS, delivered a keynote address on **"Building a Robust Safety Culture: Enhancing Patient and Clinician Outcomes in Healthcare."**



- **Assoc. Prof. Neil M. Martin** presented on “**Timeless Knowing and Being as Caring: A Theory Construct.**”

Leadership Roles:

Dr. Mangarun served as chairperson for multiple sessions, demonstrating CHS's active leadership in international discourse. The conference, organized by Malaysia's Lincoln University College in collaboration with institutions from **Indonesia, India, and the Philippines**, featured over 90 presentations from international speakers and participants, including presentations from CHS faculty.

Student Engagement

Students, along with two faculty members, participated in the **International Conference on UN SDGs and Social Innovation (ICUNSSI)** held on September 18-19, 2024, at **Mindanao State University-Iligan Institute of Technology**. Notable student presentations included:

- **Ms. Mary Mananquil:** "Technological Caring in Nursing through TB Heal Mobile Application Development."
- **Asst. Prof. Reya T. Seno:** "Prenatal Health Care Experiences of Teenage Pregnant Women in a Geographically-Isolated and Disadvantaged Area (GIDA) in Northern Mindanao, Philippines."
- **Assoc. Prof. Gloria Shiela E. Coyoca:** "Needs Assessment of People with Disabilities: Basis for Designing a Sustainable Community Outreach Program."

The dedication and hard work of the **College of Health Sciences' administrators, faculty, and students** reflect the institution's strong commitment to achieving the University's mission of becoming a Research University. Through ongoing research activities, professional development, and international collaboration, CHS is advancing health sciences while addressing the evolving needs of our communities.



CHS Faculty Members Actively Participate in 7th Regional Health Research Conference

The **College of Health Sciences (CHS)** faculty members actively participated in the **7th Regional Health Research Conference**, held from October 22-24, 2024, at **Xavier University** in Cagayan de Oro City. This year's conference theme, **"Sustainable Health Solutions for a Greener Future: Bridging Health and Environmental Well-Being,"** explored the intersection of health and environmental sustainability.



Among the presentations, **Assistant Professor Johanna Jiel P. Cortes** presented her study titled **"From Tragedy to Strategy: Exploring the Lived Experiences of Disaster Victims in a Selected Barangay in Iligan City as a Basis for Disaster Nursing Interventions."** This research delves into the resilience of disaster victims and provides valuable insights for improving nursing interventions during disaster scenarios.

Associate Professor Rambe C. Ramel Jr. presented his study **"Assessing Nurses' Level of Sufficiency and Perceived Barriers in Providing Discharge Education: Basis for Reinforcement Program"** and earned **3rd place** in the poster contest. His work highlights the challenges nurses face in delivering discharge education, offering practical recommendations for implementing a structured reinforcement program.

Assistant Professor Queenie Ramel also contributed with a retrospective cross-sectional study entitled **"Predictors of Prolonged Length of Hospital Stay (PLOS) in the Surgical**



Ward of Gregorio T. Lluch Memorial Hospital: A Basis for Nursing Care Management.”

This research identifies key factors contributing to prolonged hospital stays, offering a framework for improving patient care management.

Additionally, **Associate Professor Art Brian S. Escabarte** participated in the **3-Minute Pitch to Policymakers** session, presenting “**HIPAK: A Retrospective Cross-Sectional Study on the Prevalence, Risk Factors, Harm Perception, and Attitudes Toward E-Cigarette Use Among University Students at Mindanao State University - Iligan Institute of Technology (MSU-IIT).**” His study addresses the growing prevalence of e-cigarette use among students and its implications for public health.

Furthermore, **Associate Professor Mamauag**, the former Dean of CHS, served as one of the facilitators at the conference, contributing significantly to the successful execution of the event.

These activities demonstrate **CHS's** ongoing commitment to advancing research in health, nursing, and medical sciences. The participation of faculty members in regional and national conferences, along with their publication efforts, highlights the college’s dedication to fostering **academic excellence, innovation, and the integration of research into healthcare practice and policy.**

CHS Faculty Present Research at the 3rd International Conference on Persons Deprived of Liberty

Faculty members from the College of Health Sciences (CHS) of Mindanao State University-Iligan Institute of Technology (MSU-IIT) actively participated in the **3rd International Conference on Persons Deprived of Liberty (PDL)**, held from October 9 to 11, 2024, at the University of Southeastern Philippines (USEP) Obrero Campus, Davao City. Themed “**Beyond Barriers: Reconnect and Rebuild,**” the event was organized by USEP in collaboration with the Social Entrepreneurship, Technology, and Business Institute (SETBI).

Research Contributions from CHS

Three CHS faculty members showcased their scholarly work during the conference:

- **Asst. Prof. Lynuel R. Santillana** presented her paper, “*Doing Time While Making Time for the Young: A Phenomenological Study on Mothers Deprived of Liberty in Iligan City*”



Jail – Female Dormitory Towards Motherhood,” under **Track 2: Elevating Voices (Narratives, The Arts, and Creative Expression)** on the first day.

- **Asst. Prof. Jessica B. Orias** delivered her research titled “*Sagip-Piitan: Health Care Initiative Health Lecture Series and Hygiene Kit Project,*” while **Assoc. Prof. Mae-Lanie O. Poblete** presented her paper, “*Evaluation of the Health Program for Older Adults in Iligan City Bureau of Jail Management and Penology: Basis for Formulation of Nursing Programs,*” under **Track 3: Equity in Policy and Practice (Access, Quality, and Pathways to Campus)** on the second day.



Keynote Insights

The three-day conference featured distinguished keynote speakers who shared valuable perspectives on education and transformative programs for persons deprived of liberty:

- **Dr. Mnessha Gellman**, Associate Professor and Director of the Emerson Prison Initiative, delivered the keynote on the first day.
- **Dr. J. Prospero “Popoy” De Vera III**, Chairperson of the Commission on Higher Education (CHED), addressed participants on the second day.
- **Attorney Sean Addie**, Director of the Correctional Education Office of Career, Technical, and Adult Education, United States Department of State, delivered a virtual keynote on corrections-based education and reentry programs.



Other Attendees from CHS

The CHS delegation included faculty members who participated in discussions and workshops, contributing to the vibrant exchange of ideas:

- **Assoc. Prof. Rambe C. Ramel, Jr.**
- **Assoc. Prof. Jiddo Andrei G. Maranda**
- **Asst. Prof. Karlo Gayao**



Transformative Education for Reentry

The conference served as a platform to explore innovative educational strategies and policies aimed at facilitating the successful reentry of persons deprived of liberty into society. The active involvement of CHS faculty highlighted their dedication to advancing inclusive healthcare education and supporting marginalized communities through impactful research and initiatives.

Through their participation, MSU-IIT reaffirmed its commitment to addressing societal challenges and promoting equity in education and healthcare access for all.



MSU-IIT CHS Hosts Qualitative Research Methods Workshop for Nursing Faculty

On July 30-31, 2024, the **College of Health Sciences (CHS)** at Mindanao State University–Iligan Institute of Technology (MSU-IIT) hosted a **Qualitative Research Methods Workshop** for faculty members from various institutions, including Iligan Medical Center College (IMCC), St. Michael's College (SMC) College of Nursing, and Adventist Medical Center College (AMCC) School of Nursing. The event was held at the CHS Hall in Iligan City.



Collaborating for Excellence

The two-day workshop was made possible through collaboration with the **College of Nursing, Silliman University (CON-SU)**, **Dr. Luz Sobong Porter Center for Leadership Excellence in Nursing (CoLEN)**, and **Metro Pacific Health (MPH)**. It aimed to enhance participants' skills in qualitative research, focusing on the **use of digital tools for data analysis, methodological rigor, and standardized research approaches**.



Expert Resource Persons

The event featured two distinguished resource persons:

- **Dr. Evalyn E. Abalos**, Co-Director of CoLEN, CON-SU
- **Dr. Chanell Jan C. Concepcion**, Head of Nursing Education and Training, MPH

Program Highlights

Day 1:

- Opening remarks by **Dr. Abdullah Junior S. Mangarun**, Dean of CHS
- Rationale provided by **Dr. Gloria Shiela E. Coyoca**, CHS Research Coordinator
- Sessions covering **research paradigms, qualitative traditions and methodologies, data analysis, and digital tools** (MS Office and NVivo)

Day 2:

- Focused discussions on **publishing in qualitative nursing journals and writing qualitative research proposals**
- Interactive group activities, including **concept paper development and output presentations** for feedback and critique



Continuing Professional Development

Participants earned **13.5 approved CPD credit units**, aligning with requirements for nurses' professional development and underscoring the workshop's practical relevance.

Advancing Research and Innovation

The workshop exemplified **MSU-IIT CHS's commitment to academic excellence, research innovation, and sustainable development**. By empowering nursing faculty with advanced research skills, the initiative contributes to building a more capable and research-oriented academic community, driving positive societal impact.

This collaborative event not only enhanced faculty competencies but also strengthened partnerships among institutions, ensuring a brighter future for nursing education and research.

CHS Faculty Garner Best Presenter Awards at 7th ICHAS 2024

Faculty members from the **College of Health Sciences (CHS) of Mindanao State University – Iligan Institute of Technology (MSU-IIT)** showcased their research excellence and brought



home multiple **Best Presenter Awards** during the **7th International Conference on Health Care and Allied Sciences (ICHAS 2024)**. The event was held on **September 25–26, 2024**, at the **Summit Hotel Subang USJ, Malaysia**.



Awardees and Presentations

The **Best Paper Presenter Awardees** were:

- **Assistant Professor Karlo Gayao**
Presented: *“Demographic Characteristics and Impact of Social Media on the General Point Average of Nursing Students in Southern Philippines”*
Co-authors: Analisah Ali, Hanifa Dimaampao, Apipah Maba, Johanisah Mayo
- **Assistant Professor Leah May P. Madjus**
Presented: *“Transitioning from Online to Face-to-Face Clinical Duties: Exploring the Challenges Faced by Nursing Students Post-Pandemic”*
Co-authors: Assoc. Prof. Gloria Sheila E. Coyoca, Assoc. Prof. Mae-Lanie O. Poblete, Asst. Prof. Jessica B. Orias, Charlize Noelle Batara, Aldrinne Faye Jovellano, Maria Joyce April Tagalog
- **Assistant Professor Roy D. Gumayao**
Presented: *“Profile and Level of Competence in Medication Administration Process of Aspiring Nurses in a State-funded University in Southern Philippines”*
Co-authors: Fatima D. Pandaog, Nor-Aine B. Jonaid, Assoc. Prof. Coyoca, Assoc. Prof. Poblete, Asst. Prof. Lorie Ann S. Balili
- **Dr. Neil Madulara Martin**
Presented: *“Usage of Social Media and Its Extent on Multidimensional Body Self-*



Relations among Undergraduate Students of a State University in Southern Philippines”

Co-authors: Vincent Guiller Andangan, Kenneth Karl Go, Christian R. Patayon, Assoc. Prof. Poblete, Assoc. Prof. Vincent Go Tabil.



Other CHS Presentations

In addition to the awardees, other CHS faculty members presented notable papers during the open sessions:

- **Dr. Gloria Shiela E. Coyoca**

Presented: *“A Comparative Study on the Susceptibility to Medication Errors among Nursing Students at a University in Southern Philippines”*

Co-authors: Karl Michael E. Cabañog, Bless E. Celestial, Princess Hannan I. Tumog, Assoc. Prof. Poblete, Assoc. Prof. Reya T. Seno, Assoc. Prof. Tabil

- **Asst. Prof. Lorie Ann S. Balili**

Presented: *“Posttraumatic Growth: A Descriptive Correlational Study Among Breast Cancer Survivors in Southern Philippines”*

Co-authors: Nick Louie B. Magadan, Rahila D. Usman, Assoc. Prof. Coyoca, Assoc. Prof. Poblete, Assoc. Prof. Roselyn M. Butalid

- **Assoc. Prof. Carmela D. Ortega**

Presented: *“The Occurrence of Self-Diagnosis and Its Impact on Mental Health Among Students in Mindanao State University – Iligan Institute of Technology”*

Co-authors: Assoc. Prof. Poblete, Assoc. Prof. Seno, Dr. Abdullah Junior S. Mangarun, Angela Grace C. Bamba, Dannah S. Bullanday, Nicole Anne D. Suson



- **Assoc. Prof. Fesanmie D. Amarillo**

Presented: *"Time Management Strategies and Academic Stress Among Nursing Students: A Correlational Study"*

- **Assoc. Prof. Vincent Go Tabil**

Presented: *"Day-Night Cycle of the Night Owl at the Lens of an Angel"*

Co-author: Dr. Neil Madulara Martin



About ICHAS 2024

The **7th ICHAS 2024**, an annual international conference, was organized by **Lincoln University College, Malaysia**, in collaboration with **Universitas Muhammadiyah Semarang (UNIMUS)** of Indonesia, **Central University of Kashmir** of India, and **MSU-IIT** of the Philippines.

This year's conference provided a platform for healthcare professionals and academics to share research, foster collaboration, and address pressing issues in health care and allied sciences.

CHS Excellence in Research

The success of the CHS representatives highlights MSU-IIT's commitment to research, innovation, and global engagement. Their outstanding performance underscores their dedication to advancing healthcare education and practice, both locally and internationally.



CHS Delegation Keynotes and Chairs in 7th ICHAS 2024

Faculty members from the **College of Health Sciences (CHS)** at **Mindanao State University - Iligan Institute of Technology (MSU-IIT)** played prominent roles as keynote speakers and session chairpersons during the **7th International Conference on Health Care and Allied Sciences (ICHAS 2024)**, held on **September 25–26, 2024**, at the **Summit Hotel Subang USJ, Malaysia**.

Key Contributions from CHS

Day 1 Highlights

- **Dr. Neil Madulara Martin**, the ICHAS International Affairs Coordinator (Designate), presented a paper titled **"Usage of Social Media and Extent on Multidimensional Body Self-Relations Among Undergraduate Students of a State University in Southern Philippines."** His co-authors included **Vincent Guiller Andangan, Kenneth Karl Go, Christian R. Patayon, Assoc. Prof. Mae Lanie Poblete**, and **Assoc. Prof. Vincent Tabil**.
- **CHS Dean, Dr. Abdullah Junior S. Mangarun**, delivered a keynote speech titled **"Building a Robust Safety Culture: Enhancing Patient and Clinician Outcomes in Healthcare"** during **Session I**.
- **Dr. Gloria Shiela E. Coyoca**, CHS Research Coordinator, chaired **Session II B: Open Paper Session**, contributing her expertise to the discussions.



Day 2 Highlights

- Dr. Mangarun served as chairperson for **Session IV B**, continuing his active participation in the conference.
- Dr. Martin delivered another keynote address titled "**Timeless Knowing and Being as Caring: A Theory Construct**", providing a theoretical framework that sparked insightful discussions. He also chaired **Session III: Open Paper Session**, showcasing his leadership in academic discourse.

About the Event

The **7th ICHAS 2024**, an annual international conference, was organized by **Lincoln University College, Malaysia**, in collaboration with **Universitas Muhammadiyah Semarang (UNIMUS), Indonesia**, **Central University of Kashmir, India**, and **MSU-IIT, Philippines**. The conference brought together a diverse group of international speakers and participants, featuring over **90 paper presentations** across various sessions.

The active participation of CHS faculty, through keynote addresses, chairing responsibilities, and paper presentations, highlights the college's commitment to advancing healthcare education and research on a global scale. Their contributions underscore MSU-IIT's growing reputation as a hub of academic excellence and innovation in the health sciences.



CHS Concludes 13th Nursing Research Conference

The **College of Health Sciences (CHS)** at **Mindanao State University-Iligan Institute of Technology (MSU-IIT)** successfully held its **13th Nursing Research Conference (NRC)** on **June 5, 2024**, at the CHS Hall. Co-hosted by **CHS Batch Invictus Medicus**, the conference carried the theme: **"Filipino Nurses: Setting the Course of Health Equity and Holistic Health through Translational Research."**

This one-day event showcased **twelve student research presentations**, divided equally between **Quantitative** and **Qualitative** research. Additional highlights included a **Digital Poster Presentation** and **Parallel Sessions** covering various topics such as **Nursing Education**, **Health Impact on Society, Culture and Environment**, **Health Service Delivery**, and **Nursing Translational Innovations**.



Key Research Winners

Best in Oral Presentation (Quantitative)

1st Place: Evaluation of Polytetrafluoroethylene's Teratogenicity on Duck Embryo's Central Nervous Development: Basis for Prenatal Health Education

- Researchers: Axll Ross A. Campos, Kyan Marlu B. Luza
- Adviser: Associate Prof. Gloria Shiela E. Coyoca

2nd Place: Assessing Nurses' Level of Sufficiency and Perceived Barriers in Providing Discharge Education: Basis for Reinforcement Program



- Researchers: Madhelle P. Agsabay, Theodore Vincent M. Mejorada, Maria Cristina M. Penserga
- Adviser: Associate Prof. Gloria Shiela E. Coyoca

3rd Place: "HIPAK": A Study on the Level of Knowledge, Attitudes, and Cessation Intentions of E-Cigarette Users at MSU-IIT

- Researchers: Anjel Kaye L. Durias, Donetta Mae R. Torres
- Adviser: Associate Prof. Art Brian S. Escabarte

Best in Oral Presentation (Qualitative)

1st Place: Doing Time While Making Time for the Young: A Phenomenological Study on Mothers Deprived of Liberty in Iligan City Jail - Female Dormitory Towards Motherhood

- Researchers: Kimberly H. Lopez, Nathan Louise T. Penera, DG Franz Ceasarius S. Sumaylo
- Adviser: Assistant Prof. Lynuel R. Santillana

2nd Place: Exploring the Barriers to Healthcare Access Among Visually Impaired Massage Therapists in Iligan City

- Researchers: Jade Voltaire M. Butalid, Ma. Arvie Faith T. Escasiñas, Angelo David S. Nacion
- Adviser: Prof. Roselyn M. Butalid

3rd Place: Lived Experiences of Level IV MSU-IIT Nursing Students During Clinical Exposure in Special Areas Post-Pandemic

- Researchers: Rhod Vincent J. Tayong, Alta Xylene V. Alcular, Sammy Jr. V. Familiar
- Adviser: Associate Prof. Art Brian S. Escabarte

Best Digital Poster Presentation

1st Place: Level of Competency in the Medication Administration Process Among Aspiring Nurses at MSU-IIT

- Researchers: Nor-Aine B. Jonaid, Fatima D. Pandaog
- Adviser: Assistant Prof. Royce D. Gumayao

2nd Place: Consumption of Ultra-Processed Foods and the Nutritional Status of MSU-IIT Students: Basis for Health Promotion Interventions

- Researchers: Kirsten Ela M. Castellano, Earlyn Nicole M. Gabuyo, Philippe Allifor C. Vasquez
- Adviser: Assistant Prof. Reya T. Seno



3rd Place: **Technological Caring in Nursing through TB Heal Mobile Application**

Development

- Researchers: Mary Carmelle B. Mananquil, Vea Kathrina P. Sajonia, Isabella Marie R. Sibe
- Adviser: Associate Prof. Gloria Shiela E. Coyoca



Special Awards

- **Best in Interdisciplinary Collaboration:** *Consumption of Ultra-Processed Foods and the Nutritional Status of MSU-IIT Students*
- **Innovation:** *Technological Caring in Nursing through TB Heal Mobile Application Development*
- **Outstanding Research in Methodology:** *Evaluation of Polytetrafluoroethylene's Teratogenicity on Duck Embryo's Central Nervous Development*
- **Impactful Societal Contribution:** *Technological Caring in Nursing through TB Heal Mobile Application Development*

Inspirational Messages and Acknowledgments

CHS Dean **Assoc. Prof. Abdullah Junior S. Mangarun, DScN, RN**, welcomed attendees, emphasizing the importance of collaboration and knowledge-sharing in advancing nursing research.

Assoc. Prof. Boyle A. Sarcina, representing the Vice Chancellor for Research and Enterprise, lauded Filipino nurses as global healthcare champions who promote health equity through translational research.

Keynote Speaker **Assoc. Prof. Neil M. Martin, PhD, MAN, MBE, RN**, highlighted the importance of values and responsibility in the critical path of nursing research.



Conference Organizers and Participants

The event was judged by experts, including **Assoc. Prof. Lemuel Clark P. Velasco** (College of Computer Studies), **Assoc. Prof. Jude B. Positos**, and **Lecturer Froilan Jan S. Macapil, RN, LPT** (CHS). Panel mentors included healthcare professionals from **Don Gregorio T. Lluch Memorial Hospital**.

Mary Carmelle B. Mananquil, the 13th NRC Overall Chairperson, presented the conference rationale, while **Assoc. Prof. Gloria Shiela E. Coyoca**, CHS Research Coordinator, delivered the closing remarks.

The conference, a testament to the dedication and excellence of MSU-IIT's nursing students and faculty, continues to inspire innovative research addressing critical health issues in society.

CHS' Jopillo Wins Best Poster Presentation at AHLA Conference

Assistant Professor **Nona Krislin G. Jopillo** from the **College of Health Sciences (CHS)** at **Mindanao State University-Iligan Institute of Technology (MSU-IIT)** has been awarded **Best Poster Presentation** at the **10th Asian Health Literacy Association (AHLA) International Health Literacy Conference**. The event was held from **May 12 to 15, 2024**, at the **Pham Ngoc Thach Grand Amphitheatre**, **Pham Ngoc Thach University (PNTU)**, **Ho Chi Minh City, Vietnam**.



Jopillo's winning poster, titled "**Factors Affecting Mental Health-Seeking Behaviors Among College Students at MSU-IIT,**" was selected as one of the four **Best Poster Presentations** out of **146 entries** showcased during the poster presentation sessions.

Other CHS Presentations

Several CHS faculty members also presented their research at the conference:

- **Associate Professor Mae-Lanie Ong Poblete:** *"Exploring Factors Affecting COVID-19 Preventive Behaviors Among University Students in the Post-Pandemic: Basis for Nursing Health Education"*
- **Associate Professor Minnie Besin Mamauag:** *"The 'Elephant in the Room': Case Studies of Perceived Abuse Among Older Adults"*
- **Associate Professor Elvie Alicaway Paler:** *"Exploring Perceptions on Mental Health Counseling Among Parents and Students: A Qualitative Study"*





About the Conference

Hosted by the **Pham Ngoc Thach University of Medicine** in Ho Chi Minh City and co-organized by the **University of Cuu Long** in Vinh Long Province, Vietnam, the AHLA conference was held under the theme: "**Health Literacy in the Revolution of the Digital Age.**" The event featured distinguished keynote speakers, along with numerous paper and poster presentations from delegates across Asia.



AHLA's Mission

Since its establishment in 2013 and registration in Geneva, Switzerland, the **Asian Health Literacy Association (AHLA)** has been dedicated to advancing health literacy research and best practices in Asia. Its mission includes addressing health disparities and enhancing the quality of healthcare through education and innovation.

Professor Jopillo's recognition underscores MSU-IIT CHS's commitment to impactful research and its active role in advancing health literacy and health equity on an international stage.

CHS Conducts Research Forum for Faculty and Students

As part of the **Mindanao State University-Iligan Institute of Technology (MSU-IIT)** Research Week Celebration, themed "**Synergizing Innovation and Interdisciplinarity:**



Pathways to a Sustainable Future,” the **College of Health Sciences (CHS)** held its **CHS Research Forum 2024** on **March 5, 2024** at the CHS Hall, located on the 4th floor of the Engineering and Technology Complex. This event aimed to bring together faculty members, researchers, and students to showcase their research achievements and foster intellectual collaboration.

The morning session began with an inspiring message from **CHS Dean, Assoc. Prof. Abdullah Junior S. Mangarun, DScN, MAN, RN**. He welcomed the participants and emphasized that this gathering was a celebration of the spirit of inquiry and intellectual pursuits that define the academic community. Dean Mangarun highlighted that the celebration of MSU-IIT's first Research Week was a significant milestone, marking a collective commitment to advancing knowledge and expanding the horizons of scholarship.



Research Achievements and Presentations

Dr. **Mae-Lanie O. Poblete** led the formal introduction, providing an overview of research achievements from **Publications (2023-2024)**, **International Conference Paper Presentations**, **Winners of Research Competitions**, **AD Scientific Index 2024**, and **Completed and Ongoing Researches**.

Following this, various faculty members and researchers presented their completed studies:

- **Dr. Roselyn M. Butalid** shared her research on **“Needs assessment of PWDs in Iligan City: Basis for designing a sustainable community outreach program.”**
- **Assoc. Prof. Geraldine S. Ridad** and **Assoc. Prof. Minnie B. Mamauag** presented **“Perceived Health Impact of Holcim Resource Development Company (HRDC) on Highly Impacted Communities (Phase 3, Nov 2021 – Apr 2022).”**



- **Dr. Neil M. Martin** showcased his work on the **Water Sanitation Project (WASAP)** in **Barangay Luinab, Iligan City**.

Afternoon Session: Realigning Research Agendas

In the afternoon, **Dr. Mae-Lanie O. Poblete** facilitated the realignment of the CHS research agenda to align with the **Regional, National, and Sustainable Development Goals (SDGs)** research initiatives. **Assoc. Prof. Art Brian S. Escabarte** provided the closing remarks, marking a successful conclusion to the day's activities.



Active Participation and Engagement

The forum witnessed a strong turnout with active participation from CHS faculty members and nursing students across all levels. The event provided valuable opportunities for knowledge exchange and collaboration, contributing significantly to MSU-IIT's goal of becoming a research-intensive university.

The subsequent **Research Week activities** from March 6-7 further engaged CHS faculty and students in various initiatives, such as **FabLab Designing and Prototyping at MSU-IIT FABLAB MINDANAO**, **Research Proposal Writing for Externally Funded Projects** at the CED Amphitheater, and **iDEYA Start-up Basics 101** for students on March 4, 2024.



Recognition and Awards

During the **Closing Program** on March 8, 2024, **Dr. Ephrime B. Metillo**, Vice-Chancellor for Research and Enterprise (OVCRE), and **Dr. Gaudencio C. Petalcorin**, Vice-Chancellor for Academic Affairs, presented awards to outstanding researchers.

CHS Awardees:

- **Dr. Roselyn M. Butalid**
- **Dr. Gloria Shiela E. Coyoca**
- **Dr. Minnie B. Mamauag**
- **Dr. Mae-Lanie Ong Poblete**
- **Dr. Neil M. Martin**
- **Assistant Professors**
 - Johanna Jiel Padogdog-Cortes
 - Elvie A. Paler
 - Queenie Jane J. Ramel
 - Reya T. Seno

Additionally, **CHS** received a **Certificate of Recognition** for **Booth No. 15**, which won **1st Place** for the **Best College Booth Exhibit**.

A Week of Achievements and Innovation

The week-long event, which began on **March 4, 2024**, with the official ribbon-cutting ceremony led by **Chancellor Alizedney M. Ditucalan**, culminated with the presence of keynote speaker,



Dr. Leslie Michelle M. Dalmacio, President of the National Research Council of the Philippines and Vice-Chancellor for Research at UP Manila.

In his closing speech, **Chancellor Ditucalan** highlighted the university's strategic plans, stressing MSU-IIT's commitment to becoming a research-focused institution. He emphasized that the celebration of Research Week demonstrated the university's capacity to foster innovation and interdisciplinary collaboration, contributing to a sustainable future.

With a diverse range of research presentations showcasing the innovation and perspectives of various colleges and centers, this year's event reinforced MSU-IIT's vision of influencing the future through research and scholarship.



Awards and Recognitions

- ✓ Gawad Dekano: Natatanging Guro sa Larangan ng Pagtuturo- **Assistant Professor Nona Krislin G. Jopollo**
- ✓ Gawad Dekano: Natatanging Guro sa Larangan ng Paglilingkod sa Komunidad- **Dr. Gloria Shiela Coyoca**
- ✓ Gawad Dekano: Natatanging Kawani Pang-Administratibo ng Kolehiyo – **Ms. Irene Barcelona**
- ✓ Gawad Dekano: Natatanging Guro sa Larangan ng Pananaliksik – **Dr. Neil M. Martin**
- ✓ Gawad Dekano para sa Natatanging Guro ng Taon – **Associate Professor Reya Seno**
- ✓ **Assistant Professor Karlo Gayao - Best Paper Presenter.** “Demographic Characteristics and Impact of Social Media on the General Point Average of Nursing Students in Southern Philippines”, 7th International Conference on Health Care and Allied Sciences (ICHAS 2024) held at the Summit Hotel Subang USJ, Malaysia on 25th and 26th September 2024.-
- ✓ **Assistant Professor Leah May P. Madjus - Best Paper Presenter.** “Transitioning from Online to Face-to-Face Clinical Duties: Exploring the Challenges Faced by Nursing Students Post Pandemic”., 7th International Conference on Health Care and Allied Sciences (ICHAS 2024) held at the Summit Hotel Subang USJ, Malaysia on 25th and 26th September 2024.
- ✓ **Assistant Professor Roy D. Gumayao - Best Paper Presenter.** “Profile and Level of Competence in Medication Administration Process of Aspiring Nurses in a State-funded University in Southern Philippines”., 7th International Conference on Health Care and Allied Sciences (ICHAS 2024) held at the Summit Hotel Subang USJ, Malaysia on 25th and 26th September 2024.
- ✓ **Dr. Neil Madulara Martin - Best Paper Presenter.** “Usage of social media and Extent on Multidimensional Body Self-Relations among Undergraduate Students of a state University in Southern Philippines”)., 7th International Conference on Health Care and Allied Sciences (ICHAS 2024) held at the Summit Hotel Subang USJ, Malaysia on 25th and 26th September 2024.
- ✓ **Assistant Professor Nona Krislin G. Jopillo - Best Poster Presentation.** “Factors Affecting Mental Health-Seeking Behaviors among College Students at Mindanao State University-Iligan Institute of Technology”, 10th Asian Health Literacy Association (AHLA) International Health Literacy Conference held at the Pham Ngoc Thach Grand Amphitheatre, Area A1, Pham Ngoc Thach University (PNTU) in Ho Chi Minh City, Vietnam on May 12 to 15, 2024



- ✓ **Best College Booth Exhibit.** 1st Research Week Activities of MSU-IIT
- ✓ **Associate Professor Rambe C. Ramel Jr. - 3rd place in the poster contest.**
“Assessing Nurses’ Level of Sufficiency and Perceived Barriers in Providing Discharge Education: Basis for Reinforcement Program”, 7th Regional Health Research Conference held from October 22-24, 2024, at Xavier University in Cagayan de Oro City.