

St. Paul University Philippines

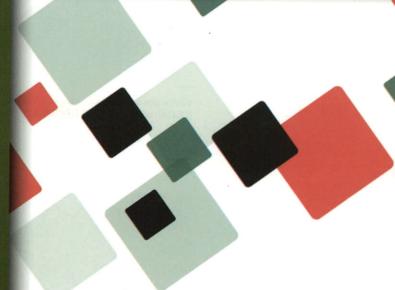
in Collaboration with





4th SPUP International Interdisciplinary Research Conference 2019

"Creating
Educational
Pathways
in the Fourth
Industrial
Revolution"



in partnership with









MAKING A DIFFERENCE GLOBALLY

December 12-14, 2019
Global Center
St. Paul University Philippines
Tuguegarao City

FOREWORD

On its 4th International Interdisciplinary Research Conference, St Paul University Philippines (SPUP), in partnership with the Commission on Higher Education (CHED), and in collaboration with the World Council for Curriculum and Instruction (WCCI) presents various studies, theories and practices, and perspectives that need to be explored, developed and implemented to ensure a holistic, global, lifelong and sustainable kind of education and preparation for quality life. International and local experts and specialists are tapped to discuss and give workshops on global citizenship education, internationalization and transnational education, adult learning and lifelong education, Sustainable Development Goals 2030 (UN SDGs), health education and healthcare management, new pedagogical designs and approaches to promote global education towards national and world peace and prosperity.

To keep abreast with the unprecedented changes and innovations in the educational landscape and the socio-economic systems, the International Research Conference bears the theme: "Creating Educational Pathways in the 4th Industrial Revolution." This implies the mandate for active involvement and initiative to do, create, innovate, initiate, improve, anticipate, and embark on transformative and effective educational pathways to meet the challenging tasks and responsibilities upon educators in the era of the 4th industrial revolution.

OBJECTIVES

The conference aims to:

- a. provide an educational platform for interdisciplinary discussion on the challenges and impact of the 4th industrial revolution;
- engage in professional networking and share research, innovative models, creative pedagogical designs, new paradigms and educational pathways for the 4th industrial revolution;
- undertake workshops and discussions on global citizenship education, global health education and healthcare management, internationalization in education, peace education, adult learning, and the Sustainable Development Goals 2030 for transforming the world; and,
- d. come up with collaborative research projects and training programs on new educational pathways, strategies and approaches in the 4th industrial revolution.

PROGRAM OF ACTIVITIES

Day 0: December 11, 2019 - Wednesday

2:00-5:30 PM REGISTRATION

Day 1: December 12, 2019 - Thursday

8:00AM-1:30 PM 8:30-11:00AM REGISTRATION

PRE-CONFERENCE

"Research Presentation Literacy"

Dr. Maria Bryce Fabro COO, Ascendens Asia

Venue: 3rd Floor, Global Center

CONFERENCE PROPER (Venue: 2nd Floor, Global Center)

1:30-2:00 PM

OPENING CEREMONIES

Entrance of Colors

Philippine National Anthem

Ecumenical Praise

Acknowledgment of Participants

Opening Salvo

2:00-2:10 PM

WELCOME REMARKS

Sr. Merceditas Ang, SPC

University President

210-3:00 PM

KEYNOTE ADDRESS

"Educational Pathways in the 4th Industrial Revolution"

Atty. Lily Freida M. Milla, CESO IV

Deputy Executive Director Director III, Ivnternational Affairs Commission on Higher Education

3:00-4:30 PM

PLENARY SESSION 1

"Nurturing Global Citizenship: Transcending Industrial Revolutions toward a Spiritual Revolution for Humanity & Mother Earth"

Dr. Swee-Hin Toh

President, World Council for Curriculum & Instruction (WCCI)

Laureate, UNESCO Prize for Peace Education (2000)

4:30-5:00 PM

AWARDING OF CERTIFICATES OF APPRECIATION &

TOKENS, PICTURE TAKING OF GUESTS W/ PARTICIPANTS;

COFFEE BREAK

5:00-6:30 PM

CONCURRENT SESSION 1 / RESEARCH PRESENTATIONS

6:30-8:00 PM

WELCOME RECEPTION & NETWORKING

Venue: SPUP Student Center

DAY 2: December 13, 2019 - Friday

7:00-8:00 AM

REGISTRATION

8:00-8:10 AM

OPENING PRAYER

8:10-10:00 AM

PLENARY SESSION 2

"Breakthroughs in Health Education and Healthcare in the

4th Industrial Revolution"

Dr. Samuel Bernal

Former Associate Professor in Medicine, Harvard University, USA

Professor, University of California in Los Angeles, USA

10:00-10:30 AM

HEALTH BREAK

10:30 AM-12:00 PM

CONCURRENT SESSION 2 / RESEARCH PRESENTATIONS

12:00-1:30 PM

LUNCH

1:30-3:30 PM

CONCURRENT SESSION 3 / RESEARCH PRESENTATIONS

3:30-4:00 PM

HEALTH BREAK

4:00-5:30 PM

PLENARY SESSION 3

"Sustainable Development Goals 2030:

Becoming a Sustainable Global Community"

Dr. Federico Macaranas

Professor, Asian Institute of Management

5:30-6:30 PM

MOA SIGNING WITH INTERNATIONAL PARTNERS

DAY 3: December 14, 2019 - Saturday

7:00 - 8:00 AM

REGISTRATION

8:00 - 8:15 AM

OPENING PRAYER

8:15AM-9:30AM

PLENARY SESSION 4

"Internationalization and Transnational Education: Innovative and Collaborative Strategies and Models"

Dr. Yazrina Yahya

Director, Corporate Communication Centre

National University of Malaysia

9:30-10:00 AM

HEALTH BREAK

10:00-12:00 AM

CONCURRENT SESSION 4 / RESEARCH PRESENTATIONS

12:00 - 1:30 PM

LUNCH BREAK

1:30-3:00PM

PLENARY SESSION 5

"Peace Education and Intercultural Understanding

in a Globalized Society"

Dr. Matin Royeen

Consultant, Rush University Medical Center, Chicago Cross-Cultural Consultant & Director of United Alliance

Global Solutions

3:00-3:15 PM

REFRESHMENTS

3:15-5:00 PM

PANEL DISCUSSION

"New Technologies in the Delivery of Adult and Lifelong Learning"

James Moore, MSc TESOL

Educational Consultant, Brunei, Egypt, Taiwan, Oman National Examination Writer and Head Oral Examiner.

Center for British Teachers – Brunei

Dr. Rene Bersoto

Consultant, Asian Consulting and Training Group

Asian Institute of Management (AIM)

Mr. Mc Allen Reonel Sebastian Cacacho

Founder, HackTheNorth.ph | Cyber Security Engineer

Awardee, Ten Outstanding Students of the Philippines 2008

5:00-5:30 PM

CLOSING CEREMONY

Closing Remarks

Dr. Agripina B. Maribbay

(Ways Forward)

Vice President for Academics, SPUP

Closing Prayer

Group Picture-Taking

Distribution of Certificates

DAY 4: December 15, 2019 - Sunday

LOCAL TOUR (OPTIONAL)

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Presentation
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Concurrent

Teleconference Room	Integrating Technology in Mixed Methods Research as a Novel Approach in Nursing Research Tetsuya Tamioka, RN, PhD, FAAN; Fenibetriana, RN, MSN, Rozzano C. Locsin, RN, PhD, FAAN; Yuko Yasuhara, RN, PhD, Hirokazu Ito, RN, PhD, Kyoko Osaka, RN, PhD	Shedding Light on Climate Change as Significant Risk Factor towards Development of Coronary Artery Disease among Elderly Clients: Basis for Enhancing Primordial Prevention Karen Mae S. Alcantara, MSN	Knowledge and Beliefs on HIV- AIDS among Students of Medical Colleges of Northern Philippines and International School of Asia and the Pacific Louise V. Cabling, RN, MAN, LPT
Business Incubation	Meaningful Approaches to Learning World Religions and Belief Systems towards Building Bridges of Understanding Genevieve Balance Kapang, Ph.D	Active Participation in Peace and Politics as a Christian Demand: Experience of Priests as Politicians Gladiolus Gatdula, PhD	Mainstreaming Arts in Global Citizenship Education Allan Peejay M. Lappay, PhD
Review Room 2	Challenges and Opportunities in Higher Education 4.0: A Literature Review Pilar B. Acorda, DME	Construction of "Integration of Inside and Outside System" in College Physical Education Curriculum Luo Yueping	Impact of Reflective Journal Writing as Learning Tool for Personal and Professional Development Carmela V. Perez, Jamil Al-Walid B. Accad; Lucila B. Beckham; Wimy D. Dalit; Jerome J. Eser; Darryl C. Locañas; Anna Clarissa C. Panes
Review Room 1	Implementation of the Classhome: Its Perceived Effects and Challenges Estela L. Cariño, Ed.D., Ceso IV	Effectiveness of the Planning Process of DepEd Region 2 Francis Deo T. Ventura, PhD	Implementation of DepEd Order No. 40, S. 2012: The Case of Sta. Teresa Elementary School Zenaida O. Quilenderino, PhD
Plenary Hall 3	Tentative Approach to Liu Miqing's Thoughts on Translation Zeng Lizi	Rhetoric of Secondary School Paper Editorials Gynelle D. Follante, PhD	"Why I Don't Speak Like Mom and Dad": Language Identity, Maintenance and Shift of IP Students Josie Jordan Gineta- Rosete
Plenary Hall 2	Development and Validation of Quality Caring in Nursing Tool for Indonesians Chatarina Hatri Istiarini, PhDNS; Josephine D. Lorica, DPA, RN	Development and Validation of a Caring Empathy Assessment Tool for Indonesian Nurses Wiwin Martiningsih, PhDNS	Musculoskeletal Management using Transcutaneous Electrical Nerve Stimulation Machine and Local Pain Relievers Harlean S. Lim
Plenary Hall 1	International Collaborative Development Programs of Tarlac Agricultural University Dr. Christine N. Ferrer	Countermeasures of International Exchange and Cooperation in Hunan Provincial Higher Vocational Colleges	Nurses' Level of Awareness on ASEAN Integration, Its Prospects through AEC Policies and Opportunities through ASEAN MRAon Nursing Services Amiel Francisco Reyes, RN, MSN, LPT

Lived Experience of Select Healthcare Providers on Measles Vaccine Hesitancy Among Community Dwelling Residents Norilyn Limchanco, RN, MAN, Aira Jireh F. Abuda, RN; Maria Karmela S. Digma, RN; Shan Pauline Dg, Manarang, RN; Ellah Trixie E. Sarroca, RN	Awareness Level of Barangay Baliuag, Peñablanca, Cagayan on Department of Health Programs Rell Genesis C. Mandac; John Michael I. Unipa	Effectiveness of Community – Based Intervention Program for Type2 Diabetes Mellitus Elderly Anabel T. Banzon
Moral Competency Level of School Leaders in Selected Catholic Schools in Cavite, Philippines Mariano Thomas S. Ramirez, EdD	"Be Aware": An Android-Based Virtual Reality Game on Disaster Preparedness and Response Training Francis Xavier Castilla; Mark Drexler Magno; Razele Anne Villanueva; Elcid A. Serrano	
Students Awareness on Educational Tour Policies (CMO#17 S.2012) Vicente D. Carillo Jr.	Effects of Brain Hacking on Student Learning Marites V. Fontanilla	
Development of OBE- Based Teaching Guides for Teacher Education Courses Agripina B. Maribbay, PhD	Prospects and Challenges of Ubiquitous Learning in Graduate Education Inicia C. Bansig, PhD	SPUP Libraries in the 4th Industrial Revolution: A New Landscape Rosalinda T. Tanguilan, PhD
Effectiveness of Phone-Kit in Enhancing the Phonemic Awareness of Grade I Pupils in Mother Tongue Iloko Ahllyn C. Danguilan, Ph.D.	MTB-Ibanag: A Retrospect of Its Implementation in SDO City of Ilagan Virginia A. Bergonia	Students' Knowledge on Plagiarism: Basis for SPUP Honor Code Framework
Transition Readiness Tool for Curriculum Change for Nurse Educators Maria Socorro C. Domingo	Caring of Clients with Chronic Illnesses: Nurses' Attitude At Selected Hospitals in Cabanatuan City, Philippines Kristhine Abegail M. Gamiao	Periodic Athletic Training on Swimmers' Physiological Changes - Sample on Fu Jen Catholic University Swimming Team Huang Yi Ching; Hsu Fu Shu
Competitiveness and Comparability Study of Philippine Nursing Institutions and Neighboring Countries: An Organizational Performance Belinda M. Capistrano, MAN, RN, Wilhelmina Z. Atos, PhD, RN	Ethnography of Intercultural Education: A Textual Analysis of Cross- Sectional Textbooks of a Catholic University Ronel P. Dela Cruz, PhD	Skill Application and Analysis of Male's Matches in Semifinal of World Karate Competitions Hsu Peng-cheng; Chen Yu-jen

GLOBAL HEALTH EDUCATION AND HEALTHCARE MANAGEMENT

DEVELOPMENT AND VALIDATION OF QUALITY CARING IN NURSING TOOL FOR INDONESIANS

^[1]Chatarina Hatri Istiarini, PhDNS; ^[2]Josephine D. Lorica, DPA, RN STIKES Bethesda Yakkum Yogyakarta, Indonesia^[1]
St. Paul University Philippines^[2]
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Quality caring in mursing in the Puskesmas is the quality performed by nurses where the measure of caring action is based on Transpersonal Caring Relationship (Watson, 1979). The study aimed to develop and validate a Quality Caring in Nursing (QCiN) tool for Indonesians. The research utilized sequential exploratory design. In the qualitative stage, 20 participants and five experts were involved in the content validity index (CVI) and for face validity, 50 participants. For the reliability stage, there were 300 participants. The data were analyzed using thematic analysis, CVI, Face validity score, exploratory factor analysis (EFA), Intra class correlation and the Cronbach's alpha for reliability. The researchers found six themes which are: 1) Effectiveness Caring in Nursing actions relates to actions that are fast, precise and according to standard; 2) Efficiency Caring in nursing actions is an act that is not long-winded, so that the action is completed on time; 3) Caring in Nursing action does not discriminate one patient from another patient; 4) Caring in Nursing is centered on patients with the aim of healing patients so that patients are able to be independent; 5) Caring in Nursing actions must be safe for each patient; and, 6) Timeliness is the basic of every caring in nursing actions. From the themes, the researchers designed a questionnaire consisting of 48 items. The validity test showed that the developed tool is valid. Likewise, the QCiN tool for Indonesians showed very good Intra class Correlation Coefficients of 0.836 and a Cronbach's alpha of 0.981. EFA showed the five factors. Moreover, the tool has to be utilized to improve it further.

Keywords: Community Health Center/ Puskesmas, Development tool, Quality Caring, Nursing

DEVELOPMENT AND VALIDATION OF A CARING EMPATHY ASSESSMENT TOOL FOR INDONESIAN NURSES

Wiwin Martiningsih

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This study explored the experiences of caring empathy, developed and validated the caring empathy tool for Indonesian nurses. The researcher utilized the exploratory-sequential mixed method design and was conducted atthe hospitals in East Java, Indonesia. Participants of the study in phase 1 were 10 nurses and 10 patients, and 276 nurses in phase 2.Results of the study in phase 1 showed emergence of 2 major themes, namely: 1) caring empathy as a core behavior of the nurse-patient relationship;and,2) caring empathy as an important quality of caring. Furthermore, the results in phase 2, through the use of a 54-item Caring Empathy Assessment Tool (CEAT) which was developed to assess caring empathy behaviors of Indonesian nurses, yielded the following:1-CVI scores ranged from 0.86 to 1.00, S-CVI score was 0.984I, concurrent validity between CEAT and CDI was r=601, (p=0.000) and CEAT with TEQ was r=0.230, (p=0.000); inter-rater agreement was 81%, whereas the degree of agreement among raters using Cohen's Kappa was 0.538. The intra-rater agreement was 85%, and 0.667 for Cohen's Kappa.Based on factorial analysis, there remained 38 items or 62.31% of the total variance. Results of this study revealed that CEAT is valid, reliable and acceptable.

Keywords: Caring empathy, development, tool, validation

UGALIING MAGHUGAS NG KAMAY NG MAY 20 SEGUNDO

ANG MALINIS NA KAMAY

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MALUSOG NA PANGANGATAWAN

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