

PNU Faculty publish in TNL

Despite the tiring workload the faculty are shouldering today, nothing could be more inspiring than those who vehemently ventures to concretize knowledge and ideas through publication. Part of this quarter's features are adept faculty members of the Philippine Normal University who successfully published scholarly articles in The Normal Lights 13(1) 2019 issue. Dr. Celina P. Sarmiento authored the article, "Preventing Homework Copying through Online Homework in a Math Class", which examined the use of an open source software to teach math and prevent students from engaging into homework copying,

Dr. Erminda C. Fortes of Philippine Normal University-Manila authored the article, "Mathematical Creativity in Solving Non-Routine Problems", which explored the student's creativity in terms of fluency, flexibility and originality, and Prof. Reynald M. Cacho of Philippine Normal University-South Luzon authored the article, "Facebook short response: The 10/90 model and comment-and-reply strategy", which examined the use of Facebook wall discussion as integrated in the flexible learning activity (FLA) in an undergraduate teacher education program literature course.

About authors

Dr. Celina P. Sarmiento

Dr. Sarmiento is an Assistant Professor at the Philippine Normal University (PNU) specializing in Mathematics Education. She completed her Doctor of Philosophy in Science Education major in Mathematics with an outstanding award at De La Salle University under the provision of the Department of Science and Technology-Science Education Institute (DOST-SEI) as scholar and her Master's and Bachelor Degree (Cum Laude) at PNU. Her research interests include science and math education and the integration of technology in the teaching and learning processes.



Article Title: Preventing Homework Copying through Online Homework in a Math Class

Prof. Reynald M. Cacho

Prof. Cacho is an Assistant Professor IV and Head for Knowledge and Management Office in Philippine Normal University-South Luzon (in Lopez, Quezon). He completed



Article Title: Facebook short response: The 10/90 model and comment-and-reply strategy

his Master of Arts in Education with specialization in Language and Literacy Education at the University of the Philippines and a Bachelor of Secondary Education degree, Major in English, at the Philippine Normal University-South Luzon. Aside from obtaining doctoral units in the Doctor of Communication Program at the University of the Philippines Open University, he currently works on his Dissertation for the PhD in Knowledge and Innovation Management at the Institute for Knowledge and Innovation South East Asia Bangkok University, Thailand under the Philippine Normal University Faculty Scholarship Program. He has been a research paper presenter, author, module writer, training organizer, facilitator, and project coordinator of international and local ICT-based projects in the basic and tertiary education levels whose innovative ideas, projects, researches, specifically, short film project on UNESCO Better Learning, Better Life, he dubbed as 'Learning Out of the Board and Beyond' are recognized at the local and international levels. His current areas or fields of interest for research and explorations are not limited to organizational communication, knowledge management, mobile learning, social media in education, cross-cultural cyber classroom collaborative projects, and educational networking, training and extension activities. As of 2019, he successfully published two articles, "Exploring the Potentials and Essentials of Mobile-

Aided Pedagogy in Teacher Education" (Vol. 11 No. 1) and "Facebook short response: The 10/90 model and comment-and-reply strategy" (Vol. 13 No. 1) in The Normal Lights journal.

Dr. Erminda C. Fortes

Dr. Fortes is a Professor of Mathematics at the Philippine Normal University-Manila. She was the former ISO Coordinator of the University. She also published four other articles from the previous issues as Co-Author, "Development of Micro-Scale Mathematics Kits" in The Normal Lights 2014 8(1), The Use of Non-Math Analogies in Teaching Mathematics in The Normal Lights 2017 11(1) and Sole Author, "Teaching Abstract Algebra Online" in The Normal Lights 2016 10(1).



Article Title: Mathematical Creativity in Solving Non-Routine Problems

EDITORIAL TEAM

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LAMESA (Life-Saving Automated Mesa to Endure Seismic Activity), the collaboratively developed quake-resilient desks, hits the news on UNTV, Yahoo Philippines and Philstar following the posting of Department of Science and Technology (DOST) on April 25, 2019 (<http://www.dost.gov.ph/knowledge-resources/news/62-2019-news/1628-local-experts-develop-quake-proof-desks-for-preschoolers-2019-04-25.html>).

The project was proposed by the research experts, Dr. Marie Paz E. Morales, (Director of Publication Office), Dr. Edna Luz R. Abulon (Director of Educational Policy Research and Development Center), and Dr.

Ma. Carmela T. Mancao (Director of Human Resource Management and Development Services Office) of the Philippine Normal University along with Engr. Ira C. Valenzuela and Engr. Nilo M. Arago of Technological University of

the Philippines funded by the Philippine Normal University Project-based Research Grant-Batch 6.

The full article of the study "Coupling School Risk Reduction Strategies with

cont. page 2

Dr. Morales on knowledge sharing as Panel and Resource Speaker

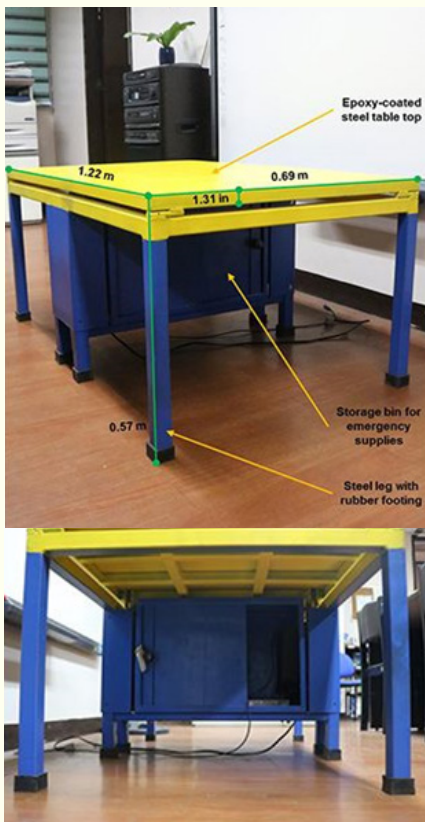
Having an excellent mastery on research and publication, Dr. Marie Paz E. Morales, Director of Publication Office,

continuously commits on sharing her expertise to other Higher Education institutions. This second quarter, Dr. Morales served as Resource/Plenary Speaker and Panel Member to five separate events:

- **Resource Speaker** in Writing Publishable Research Articles at Southern Luzon State University on April 13, 2019.

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LAMESA ... from page 1

LAMESA (Life-Saving Automated "Mesa" to Endure Seismic Activity) for Kindergarten" has been published in the Philippine Journal of Science Volume 148 No. 1 at philjournalsci.dost.gov.ph.

Readers may also visit the links below for more information.

- <https://www.untvweb.com/news/filipino-experts-develop-quake-proof-desks-for-kindergarten-students/>
- <https://ph.news.yahoo.com/filipino-experts-develop-quake-proof-101509548.html>
- <https://www.philstar.com/headlines/2019/04/26/1912789/filipino-experts-develop-quake-resistant-desk-pre-schoolers>
- <https://momsandbabies.com.ph/2019/04/look-earthquake-proof-desks-for-preschoolers-developed-by-researchers/>

- <http://www.gtgoodtimes.com/2019/05/02/filipino-experts-develop-lamesa-quake-proof-desks-for-kindergarten-students-also-serves-as-warning-system/>
- <http://manilastandard.net/news/top-stories/293481/central-luzon-suffers-brunt-of-quake-damage.html>
- <http://tempo.com.ph/2019/04/28/researchers-develop-resilient-study-desk/>
- <https://news.mb.com.ph/2019/04/28/impact-proof-desk-developed-for-pre-school-students/>
- <https://jip.ph/filipino-experts-develop-quake-resistant-desk-for-pre-schoolers/>
- <https://www.preventionweb.net/publications/view/65441>
- <https://www.pressreader.com/>

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Dr. Morales ... from page 1

- **Plenary Speaker** in 11th Student Research Congress of Manuel S. Enverga University Foundation (MSEUF) on May 17, 2019.
- **Panel & Presenter** in APAMS 2019 with the theme, "Transforming the Science Landscape: Building Human and Social Capital for Capital for S & T Ecosystem" on May 23-24, 2019.

- **Panel Member** in In-House Capability Training on Research and Publication at Isabela State University on May 28-30, 2019.
- **Panel Member** in Mid-Year In-House Review at Tarlac State University on June 14, 2019.

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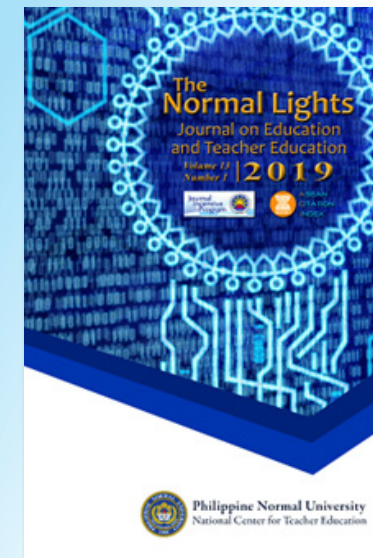


THE NORMAL LIGHTS 13(1)

Influenced by the Fourth Industrial Revolution era or FIRE, the Philippine Normal University-Publications Office (PNU-PO) proudly presents its first issue of this year, The Normal Lights 13(1). The issue contains 11 articles, three of which are authored by our faculty, Prof. Reynald M. Cacho (PNU-South Luzon) for the article, "Facebook short response: The 10/90 model and comment-and-reply strategy", Dr. Erminda C. Fortes (PNU-Manila) with co-author, Rose R. Andrade of Laguna State Polytechnic University, for the article, "Mathematical Creativity in Solving Non-Routine Problems", Dr. Celina P. Sarmiento (PNU-Manila) with co-author, Dr. Maricar S. Prudente of De La Salle University, for the article, "Preventing Homework Copying through Online Homework in a Math Class."

The full contents is available at <http://po.pnuresearch-portal.org/.../normallights/issue/view/34>.

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ONLINE METRICS

Facebook: 7,808
PO Website: 23,273
TNL: 201,014
APHERJ: 93,910
AsTEN: 75,107
Online Commons: 7,931
Google Scholar: 62
h-index: 3

PO adds category for TORCH PUBLICATIONS

A month after the MOA signing between the Publication Office (PO) and Torch Publications (TP), the former added another category labelled as "Torch Publications" in the Online Commons portal. This category contains issues authored by the members of TP. Currently, there are two issues loaded in the portal, which are Continuing Maneuver (Tomo 72 Blg. 1) and Ang Tunay Na Destabilisasyon (Tomo 72 Blg. 2).

The two continuously collaborate to disseminate all the materials and publications produced by the students and faculty for wide readership.

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