

## UPSS Faculty and Students present papers in 13<sup>th</sup> National Convention on Statistics



UP School of Statistics faculty members and students presented papers and organized sessions during the 13<sup>th</sup> National Convention on Statistics last October 3-4, 2016 at the EDSA Shangri-la Hotel in Mandaluyong City.

Celebrating the 26<sup>th</sup> National Statistics Month, the NCS theme this year is “**Sustainable Development: Making Statistics Count**”.

In the Computational Statistics sessions organized by Erniel Barrios, the following papers were presented: *Weather and Prevalence Diseases in the Philippines: Evidence of Climate Change and Does Government Matter to Health of its People? A Cross-Country Linkage between Health Indicators, Health Expenditure and the Macro Economy* by Angela Nalica, Paulo Victor Redondo, Stephen Jun Villejo and Erniel Barrios, *Mining Insights on the Quality of Life Across Countries: Learning from Official Statistics* by Joseph Ryan Lansangan and Erniel Barrios, *An Exponentially Weighted Moving Average Control Chart for Zero-Truncated Poisson Processes: A Design and Analytic Framework with Fast Initial Response Feature* by Robert Neil Leong, Frumencio Co and Daniel Stanley Tan, *Multilevel Principal Component Regression Model for High Dimensional Data: A Simulation Study* by Ella Joyce Paragas and Erniel Barrios.

The papers titled *Results of an Impact Evaluation Study of DepEd’s School-Based Feeding Program* by Jose Ramon Albert, Ana Maria Tabunda and Imelda Angeles-Agdeppa and *Cost and Benefit Study on the Dual Training System in the Philippines* by Claire Dennis Mapa, Josefina Almeda and Manuel Leonard Albis were discussed in the Education Statistics session.

Moreover, Peter Julian Cayton presented his paper *Forecasting Extreme Storm Conditions using Multivariate Extreme Value Theory* in the Econometric session organized by Jselito Magadia and Dennis Mapa.

In the Leading Economics Indicator session chaired by Genelyn Ma. Sarte, the studies titled *Enhancement of the Composite Leading Economic Indicator System of the Philippines* and *Composite Leading Economic Indicator using Autoregressive Distributed Lag (ARDL) Model* by Claire Dennis Mapa, Divina Gracia Del Prado, Ibarra Aaron Poliquit and Al-Ahmadgaid Asaad, and *Constructing Leading Economic Indicators for the Philippine Economy* by Claire Dennis Mapa, Manuel Leonard Albis and Jselito Magadia were discussed.

The Financial Education and Financial Inclusion session featured the papers authored by Mynard Bryan Mojica and Claire Dennis Mapa titled *An Index of Financial Inclusion in the*

*Philippines: Construction and Analysis* and by Claire Dennis Mapa, Majah-Leah Ravago, Angelie Grace Aycardo, Justine Maria Regina Galandines and Pamela Macasaet titled *Awards and Financial Literacy: Effects of the Metrobank Foundation Award for Outstanding Teachers on Financial Literacy*.

The study *Factors Affecting Employment Outcomes of Filipino Jobseekers: A Duration Analysis of Unemployment in the Philippines* authored by Claire Dennis Mapa, and Jeremy De Jesus was presented in the session on Labor, Employment and Productivity Statistics.

In this conference, the UP Statistical Society received the Best Youth Advocate of Statistics for two consecutive years.