NORBERTO ESPEJO MILLA

Contact Information

Department of Mathematics, Physics, and Statistics
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Education

2011	PhD in Statistics University of the Philippines-Los Banos Laguna, Philippines

Dissertation: *Statistical Properties of the Mean Square Prediction Error of the Provincial EBLUP Estimates of Poverty Incidence in the Philippines*

2001	MS in Statistics University of the Philippines-Diliman Quezon City, Philippines

1997	BS in Statistics, *cum laude* Visayas State College of Agriculture (now Visayas State University)

Special Problem: *A Study on the Spearman Karber Method in Estimating Median Effective Dose*

Professional Experience

2006-present	Assistant Professor Department of Mathematics, Physics, and Statistics Visayas State University
1997 – 2006	Instructor Department of Mathematics Southern Leyte State University (Tomas Oppus Campus)
2004 – 2005	Dean, Research and Extension Southern Leyte State University (Tomas Oppus Campus)
1997 – 2006	University Statistician Southern Leyte State University (Tomas Oppus Campus)
2001 – 2006	Faculty of the Graduate School & Statistician of Graduate Theses Committee Southern Leyte State University (Tomas Oppus Campus)

Graduate Scholarships

2008 – 2011	Accelerated Science and Technology Human Resources Development Program, Department of Science and Technology
1998 – 2001	Faculty Development Program Scholar for the degree MS in Statistics sponsored by the Commission on Higher Education and the Fund Assistance to Private Education

Teaching Experience

Undergraduate

1997 – 2006	*Elementary Statistics* (STAT 101, 45 students)
	Probability and Statistics (MATH 10 for teacher education students, 30 students)
	Differential and Integral Calculus (MATH 305/306, 15 students)
	Elementary Number Theory (MATH 106, 25 students)
2006 – present	*Mathematical Logic* (MATH 25, 24 students)
	College Algebra (MATH 11, 3 classes of 40 students/class)
	Mathematical Analysis II (MATH 126, 21 students)
	Elementary Statistics (STAT 21, 3 classes of 60 students/class)
	Introduction to Descriptive Statistics (STAT 135, 9 students)
	Nonparametric Statistics (STAT 133, 11 students)
	Statistical Methods (STAT 130, 14 students)
	Experimental Designs (STAT 136, 34 students)
	Regression Analysis and Correlation (STAT 134, 8 students)
	Introduction to Probability (MATH 145, 5 students)

Graduate

2001 – 2006	*Social Science Statistics* (for MA Education & Masters in Public Administration)
	Probability (for MA Education major in mathematics)
	Statistics for Teachers (for MA Education major in mathematics)
	Foundation and Structures of Mathematics (for MA Education major in mathematics)

Professional Activities

June 2014	Resource Person, *Refresher Course on Biometrics*, AV Room, OVPRE, VSU, Baybay City, Leyte
	Resource Person, *Training-Workshop on Data Analysis using SAS and R*, CAFS Function Room, VSU, Baybay City, Leyte
October 2013	Resource Person, *Orientation Seminar on the Use of R for Statistical Analysis* CS 202, CompSci. Bldg., VSU, Baybay City, Leyte
May 2013	Resource Person, *Training Course on Statistical Analysis Using MS Excel 2007*, EB 103, Eng'g. Bldg., VSU, Baybay City, Leyte
December 2012	Resource Person, *Short Course on Statistical Methods in Animal Research* Statistical Computing Laboratory, DMPS, VSU, Baybay City, Leyte

May 2012	Resource Person, *Training Course on Statistical Analysis and Report Writing*, OVPRE –AVR, VSU, Baybay City, Leyte
February 2012	Keynote Speaker, College of Arts and Sciences Month Celebration; "Where Are the Poor: A Small Area Estimation Approach", Dept. of Liberal Arts and Behavioral Sciences, Visayas State University, Baybay City, Leyte
	Resource Person, *Echo Seminar: Orientation on the Use of STATA*, Dept. of Math, Physics and Statistics, Visayas State University, Baybay City, Leyte
December 2011	Invited Resource Person, *Seminar Workshop on Data Analysis Using STATA*, Eastern Samar State University, Guiuan, Eastern Samar

Research Supervision

Undergraduate Special Problem

J. Membrebe; "Modeling Cancer Mortality in Region VII", 2014

J. Gloria; "Measurement and Analysis of the Change in Attitude of College Students Toward Statistics After Exposure to an Elementary Course in Statistics", 2014

J. Jayme; "Statistical Methods for Targeting Poor Households in Region VIII", 2012

C. Acompanado; Characterizing Out-of-School Youth in Hindang, Leyte, 2012

J. Hinoguin; "Characterizing Library Use of Undergraduate Students of the Main Campus of the Visayas State University", 2012

D. Sostino; "Factor Analysis of the Reasons for Pursuing Advance Reserve Offecers Traning Corps Among Students in the Visayas State University", 2008

B. Vertudazo; "A Factor Analysis of the Reasons of the Pioneering Batch of BS Nursing Students for Choosing the Visayas State University", 2008

Current Research Interests

Applied statistics, categorical data analysis, linear models, bayesian statistics, nonparametric statistics, biostatistics, small area estimation

Relevant Trainings and Seminars Attended

Title of Training/Seminar	*Sponsoring Agency*	*Date/s*
Training Course on Impact Evaluation	NEDA & SRTC	Apr. 14-20, 2013
Training Course on Statistics and Statistical Analysis with R	PSA-Central Visayas Univ. of Cebu-LM	Oct. 16-18, 2012
WB/AusAID/NSCB Project on the Generationof 2009 Small Area Estimates of Poverty Validation Workshop	NSCB	Jul. 24, 2012
World Bank/NSCB Intercensal Updating of Small Area Poverty	National Statistical Coordination Board	Sept. 4, 2008

Estimates National Dissemination
Forum

Teacher Professional Development Training Workshop	Punzal & Associates Consultancy in Education And Management	May 28, 2007
Seminar on Marine Science Research And Coastal & Marine Resource Management	Silliman University CHED Zonal Research Center	Feb. 22, 2005
Research and Extension In-House Review and Planning Workshop	Southern Leyte State University	Oct. 14-15, 2004
Seminar-Workshop in Instructional Materials Development	Southern Leyte State University-Tomas Oppus	June 1-7, 2004
3rd Regional Professional Lecture Forum on Mathematics	Leyte Institute of Technology	Feb. 20, 2003
Training Course on Statistical Methods for Research	Statistical Research and Training Center	May 6-10, 2002
3rd Conference on Statistical Computing/7th National Convention On Statistics	Philippine Statistical Association/Asian Regional Section	Dec. 2- 4, 1998

Computing

Computing platform: Windows
Statistical Software: PHSTAT for MS EXCEL, STATISTICA, SPSS, STATA, SAS
Programming Languages: R, SAS, WinBUGS