

Joselito C. Magadia

Associate Professor
Director for Graduate Studies
School of Statistics
University of the Philippines
Diliman, Quezon City

Tel/Fax No. 928-0881

E-mail: j_magadia@yahoo.com

EDUCATIONAL ATTAINMENT

YEAR	DEGREE/SCHOOL
2000	PhD (Statistics), UP-Diliman
1990	Master of Science (Statistics), UP-Diliman
1985	Master of Science (Mathematics), UP-Diliman
1983	Bachelor of Science (Mathematics), UP-Diliman

OCCUPATIONAL EXPERIENCE

June 2012 – present	Investment Officer, University of the Phil System
June 2004 – present	Director, Graduate Studies Program, Sch of Statistics
June 1987 – present	Faculty, School of Statistics
2006 – 2007	Editor-in-Chief, Philippine Statistician

AWARDS/GRANTS/SCHOLARSHIPS

2013 BSP-UP Centennial Professorial Chair (July 2012-June 2013)
2012 BSP-UP Centennial Professorial Chair
2011 BSP-UP Centennial Professorial Chair
2010 BSP-UP Centennial Professorial Chair
2009 Phil Statistical Association Professorial Chair

SEMINARS/TRAININGS/LECTURES GIVEN

Resource Person / Speaker:

- Training Course on Econometric Modeling (Sept. 9-13, 2013, SRTC)
- Basic Training on Statistics for Planning and Decision-Making (July 22-26, 2013, NEDA)
- Applied Statistical Forecasting (Apr 29-30, 2013. UPSCRF)
- Statistics for Market Segmentation and Predictive Modeling (Oct. 25-26, 2012, UPSCRF)
- Statistical Modeling and Simulations Thru R (Jan. 23, 2012, UP Cebu)
- Univariate Time Series Analysis and its Applications to Finance (Sept. 27-30, 2010)

- PSA Training on Forecasting and Risk Management (Dec 1-3, 2009)
- PSA Training on Forecasting and Risk Management (Sept 21-23, 2009)
- BSP Lecture on Advanced Time Series (Aug 27-28, 2009)
- BSP Lecture on Statistical Software (June 1-2, 2009)

SEMINARS/TRAININGS ATTENDED

- University Teaching Seminar-Workshop on Test Construction (Sept. 10, 2012)
- Applied Nonlinear Statistical Methods - Applications in Biostatistics and Pharmaceutical Statistics (July 26, 2010)

RESEARCH PROJECTS

- Special Study on the Population Growth Rates of the Autonomous Region of Muslim Mindanao (ARMM) using Census Results
- USAID/OICI Mid-term Evaluation of Health, Agriculture, and Nutrition Development for Sustainability (HANDS) program in Liberia

PAPER PRESENTER/ACCEPTED PAPER (LOCAL and INTERNATIONAL)

- Magadia, J.C. (2013). "**Value-at-Risk Estimates from a SETAR Model.**" *Proceedings, 12th National Convention on Statistics* held at EDSA Shangri-la. Natl. Statistical Coordinating Board.
- Navarro, R.D. Jr., Magadia, J.C. and Paringit, E. C. (2012). "**Estimation of the Separable MGMRF Parameters for Thematic Classification**" in B. Escalante-Ramirez (ed). *Remote Sensing : Advanced Techniques and Platform*. Croatia, InTech, pp. 99 - 122.
- R. Li, **J. Magadia**, S. Fein, and L. Grummer-Strawn (2012) Risk of Bottle-Feeding for Rapid Weight Gain During the First Year of Life, ***Archives of Pediatrics and Adolescent Medicine, 166(5):431-436.***
- Navarro, R.D. Jr., **Magadia, J. C.**, Paringit, E. C. (2009) Estimating the Gauss-Markov Random Field Parameters for Remote Sensing Image Textures. **Procs. TENCON 2009 – 2009 IEEE Region 10 Conference.**

- Addawe, R., Addawe, J., Adrio, E. and **Magadia, J.** (2006), DESA: A Hybrid Optimization Algorithm for High Dimensional Functions, in Su, C., ed., **Control and Applications, Quebec: Acta Press**
- **Magadia, J.** (2004), Procedure for Detecting SETAR-Nonlinearity, **Proceedings of the 9th National Convention on Statistics**, Makati; National Statistical Coordination Board.

GRADUATE COURSES TAUGHT

- Statistical Computing (Numerical Analysis for Statisticians)
- Item Response Theory
- Quantitative Risk Management
- Time Series Analysis
- Advanced Time Series Analysis
- Statistics for Geographic Information Systems
- Bootstrap Methods
- Response Surface Methodology
- Categorical Data Analysis
- Applied Multivariate Analysis
- Applied Regression Analysis
- Marketing Metrics
- Linear Models
- Parametric Statistical Inference
- Advanced Theory of Inference
- Probability Theory
- Advanced Probability Theory
- Stochastic Processes
- Advanced Stochastic Processes
- Wavelet Methods in Statistics
- Stochastic Differential Equations
- Mathematical Analysis for Statisticians
- Statistical Software (Excel, SPSS, SAS)
- Statistical Analysis using R

UNDERGRADUATE COURSES TAUGHT

- Nonparametric Statistical Inference
- Elementary Probability
- Introduction to Statistics