

CURRICULUM VITAE
(As of June 2020)



NAME: *Zita C. Villa Juan - Albacea*
ZITA C. VILLA JUAN - ALBACEA

POSITION: Professor of Statistics

BIRTHDAY: 27 April 1961

BIRTHPLACE: Manila

OFFICE ADDRESS: Institute of Statistics
College of Arts and Sciences
University of the Philippines Los Baños
4031 College, Laguna
Philippines

EDUCATIONAL BACKGROUND: Doctor of Philosophy in Statistics
University of the Philippines Los Baños
1999

Graduate Diploma in Econometrics
The Australian National University
Canberra, Australia
1993

MS in Statistics
University of the Philippines Los Baños
1987

BS Statistics (*Cum Laude*)
University of the Philippines Los Baños
1982

WORK EXPERIENCE:

Professor 12 Institute of Statistics
College of Arts and Sciences
University of the Philippines Los Baños
January 1, 2019 – Present

Professor 6 Institute of Statistics
College of Arts and Sciences
University of the Philippines Los Baños
January 1, 2014 – December 31, 2018

Executive Director
(on Secondment) Philippine Statistical Research and Training Institute
April 24, 2014 – June 20, 2016

Professor 4 Institute of Statistics
College of Arts and Sciences
University of the Philippines Los Baños
June 15, 2010 – December 31, 2013

Professor 3	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños June 1, 2009 – June 14, 2010
Professor 2	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños April 1, 2008 – May 31, 2009
Associate Professor 7	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños July 1, 2005 – Mar 31, 2008
Associate Professor 6	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños July 1, 2000 – June 30, 2005
Associate Professor 3	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños April 12, 1999 - June 30, 2000
Assistant Professor 7	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños Jan 1997 - April 11, 1999
Assistant Professor 4	Statistics Division, IMSP College of Arts and Sciences University of the Philippines Los Baños Nov 1995 - Dec. 1996
Assistant Professor 1	Statistics Division, IMSP College of Arts and Sciences University of the Philippines Los Baños Nov 1992 - October 1995
Research Assistant	Department of Economics Research School of Pacific Studies Australian National University, ACT June 1990 - May 1992
Instructor	Department of Statistics and Statistical Laboratory College of Arts and Sciences University of the Philippines Los Baños Nov 1982 - May 1990
Graduate Teaching Assistant	Department of Statistics and Statistical Laboratory College of Arts and Sciences University of the Philippines Los Baños June 1982 - Nov 1982
Instructor	Department of Mathematics and Physics College of Arts and Sciences University of the Philippines Los Baños Nov 1981 - May 1982

ADMINISTRATIVE POSITIONS HELD:

Executive Director (on Secondment)	Philippine Statistical Research and Training Institute April 24, 2014 – June 20, 2016
Dean	College of Arts and Sciences University of the Philippines Los Baños November 24, 2011 - April 30, 2014
Director	Institute of Statistics College of Arts and Sciences University of the Philippines Los Baños September 7, 2009 – November 30, 2011
Associate Dean	College of Arts and Sciences University of the Philippines Los Baños December 1, 2006 – December 31, 2009
Vice Chancellor for Administration	University of the Philippines Los Baños April 1, 2002 – August 31, 2004
Treasurer	UPLB Foundation Inc. University of the Philippines Los Baños December 1, 1999 - August 31, 2004
Officer-In-Charge	Office of the Chancellor University of the Philippines Los Baños September 25, 2002
Officer-In-Charge	Office of the Vice-Chancellor for Administration University of the Philippines Los Baños April 29-30, 1999; May 6-7, 1999; May 31-June 4, 1999; July 7-9, 1999; August 5-6, 1999; April 24-May 24, 2000; February 5-April 4, 2001;
Officer-In-Charge	Office of the Dean, College of Arts and Sciences University of the Philippines Los Baños May 27, 1995
Division Head	Statistical Computing Division, INSTAT College of Arts and Sciences University of the Philippines Los Baños July 1, 2000 – June 30, 2001
College Secretary	College of Arts and Sciences University of the Philippines Los Baños December 1, 1994 - Nov 30, 1997
Division Head	Statistics Division, IMSP College of Arts and Sciences University of the Philippines Los Baños May 1, 1993 - May 30, 1994
SESP Administrative Liaison Officer for UPLB	UP-NEDA-UNDP Statistical Education Support Project, Apr. 1, 1989 - March 1990
SESP Academic Coordinator	UP-NEDA-UNDP Statistical Education Support Project, Aug 1, 1986 - Feb 29, 1988

Statistics Coordinator

Statistics Division, IMSP
University of the Philippines Los Baños
Aug 1, 1986 - July 31, 1987

MEMBERSHIP IN PROFESSIONAL ORGANIZATION:

Philippine Statistical Association
Phi Kappa Phi Honor Society

COURSES TAUGHT AT UPLB:

Stat	1	Elementary Statistics
Stat	101	Statistical Methods
Stat	141/144	Introductory Statistical Theory I
Stat	142/145	Introductory Statistical Theory II
Stat	146	Introductory Statistical Theory III
Stat	151	Applied Regression and Correlation
Stat	162	Experimental Designs I
Stat	164	Statistics for Biological Sciences
Stat	173	Survey Operations
Stat	175	Analysis of Multivariate Data
Stat	181	Statistical Computing
Stat	182	Statistical Packages
Stat	190	Special Problems
Stat	191	Special Topics (Small Area Estimation)
Stat	199	Undergraduate Seminar
Stat	235	Mathematics in Statistics
Stat	241	Statistical Theory I
Stat	242	Statistical Theory II
Stat	251	Linear Models I
Stat	252	Linear Models II
Stat	263	Design and Survey Sampling
Stat	341	Probability
Stat	342	Statistical Inference
Math	1/11	College Algebra
Math	2/14	Plane Trigonometry
Math	17	College Algebra and Trigonometry
Math	V	Basic Statistics (UP Rural High School Statistics Subject)

TEACHING MATERIALS PREPARED:

Lecture Handbook in STAT 241 – Statistical Theory I
2000-01, 2001-02, 2002-03, 2003-2004, 2004-05, 2005-06, 2006-07

Lecture Handbook in STAT 242 – Statistical Theory II
2000-01, 2001-02, 2002-03, 2003-2004, 2004-05, 2005-06, 2006-07

STAT 144 - Introductory Statistical Theory I
A Handbook of Slide Presentation

STAT 191 – Special Topics – Small Area Estimation
A Handbook of Slide Presentation

Math V - Basic Statistics (UP Rural High School Statistics Subject)
A Handbook of Slide Presentation

Elementary Statistics
A Handbook of Slide Presentation, 2010
Co-authored with C.E. Reaño

Elementary Statistics
A Handbook of Slide Presentation, 2005
Co-authored with C.E. Reaño, R.V.Collado, L.N.Comia and N.A.Tandang

Introduction to Statistics
A Handbook of Slide Presentation, 1999
Co-authored with L.T. Habacon, A.I.N. Gironella, and A.Y. Pacificador

Workbook in Statistics 1
Thirteenth Edition, School Year 2017-18
Co-authored with C.E. Reaño, L.N.Comia, N.A.Tandang, R.V.Collado, L.P.A.Ebal, J.D.L.Grajo, J.R.S. Reyes, R.A.S. Araña, M.C.Borromeo, R.C.Gambel, M.J.P.Dating, E.R.Gayosa, M.J.F.Lopez, A.K.Mananghaya, R.T.Marcelino, J.J.O.Mendoza, J.A.P.Reforsado, R.R.Roldan, Jr., M.S.C.Vasquez and J.L.A.Yambot

Workbook in Statistics 1
Twelfth Edition, School Year 2016-17
Co-authored with C.E. Reaño, L.N.Comia, N.A.Tandang, R.V.Collado, L.P.A.Ebal, J.D.L.Grajo, J.R.S. Reyes, R.A.S. Araña, M.C.Borromeo, R.C.Gambel, M.J.P.Dating, E.R.Gayosa, M.J.F.Lopez, A.K.Mananghaya, R.T.Marcelino, J.J.O.Mendoza, J.A.P.Reforsado, R.R.Roldan, Jr., M.S.C.Vasquez and J.L.A.Yambot

Workbook in Statistics 1
Eleventh Edition, School Year 2015-16
Co-authored with C.E. Reaño, L.N.Comia, N.A.Tandang, R.V.Collado, J.R.S. Reyes, M.S.T. Alarcon, R.A.S. Araña, M.S.Banaag, M.C.Borromeo, R.C.Gambel, M.J.P.Dating, M.J.F.Lopez, R.T.Marcelino, J.J.O.Mendoza, R.R.Roldan, Jr., M.S.C.Vasquez and J.L.A.Yambot

Workbook in Statistics 1
Tenth Edition, School Year 2014-15
Co-authored with C.E. Reaño, L.N.Comia, N.A.Tandang, R.V.Collado, J.R.S. Reyes, M.S.T. Alarcon, R.A.S.Araña, M.C.Borromeo, R.C.Gambel, M.J.P.Dating, M.J.F.Lopez, R.T.Marcelino, J.J.O.Mendoza, R.R.Roldan, Jr., M.S.C.Vasquez and J.L.A.Yambot

Workbook in Statistics 1
Ninth Edition, School Year 2013-14
Co-authored with C.E. Reaño, L.N.Comia, N.A.Tandang, R.V.Collado, J.R.S. Reyes, M.S.T. Alarcon, R.A.S. Araña, M.C.Borromeo, R.C.Gambel, M.J.P.Dating, M.J.F.Lopez, R.T.Marcelino, J.J.O.Mendoza, R.R.Roldan, Jr., M.S.C.Vasquez and J.L.A.Yambot

Workbook in Statistics 1
Eight Edition, School Year 2012-13
Co-authored with C.E. Reaño, L.N.Comia, N.A.Tandang, R.V.Collado, A.P.Huelgas, J.R.S. Reyes, R.C.Abo-abo, M.S.T. Alarcon, R.A.S. Araña, M.C.Borromeo, R.C.Gambel, M.J.P.Dating, M.J.F.Lopez, R.T.Marcelino, J.J.O.Mendoza, R.R.Roldan, Jr., O.A. Tumolva, M.S.C.Vasquez and J.L.A.Yambot

Workbook in Statistics 1
Seventh Edition, School Year 2011-12
Co-authored with C.E. Reaño, L.N.Comia, R.V.Collado, N.A.Tandang, L.P.D. Abitona, R.C. Abo-abo, R.P. Dacanay, I.M. Fernandez, J.D.L. Grajo, A.P. Huelgas, M.J.F. Lopez, J.R.S. Reyes, M.S.C.Vasquez, O.A. Tumolva, and J.C. Ynion

Workbook in Statistics 1
Sixth Edition, School Year 2010-11
Co-authored with C.E. Reaño, A.B. Cosico, N.M. Levita, R.P. Dacanay, I.M. Fernandez, J.D.L. Grajo, A.P. Huelgas, J.R.S. Reyes, M.K.C. Sembrano, O.A. Tumolva, and J.C. Ynion

Workbook in Statistics 1
Sixth Edition, School Year 2009-10
Co-authored with C.E. Reaño, A.B. Cosico, A.A. Gulle, N.M. Levita, R.I.Z.A. Morante, I.M.A. Alcantara, R.P. Dacanay, I.M. Fernandez, J.D.L. Grajo, A.P. Huelgas, J.R.S. Reyes, M.K.C. Sembrano, J.C. Sotto, O.A. Tumolva, M.V. Welan, and J.C. Ynion

Workbook in Statistics 1
Fifth Edition, School Year 2008-09
Co-authored with C.E. Reaño, L.A. Catahan, R.V.Collado, A.DC. Amon, R.I.ZG.Amar, A.B. Cosico, I.M. Fernandez, J.D.L. Grajo, N.M. Levita, J.C. Sotto, and J.C. Ynion

Workbook in Statistics 1
Fourth Edition, School Year 2007-08
Co-authored with C.E. Reaño, L.A. Catahan, R.V.Collado, A.DC. Amon, R.I.ZG.Amar, M.L.D. Balba, A.B. Cosico, N.M. Levita, P.J.A. Pastor, G.M. Ramirez, K.S.Salazar, J.R.A. Victoria, and J.C. Ynion

Workbook in Statistics 1
Third Edition, School Year 2006-07
Co-authored with C.E. Reaño, L.A. Catahan, R.V.Collado, L.N.Comia N.A.Tandang, A.DC. Amon, R.I.ZG.Amar, M.L.D. Balba, A.B. Cosico, N.M. Levita, L.B. Modina, P.G.S. Pablo, R.G.Perez, M.B. Rebutica, K.S.Salazar, E.A.D. Tejada, and J.R.A. Victoria

Workbook in Statistics 1
Second Edition, School Year 2005-06
Co-authored with A.Y. Pacificador, Jr., C.E. Reaño, L.A. Catahan, R.V.Collado, L.N.Comia N.F. Lopez, N.A.Tandang, A.DC. Amon, M.L.D. Balba, A.D. Briones, N.M. Levita, L.B. Modina, P.G.S. Pablo, M.B. Rebutica, K.S.Salazar, N.M.Y. Singson, E.A.D. Tejada, and J.R.A. Victoria

Workbook in Statistics 1
First Edition, School Year 2004-05
Co-authored with A.Y. Pacificador, Jr., C.E. Reaño, L.A. Catahan, R.V.Collado, L.N.Comia N.F. Lopez, N.A.Tandang, A.DC. Amon, M.L.D. Balba, A.D. Briones, N.M. Levita, L.B. Modina, P.G.S. Pablo, M.B. Rebutica, K.S.Salazar, N.M.Y. Singson, E.A.D. Tejada, and J.R.A. Victoria

Laboratory Manual in Statistics 1
Second Edition, June 1999
Co-authored with L.T. Habacon, A.I.N. Gironella, A.Y. Pacificador, R.V. Collado, A.I. Guzman, R.M. Matining and J.D. Quiton

Lecture Manual in Basic Statistics
To be used by Asian Institute of Journalism

Lecture Manual in Statistical Methods
Co-author with Dr. Margarita F. Guerrero

RESEARCH PAPERS:

1. Refereed Journal (Full Paper)

Latonio, AMLS, **ZVJAlbacea**, and IPDavid *Comparison of Data Sources and Construction of a Sampling Frame for Household-based Livestock Surveys in Nueva Ecija, Philippines*, *The Philippine Statistician*, Vol. 68, 2019

Reyes, JRS and **ZVJAlbacea** *Sampling Strategy in Evaluating Teaching Performance Through Student Ratings*, *The Philippine Statistician*, Vol. 64, 2015

Grajo, JDL and **ZVJ Albacea**, *The Use of Propensity Score Matching in Eliminating Self-Selection Bias in Market Surveys*, *Journal of Arts, Science and Commerce*, Vol VI, Issue – 4, 2015

Albacea, Z.V.J., *Generation of Small Area Official Statistics using Empirical Best Linear Unbiased Prediction Estimator*, *The Philippine Statistician*, Vol. 58, 2009.

Gulles, A.A, E.V. Castillo, W.L. Molano, N.B.S. Alcantara, K.T.V. Dorado and **Z.V.J. Albacea**, *Estimating the Proportion of Households Not Meeting Energy Adequacy at the Provincial Level in the Philippines*, *The Philippine Statistician*, Vol. 58, 2009.

David, I.P. W.L. Molano, E.A. Fabian, **Z.V.J. Albacea**, and R.G. Arcilla, *Estimating Food Poverty Directly from Consumption Data, Comparison with Official Method and Suggestions for Change*, *The Philippine Statistician*, Vol. 57, 2008.

Albacea, Z.V.J., G.M.P. Gironella, S.K.T. Mogul and J.K.S. Tena, *Empirical Evaluation of Statistical Matching*, *The Philippine Statistician*, Vol. 55, Nos. 1-2, 2006.

Anez-Tandang, N. and **Z.V.J. Albacea**, *Empirical Comparison of Design- and Model-based Estimators of Quantile Proportion in a Positively Skewed Distribution*, *The Philippine Statistician*, Vol. 53, Nos. 1-4, 2004.

Albacea, Z.V.J. and A.I.N. Gironella, *Design-based Estimation of Provincial Poverty Incidence of the Philippines*, *The Philippine Statistician*, Vol. 50, Nos. 1-4, 2001.

Albacea, Z.V.J. and A.I.N. Gironella, *Where can we find the poor in the Philippines?*, *The Philippine Statistician*, Vol. 49, Nos. 1-4, 2000.

Albacea, Z.V.J. and A.I.N. Gironella, *Identifying Correlates of Poverty in Complex Survey Data*, *The Philippine Statistician*, Vol. 47, Nos. 1-4, 1998.

Neri, L F., E.S.Solivas and **Z.V.J. Albacea**, *Correspondence Analysis as Applied to a 6×5 Contingency Data*, *The Philippine Statistician*, Vol. 47, Nos. 1-4, 1998.

2. Articles (Full Paper) Published in Proceedings of Conference

Z.V.J. Albacea *Measuring the Happiness of the Faculty of University of the Philippines Los Baños Using a Statistical Index*. Presented at the 11th National Convention on Statistics, Shangri-la Plaza, Mandaluyong City, Philippines, Proceedings of the 11th National Convention Statistics, October 4-5, 2010, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

RGArcilla, **Z.V.J. Albacea** and IPDavid, *Comparison of Methodologies for Measuring Hunger Prevalence Utilizing Food Consumption Surveys*, Proceedings of the 11th OU-DLSU Academic Research Workshop

RGArcilla, **Z.V.J. Albacea** and IPDavid, *Measuring the Prevalence of Hunger in the Philippines Directly from Food Consumption Data*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

RGPerez and **Z.V.J. Albacea**, *Design-Based and Model-Based Estimation of Poverty Measures at the Provincial Level in the Philippines*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

RIZGamar and **Z.V.J. Albacea**, *Barangay Level Estimation of the Proportion of Underweight Filipino Children Aged 0-5 Years*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

EVCastillo, WLMolano and **Z.V.J. Albacea**, *Estimating the Proportion of Stunted 0-5 Year-Old Children at the Provincial Level in the Philippines*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

ADCAmon and **Z.V.J. Albacea**, *Modeling Municipality Food Poverty in the Philippines*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

WLMolano, AAGulles, EVCastillo KTVDorado and **Z.V.J. Albacea**, *Estimating the Proportion of Households Not Meeting Energy Adequacy at the Provincial Level in the Philippines*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

CADuante, FVVelandria, WLMolano and **Z.V.J. Albacea**, *Small Area Estimation of the Provincial Prevalence of Hypertension Among Adults in the Philippines*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

MMBelarmino, WLMolano and **Z.V.J. Albacea**, *Small Area Estimation of the Provincial Prevalence of Underweight Among 6-10 Year-Old Children in the Philippines*, Proceedings of the 10th National Convention Statistics, October 1-2, 2007, EDSA Shangri-La Hotel, Mandaluyong City, Philippines

Albacea, Z.V.J., *Estimating Sub-National Poverty Incidence Using Small Area Estimation Technique*, Proceedings of the Regional Conference on "Poverty Monitoring in Asia", March 24-26, 2004, Asian Development Bank Headquarters, Manila Philippines

Albacea, Z.V.J. and A.I.N. Gironella, *Estimation of Provincial Poverty Incidence of the Philippines*, Proceedings of the 53rd Session of International Statistical Institute, August 22-29, 2001, Seoul, South Korea

Albacea, Z.V.J., Gironella, A.I.N. and C.S. Bantilan, *Statistical Properties of Flexible Functional Forms in Modeling Rice Input and Output Supply*, Proceedings of the UNDP-UP Statistical Education Support Project Research Conference, Philippine International Convention Center, Manila, Philippines, Dec, 1989

3. Papers Presented in Conference/Workshop without Published Proceedings

Roldan, RR and **Z.V.J. Albacea**, *Mining Geo-Located Social Media Data to Analyse the Domestic Travel Patterns in the Philippines*, Presented at the International Conference on Methodological Advances in Research, July 24-26, 2018, Cebu City

Z.V.J. Albacea, *Generating Sub-National Poverty Statistics: The Philippine Experience*, Paper Presented at 2017 International Conference on Sustainable Development Goals Statistics, Oct 4-6, 2017, Manila

Arlan, RLC and **Z.V.J. Albacea**, *Poisson Regression Estimates of the Municipal and City Level Counts of Poor Households in Western Visayas Region, Philippines*, Presented at the 2017 PSAI Annual Conference, Bacolod City

Mendoza, JJO and **Z.V.J. Albacea**, *Indirect Estimation of the Municipal and City Level Average Household Savings Rate in Western Visayas Region*, Presented at the 2017 PSAI Annual Conference, Bacolod City

Borromeo, MC and **Z.V.J. Albacea**, *Model-based Estimation of Local Area Unemployment Counts in Western Visayas Region*. Presented at the 2017 PSAI Annual Conference, Bacolod City

Yambot, JLA, CMA Hilomen and **ZVJ Albacea**, *Sub-National Estimation of Proportion of Households Who Experienced Hunger at Least once in Each Week*, Presented at the 10th UPLB-CAS Student-Faculty Research Conference, 20 Nov 2017, UPLB

Mananghaya, AK, LAGliponeo and **ZVJ Albacea**, *Estimation of the Proportions of Households Who Think that there is a Serious Drug Abuse in their Community at the Regional Level*, Presented at the 10th UPLB-CAS Student-Faculty Research Conference, 20 Nov 2017, UPLB

Ebal, LPA, LLJulongbayan, and **ZVJ Albacea**, *Regional Estimation of Proportion of Households with Members who are Working Children Aged 5 to 17 Years*, Presented at the 10th UPLB-CAS Student-Faculty Research Conference, 20 Nov 2017, UPLB

Fernandez, IMF, Ynion, J.C. and **ZVJ Albacea**, *Teen Pregnancy in the Philippines* Presented at the 3rd CAS Student-Faculty Research Conference, November 22, 2010, CAS Auditorium, UP Los Baños

Grajo, J.D.L, Sembrano, M.K.C. and **ZVJ Albacea**, *Describing the Antenatal Care Coverage in the Philippines* Presented at the 3rd CAS Student-Faculty Research Conference, November 22, 2010, CAS Auditorium, UP Los Baños

Bonggon, DCA. and **ZVJ Albacea**, *A Case Study of the Factors Affecting the Stress Management Skills of Some UPLB Students*, Presented at the 2nd UPLB-CAS Student-Faculty Research Conference, December 14, 2009, CAS Auditorium, UP Los Baños

Rotairo, L.E. and **ZVJ Albacea**, *Model-based Estimation of Annual Per Capita Income Based on the Results of the Labor Force Survey for the Estimation of Annual Poverty Statistics* Presented at the 2nd UPLB-CAS Student-Faculty Research Conference, December 14, 2009, CAS Auditorium, UP Los Baños

Amponin, A.G., **ZVJ Albacea**, and JDL Grajo, *Profile Analysis of Outstanding Teacher Awardees (1988-2007) in the University of the Philippines Los Baños*, Presented at the 10th Student-Faculty Conference on Statistical Sciences, November 23, 2009, CAS Auditorium, UP Los Baños

Albacea, Z.V.J. and R.G. Arcilla, *IPD's Proposed Measure of Hunger in the Philippines* Presented at the UPLB-INSTAT Annual Seminar Series in honour of Dr. Isidoro P. David, July 3, 2009, CAS Auditorium, UP Los Baños, College, Laguna, Philippines

Albacea, Z.V.J., Catahan, L.A., Collado, RV. and C.E. Reaño, *Large vs. Very large Class Size in Teaching Statistics I: A Pseudo-Experiment*, Presented at the 1st UPLB-CAS Student-Faculty Research Conference, December 8, 2008, CAS Auditorium, UP Los Baños

Victoria, JRA. and **ZVJ Albacea**, *Estimation of the Unemployment Rates of the Women Sector at the Provincial Level in the Philippines*, Presented at the 1st UPLB-CAS Student-Faculty Research Conference, December 8, 2008, CAS Auditorium, UP Los Baños

Tejada, EAJ and **ZVJ Albacea**, *Provincial Estimates of Poverty Incidence of Agriculture Sector in the Philippines*, Presented at the 1st UPLB-CAS Student-Faculty Research Conference, December 8, 2008, CAS Auditorium, UP Los Baños

Albacea, Z.V.J. *Model-based Estimation of Annual Income and expenditure based on the FIES 1st Round Results: Methodology and Results* Presented at the NSCB /NEDA/UNDP Project on the Model-based Estimation of Annual Income and Expenditure National Dissemination Forum, September 29, 2008, Crown Plaza Galleria, Manila, Philippines

Albacea, Z.V.J., 2003 City/Municipal Level Poverty Local Estimates, Presented at the WB/NSCB Intercensal Updating of Small Area Poverty Estimates National Dissemination Forum, September 3, 2008, Crown Plaza Galleria Manila

David, I.P., W.L. Molano, E.A. Fabian, **Z.V.J. Albacea** and R. G. Arcilla *Estimating Food Poverty Directly from Consumption Data, Comparison with Official Method, and Suggestions for Change* Presented at the

Philippine Statistical Association Annual Conference Mga Nagugutom sa Pilipinas: Ilan at Nasaan ba Talaga Kayo? September 19, 2007, Philippine Social Science Center, Diliman, Quezon City, Philippines

David, I.P., W.L. Molano, E.A. Fabian and **Z.V.J. Albacea**, *Food Poverty Estimation and Monitoring Surveys: Analyses and Suggestions for Improvement*, Presented at the Philippine Economic Society 44th Annual Meeting, November 21, 2006, Bangko Sentral ng Pilipinas, Manila, Philippines.

Albacea, Z.V.J. *Assessment of Vulnerability to Poverty in the Philippines* Presented at the NSCB Executive Board Meeting, May 22, 2006, NEDA Board Room, Pasig City, Philippines

Albacea, Z.V.J., *Estimation of Poverty Statistics at the Barangay Level*, Presented at the 6th Joint Student-Faculty Conference on Statistical Sciences, September 24, 2005, UP Los Baños.

David, I.P., D.S. Maligalig, W.L. Molano, R.A. Pedro and **Z.V.J. Albacea**, *Estimating Food Poverty and Hunger Prevalence Directly From Food Consumption Data*, Proceedings of the Regional Conference on International Conference on Official Poverty Statistics, October 4-6, 2004, Shangri-La, EDSA, Manila, Philippines.

Perez, R.G. and **Z.V.J. Albacea**, *Sample Size Determination Using Quicksie Algorithm*, Presented at the 1st Student-Faculty Conference on Statistical Sciences, September 27, 2003, UP Los Baños.

Tena, J.K.S., G.M.P. Gironella and **Z.V.J. Albacea**, *Comparison of Unconstrained and Constrained Statistical Matching*, Presented at the 1st Student-Faculty Conference on Statistical Sciences, September 27, 2003, UP Los Baños.

Albacea, Z.V.J. and Arturo Y. Pacificador Jr. *Targeting the Poor in the Philippines* Presented at the ADB Technical Assistance 3656 PHI: Paper Presentation Seminar, June 11, 2003, ADB Headquarters in Mandaluyong City, Philippines.

Albacea, Z.V.J., *Estimating Sub-National Poverty Incidence Using Small Area Estimation Technique*, Presented at the RETA 6007: Enhancing Social and Gender Statistics Concluding Workshop, June 24-27, 2003, Bangkok, Thailand

Legaspi, E.C., C.B. Lamug and **Z.V.J. Albacea**, *UPLB Faculty Values*, Presented at the UP Faculty Conference, May 30, 1995, Subic Bay, Bataan

4. Paper Presented (Oral)

Albacea, Z.V.J., *Estimating Sub-National Poverty Incidence Using Small Area Estimation Technique*, Presented at the Inaugural Seminar Series of the Institute of Statistics, July 28, 2003, UP Los Baños.

Albacea, Z.V. and P.G. Warr, *Agricultural Parameter Estimates for APEX CGE Model of the Philippine Economy*, Presented at the Workshop on General Equilibrium Modeling for Agricultural Policy Analysis, 21-24 May, 1991, Pattaya, Thailand,

5. Paper Presented (Poster)

Mogul, S.K.T. and **Z.V.J. Albacea**, *Distributional Properties of Distances Measured in a Statistical Match*, Presented at the 1st Student-Faculty Conference on Statistical Sciences, September 27, 2003, UP Los Baños.

6. An Article in Edited Proceedings

Albacea, Z.V.J., *Small Area Estimation of Sub-National Poverty Incidence*, A Chapter in a Book entitled "Poverty Monitoring in Asia" Edited by H. Gsänger and M. Fernando, Centre for Poverty Analysis, 2004

7. Technical Bulletin/Monograph

Albacea, Z.V.J. and A.Y. Pacificador, Jr., *Targeting the Poor in the Philippines*, A research study funded by ADBTA 3656 PHI: Improving Poverty Monitoring Surveys, National Statistics Office, 2003

Albacea, Z.V.J. , *Estimating Philippine Provincial Incidence Using Administrative Data*, A research study funded by ADBTA 3656 PHI: Improving Poverty Monitoring Surveys, National Statistics Office, 2003

Albacea, Z.V.J. and A.I.N. Gironella *Profile and Manpower Contribution to Production of Philippine Population, Volume 4: Senior Citizens* November, 1996

7. Project Reports

Albacea, Z.V.J., Cosico, A.B., Tandang N.A. Reyes, J.R.S., Tumolva, O.A. and R.C. Abo-abo *Measuring Measurement Error of Observing Income and Expenditure Variables*, SRTC Funded Basic Research Final Report, December, 2010

Albacea, Z.V.J., Cosico, A.B., Morante, R.I.Z.A. and R.P. Dacanay, *Small Area Estimation (SAE) Baseline Data Collection and Analysis for the Joint Programme on Maternal and Neonatal Health*, UNDP Funded Research Final Report, December, 2010

Albacea, Z.V.J. and N.A.Tandang, *Development of an Estimation Procedure in Generating Barangay Level Poverty Statistics*, UPLB Basic Research Final Report, August, 2005

Gironella, A.I.N., M.F. Guerrero and **Z.V.J. Albacea**, *Industrial uses of Corn in the Philippines (PSA-ASAP Project Final Report)* September, 1994

Albacea, Z.V.J., A.I.N. Gironella and E.A. Albacea, *Analysis of the 1994 Achievement Tests of the High School Students in the Philippines (DECS Project Report)* November, 1994

Lansigan, F.P., Aloba, T., Jawili, M.C.E. and **Z.C. Villa Juan**, *Final Report: Stochastic Modelling of Geophysical Data*, June 1985

8. Professorial Chair Lecture

Albacea, Z.V.J. *Students' Pulse: An Alternative University's Feedback Mechanism Through A Atatistical Survey*. UPLB Centennial Professorial Chair, June 2012

Albacea, Z.V.J. *Measuring the Happiness of the Faculty of University of the Philippines Los Baños Using a Statistical Index*. UPLB Faculty, Students and Staff Professorial Chair, June 2010

Albacea, Z.V.J. *Small Area Estimation of Poverty Statistics in the Philippines* UPLB Development Fund/Diamond Jubilee Professorial Chair, June 2007

HONORS/AWARDS/FELLOWSHIPS:

UPLB Outstanding Alumnus for Teaching, 2014

UPLB Centennial Professorial Chair, 2011-12

UPLB Faculty, Students and Staff Professorial Chair, 2009-10

CAS Outstanding Alumnus for Teaching, 2007

UPLB Development Fund/Diamond Jubilee Professorial Chair, 2006-07

Scholar, Philippine Council for Advanced Science and Technology Manpower Development November, 1997 – Mar 1999

Fellow, Australian International Development Assistance Bureau (AIDAB), Equity and Merit Scholarship Scheme January 1991 - May 1991 and June 1992 - November 1992

Fellow, UNDP-NEDA-UP Statistical Education Support Program, June 1985-May 1986.

Cum Laude University of the Philippines Los Baños November, 1981.

Silver Medallist of the Graduating Class, Manila Science High School, March, 1978.

Gold Medallist for Academic Excellence, Manila Science High School, March 1978.

EXTENSION ACTIVITIES:

Resource Person	<i>ADB Sponsored Training on Small Area Estimation for Thailand NSO Staff</i> NSO, Bangkok, Thailand August, 2018
Resource Person/Coordinator	<i>PSA-Bloomberg Training on Small Area Estimation of SDG Health Indicators</i> Joy-Nostalg Hotel, ADB Avenue, Ortigas Center, Pasig City January, 2018
Resource Person	<i>PSRTI Training on Statistical Data Management and Analysis Using MS Excel,</i> PSRTI, Diliman, Quezon City September 5-9, 2016
Resource Person	<i>2015 PSAI Training on Monitoring Progress of Local Government Using Small Area Statistics,</i> Fort Ilocandia Hotel Resort, Laoag City, Ilocos Norte, September 23, 2015
Resource Person	<i>PSA-CHED Training of Basic Statistics Teachers,</i> Benquet State University, La Trinidad Mindanao State University – Iligan Campus University of Rizal Cebu Normal University Cebu City Arts and Technology College For the Year 2008
Resource Person	<i>PAHRDF-NSCB Capacity Building for the Improvement of Official Poverty Statistics</i> Makati City, July 10-13; Sept 11-14, 2007
Resource Person	<i>PAHRDF-NSO Strengthening Technical Capacity Transfer for Small Area Estimation,</i> Quezon City, June 4-15 2007
Resource Person	<i>PSA-SRTC Training of Basic Statistics Teachers,</i> Statistical Research and Training Center, Quezon City, May 15-18, 21-24 2007
Resource Person and Module Coordinator	<i>Module 3- Design and Operations of Surveys, FNRI-UPLB Training Program on Statistical Methods in Research, Report Writing and Information Dissemination, FNRI-DOST Bicutan, Taguig, Metro Manila,</i> Feb. 27-28; March 1-3, 2006
Resource Person and Module Coordinator	<i>Module 6- Small Area Estimation, FNRI-UPLB Training Program on Statistical Methods in Research, Report Writing and Information Dissemination, FNRI-DOST Bicutan, Taguig, Metro Manila,</i> March 6-10, 2006

Resource Person	<i>Promoting Statistical Literacy Among Statistics Teachers</i> , University of San Carlos Talamban Campus, Talamban, Cebu City, June 3-4, 2005
Resource Person	<i>Small Area Estimation</i> , FNRI-DOST, Bicutan, Taguig, Metro Manila, April 20, 2005
Resource Person	<i>Country Course in Small Area Estimation</i> , Statistical Research and Training Center, July 19-30, 2004
Resource Person	UNSIAP-RBTP <i>First-Research-Based Regional Training Course in Statistics</i> , Statistical Research and Training Center, February 16 – May 4, 2004
Resource Person	<i>Short Course on Sample Survey Design</i> , National Statistics Office, October 22 & 24, 2003.
Resource Person	<i>Module 4 – Weighting Adjustments, Variance Estimation and Small Area Estimation, Advance Training Course in Statistical Methodologies</i> , National Statistics Office, June 3-5, 2003.
Resource Person	<i>Module 3 – Analysis of Complex Survey Data, Advance Training Course in Statistical Methodologies</i> , National Statistics Office, May 5-9, 2003.
Resource Person	<i>Module 2 – Analysis Basic Survey Sampling Design, Advance Training Course in Statistical Methodologies</i> , National Statistics Office, April 14-30, 2003.
Resource Person	Training on Applied Inferential Statistics Sponsored by SRTC, Quezon City, July 11-15, 1994
Training Coordinator	DOST-UPLB In-Country Short-Term Training on Statistics, Sponsored by ESEP, DOST, Conducted by Division of Statistics, IMSP, UP Los Baños, May 1994
Resource Person	Training on Introduction to Econometric Modelling using a Statistical Software Sponsored by SRTC and NEDA, NEDA sa Pasig, April, 1994
Resource Person	Training on Advanced Statistics Sponsored by SRTC, Zamboanga City, Oct 25-27, 1993
Discussant	Summer program in Economics Module in Introduction to Econometrics, CEM UP Los Baños April-May 1993-94
Lecturer	Summer Orientation Course in Environmental Studies, Module II - Mathematics and Statistics IESAM, UP Los Baños, April-May, 1993-94
Resource Person	Training on Computer Software with Introduction on Management Information System, IMSP, UP Los Baños, Feb 1 - 19, 1993
Resource Person	Design and Analysis of Experiments in MPTS Research, Institute of Forest Conservation, College of Forestry, UP Los Baños, Jan 9 - Feb 6, 1989

Resource Person	BAS Training on Statistical Methods, Philippine Social Science Center, Quezon City, Nov 15-16, 1988
Resource Person	Social Research Design and Evaluation Studies in Forestry, Institute of Social Forestry, College of Forestry, UP at Baños, Oct 13 - Nov 4, 1988
Resource Person	DA-PCARRD-UPLB Training Workshop on Field Experimentation, Statistical Analysis and Research Report Writing, PCARRD, Los Baños, Laguna, Nov 1987
Resource Person	UPLB-MMSU Training on Statistical Methods for Agricultural Research and Development, MMSU, Batac, Ilocos Norte, Oct 20-25, 1987
Resource Person	UPLB-NFA Training Program in Statistics, National Food Authority, Quezon City, April 1987
Resource Person	Statistical Module for Science Teachers in Metro Manila, St. Mary's College Auditorium, Quezon City, January 18, 1985
Resource Person	UPLB-PCARRD Training Program on Statistics in Agricultural Resources Research, June 22, 1984.
Resource Person	21 st UPLB-PCARRD Workshop on Design and Analysis of Experiments, PNAC, Aborlan, Palawan, May 15-19, 1983.
Resource Person	20 th UPLB-PCARRD Workshop on Design and Analysis of Experiments, MSAC, La Trinidad, Benquet, Philippines, April 3-7, 1983.

SEMINARS/CONFERENCE ATTENDED:

Participant	<i>UPLB Graduate School Faculty Dissemination Workshop on the Program for Relevant and Responsible Postgraduate Research</i> Acacia Hotel, Alabang, Muntlupa City August 2, 2018
Participant	<i>UPLB Faculty Training-Workshop on Outcome-Based Education for Quality Assurance</i> UPLB, College, Laguna June 7-8, 2018
Participant	<i>18th National Student-Faculty Conference on the Statistical Sciences,</i> UP Los Baños, October 16, 2017
Panelist	<i>PSA Country Workshop on the Philippine Data Revolution for the Sustainable Development Goals</i> EDSA Shangri-la Hotel, Ortigas Center, Mandaluyong City, October 6, 2016
Participant, Session Organizer and Moderator	<i>13th National Convention on Statistics,</i> EDSA Shangri-La Hotel, Mandaluyong City, Philippines October 3-4, 2016

Participant	<i>SIAP Regional Workshop on Training of Trainers for Official Statistics,</i> SIAP Office, Chiba, Japan February 29 – March 3, 2016
Session Chair	<i>2015 PSAI Annual Conference – “Advancing Statistics for the Post-2015 Sustainable Development Agenda”</i> Fort Ilocandia Hotel Resort, Laoag City, Ilocos Norte, September 24, 2015
Participant	<i>CHED Conference on Senior High School Curriculum and New General Education Curriculum,</i> CHED Auditorium, CP Garcia, Diliman, Quezon City April 29, 2015
Participant	<i>PSRTI Workshop on Strategic Performance Management System,</i> PSRTI, Diliman, Quezon City June 26-27, 2014
Participant	<i>FAO-PSA National Training Workshop on Supply Utilization Accounts and Food Balance Sheet,</i> Taal Vista Lodge Hotel, Tagaytay City June 9-11, 2014
Paper Discussant	<i>PSA Annual Conference,</i> Philippine Social Science, Commonwealth, Diliman Quezon City, September 2010
Organizer	<i>UPLB-INSTAT 2nd Annual Seminar</i> Drillon Hall, SEARCA, Los Banos, Laguna February 26, 2010,
Participant, Session Organizer Moderator and Paper Presenter	<i>11th National Convention on Statistics,</i> EDSA Shangri-La Hotel, Mandaluyong City, Philippines October 4-5, 2010
Panel of Judges	<i>2009 DOST Outstanding Thesis and Dissertation Awards in Advanced Science and Technology,</i> December 2009
Organizer	<i>10th Joint Student Faculty Conference on Statistical Sciences,</i> CAS Auditorium, UPLB, College, Laguna November 23, 2009
Session Moderator	<i>PSA Annual Conference,</i> Philippine Social Science, Commonwealth, Diliman Quezon City September 5, 2009
Organizer	<i>UPLB-INSTAT Annual Seminar in Honor of Dr. Isidoro P. David,</i> CAS Auditorium, UPLB, College, Laguna July 3, 2009
Participant	<i>UPLB Faculty Conference,</i> DAP Conference Center, Tagaytay City April 28-30, 2009
Participant	<i>UPLB Pre-Faculty Conference,</i> CAS Auditorium, UPLB, College, Laguna April 14, 2009

Participant, Session Organizer Moderator and Paper Presenter	<i>10th National Convention on Statistics,</i> EDSA Shangri-La Hotel, Mandaluyong City, Philippines, October 1-2, 2007
Participant	<i>PAHRDF-NSCB-ABS Capacity Building for the Improvement of Official Poverty Statistics</i> Australian Bureau of Statistics, Canberra, Australia, Aug 4-18, 2007
Participant and Paper Presenter	<i>Philippine Economic Society 44th Annual Meeting,</i> Bangko Sentral ng Pilipinas, Manila, Philippines November 21, 2006
Participant and Paper Presenter	<i>6th Joint Student-Faculty Conference on Statistical Sciences,</i> UP Los Baños College, Laguna September 24, 2005
Participant and Discussant	<i>Ninth National Convention on Statistics,</i> EDSA Shangri-La Hotel, Mandaluyong City, Philippines October 4-5, 2004
Participant and Paper Presenter	<i>International Conference on Official Poverty Statistics,</i> EDSA Shangri-La Hotel, Mandaluyong City, Philippines, October 4-6, 2004
Participant	<i>Regional Seminar on Poverty Analysis and Data Initiative (PADI),</i> Jakarta, Indonesia June 14-16, 2004
Participant and Paper Presenter	<i>Regional Conference on "Poverty Monitoring in Asia"</i> Asian Development Bank Headquarters, Manila Philippines, March 24-26, 2004
Participant and Paper Presenter	<i>1st Student-Faculty Conference on Statistical Sciences,</i> UP Los Baños, College, Laguna September 27, 2003
Participant and Paper Presenter	<i>RETA 6007: Enhancing Social and Gender Statistics Concluding Workshop,</i> Bangkok, Thailand May 20-23, 2003
Participant	<i>PSA-INSTAT Burton T. Onate Research Conference,</i> APEC Center for Technology Exchange and Training for Small and Medium Enterprise, Science ad Technology Park, UPLB August 16, 2002
Participant and Discussant	<i>Eight National Convention on Statistics,</i> Westin Philippine Plaza, Pasay City, Philippines October 1-5, 2001
Participant and Paper Presenter	<i>53rd Session of International Statistical Institute</i> Seoul, South Korea August 22-29, 2001
Participant and Paper Presenter	<i>Workshop on General Equilibrium Modelling for Agricultural Policy Analysis,</i> Pattaya, Thailand May 21-24, 1991

Participant and Paper Presenter	<i>UNDP-UP Statistical Education Support Project Research Conference,</i> Philippine International Convention Center, Manila, Philippines December 1989
Participant	<i>Fifth National Convention on Statistics,</i> Philippine International Convention Center, Manila, Philippines, December 1989
Participant	<i>Training on SAS Basics, On-Line System</i> Legaspi Village, Makati, Metro Manila July 12-14, 1989
Participant	<i>Time Series Analysis and Econometric Forecasting</i> UP Diliman, Quezon City, Sept 19-30, 1988
Participant	<i>Workshop on Modern Computer Programming Techniques,</i> UP Los Baños, College, Laguna May 20-31,1985
Participant	<i>Seminar on the Preparation and Use of Visual Aids</i> UP Los Baños, College, Laguna April 13 - 14, 1982
Participant	<i>Seminar on Artificial Intelligence, Natural Language, and Digital Image Processing,</i> UP Diliman, March 26-31, 1984
Participant	<i>Seminar on Teaching,</i> UP Los Baños, College, Laguna June 14-17, 1982.
Participant	<i>Third National Convention on Statistics,</i> Philippine International Convention Center, Manila, Philippines, Dec 13-14, 1982.

RESEARCH ACTIVITIES:

Role: Consultant

Project Title: ADB TA 9356 DATA FOR DEVELOPMENT – Subproject on Small Area Estimation

Duties and Responsibilities: Draft a practical guide on small area estimation for SDG Indicators and conduct a pilot training of NSO staff using the guide, April 2018 to March 2020 (with extension)

Role: Consultant

Project Title: 2012 Municipal and City Level Estimation of Poverty Statistics, PSA Project in Collaboration with World Bank and Australian Aid, May 2015 to April, 2016

Duties and Responsibilities: Develop a model for estimating 2012 municipal and city level poverty statistics.

Role: Consultant

Project Title: 2006 and 2009 Municipal and City Level Estimation of Poverty Statistics, NSCB Project in Collaboration with World Bank and Australian Aid, January to December, 2013

Duties and Responsibilities: Develop a model for estimating 2006 and 2009 municipal and city level poverty statistics.

Role: Lead Researcher

Project Title: Measuring Measurement Error of Observing Income and Expenditure Variables, SRTC Project, July 15 – December 15, 2010

Duties and Responsibilities: Develop a procedure for measuring measurement error in observing income and expenditure variables.

Role: Co-Project Leader

Project Title: Design and Development of a Vulnerability Assessment Tool Combining Scientific and Indigenous Knowledge for the Agricultural Sector of Benguet and Ifugao; Capacity Building on the Developed Vulnerability Assessment Tool, Community-based Adaptive Strategies and Monitoring Evaluation Procedures, FAO Project, June 15 – December 15, 2010

Duties and Responsibilities: Develop a vulnerability index

Role: Lead Consultant

Project Title: Small Area Estimation (SAE) Baseline Data Collection and Analysis for the Joint Programme on Maternal and Neonatal Health, UNDP Project, April 1 – December 31, 2010

Duties and Responsibilities: Generate small area estimates of JPMNH Indicators.

Role: Consultant

Project Title: Model-Based Estimation of Annual Income and Expenditure based on the FIES 1st Round Results towards Improving the Timeliness of Official Poverty Statistics, UNDP-NSCB Project, December 2007 – December 2008

Duties and Responsibilities: Develop a model for estimating household annual per capita income and expenditure.

Role: Consultant

Project Title: Intercensal Small Area Estimation of Poverty Measures, World Bank-NSCB Project, December 2006 – December 2008

Duties and Responsibilities: Develop a model for estimating small area poverty measures during the non-censal year.

Role: Project Leader

Project Title: Development of an Estimation Procedure in Generating Barangay Level Poverty Statistics, UPLB Basic Research, September 2004 – August 2005

Duties and Responsibilities: Develop a model using survey, census and administrative data to estimate barangay level statistics related to poverty

Role: Consultant

Project Title: Modelling Vulnerability of Filipinos in Poverty, NSCB Project, December, 2004 – May 2005

Duties and Responsibilities: Develop a model using survey data to estimate vulnerability of Filipinos in Poverty

Role: Consultant

Project Title: Small Area Estimation of Philippines Provincial Poverty Incidence Using the 2003 FIES Data, NSO Project, September – December, 2004

Duties and Responsibilities: Develop a model using 2003 FIES, 2000 census and administrative data to estimate provincial poverty incidence

Role: Researcher

Project Title: Estimating Philippine Provincial Poverty Incidence Using Administrative Data, ADB-TA 3656 PHI: Improving Poverty Monitoring Surveys June 2003 – October 2003.

Duties and Responsibilities: Develop a model using census and administrative data to estimate small area statistics related to poverty

Role: Project Leader

Project Title: Targeting the Poor in the Philippines, ADB-TA 3656 PHI: Improving Poverty Monitoring Surveys June 2002 – May 2003.

Duties and Responsibilities: Develop a model to estimate small area statistics related to poverty

Role: Project Leader

Project Title: Development of Database System for the 200-Village project Household Survey conducted by the ASIAN NGO Coalition (ANGOC) for Agrarian Reform and Development, ANGOC funded project, June 21 – September 21, 1999.

Duties and Responsibilities: Design a database system and develop a software for encoding the survey data.

Role: PhD Student

Project Title: Small Area Estimation of Provincial Poverty Incidence in the Philippines, Dissertation submitted as a partial requirement of PhD degree in Statistics. March, 1999.

Role: Study Leader

Project Title: Study under the project entitled "Profile and Manpower Contribution to Production of Special Sectors of the Philippine Population", Study 4: Senior Citizens. UNFP - NSO Funded, September 1995 - May 1996.

Duties and Responsibilities: Processed data sets from National Statistics Office (NSO) to be used by the project. Also, served as programmer of the project for data analyses.

Role: Programmer

Project Title: Estimation of the Annual Income based on the First Visit Income, NSO Project, September 1994 - January 1995

Duties and Responsibilities: Processed data sets from National Statistics Office (NSO) to be used by the project.

Role: Programmer

Project Title: Analysis of the 1994 Achievement Tests, DECS Project, September 1994 - October 1994

Duties and Responsibilities: Processed data sets from Department of Education and Culture (DECS) to be used by the project.

Role: Researcher

Project Title: Industrial Uses of Corn, PSA-ASAP Project Dec 15, 1993 - July 14, 1994

Duties and Responsibilities: Processed data sets from National Statistics Office (NSO) to be used by the project. Also, served as programmer of the project for data analyses.

Role: Research Assistant

Project Title: Technical Change, Land Quality and Income Distribution: A General Equilibrium Analysis, Australian Centre for International Agricultural Research, Project No. 8838, June 1990 - May 1992

Duties and Responsibilities: Processed data sets from Philippines and Thailand to be used by the project. Also, served as programmer of the project for data analyses.

Role: Study Leader

Project Title: Forecasting Bias in Corn Projections, IMSP Research Project Oct, 1989 - Sept 1990

Duties and Responsibilities: Processed data sets from Bureau of Agricultural Statistics (BAS) to be used by the project. Also, served as programmer of the project for data analyses.

Role: MS Student

Project Title: Statistical Properties Of Flexible Student Functional Forms In Modeling Rice Input Demand And Output Supply. Thesis submitted as a partial requirement of Master's degree in Statistics. March, 1987.

Role: Study Leader

Project Title: Study under the project entitled "Stochastic Modeling of Geophysical Data", Study 3: Generation of Synthetic Data for Ungaged Watersheds. IMSP Research Projects June, 1985.

Duties and Responsibilities: Developed algorithms for generating synthetic data for ungaged watersheds.

Role: Undergraduate Student

Project Title: Verification of the Standard for Sizing Student Women's Apparel Using the UPLB Men's Residence Hall Female Population. Special problem submitted as partial requirement for the Bachelor's degree in Statistics. November, 1981.
