
Pin Ng, Ph.D.
Associate Professor
Business Administration
The W. A. Franke College of Business
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Professional Interests

Research Interests

Econometrics, Urban/Regional Economics, Computational Statistics

Teaching Interests

Econometrics, Applied Econometrics, Business Statistics, Principles of Economics, Intermediate Microeconomics

Academic Background

Ph.D. University of Illinois, Champaign, IL 61820, Economics, 1989

B.A. University of Minnesota, Duluth, MN 55812, Economics, 1984

Other Singapore Polytechnic, Singapore, Singapore, Electronics and Communication Engineering, 1979

Memberships

American Economics Association

American Statistical Association

Econometric Society

Computer Skills

(A) Statistical and Econometric Software: R, S, SAS, SPSS, STATA, SHAZAM, SYSTAT, TSP, RATS, Minitab

(B) Operating Systems: UNIX, Window XP, Mac OS X

(C) Programming Languages: FORTRAN, VBA, RATFOR

(D) Others: Microsoft Office Suite, LaTeX, HTML

WORK EXPERIENCE

Academic Experience

Associate Professor, College of Business Administration, Northern Arizona University (August, 2004 - Present).

Assistant Professor, College of Business Administration, Northern Arizona University (August, 2001 - July, 2004). Designed a web-enhanced undergraduate course Quantitative Methods using an interpretive approach to Business Statistics. Emphasis was placed on the basic foundation of statistical concepts rather than the mechanical applications of statistical formulae to data. Statistical results were obtained through the use of Excel so that more attention and

effort were directed towards the interpretation of the results and their implications in realistic situations. At the end of the course, students acquired a sound understanding of the stochastic nature of the various estimating and testing procedures, felt comfortable about applying the various statistical techniques to real problems, became competent in performing statistical analysis in Excel, learned good business report writing skill, acquired skills needed to work effectively in a team environment and became effective self-learners.

Lecturer, Department of Economics, University of Illinois (August, 1997 - July, 2001). Headed an educational technology redesign team to restructure an undergraduate course Statistics for Business and Economics II with approximately 2000 annual enrollment. The redesigned course makes heavy use of the Internet with web quizzes, web-based conferencing, and online office hours to enhance student learning. The results are much improved student learning measured by their performance in exams and graded project reports, higher student satisfaction as revealed through students feedback in focus group surveys, and more than 50% reduction in the number of graduate teaching assistants needed. Riding on the success, the same concept is currently being ported to Statistics for Business and Economics I, Principles of Macroeconomics and Intermediate Microeconomic Theory.

Assistant Professor, Department of Economics, University of Houston (August, 1989 - July, 1997). Taught undergraduate courses, Statistics for Business and Economics, Empirical Economic Analysis, Introduction to Econometrics, and graduate courses Quantitative Economic Analysis, Econometric Theory and Applied Econometrics. Designed computer homework using EXCEL for Windows and S-plus for UNIX.

Visiting Assistant Professor, Department of Economics, University of Illinois (August, 1994 - May, 1995). Supervised 32 graduate teaching assistants in 65 separate sections of an undergraduate course Statistics for Business and Economics II with over 1500 enrollments. Responsibility included coordinating progress of all 65 separate sections, writing common examinations, designing computer homework using SYSTAT, mitigating student complaints, etc. Also taught a graduate course in Introduction to Econometrics.

Programmer for the DRI and IMF databases, Bureau of Economics and Business Research (June, 1988 - May, 1989). Maintained and supported the DRI and IMF databases which included writing FORTRAN front-end interface for the databases.

Econometric Consultant, Computing Services Office, University of Illinois (June, 1988 - May, 1989). Provided consulting services to the university community on models building, choices of estimation, testing and forecasting techniques, and preliminary program debugging.

Research Assistant for Roger W. Koenker, Department of Economics, University of Illinois (August, 1987 - May, 1988). Implemented regression quantile and robust statistical procedures that involved programming in S-plus, FORTRAN and RATFOR. Performed large-scale computer simulations on Cray's XMP supercomputer to study the behavior of various estimation techniques.

Teaching Assistant, Department of Economics, University of Illinois (August, 1984 - May, 1987). Taught Principle of Economics, Economic Statistics I & II.

Courses Taught

- Advanced Econometrics (graduate)
- Applied Econometrics (graduate)
- Customers, Markets, and Organizations (MBA)
- Econometric Theory (graduate)
- Intermediate Business Statistics
- Intermediate Microeconomic Theory
- Introduction to Econometrics
- Introduction to Empirical Economics

Principles of Economics
Principles of Economics: Micro
Professional Development □ Business Statistics (MBA)
Quantitative Methods
Quantitative Economic Analysis (graduate)
Statistics for Business and Economics

INTELLECTUAL CONTRIBUTIONS:

Refereed Articles

- Ng, P. & Yan, Y. (2008). Evaluation Of Human Bioclimates Using Quantile Regression: A China Case Study. *Physical Geography, 29 (5)*, 387-403.
- Ng, P. & Maechler, M. (2007). A Fast and Efficient Implementation of Qualitatively Constrained Quantile Smoothing Splines. *Statistical Modelling: An International Journal, 7 (4)*, 315-328.
- Lockwood, C., Ng, P., & Pinto, J. (2007). An Interpretive Business Statistics Course Encompassing Diverse Teaching and Learning Styles. *Academy of Educational Leadership Journal, 11 (1)*, 11-24.
- Gunderson, R. & Ng, P. (2006). Summarizing the Effect of a Wide Array of Amenity Measures into Simple Components. *Social Indicators Research, 79 (2)*, 313-335.
- Gunderson, R. & Ng, P. (2005). Analyzing the Effects of Amenities, Quality of Life Attributes and Tourism on Regional Economic Performance Using Regression Quantiles. *Journal of Regional Analysis and Policy, 35*, 1-22.
- Koenker, R. & Ng, P. (2005). Inequality Constrained Quantile Regression. *Sankhya, the Indian Journal of Statistics, 67*, 418-440.
- Koenker, R. & Ng, P. (2005). A Frisch-Newton Algorithm for Sparse Quantile Regression. *Acta Mathematicae Applicatae Sinica (English series), 21 (2)*, 225-236.
- Koenker, R. & Ng, P. (2003). SparseM: A Sparse Matrix Package for R. *Journal of Statistical Software, 8*.
- Pinto, J., Ng, P., & Allen, D. (2003). Logical Extremes, Beta and the Power of the Test. *Journal of Statistics Education, 11 (1)*.
- Bera, A. & Ng, P. (2002). Robust Misspecification Tests for Heteroskedasticity and Autocorrelation in the Multiple Regression Model. *Journal of the Indian Society for Probability and Statistics, 6*, 78-96.
- Craig, S. & Ng, P. (2001). Using Quantile Smoothing Splines to Identify Employment Subcenters in a Multicentric Urban Area. *Journal of Urban Economics, 49*, 100-120.
- He, X. & Ng, P. (1999). COBS: Qualitatively Constrained Smoothing via Linear Programming. *Computational Statistics, 14*, 315-337.
- He, X. & Ng, P. (1999). Quantile Splines with Several Covariates. *Journal of Statistical Planning and Inference, 75*, 343-352.
- He, X., Ng, P., & Portnoy, S. (1998). Bivariate Quantile Smoothing Splines. *Journal of Royal Statistical Society, 60*, 537-550.
- Koenker, R. & Ng, P. (1996). A Remark on Bartels and Conn's Linearly Constrained Discrete L1 Algorithm. *ACM Transaction on Mathematical Software, 22*, 493-495.
- Ng, P. (1996). An Algorithm for Quantile Smoothing Splines. *Computational Statistics and Data Analysis, 22*, 99-118.
- Bera, A. & Ng, P. (1995). Tests for Normality Using Estimated Score Function. *Journal of Statistical Computation and Simulation, 52*, 273-287.

- Ng, P. (1995). Finite Sample Properties of Adaptive Regression Estimators. *Econometric Reviews*, 14, 267-297.
- Koenker, R., Ng, P., & Portnoy, S. (1994). Quantile Smoothing Splines. *Biometrika*, 81, 673-680.
- Ng, P. (1994). Smoothing Spline Score Estimator. *SIAM Journal of Scientific Computing*, 15, 1003-1025.
- Ng, P. & Heidari, A. (1992). Forecast Comparison of Exchange Rate Models with Kalman Filter. *Technological Forecasting and Social Change*, 41, 435-443.
- Ng, P. & Sickles, R. (1990). XploRe'-ing the World of Nonparametric Analysis. *Journal of Applied Econometrics*, 5, 293-298.

Refereed Proceedings

Full Paper

- Ng, P. & Yan, Y. Y. (2008). Using Quantile Regression to Evaluate Human Thermal Climates in China. *2008 Far Eastern and South Asian Meeting of the Econometric Society*, Singapore Management University.
- Ng, P. (2005). A Fast and Efficient Implementation of Qualitatively Constraint Quantile Smoothing Splines. *The 2005 International Conference on Algorithmic Mathematics and Computer Science*.
- Allen, D., Ng, P., & Pinto, J. (2003). Computational Issues Surrounding The Sharpe's Ratio and Treynors Ratio As Measures of Risk-Adjusted Security Performance. *2003 International Business & Economics Research Conference*, International Business & Economics Research.
- Ng, P. (1993). A Large Sample Normality Test Using the Score Function. *American Statistical Association Proceeding of the Business and Economic Statistics Section*, American Statistical Association, 196-201.
- Koenker, R. & Ng, P. (1992). Computing Quantile Smoothing Splines. *24th Symposium on the Interface*.
- Koenker, R. & Ng, P. (1992). Computing Quantile Smoothing Splines. *Interface 1992, Computing Science and Statistics, Vol 24., 24*, Interface Foundation of North America, 385-388.

Abstract Only

- Du, D., Ng, P., & Zhao, X. (2010). Time and Regime Dependence of Foreign Exchange Exposure. *The 18th Annual Conference on Pacific Basin Finance, Economics, Accounting and Management*.
- Ng, P. & Lew, A. (2009). Quantile Regression Analysis of Visitor Spending: An Example of Mainland Chinese Tourists in Hong Kong. *International Conference on Sustainable and Alternative Tourism*.
- Ng, P. (2006). Fast and Efficient Computations of Constrained Nonparametric Quantile Regression Involving Large Data Sets. *Quantile Regression, LMS Method and Robust Statistics in the 21st Century*.
- Pinto, J. & Ng, P. (2005). Using the Hybrid Approach to Teach Principles of Microeconomics. *2005 International College Teaching Methods & Styles Conference*, ISSN 1548-9205, ISSN 1548-9205.
- Ng, P. (2004). Efficient Computation for Quantile Regression. *The 6th International Chinese Statistical Association International Conference*.
- Ng, P. (2004). Computational Issues in Quantile Regression Involving Large Data. *International Conference on Robust Statistics 2004, Beijing*.

Gunderson, R. & Ng, P. (2004). Analyzing the Effects of Amenities, Quality of Life Attributes and Tourism on Regional Economic Performance Using Regression Quantiles. *35th Annual Conference of the Mid-Continent Regional Science Association*.

Ng, P. & Pinto, J. (2003). Using The Internet To Teach Business Statistics From The Classroom. *10th Scientific Seminar on the Quality of Education: Exchange of Experiences of Cuban and North American Professionals*.

Ng, P. & Koenker, R. (2003). Sparse Linear Algebra for the R Language: SparseM. *Interface 2003 - Computing Science and Statistics, Vol. 35, 35*, Interface Foundation of North America.

Non-Refereed Articles

Ng, P. & Lew, A. (2009). Quantile Regression Analysis of Visitor Spending: An Example of Mainland Chinese Tourists in Hong Kong. *FCB Working Paper Series*.

Ng, P., Pinto, J., & Williams, S. (2008). The Effect Of Learning Styles On Course Performance: A Quantile Regression Analysis. *FCB Working Paper Series (08-02)*.

Ng, P. & Pinto, J. (2008). What Do Regressions Estimate? *FCB Working Paper Series (08-04)*.

Ng, P. & Yan, Y. Y. (2008). Using Quantile Regression to Evaluate Human Thermal Climates in China. *FCB Working Paper Series (08-09)*.

Gunderson, R. & Ng, P. (2005). Summarizing The Effect Of A Wide Array Of Amenity Measures. *FCB Working Paper Series (05-05)*.

Ng, P., Pinto, J., & Lockwood, C. (2005). An Interpretive Business Statistics Course Encompassing Diverse Teaching And Learning Styles. *FCB Working Paper Series ((05-04))*.

Ng, P. (2005). Fast And Efficient Implementation Of Qualitatively Constrained Quantile Smoothing Splines. *FCB Working Paper Series (05-08)*.

Koenker, R. & Ng, P. (2003). A Sparse Implementation of The Frisch-Newton Algorithm. *FCB Working Paper Series (03-03)*.

Ng, P. (2003). Computing Cox's Smoothing Spline Score Estimator. *FCB Working Paper Series (03-07)*.

Koenker, R. & Ng, P. (2003). Inequality Constrained Quantile Regression. *FCB Working Paper Series (03-08)*.

Ng, P. & Pinto, J. (2003). Reducing High Attrition Rate in a Business Statistics Course Using an Interpretive Approach Encompassing Diverse Teaching And Learning Styles. *FCB Working Paper Series (03-11)*.

Bera, A. & Ng, P. (2002). Robust Test for Heteroskedasticity and Autocorrelation in the Multiple Regression Model. *FCB Working Paper Series (02-05)*.

Ng, P., Pinto, J., & Allen, D. (2002). Logical Extremes, Beta and the Power of the Test. *FCB Working Paper Series (02-03)*.

Ng, P. & Smith, J. (2002). The Elasticity of Demand for Gasoline: A Semi-Parametric Analysis. *FCB Working Paper Series (02-33)*.

Book Chapters

Non-Refereed

Koenker, R., Ng, P., & Portnoy, S. (1992). "Nonparametric Estimation of Conditional Quantile Functions", In Yadolah Dodge (Ed.) *Statistical Data Analysis Based on the L1 Norm and Related Methods*. North-Holland.

Koenker, R. & Ng, P. (1992). "Quantile Smoothing Splines", In A.K.Md.E. Saleh (Ed.) *Nonparametric Statistics and Related Topics*. North-Holland.

Book Supplement

- Ng, P. (2009). "Test Bank", *Business Statistics: A First Course 5th Edition*. Prentice Hall/Pearson.
- Ng, P. (2009). "Study Guide", *Business Statistics: A First Course 5th Edition*. Prentice Hall/Pearson.
- Ng, P. (2009). "Instructors Solution Manuals", *Business Statistics: A First Course 5th Edition*. Prentice Hall/Pearson.
- Ng, P. (2008). "Study Guide", *Statistics for Managers Using Microsoft Excel, 5th edition*. Prentice Hall.
- Ng, P. (2008). "Instructors Solution Manuals", *Statistics for Managers Using Microsoft Excel, 5th edition*. Prentice Hall.
- Ng, P. (2008). "Test Bank", *Statistics for Managers Using Microsoft Excel, 5th edition*. Prentice Hall.
- Ng, P. (2007). "Test Bank", *Basic Business Statistics, 11th Edition*. Prentice Hall/Pearson.
- Ng, P. (2007). "Instructors Solution Manuals", *Basic Business Statistics, 11th Edition*. Prentice Hall/Pearson.
- Ng, P. (2007). "Study Guide", *Basic Business Statistics, 11th Edition*. Prentice Hall/Pearson.
- Ng, P. (2006). "Test Bank", *Basic Statistics: A First Course 4th Edition*. Prentice Hall.
- Ng, P. (2006). "Study Guide", *Basic Statistics: A First Course 4th Edition*. Prentice Hall.
- Ng, P. (2006). "Instructors Solution Manuals", *Business Statistics: A First Course 4th Edition*.
- Ng, P. (2005). "Study Guide", *Basic Business Statistics, 10th Edition*. Prentice Hall/Pearson.
- Ng, P. (2005). "Instructors Solution Manuals", *Basic Business Statistics, 10th Edition*. Prentice Hall/Pearson.
- Ng, P. (2005). "Test Bank", *Basic Business Statistics, 10th Edition*. Prentice Hall/Pearson.
- Ng, P. (2004). "Study Guide", *Statistics for Managers Using Microsoft Excel, 4th edition*. Prentice Hall.
- Ng, P. (2004). "Instructors Solution Manuals", *Statistics for Managers Using Microsoft Excel, 4th edition*. Prentice Hall.
- Ng, P. (2004). "Test Bank", *Statistics for Managers Using Microsoft Excel, 4th edition*. Prentice Hall.
- Ng, P. (2003). "Study Guide", *Basic Business Statistics, 9th edition*. Prentice Hall.
- Ng, P. (2003). "Instructors Solution Manuals", *Basic Business Statistics, 9th edition*. Prentice Hall.
- Ng, P. (2003). "Test Bank", *Basic Business Statistics, 10th Edition*. Prentice Hall.
- Ng, P. (2003). "Powerpoint Slides", *Basic Business Statistics, 9th edition*. Prentice Hall.
- Ng, P. (2002). "Study Guide", *Business Statistics: A First Course, 3rd Edition*. Prentice Hall.
- Ng, P. (2002). "Instructors Solution Manuals", *Basic Statistics: A First Course, 3rd Edition*. Prentice Hall.
- Ng, P. (2002). "Test Bank", *Business Statistics: A First Course, 3rd Edition*. Prentice Hall.
- Ng, P. (2002). "Powerpoint Slides", *Business Statistics: A First Course, 3rd Edition*. Prentice Hall.

Presentation of Refereed Papers

International

Du, D., Ng, P., & Zhao, X. (2010). *Time and Regime Dependence of Foreign Exchange Exposure*. The 18th Annual Conference on Pacific Basin Finance, Economics, Accounting and Management, Beijing, China.

- Ng, P. & Lew, A. (2009, July). *Quantile Regression Analysis of Visitor Spending: An Example of Mainland Chinese Tourists in Hong Kong*. International Conference on Sustainable and Alternative Tourism, Yangshuo, China.
- Ng, P. & Yan, Y.Y. (2008, July). *Using Quantile Regression to Evaluate Human Thermal Climates in China*. 2008 Far Eastern and South Asian Meeting of the Econometric Society, Singapore, Singapore.
- Ng, P. (2006, June). *Fast and Efficient Computations of Constrained Nonparametric Quantile Regression Involving Large Data Sets*. Quantile Regression, LMS Method and Robust Statistics in the 21st Century, Edinburgh, Scotland.
- Ng, P. (2006, June). *RXL - A Free Excel Add-in for Introductory Business Statistics*. The R User Conference 2006, Vienna, Austria.
- Ng, P. (2004, July). *Computational Issues in Quantile Regression Involving Large Data*. International Conference on Robust Statistics, Beijing, China.
- Allen, D., Ng, P., & Pinto, J. (2003, October). *Computational Issues Surrounding the Sharpe's Ratio and Treynor's Ratio As Measures of Risk-Adjusted Security Performance*. 2003 International Business & Economics Research Conference, Las Vegas, Nevada.
- Ng, P. & Pinto, J. (2003, October). *Using The Internet To Teach Business Statistics From The Classroom*. 10th Scientific Seminar on the Quality of Education: Exchange of Experiences of Cuban and North American Professionals, Havana, Cuba.
- Ng, P. (1999, July). *Using Quantile Smoothing Splines to Identify Employment Subcenters in a Multicentric Urban Area*. Far Eastern Econometric Society Meeting, Singapore, Singapore, Singapore.
- Ng, P. & Smith, J. (1995, August). *The Elasticity of Demand for Gasoline: A Semi-Parametric Analysis*. Econometric Society 7th World Congress, Tokyo, Japan.

National

- Ng, P. & Pinto, J. (2005, September). *Using the Hybrid Approach to Teach the Principles of Microeconomics*. The 2005 International College Teaching Methods & Styles Conference, Reno, Nevada.
- Koenker, R. & Ng, P. (1992, March). *Computing Quantile Smoothing Splines*. 24th Symposium on the Interface, College Station, Texas.

Regional

- Gunderson, R. & Ng, P. (2005, April). *Summarizing the Effect of a Wide Array of Amenity Measures into Simple Components*. The 2005 Mid-Continent Regional Science Association Annual Conference, Arlington, Virginia.
- Gunderson, R. & Ng, P. (2004, June). *Analyzing the Effects of Amenities, Quality of Life Attributes and Tourism on Regional Economic Performance Using Regression Quantiles*. 35th Annual Conference of the Mid-Continent Regional Science Association, Madison, Wisconsin.

Presentation of Non-Refereed Papers

International

- Ng, P. & Yu, K. (2010). *Bayesian Semi-parametric Quantile Regression for Longitudinal Data*. International Conference on Statistical Analysis of Complex Data, Kunming, China.
- Ng, P., Wong, W., & Xiao, Z. (2009, July). *Stochastic Dominance via Quantile Regression*. 2009 International Conference on Financial Statistics and Financial Econometrics, Chengdu, China.
- Ng, P. (2008). *Using Quantile Regression to Evaluate Human Thermal Climates in China*. Seminar at the Institute of Economics, Academia Sinica, Taipei, Taiwan.

- Ng, P. (2008, March). *Using Quantile Regression to Evaluate Human Thermal Climates in China*. Seminar at the National Dong Hwa University, Hualien, Taiwan.
- Ng, P. (2007). *The Effect of Learning Styles on Course Performance: A Quantile Regression Analysis*. Seminar at the Wang Yanan Institute for Studies in Economics, Xiamen University, Xiamen, China.
- Ng, P. (2005, June). *A Fast and Efficient Implementation of Qualitatively Constraint Quantile Smoothing Splines*. The 2005 International Conference on Algorithmic Mathematics and Computer Science, Las Vegas, Nevada.
- Ng, P. (2004, July). *Efficient Computation for Quantile Regression*. The 6th International Chinese Statistical Association International Conference, Singapore, Singapore.
- Koenker, R. & Ng, P. (2002, August). *A Sparse Implementation of the Frisch-Newton Algorithm for Quantile Regression*. Fourth International Conference on Statistical Data Analysis Based on the L1-Norm and Related Methods, Neuchâtel, Swaziland.
- Koenker, R., Ng, P., & Portnoy, S. (1992, August). *Nonparametric Estimation of Conditional Quantile Functions*. Second International Conference on Statistical Data Analysis Based on the L1-Norm and Related Methods, Neuchâtel, Switzerland.
- Koenker, R. & Ng, P. (1991, May). *Quantile Smoothing Splines*. International Symposium on Nonparametric Statistics and Related Topics, Ottawa, Canada.

Local

- Donoho, C., Ng, P., Reudiger, S., & Rudy, J. (2009, October). *Fronsk Health Center 2003-Social Marketing at Northern Arizona University*. FCB Brown Bag Series presentation, Flagstaff, Arizona.
- Ng, P. (2008). *Repeat Tourists Spending Behavior in Hong Kong*. FCB Brown Bag Series presentation, Flagstaff, Arizona.
- Ng, P. (2006). *How Can a Classroom Performance System (Clickers) Enhance Students Learning?* Northern Arizona University Franke College of Business Brown Bag Series, Flagstaff, Arizona.
- Ng, P. (2006). *Teaching International Student: NAU's Chinese Partnership*. Northern Arizona University International Office Panel Discussion, Flagstaff, Arizona.
- Ng, P. (2006). *Undertaking Classroom-Based Research*. Rountable Discussion Organized by Faculty Development, Northern Arizona University, Flagstaff, Arizona.
- Ng, P. (2005). *Managing Grade Book, Etc. on WebCT*. Northern Arizona University Franke College of Business Brown Bag Series, Flagstaff, Arizona.
- Ng, P. (2005). *Classroom Response Systems Being Used at NAU*. NAU Faculty Showcase, Flagstaff, Arizona.
- Ng, P. (2005). *A Hybrid Approach to Teaching the Principles of Economics*. NAU Faculty Showcase, Flagstaff, Arizona.
- Ng, P. (2005). *Assessment of the Hybrid Approach to Teach Principles of Microeconomics*. NAU Faculty Showcase, Flagstaff, Arizona.
- Ng, P. (2004). *Reducing High Attrition Rate in a Business Statistics Course Using an Interpretative Approach Encompassing Diverse Teaching and Learning Styles*. NAU Faculty Showcase, Flagstaff, Arizona.
- Ng, P. (2004). *Analyzing the Effects of Amenities, Quality of Life Attributes and Tourism on Regional Economic Performance Using Regression Quantiles*. Tourism Group Seminar at NAU, Flagstaff, Arizona.
- Ng, P. & Pinto, J. (2003). *An Interpretative Approach to Teaching Business Statistics*. Assessment Fair at NAU, Flagstaff, Arizona.
- Ng, P. & Pinto, J. (2003). *Teaching Business Statistics Using WebCT (Web Click Technology): An Interpretative Approach to Teaching Business Statistics*. Northern Arizona University Franke College of Business Brown Bag Series, Flagstaff, Arizona.

- Ng, P. (2003). *SparseM: A Sparse Matrix Package for R*. Northern Arizona University Franke College of Business Brown Bag Series, Flagstaff, Arizona.
- Ng, P. (2003). *A Sparse Implementation of Multivariate Quantile Regressions*. Northern Arizona University Franke College of Business Brown Bag Series, Flagstaff, Arizona.
- Ng, P. & Pinto, J. (2002). *Faculty Improving Student Achievement Success (FISAS)*. Faculty Improving Student Achievement Success Workshop, Flagstaff, Arizona.
- He, X. & Ng, P. (1997, February). *Qualitatively Constrained Smoothing Via Linear Programming*. 2nd Texas Econometric Camp, Port Aransas, Texas.
- Craig, S. & Ng, P. (1996, February). *Quantile Estimation of Population and Employment Densities*. 1st Texas Econometric Camp, Boerne, Texas.

National

- Koenker, R. & Ng, P. (2003, March). *Sparse Linear Algebra for the R Language: SparseM*. 35th Symposium on the Interface, Salt Lake City, Utah.

Research Grants

Funded

- 2009 - Ng, P. & Atkins, A., Refining Our Understanding of Beta Through Quantile Regressions (\$5,000), The W.A. Franke College of Business Summer Research Grants.
- 2008 - Ng, P., Stochastic Dominance Test Using Quantile Regression with Applications to iShares (\$5,000), The W.A. Franke College of Business Summer Research Grants.
- 2006 - Ng, P., RXL-A Free Excel Add-in for Introductory Business Statistics (\$6,600), Intramural Grant Program of NAU.
- 2006 - Yu, K., Ng, P., Stander, J., & Feng, Y., Quantile Regression, LMS Method and Robust Statistics in the 21st Century (\$35,150), Co-PI of grant awarded to The International Centre for Mathematical Sciences, the Scottish Higher Education Funding Council and the London Mathematical Society to organize a workshop on 'Quantile Regression, LMS Method and Robust Statistics in the 21st Century,' Edinburgh, Scotland, 19-23 June, 2006, U.K. Engineering and Physical Sciences Research Council Mathematical Sciences Programme.
- 2005 - Ng, P. & Pinto, J., A Proposal to Redesign BA201 to Better Teach Critical Thinking Skills to Students (\$10,000), E-learning Center.
- 2004 - Ng, P., Analyzing the Effects of Amenities, Quality of Life Attributes and Tourism on Regional Economic Performance Using Regression Quantiles (\$5,000), Intramural Grant Program of NAU.
- 2003 - Ng, P. & Pinto, J., A Hybrid Approach to Teaching the Principles of Economics (\$9,000), E-learning Center, NAU.
- 2002 - Ng, P., An Interpretive Approach Utilizing Web Technology to Tackle the High Attrition Rate in a Business Statistics Course (\$1,000), Arizona Board of Regent's Learner-Centered Education Grants.
- 2002 - Ng, P., Efficient Computation of Triogram Smoothing (\$6,000), Intramural Grant Program of NAU.
- 2002 - Ng, P. & Pinto, J., An Interpretive Approach Utilizing Web Technology to Tackle the High Attrition Rate in a Business Statistics Course (\$1,000), Arizona Board of Regent's Learner-Centered Education Grants.
- 2001 - Ng, P., An Interpretive Approach Utilizing Web Technology to Tackle the High Attrition Rate in a Business Statistics Course (\$1,000), Arizona Board of Regent's Learner-Centered Education Grants.
- 2000 - Ng, P., Scholars' Travel Fund Program (\$1,000), University of Illinois.

1999 - Arvan, L. & Ng, P., PEW Grant Program in Course Redesign: Economic Statistics (\$200,000), Pew Charitable Trusts (Program in Course Redesign).

1999 - Hendrick, W. & Ng, P., Provost's Initiative on Teaching Advancement (\$10,000), University of Illinois.

1998 - Ng, P., Redesign of Business and Economics Statistics (Econ 173) (\$50,000), University of Illinois Sloan Center for Asynchronous Learning Environment Grant.

1998 - Ng, P., Educational Technologies Board Grant for the Redesign of Business and Economics Statistics (\$5,000), University of Illinois.

1995 - Ng, P., Econometric Society 7th World Congress Travel Grant (\$1,000), The Econometrics Society.

1992 - Ng, P., President's Research and Scholarship Fund (\$3,000), University of Houston.

1990 - Ng, P., Research Initiation Grant (\$5,000), University of Houston.

Not Funded

2009 - Ng, P. & Zhao, X., Cross-Sectional Relationship between Income and Temperature: New Model and New Data, The W.A. Franke College of Business Summer Research Grants.

2004 - Ng, P., Sparse Linear Algebra for Statistical Computing with Applications to Quantile Regression, National Science Foundation (Methodology, Measurement and Statistics).

2003 - Ng, P., A Sparse Implementation of Multivariate Quantile Regressions, Intramural Grant Program of NAU.

Dissertation

Dissertation

On Estimating the Score Function with Applications to Adaptive Estimations

Commercial Software Developed

2009: Qualitatively Constrained (Regression) Smoothing via Linear Programming and Sparse Matrices. This is a major upgrade to the Ng and Maechler (2006) COBS package (<http://wiki.r-project.org/rwiki/doku.php?id=packages:cran:cobs>) by incorporating efficient computation and memory usage via the implementation of the Sparse Matrix Linear Algebra available in Koenker and Ng's (2009) SparseM (<http://CRAN.R-project.org/package=SparseM>).

2006: COBS: Qualitatively Constrained B-Splines. Popular smoothing techniques generally have a difficult time accommodating qualitative constraints like monotonicity, convexity or boundary conditions on the fitted function. In this paper we bring the problem of constrained spline smoothing to the foreground and describe the details of a constrained B-spline smoothing (COBS) algorithm that is being made available to Splus users. Recent work of He and Shi (1996) considered a special case and showed that the L_1 projection of a smooth function into the space of B-splines provides a monotone smoother that is flexible, efficient and achieves the optimal rate of convergence. Several options and generalizations are included in COBS: it can handle small or large data sets either with user interaction or full automation. Three examples are provided to show how COBS works in a variety of real-world applications.

2003: SparseM: Sparse Linear Algebra. SparseM provides some basic R functionality for linear algebra with sparse matrices. Use of the package is illustrated by a family of linear model fitting functions that implement least squares methods for problems with sparse design matrices. Significant performance improvements in memory utilization and computational speed are possible for applications involving large sparse matrices.

Software Revision

2009: SparseM: Sparse Linear Algebra. This is a minor upgrade for the Koenker and Ng (2003) SparseM package for R (<http://CRAN.R-project.org/package=SparseM>).

Papers Under Review

Ng, P., Pinto, J., & Williams, S. (2010). "THE EFFECT OF LEARNING STYLES ON COURSE PERFORMANCE: A QUANTILE REGRESSION ANALYSIS," Revised and resubmitted to *Academy of Educational Leadership Journal*.

Ng, P. & Zhao, X. (2010). "Income and Temperatures," Initial submission to *ecological economics*.

Atkins, A. & Ng, P. (2010). "Refining Our Understanding of Beta Through Quantile Regressions," Initial submission to *Financial Markets and Portfolio Management*.

Ng, P. & Lew, A. (2009). "QUANTILE REGRESSION ANALYSIS OF VISITOR SPENDING: AN EXAMPLE OF MAINLAND CHINESE TOURISTS IN HONG KONG," Initial submission to *Journal Of Travel Research*.

Ng, P. & Pinto, J. (2009). "WHAT DO REGRESSIONS ESTIMATE?," Initial submission to *Journal is not in list - being petitioned*.

Working Papers

Ng, P., Wong, A., & Xiao, Z. (2008). "Stochastic Dominance Test Using Quantile Regression with Applications to iShares".

Ng, P., Wong, A., & Xiao, Z. (2008). "Risk Measure via Market Return Quantile Regression".

Ng, P. & Smith, J. L. (2002). "THE ELASTICITY OF DEMAND FOR GASOLINE: A SEMI-PARAMETRIC ANALYSIS" targeted for Energy Journal.

Ng, P. (2002). "COMPUTING COX'S SMOOTHING SPLINE SCORE ESTIMATOR" targeted for Communications In Statistics - Simulation And Computation.

SERVICE:

Service to the University

College Assignments

Chair:

2009-2010: Professionalism Recognition Task Force

2006-2007: Innovation

2005-2006: Associate Dean Search Committee at NAU-CBA

Member:

2009-2010: Research Group

2009-2010: MBA Core

2008-2009: Search Committee: Franke Endowed Chair

2008-2009: Curriculum

2008-2009: Franke College of Business Research Group

2008-2009: MBA Review Committee

2007-2008: Curriculum

2007-2008 through 2008-2009: Innovation

2006-2007: Teaching Evaluation Study Group

2006-2007: Search Committee-MKT & MGT Assistant Professor

2006-2007: Curriculum

2005-2006: Curriculum

2004-2005: FIN/MGT Faculty Search

2004-2005: Curriculum

2004-2005 through 2005-2006: Intellectual Contributions

2002-2003 through 2003-2004: Curriculum

1997-1998 through 2000-2001: Undergraduate Curriculum Committee at the University of Illinois at Urbana-Champaign

Mentoring Activities:

2004-2005 through 2006-2007: NAU E-Learning Center's E-learning Mentor for the CBA: Faculty mentors engage, for one semester or summer, two or more faculty new to e-Learning principles and activities. The role of the E-Faculty mentor is to work with their colleagues to identify opportunities to make effective and appropriate use of technology to enhance teaching and learning and to consult with their department regarding the technology systems and services available at the University to support their efforts. A mentor may engage an entire department, working with their department chair, to schedule seminars and educational opportunities in the use of technology within their discipline.

Other Institutional Service Activities:

2006-2007: US-China Universities Curriculum Articulation Team for NAU-CBA: Articulated curriculum for the joint 1-2.5-1 degrees between U.S. universities and universities in China. In particular, worked closely with the College of Business at Yunnan University, China to setup a template of articulation for other members in the 1-2.5-1 consortium.

2005-2006: Organized Bilby Speaker Series at NAU-CBA

2002-2003 through 2006-2007: NAU-CBA Seminar Series Organizer

University Assignments

Member:

2008-2009: E-learning Advisory Board: The Advisory Board recommends standards for Web course offerings, selects courses for redesign, reviews and recommends grants during the RFP process, and provides other advisory input in curricular matters

2004-2005: Search Committee for the E-learning Assessment Specialist at NAU: Screened and Interviewed applicants for the university's E-learning Assessment Specialist opening.

2004-2005 through 2006-2007: WebCT Vista Strategic Planning Committee at NAU: To assist with the Vista Upgrade, share responsibility for the Vista implementation project, especially in determining the overall project scope based on a shared vision and goals for using Vista at NAU.

2004-2005 through 2006-2007: Intramural Grant Program Review Committee at NAU: Review grant proposals for the NAU Intramural Grant Program

Service to the Profession

Academic Conference: Discussant

2006: Invited Workshop on 'Quantile Regression, LMS Method and Robust Statistics in the 21st Century', discussant for Gib Bassett's presentation on 'Quantile Regression for Paired Comparisons'. (International).

Academic Conference: Moderator / Facilitator

2006: Invited Workshop on 'Quantile Regression, LMS Method and Robust Statistics in the 21st Century', co-organizer of the 'Quantile Regression, LMS Method and Robust Statistics in the 21st Century' workshop held at the International Centre for Mathematical Sciences, Edinburgh University and Heriot-Watt University, June 19-23, 2006. (International).

2005: The 2005 International Conference on Algorithmic Mathematics and Computer Science, Las Vegas, Nevada (International).

Editor: Special Issue of a PRJ

2007: Statistical Modelling: An International Journal, Guest editor for the special issue on 'Quantile Regressions' for 'Statistical Modelling: An International Journal'. (International).

Invited Lecture

2008: Presentation at Hong Kong City University Organized by Hong Kong-America Center, Some Useful Information for Tourists to China and Hong Kong, Hong Kong, China (International).

2007: Seminar at Hong Kong Baptist University, Title: An Informal Introduction to Quantile Regression, Hong Kong, China (International).

Other Professional Service Activities

2005: University of Plymouth, U.K., External Reviewer for Dr. Keming Yu's application for Readership at the University of Plymouth, U.K. (International).

2002: NAU Faculty Improving Student Achievement Success (FISAS) project, Department: Economics Area, College of Business Administration; Course: BA 201; Team Members: Pin Ng, Jim Pinto; Project Title: An Interpretive Approach to Teaching Business Statistics, Flagstaff, Arizona (Local).

Reviewer: Ad Hoc Reviewer for a Journal

2010: Regional Science and Urban Economics (International).

2010: Economics Bulletin, Acted as a referee for the manuscript 'Heterogeneous credit impacts on healthcare spending of the poor: Quantile treatment effects in Vietnam' (International).

2009: Biometrika, Acted as a referee for the manuscript 'Non-crossing quantile regression curve estimation' (International).

2009: Journal of Educational and Behavioral Statistics, Acted as a referee for the manuscript 'Goodness of Fit and Misspecification in Quantile Regression' (International).

2007: Statistics and Computing (International).

2007: TEST, A Journal of the Spanish Statistical Society (International).

2007: Tourism Geographies (International).

2006-2007: Computational Statistics and Data Analysis (International).

2006: Journal of the American Statistical Association (International).

2005: Journal of Statistical Software (International).

2005: Journal of Econometrics (International).

2003: Annals of the Institute of Statistical Mathematics (International).

2003: Statistics and Computing (International).

2001: Journal of Economics (International).

2001: Empirical Economics (International).

1999: Communications in Statistics (International).

1998: Econometrics Review (International).

1996: Journal of Applied Econometrics (International).

1995: SIAM Journal on Scientific Computing (International).

1994: Quarterly Journal of Economic (International).

1992: Journal of Business & Economic Statistics (International).

Faculty Development

Research-Related Conference/Seminar

2007: Hong Kong Baptist University Department of Economics Seminar. Sponsor: Hong Kong Baptist University, Department of Economics; Title: Indicators and Indexes of Directional Output Loss and Input Allocative Inefficiency; Speaker: Prof. Hirofumi Fukuyama of Fukuoka University, Japan; Date: 9/13/2007; Duration: 1.5 hrs; Location: WLB805B, Shaw Campus. Hong Kong, China.

2007: Hong Kong Baptist University Department of Economics Seminar. Sponsor: Hong Kong Baptist University, Department of Economics; Title: An Application of the Meta-frontier Cost Function to the Study of Bank Efficiency and Technology Gaps in 16 European Countries; Speaker: Prof. Tai-Hsin Huang of National Chengchi University, Taiwan; Date: 8/28/2007; Duration: 1.5 hrs; Location: WLB805B, Shaw Campus, Hong Kong Baptist University. Hong Kong, China.

2006: Sponsor: Cline Library, Faculty Development Program; Title: Changes in the Field of Scholarly Publishing (Roundtable Discussion); Moderator: Beth Schuck, Cline Library, Coordinator of Content Access and Delivery Services; Date: 3/7/06 Duration: 1.5 hours. Flagstaff, Arizona.

2005: Sponsor: Faculty Development; Title: Publish and Flourish: Become a Prolific Scholar; Speaker: Tara Gray, New Mexico State University; Date: 11/4/05 Duration: 2 hours; University Union, Walnut Room. Flagstaff, Arizona.

2004: Proposal Process: Finding Funding, Proposal Development, NAU Proposal Submission; Date: 9/22/04; Duration: 1.5 hours; Notes/Description: Presented by OGCS/OVP Staff: Andy Miesch, Joanne Stucjus, Cindy Judge. Flagstaff, Arizona.

2004: Sponsor: Sustainable Energy Solutions; Title: Wind Energy Symposium, Tempe, AZ; Date: 1/19/05; Duration: 9 hours . Tempe, Arizona.

2003: Sponsor: Cline Library & Faculty Development Program; Title: U.S. Bureau of the Census: Using Census Data for Funding Proposals; Date: 04/08/2003; Duration: 2 hours; Notes/Description: The workshop provided participants with general information and hands-on experience about the use of census data in Federal funds distribution. Flagstaff, Arizona.

2003: SBIR / STTR Grant Writing Workshop. Sponsor: The Northern Arizona Technology & Business Incubator (NATBI), Arizona Department of Commerce and Northern Arizona University
Title: SBIR / STTR Grant Writing Workshop

Date: 04/29/2003

Duration: 4 hours

Notes/Description: Mark Henry of PBC, a national SBIR / STTR consulting firm discussed topics that included a program overview, locating the correct funding agency, responding to a request for proposal, and organizing grant writing efforts. Flagstaff, Arizona.

2002: Sponsor: NAU Human Resources Title: Grant & Contract Financial Management Date: 04/04/2002 Duration: 4 hr . Flagstaff, Arizona.

2001: Sponsor: Vice Provost for Research and Graduate Studies Title: Intramural Grant Workshop Date: 09/04/2001 Duration: 1 hr . Flagstaff, Arizona.

2001: Sponsor: The Office of Grant and Contract Services; Title: NSF Grant Proposal Review; Date: 11/14/2001; Duration: 1 hr ; Speaker: Dr. Larry Fritz, NAU faculty member. Flagstaff, Arizona.

Instructional-Related Conference

2009: NAU Faculty Development Workshop. Sponsor: The Office of the Provost; Title: Faculty Book Discussion: Generation Me; Speaker: Professor Jean Twenge of San Diego State University; Date: 3/23/2009; Duration: 1 hr; Location: Cline Library Assembly Hall, Northern Arizona University. Flagstaff, Arizona.

2009: NAU Faculty Development Workshop. Sponsor: The Office of the Provost; Title: Academic Bullying: Practical Strategies for Faculty; Speaker: Mary Chavez Rudolph, PhD, University Ombuds, University of Colorado-Denver and Tom Sebok, University Ombuds, University of Colorado-Boulder; Date: 3/26/2009; Duration: 2 hr; Location: ARD Pod 174, Northern Arizona University. Flagstaff, Arizona.

2009: NAU Faculty Development Workshop. Sponsor: The Office of the Provost; Title: What Can We Learn From and About Generation Me?; Speaker: Professor Jean Twenge of San Diego State University; Date: 3/27/2009; Duration: 2 hr; Location: University Union Havasupai A/B/C, Northern Arizona University. Flagstaff, Arizona.

2008: NAU Faculty Development Workshop. Sponsor: The Office of the Provost; Title: How can research on learning inform our teaching? The Science of Education in the 21st Century: Insights from Science Education; Speaker: Prof. Carl Wieman of University of British Columbia, 2001 Nobel Laureate in Physics; Date: 10/10/2008; Duration: 2 hrs; Location: University Union, Havasupai A/B, Northern Arizona University. Flagstaff, Arizona.

2006: 2006 e-Learning Institute. Guest presenters include Dr. Chuck Dziuban, Director, Research Initiative for Teaching Effectiveness (RITE), University of Central Florida, who addressed the evaluation of online and blended (hybrid) learning and their impact on students, faculty, programs, and the University.

Brian Lamb, Emerging Technologies Coordinator in the Office of Learning Technology at the University of British Columbia, and Alan Levine, Director of Technology Resources New Media Consortium, provided the closing address on social software. Flagstaff, Arizona.

2005: Sponsor: Faculty Development Program Title: E-Learning Institute Date: 5/24/05 - 5/27/05 Duration: 29 hours . Flagstaff, Arizona.

2004: Sponsor: Faculty Development Program; Title: Starlink: Teaching Critical Thinking Skills Across the Curriculum; Date: 12/1/2004; Duration: 1.5 hours . Flagstaff, Arizona.

Professional Seminars / Workshops

2008: Higher Education and the Changing World of Work. Sponsor: Hong Kong America Center; Title: Higher Education and the Changing World of Work: A Strategic Planning Workshop for University Leaders in Hong Kong, Ten Lessons from the Future; Speaker: Wolfgang Grulke; Date: 5/23/2008; Duration: 3 hrs; Location: Room AG 701, The Hong Kong Polytechnic University. Hong Kong, China.

2007: NAU Faculty Development Workshop. Sponsor: NAU Faculty Development Program; Title: What Makes a Winning Proposal? Speaker: Baryn Boess; Date: 3/9/2007; Duration: 4 hrs; Location: Agassiz Room, duBois Conference Center. Flagstaff, Arizona.

2007: Sponsor: Hong Kong Baptist University; Title: The Art of Grantsmanship; Speaker: Prof. Ah-chung Tsoi, Vice President of Hong Kong Baptist University; Date: 9/10/2007; Duration: 2 hrs; Location: NAB209, Shaw Campus. Hong Kong, China.

2006: Sponsor: Office of the Provost, Vice Provost for Undergraduate Studies, and Faculty Development Program; Title: Retention: Is it Really Faculty Work?; Speaker: Connie Staley, University of Colorado, Colorado Springs; Date: 3/3/06; Duration: 1.5 hours; University Union, Havasupai A & B . Flagstaff, Arizona.

2006: NAU Faculty Development Program. Sponsor: Faculty Development Program
Title: Using Rubrics to Evaluate Student Work
Speakers: Cynthia Conn and Paula Garcia, Office of Academic Assessment and Paula Garcia
Date: 9/25/06
Duration: 1.5 hours
Location: duBois Conference Center, Southwest Room. Flagstaff, Arizona.

2006: Sponsor: The Office of the Provost; Title: Scanning the Future: Seven Revolutions That Will Impact Us All Webcast and lunch discussion; Speaker: Erik R. Peterson; Date: 10/13/2006; Duration: 3 hrs; Location: Cline Library, Room 200. Flagstaff, Arizona.

2005: Sponsor: Faculty Development Program; Title: Engaging Students in Critical Reasoning: An Introduction; Date: 2/11/05; Duration: 2 hours . Flagstaff, Arizona.

2005: Sponsor: Center for Research, Assessment and Development of Learning in Electronic Environments; Title: Faculty Work Session On Developing Self-Assessment Of Web Courses; Date: 2/17/05; Duration: 2 hours. Flagstaff, Arizona.

2005: Sponsor: Faculty Development Program; Title: Promote Student Ethical Development Audio Conference; Date: 2/23/05; Duration: 1.5 hours . Flagstaff, Arizona.

2005: Sponsor: Center for Research, Assessment and Development of Learning in Electronic Environments; Title: Creating Effective Test Questions; Date: 3/17/05; Duration: 2 hours . Flagstaff, Arizona.

2005: Sponsor: Faculty Development Program; Title: Teaching Controversial Issues Roundtable Discussion; Date: 3/29/05; Duration: 1.5 hours . Flagstaff, Arizona.

2005: Sponsor: Faculty Development Program; Title: Student Evaluations Roundtable Discussion; Date: 4/26/05; Duration: 1.5 hours . Flagstaff, Arizona.

2005: Sponsor: Faculty Development; Title: Meeting Generation NeXt: Today's Postmodern Student; Speaker: Mark Taylor, Arkansas State University; Date: 9/19/05; Duration: 2 hours; University Union, Havasupai A & B . Flagstaff, Arizona.

2005: Sponsor: Office of Academic Assessment and E-Learning Center Title: Using Assessment for Improvement of Student Learning Conversation on Best Practices Date: 9/14/05 Duration: 2 hours. Flagstaff, Arizona.

2004: Sponsor: Office of Academic Assessment & Faculty Development Program; Title: Using Assessment for Improvement of Student Learning; Date: 9/22/04; Duration: 2 hours. Flagstaff, Arizona.

2004: Sponsor: The University Assessment Committee, the Office of Academic Assessment, the Center for Research, Assessment and Development of Learning in Electronic Environments, Distance Learning Services, and the Faculty Development Program; Title: Developing a Degree Program Assessment Plan; Date: 10/6/04; Duration: 2 hours . Flagstaff, Arizona.

2004: Sponsor: Center for Research, Assessment and Development of Learning in Electronic Environments, the Office of Academic Assessment and the Faculty Development Program; Title: Learner Centered Education in Online Classes; Date: 10/27/04; Duration: 2 hours. Flagstaff, Arizona.

2004: Sponsor: CTCL; Title: Fruitful Discussions in Online and Hybrid Courses; Date: 11/4/04; Duration: 2 hours . Flagstaff, Arizona.

2004: Sponsor: CTCL; Title: Academic Integrity in an Electronic Age; Date: 11/18/04; Duration: 2 hours . Flagstaff, Arizona.

2004: Sponsor: Center for Research, Assessment, and Development of Learning in Electronic Environments; Title: Faculty Showcase: E-Learning at NAU-Anything but WebCT; Date: 2/19/2004; Duration: 5 hours. Flagstaff, Arizona.

2003: Sponsor: The Faculty Development Program; Title: Learning about Learning; Date: 10/8/2003; Duration: 2 hours; Notes/Description: Presented by Dr. Nidhi Mahendra, University Teaching Center, University of Arizona . Flagstaff, Arizona.

2003: Sponsor: The Office of Academic Assessment & Faculty Development Program; Title: Building Student-Teacher Rapport: Effective Management of Students in and out of the Classroom; Date: 02/11/2003; Duration: 2 hours; Notes/Description: The workshop focused on student management issues in and out of the classroom. Flagstaff, Arizona.

2003: Learner Centered Grant Workshop. Sponsor: Arizona Board of Regents and Faculty Development Program
Title: Learner Centered Grant Workshop
Date: 04/17/2003

Duration: 1.5 hours

Notes/Description: The workshop covered grant requirements, application procedures, and time lines. Flagstaff, Arizona.

2002: NAU Faculty Development Seminar. Sponsor: The Center for Excellence in Education & The Faculty Development Program; Title: Development of a Hybrid Course; Date: 09/18/2002; Duration: 1.5 hours; Notes/Description: The seminar discussed issues involved in developing a hybrid course. Flagstaff, Arizona.

2002: Sponsor: The Faculty Development Program at NAU; Title: Teaching and Assessing for Critical Thinking and Deep Learning; Date: 2/22/2002; Duration: 1 hr; Speaker: Dr. Tom Angelo (via Satellite broadcast) . Flagstaff, Arizona.

2001: Sponsor: Department of Mathematics and Statistics; Title: Business Mathematics With Teams, Projects and Excel; Date: 9/27/2001; Duration: 1 hr; Presented by Dr. Richard B. Thompson, University of Arizona. Flagstaff, Arizona.

2001: Sponsor: The Faculty Development Program, The Office of the Provost at NAU; Title: 'The Politics of Cyberschooling: How Digitalization Can Deform or Transform the University' by Dr. Timothy Luke from Virginia Tech.; Date: 11/6/2001; Duration: 2 hr. Flagstaff, Arizona.

2001: Sponsor: The Faculty Development Program at NAU; Title: Do You Wanna Boogie: Exploring Learning Styles of the Academic Dance; Date: 11/19/2001; Duration: 2 hr 30 min; Notes/Description: Workshop led by Dr. Kathleen F. Gabriel, University of Arizona . Flagstaff, Arizona.

Technology-Related Training

2007: Sponsor: Hong Kong Baptist University Web-based Teaching and Learning; Title: BUMoodle 1.8 Basic Training for Teaching Staff (AY2007-08); Speaker: Jakub C., BU moodle System Analyst, SAMS Training & Research Unit; Date: 9/5/2007; Duration: 2 hrs; Location: SAMS lab, R7, 1/F. Hong Kong, China.

2004: Sponsor: CTEL; Title: BlackBoard Advanced Overview; Date: 11/17/04; Duration: 2 hours . Flagstaff, Arizona.

2004: Sponsor: CTEL; Title: eCollege Presentation; Date: 11/22/04; Duration: 2 hours . Flagstaff, Arizona.

2004: Sponsor: CTEL; Title: WebCT Vista Presentation; Date: 12/3/04; Duration: 2 hours . Flagstaff, Arizona.

2001: Sponsor: NAU's Center for Technology Enhanced Learning; Title: WebCT presentation; Date: 2/14/2002; Duration: 2 hr; Notes/Description: Speaker: WebCT representative Anthony Cyplik. Flagstaff, Arizona.

Honors-Awards-Grants

Award

2008: Fulbright Lecturing/Research Fellowship Award, J. William Fulbright Foreign Scholarship Board.

2008: Recipient of the Franke Professorship, Franke College of Business, Northern Arizona University.

2007: MBA Teacher of the Year, Franke College of Business, Northern Arizona University.

2007: Outstanding Professor, Northern Arizona University Greek Life Students.

2006: E-Learning Scholar, College of Business Administration, Northern Arizona University.

2005: E-Learning Scholar, College of Business Administration, Northern Arizona University.

2004: E-Learning Scholar, College of Business Administration, Northern Arizona University.

2003: E-Learning Scholar, College of Business Administration, Northern Arizona University.

2002: Researcher of the Year, College of Business Administration, Northern Arizona University.
2002: E-Learning Scholar, College of Business Administration, Northern Arizona University.
2001: E-Learning Scholar, College of Business Administration, Northern Arizona University.

References

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