Quality Enhancement Review and
University Graduate Policy Committee (GPC) Review

Placement of Doctoral Recipients 2007(Summer)-2012(Spring), Affiliations, Dissertation titles, Major professors, Publications(partial), Presentations(partial), and Awards(partial).

2012

1) Jordan Cuevas

Email: jcuevas@stat.fsu.edu
Affiliation: United States Military Academy
Thesis: ESTIMATION AND SEQUENTIAL MONITORING OF NONLINEAR FUNCTIONAL RESPONSES USING WAVELET SHRINKAGE
Professor: Eric Chicken

Publications:
1. Cuevas, J. and Chicken, E. (2011). A Trimmed Translation-Invariant Denoising Estimator. *Journal of Statistical Computation and Simulation. To appear.*
2. Pignatiello, J., Chicken, E. and **Cuevas, J.** (2011). Monitoring nonlinear profiles for structural and error changes, in *Proceedings of the 2011 Industrial Engineering Research Conference,* Doolen, T. and Van Aken, E., Eds. *To appear.*

Awards won:
PC & KB Bagui Best Paper Presentation Award, Florida ASA Annual Meeting, 2011
University Fellowship, Florida State University, 2010/11 Academic Year
Wilson-Auzenne Assistantship, Florida State University, 2008/09 and 2011/12 Academic Years

2) Jennifer Geis

Email: jgeis@stat.fsu.edu
Affiliation: Sequenom. San Diego, CA
Thesis: ADAPTIVE CANONICAL CORRELATION ANALYSIS WITH CONSIDERATIONS FOR HIGH DIMENSIONAL MATRICES: A WEIGHTED RANK SELECTION CRITERION APPROACH WITH A HIV/NEU
Professor: Yiyuan She, Florentina Bunea

3) Sebastian Kurtek

Email: skurtek@stat.fsu.edu
Affiliation: Ohio State University, Dept. of Statistics
Thesis: Riemannian Shape Analysis of Curves and Surfaces
Professor: Anuj Srivastava

Publications: 4 peer-reviewed journal, 11 peer-reviewed conference
Number of Presentations: 7 invited, 6 contributed

List of Awards:
1. Graduate Student Research and Creativity Award, Florida State University Graduate School, April, 2012.
2. Best Paper Award, IEEE Workshop on Mathematical Methods in Biomedical Image Analysis (MMBIA), Breckenridge, CO, January, 2012.
3. Student Travel Award, Neural Information Processing Systems (NIPS), Granada, Spain, December, 2011.
4. Runner-Up to the Francois Erbsmann Prize for best paper and presentation by a young researcher, Information Processing in Medical Imaging (IPMI), Irsee, Germany, July, 2011.
5. Student Travel Award, Information Processing in Medical Imaging (IPMI), Irsee, Germany, July, 2011.
6. Yongyuan and Anna Li, Florida State University Department of Statistics. May, 2011.

7. Student Presentation Award Second Prize, Florida Chapter of the American Statistical Association, February, 2009.

4) Jianchang Lin
Email: jlin@stat.fsu.edu
Affiliation: Millennium: The Takeda Oncology Company
Thesis: Semiparametric Bayesian survival analysis using models with log-linear median
Professor: Debajyoti Sinha

Publications: Lin, J., Sinha, D., Lipsitz, S. and Polpo, A. (2012). Semiparametric Bayesian survival analysis using models with log-linear median. ***Biometrics.*** (in press).

Awards won: 1) one of 20 winners for the Biometric Society's Students Travel Award Competition for 2011 Spring Meeting, 2) 2012 SBSS Student Paper Competition for research on Bayesian methodology sponsored by the Section on Bayesian Statistical Science (SBSS) of the American Statistical Association (Jianchang Lin has been one of 4 winners of this competition to receive cash prizes and funding to present his paper in 2012 JSM), and 3) one of 10 finalists of ASA Biometrics Section's 2012 David P. Byar Young Investigator Award, given to a young investigator for best emerging work to be presented at the JSM.

5) Daniel Osborne
Email: dosbone@stat.fsu.edu
Affiliation: Florida A & M University
Thesis: NONPARAMETRIC DATA ANALYSIS ON MANIFOLDS WITH APPLICATIONS IN MEDICAL IMAGING
Professor: Victor Patrangenaru

Publications:
1. L. Ellingson, D. Groisser, D. Osborne, V. Patrangenaru and A. Schwartzman. (2012). Nonparametric Bootstrap of Sample Means of Positive-definite Matrices with an Application to Diffusion Tensor Imaging Data Analysis. *Submitted at Journal of Statistical Planning and Inference.*
2. D. Osborne and V. Patrangenaru(2012). Nonparametric Two-Sample Tests on Homogeneous Riemannian Manifolds, Cholesky Decompositions and Dyslexia Detection from Diffusion Tensor Imaging Outputs. *Major Revision submitted at Journal of Multivariate Analysis.*
3. Chowdhary, R., Zhang, J., Tan, S. L., Osborne, D. E., Bajic, V. B., and Liu, J.S. (2012). PIMiner: a web tool for extraction of Protein Interactions from Biomedical Literature. *International Journal of Data Mining and Bioinformatics* (Revision requested)

Awards Won: The 2012 Yongyuan and Anna Li award winner.

6) Jihyung Shin
Email: jshin@stat.fsu.edu
Affiliation: Korea Information Society Development Institute
Thesis: Mixed-effects and mixed-distribution models for count data with applications to educational research data.
Professor: Xu-Feng Niu

Publications.
1. Carretta H, Chukmaitov A, Beitsch L, Tang A, Shin J (2011, Manuscript Accepted)
Examination of hospital characteristics and patient quality outcomes using three inpatient quality indicators and 30-day all cause mortality, American Journal of Medical Quality
2. Shin H, Shin J, Liu P-Y, Dutton GR, Abood D, Ilich, JZ. (2011, Manuscript Accepted). Self-efficacy in achieving weight loss in overweight/obese postmenopausal women during a 3-month weight loss intervention, Nutrition Research

Conference Presentations:
1.Shin J, Carreta H. (2011) Estimating prevalence of multiple chronic conditions based on health behaviors and its regional differences in the United State, Behavioral Risk Factor Surveillance System, 2009 International Conference on Health Policy Statistics.
2. Shin H, Shin J, Liu P-Y, Douglas CC, Crombie AP, Dutton GR, Abood DA, Ilich JZ. (2008) Self-efficacy in achieving weight loss in overweight/obese postmenopausal women during a 3-month weight loss intervention. Obesity 16:S287.

2011

7) Lindsey Bell

Email:
Affiliation: Coastal Carolina University
Thesis: A STATISTICAL APPROACH FOR INFORMATION EXTRACTION OF BIOLOGICAL RELATIONSHIPS
Professor: Xu-Feng Niu, Jinfeng Zhang

Publications
1. Tingting Zhao, Lindsey Bell, Mark W. Horner, John Sulik, Jinfeng Zhang, Consumer Responses towards Home Energy Financial Incentives: A Survey-Based Study, Energy policy, (2012), 47:291-297.
2. Lindsey Bell, Rajesh Chowdhary, Jun S Liu, Xufeng Niu, Jinfeng Zhang. Integrated bio-entity network: a system for biological knowledge discovery. PLoS ONE, 2011, 6(6): e21474, doi:10.1371/journal.pone.0021474.
3. Lindsey Bell, Jinfeng Zhang, Xufeng Niu. Mixture of logistic models and an ensemble approach for extracting protein-protein interactions. ACM-BCB, 371-375, (2011).
Awards Won: Best First Year Student in Applied Statistics and in Theoretical Statistics in 2008; Student paper competition Award, Florida Chapter of the American Statistical Association, February, 2011.

8) Matthew Dutton

Email:
Affiliation: Florida A&M University
Thesis: INDIVIDUAL PATIENT-LEVEL DATA META-ANALYSIS: A COMPARISON OF METHODS FOR THE DIVERSE POPULATIONS COLLABORATION DATA SET
Professor: Daniel McGee

9) Leif Ellingson

Email:
Affiliation: Texas Tech University
Thesis: STATISTICAL SHAPE ANALYSIS ON MANIFOLDS WITH APPLICATIONS TO PLANAR CONTOURS AND STRUCTURAL PROTEOMICS

Papers in Work
1. L. Ellingson, V. Patrangenaru, P. S. Valentin (2012) Central limit theorems in low dimensional stratified spaces. *In preparation for Proceedings of the First INSPS Conference (Springer).*
Articles Submitted
2. L. Ellingson, D. Groisser, D. Osborne, V. Patrangenaru and A. Schwartzman. (2012). Nonparametric Bootstrap of Sample Means of Positive-definite Matrices with an Application to Diffusion Tensor Imaging Data Analysis. *Submitted at Journal of Statistical Planning and Inference.*
3. L. Ellingson, F. H. Ruymgaart and V. Patrangenaru (2012). Nonparametric Estimation of Means on
Ph.D. graduates 2007-2012 Vic Patrangenaru 2
Hilbert Manifolds and Extrinsic Analysis of Mean Shapes of Contours. *Revision resubmitted at Annals of Statistics.*
4. R. N. Bhattacharya, M. Buibas¸, I. L. Dryden, L. A. Ellingson, D. Groisser, H. Hendriks, S. Huckemann, Huiling Le, X. Liu, J. S. Marron, D. E. Osborne, V. P˘atrˆangenaru, A. Schwartzman, H. W. Thompson,

A.T.A. Wood (2012). Extrinsic Data Analysis on Sample Spaces with a Manifold Stratification. *Accepted at Proceedings of the Seventh Congress of Romanian Mathematicians, Bras¸ov, Romania, 2011*

Refereed Journal Articles Published or Accepted

5. Ellingson, L and Zhang, J. (2012). Protein Surface Matching by Combining Local and Global Geometric Information. *PLoS ONE*. To appear. 6. R. N. Bhattacharya, L. Ellingson, X. Liu and V. Patrangenaru and M. Crane (2012). Extrinsic Analysis on Manifolds is Computationally Faster than Intrinsic Analysis, with Applications to Quality Control by Machine Vision. *Applied Stochastic Models in Business and Industry.* 28, 222-235.

Proceedings papers published

7. M. Buibas, M. Crane, L. Ellingson and V. Patrangenaru (2012). A Projective Frame Based Shape Analysis of a Rigid Scene from Noncalibrated Digital Camera Imaging Outputs. In *JSM Proceedings, 2011, Miami, FL. Institute of Mathematical Statistics, pp.* 4730–4744.

FSU-Staistics Tech Reports.

1. Ellingson, L., Groisser, D., Osborne, D., Patrangenaru, V. and Schwartzman, A. (2012) Nonparametric Bootstrap of Sample Means of Positive-Definite Matrices with an Application to Diffusion-Tensor-Imaging Data Analysis.*Tech report M1005, posted at http://www.stat.fsu.edu/techreports.php.*
2. R. N. Bhattacharya, M. Buibas¸, I. L. Dryden, L. A. Ellingson, D. Groisser, H. Hendriks, S. Huckemann, Huiling Le, X. Liu, J. S. Marron, D. E. Osborne, V. P˘atrˆangenaru, A. Schwartzman, H. W. Thompson, A.T.A. Wood(2012). Extrinsic Data Analysis on Sample Spaces with a Manifold Stratification *Tech report M1003, posted at http://www.stat.fsu.edu/techreports.php.*
3. L. Ellingson, F. Ruymgaart and Vic Patrangenaru Nonparametric Estimation for Extrinsic Mean Shapes of Planar Contours.(2010). *Florida State University-Department of Statistics, Technical Report M998*.

Invited books and monographs in preparation

V. Patrangenaru and L. A. Ellingson (Contract year-2009, Addendum 2012). *Nonparametric Statistics on Manifolds and Their Applications*. Chapman&Hall/CRC, , Monographs on Statistics and Applied Probability. Expected to appear in 2013.

10) Yu Gu

Email:
Affiliation: Boehringer Ingelheim
Thesis: New semiparametric methods for recurrent events data
Professor: Debajyoti Sinha

Publications:

Gu, Y., Banerjee, S., and Sinha, D. (2011), "Analysis of Cure Rate Survival Data Under Proportional Odds Model". *Lifetime Data Analysis*, 123-134.

Awards Won: Best First Year Student in Theoretical Statistics in 2007 (co-winner).

11) Vernon Lawhern

Email: vlawhern@gmail.com
Affiliation: U Texas, San Antonio
Thesis: Statistical Modeling and Applications of Neural Spike Trains
Professor: Wei Wu

(1). Publications

Lawhern, V., Hatsopoulos, N. G., and Wu, W., "Coupling time decoding and trajectory decoding using a target-included model in the motor cortex", Neurocomputing, vol. 82, pp. 117-126, 2012.

Lawhern, V., Nikonov, A. A., Wu, W., and Contreras, R. J., "Spike rate and spike timing contributions to coding taste quality information in rat periphery", Frontiers in Integrative Neuroscience, vol. 5, art. 18, pp. 1-14, 2011.

Lawhern, V., Wu, W., Hatsopoulos, N. G., and Paninski, L., "Population decoding of motor cortical activity using a genralized linear model with hidden states", Journal of Neuroscience Methods, vol. 189, pp. 267-280, 2010.

(2). Presentations

Lawhern, V. and Wu, W. Including Hidden States in Generalized Linear Models, with Applications to Motor Cortical Decoding. The 2009 Florida Chapter of the American Statistical Association (FLASA) Meeting, The University of Central Florida, Orlando, Florida. February 2009.

Nikonov, A., Lawhern, V., and Contreras, R.J. Analysis of Spike Train Variability in Chemosensory Neurons within the Rat Geniculate Ganglion. 2009 Association for Chemoreception Sciences (AChemS) Conference. Sarasota, Florida. April 2009.

Lawhern, V., Wu, W., Hatsopoulos, N. and Paninski, L. Population Neuronal Decoding using a Generalized Linear Model with Hidden States. 2009 Society for Neuroscience (SfN) Conference. Chicago, Illinois. October 2009.

Nikonov, A., Lawhern, V., Wu, W., and Contreras, R.J. Decoding Spike Train Responses by Chemosensory Neurons from Analysis of Spike Count and Temporal Patterns in the Rat Geniculate Ganglion. 2009 Society for Neuroscience (SfN) Conference. Chicago, Illinois. October 2009.

Lawhern, V. and Wu, W. Target-Included Decoding in the Motor Cortex. The Florida Chapter of the American Statistical Association (FLASA) Meeting, The Florida State University, Tallahasse, Florida. February 2010.

Lawhern, V., Hatsopoulos, N.G. and Wu, W. Target-Included Decoding in the Motor Cortex. The 5th International Statistical Analysis of Neuronal Data (SAND) Conference, Pittsburgh, Pennsylvania.
May 2010.

Lawhern, V., Hatsopoulos, N. and Wu, W. Target-Included Decoding in the Motor Cortex. 2010 Society for Neuroscience (SfN) Conference. San Diego, California. November 2010.

Nikonov, A., Lawhern, V.,Wu, W. and Contreras, R. Decoding Spike Train Responses by Chemosensory Neurons from Analysis of Temporal Patterns in the rat Geniculate ganglion. 2010 Society for Neuroscience (SfN) Conference. San Diego, California. November 2010.

(3). Awards

American Statistical Association - First Prize in Student Paper Competition, February 2009

2010 Yongyuan and Anna Li Presentation Award - Given to the Graduate Student who delivers the best student colloquium.

12) Xiaoyun "Nicole" Li
Email:
Affiliation: Merck & Co
Thesis: ANALYSIS OF MULTIVARIATE DATA WITH RANDOM CLUSTER SIZE
Professor: Debajyoti Sinha

Publications:

Li, X., Bandyopadhyay, D., Lipsitz, S.L., and Sinha, D. (2011), “Likelihood methods for binary responses of present components in a cluster”, ***Biometrics***, **67,** 629-635.

13) Wei Liu
Email:
Affiliation:
Thesis: A Riemannian Framework for Annotated Curve Analysis.
Professor: Anuj Srivastava and Jinfeng Zhang

Publications:

1. Modeling Spatial Patterns of Shapes, International Conference on Image Processing (ICIP), San Diego, CA, October 2008. (Anuj Srivastava, W. Liu, and S. H. Joshi).

2. Joint Shape and Texture Analysis of Objects' Boundaries in Images Using a Riemannian Approach, Asilomar Conference on Signals, Systems, and Computers, Pacific Grove, CA, October 2008. (Anuj Srivastava and W. Liu).

3.W. Liu, A. Srivastava, and J. Zheng, A Mathematical Framework for Protein Structure Comparison,PLOS Computational Biology, vol. 7, issue 2, pages: 1-10, February 2011.

4. Protein Structure Alignment Using Elastic Shape Analysis, ACM Conference on Bioinformatics and Computational Biology (ACM-BCB), Niagara Falls, NY, USA, August 2010. (W. Liu. Anuj Srivastava, and J.Zheng).

14) Greg Miller
Email:
Affiliation: Merck
Thesis: INVESTIGATING THE USE OF MORTALITY DATA AS A SURROGATE FOR MORBIDITY DATA
Professor: Dan McGee, Myles Hollander

15) Sentibaleng Ncube
Email:
Affiliation: Nextera Energy Resources
Thesis: A Novel Riemannian Metric for Analyzing Spherical Functions with Applications to HARDI Data
Professor: Anuj Srivastava

Publications

1. A Novel Riemannian Metric for Analyzing HARDI Data, SPIE Medical Imaging Conference on Image Processing, Orlando, FL, February 2011. (S. Ncube and Anuj Srivastava).

2. A Geometric Analysis of ODFs ad Oriented Surfaces for Interpolation, Averaging and Denoising in HARDI Data, IEEE Computer Society's Workshop on Mathematical Methods in Biomedical Image Analysis, Colorado Springs, CO, January 2012. (Anuj Srivastava, S. Ncube, and Q. Xie).

16) Kunle Olumide
Email: kunle.olumide@yale.edu
Affiliation: Yale University
Thesis: A probabilistic and graphical analysis of O.J. Simpson's Murder case using Bayesian networks
Professor: Fred Huffer

AWARDS & HONORS
Recipient of Florida State University Leslie N. Wilson Fellowship (January 2006 – May 2008)
Member, Golden Key International Honor Society

PRESENTATIONS
1. Poster Presentation: **A Probabilistic and Graphical Analysis of O.J. Simpson's Murder case using**

Bayesian Networks at the 8th International Conference on Forensic Inference and Statistics, University of Washington School of Law, Seattle, Washington (Summer 2011).

2. Participated in **American Statistical Association**, Florida chapter, 2009 students paper competition

17) Tamika Royal-Thomas

Email:
Affiliation: Winston-Salem State University
Thesis: Interrelating of Longitudinal Processes: An Empirical Example
Professor: Dan McGee

18) Anqi Tang

Email: atang@stat.fsu.edu
Affiliation: Capital One
Thesis: A CLASS OF MIXED-DISTRIBUTION MODELS WITH APPLICATIONS IN FINANCIAL DATA ANALYSIS
Professor: Xu-Feng Niu

Publications.

1.A. Chukmaitov, N. Menachime, S. Brown, C. Saunders, A. Tang, R. Brooks " Is there a relationship between Physician and Facility Volumes of Ambulatory Procedures and Patient Outcomes? " *The Journal of Ambulatory Care Management*, Vol.31, No. 4, pp.354-369

2. A. Chukmaitov, A. Tang, R. Brooks "A Comparative Study of Financial Performance of Freestanding Ambulatory Surgery Centers and Hospital-based Outpatient Departments: 1997-2004." *International Journal of Public Policy.* Accepted.

3. Tang, A. and Niu, X-F. (2011), A Class of Mixed-Distribution Models with Applications in Financial Data Analysis." In preparation.

19) Feng Zhao

Email:
Affiliation: The Stark Investments, Milwaukee
Thesis: BAYESIAN PORTFOLIO OPTIMIZATION WITH TIME-VARYING FACTOR MODELS
Professor: Xu-Feng Niu

Publications.

Zhao, F., Niu, X-F, Yingmei Cheng (2011), Bayesian Portfolio Optimization with Time-Varying Factor Models." Submitted to *Review of Finance*, Under Review.

2010

20) Muffasir Badshah

Email: muffasir@qu.edu.qa
Affiliation: The Dow Chemical Company
Thesis: Analysis Of The Wealth Distribution At Equilibrium In A Heterogeneous Agent Economy
Professor: Anuj Srivastava, and Paul Beaumont (Department of Economics)

Publications: 3
Number of Presentations: 6

21) Michael Crane
Email:
Affiliation: EPA
Thesis: NONPARAMETRIC ESTIMATION OF THREE DIMENSIONAL PROJECTIVE SHAPES WITH APPLICATIONS IN MEDICAL IMAGING AND IN PATTERN RECOGNITION
Professor: Victor Patrangenaru

Refereed Journal Articles Published
1. R. N. Bhattacharya, L. Ellingson, X. Liu and V. Patrangenaru and M. Crane (2012). Extrinsic Analysis on Manifolds is Computationally Faster than Intrinsic Analysis, with Applications to Quality Control by Machine Vision. *Applied Stochastic Models in Business and Industry.* 28, 222-235.
2. M. Crane and V. Patrangenaru. (2011). Random Change on a Lie Group and Mean Glaucomatous Projective Shape Change Detection From Stereo Pair Images. *Journal of Multivariate Analysis.* 102, 225-237.

Proceedings papers published
3. V. Patrangenaru, M. A. Crane, X. Liu, X. Descombes, G. Derado, W. Liu, V. Balan, V. P. Patrangenaru, H. W. Thompson (2012). Methodology for 3D Scene Reconstruction from Digital Camera Images. *Proceedings of the International Conference of Differential Geometry and Dynamical Systems (DGDS-2011) October 6-9, 2011, Bucharest, Romania - BSG Proceedings* 19, *110–124.*
4. M. Buibas, M. Crane, L. Ellingson and V. Patrangenaru (2012). A Projective Frame Based Shape Analysis of a Rigid Scene from Noncalibrated Digital Camera Imaging Outputs. In *JSM Proceedings, 2011, Miami, FL. Institute of Mathematical Statistics, pp.* 4730–4744.

22) Yan Li
Email: yli2010fall@gmail.com
Affiliation: Mid-America Heart Institute
Thesis: The effect of risk factors on coronary heart disease; age relevant multivariate meta analysis
Professor: Daniel McGee and Yiyuan She

23) Zhi Li
Email: "James Li" <obscurezhi@yahoo.com>
Affiliation: Think Finance
Thesis: Multistate Intensity Model with AR-GARCH Random Effect for Corporate Credit Rating Transition Analysis
Professor: Fred Huffer and Xu-Feng Niu

24) Wenting Wang
Email:
Affiliation: The University of Texas MD Anderson Cancer Center
Thesis: Some Methods for Design and Analysis of Survival Data
Professor: Debajyoti Sinha

Awards Won: Best First Year Student in Theoretical Statistics in 2007 (co-winner).

25) Jelani Wiltshire
Email:
Affiliation: Postdoctoral fellow in Environmental Health Biostatistics
at the Department of Biostatistics and Computational Biology at University
of Rochester Medical Center.
Thesis: Age Effects in the Extinction of Planktonic Foraminifera: A New Look at Van Valen's Red Queen Hypothesis
Professor: Fred Huffer

Conference Presentations
1. *Age effects in Planktonic Foraminifera: A new look at Van Valen's Red Queen hypothesis.* Summer

Research Council on Statistics 2009 Summer Research Conference, Jekyll Island, GA, June 2009

2. *Age effects in the extinction of Planktonic Foraminifera: A new look at Van Valen's Red Queen hypothesis.* The Florida Chapter of the American Statistical Association Annual Meeting, Tallahassee, FL, February 2010

3. *A general class of test statistics to test for the effect of age of species on their extinction rate.* Conference on Nonparametric Statistics and Statistical Learning, Columbus, OH, May 2010.
4. *Age effects in the extinction of Planktonic Foraminifera: A new look at Van Valen's Red Queen hypothesis.* Thirteenth Annual Meeting of New Researchers in Statistics and Probability, Vancouver, British Columbia, Canada, July 2010.
5. *A general class of test statistics for Van Valen's Red Queen Hypothesis.* Paleontological Research Institution Summer Symposium, Ithaca, NY, August 2012.

26) Sutan Wu
Email: titiwu@gmail.com
Affiliation: Roche Diagnostics, Diabetes Care
Thesis: Goodness-of-fit Tests For Logistic Regression
Professor: Daniel McGee and Jinfeng Zhang

27) Fang Yang
Email:
Affiliation: Medtronic
Thesis: Bayesian Generalized Polychotomous Response Models and Applications
Professor: Xu-Feng Niu

Publications:
Driscoll, KA, Basford, J, Johnson, SB, **Yang, F**, Whittington, C, Deeb, LC. Accuracy of Insulin Pump Therapy Usage in Pediatric Patients with Type 1 Diabetes. ***Diabetes*.**
Awards Won: Best First Year Student in Theoretical Statistics in 2006.

28) Haiyan Zhao
Email: haiyzhao@yahoo.com
Affiliation: JPMorgan Chase & Co
Thesis: Time-varying Coefficient Models with ARMA-GARCH Structures for Longitudinal Data Analysis
Professor: Xu-Feng Niu, Fred Huffer

Publications:
Zhao, H. Huffer, F. and Niu, X-F. (2011), Time-Varying Coefficient Models with ARMA-GARCH Structures for Longitudinal Data Analysis." Submitted to *Annals of Applied Statistics.*

2009

29) Nikolay Balov
Email: Nikolay_Balov@urmc.rochester.edu
Affiliation: University of Rochester, Dept of Biostatistics and Computational Biology
Thesis: Covariance on Manifolds
Professor: Anuj Srivastava

Publications:

Shape Analysis of Open Curves in R^3 with Applications to Study of Fiber Tracts in DT-MRI Data, in Proceedings of Sixth International Workshop on Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCVPR), pages 399-413, Hubei, China, August 2007. (Anuj Srivastava, N. Balov, C. Li, and Z. Ding).

30) Prabhakar Chalise
Email: Prabhakar Chalise [mailto:pchalise@kumc.edu]
Affiliation: University of Kansas Medical School at Kansas City
Thesis: Time Scales in Epidemiological Analysis
Professor: Daniel McGee and Dr. Eric Chicken

Publications:

Chalise P, Chicken E, McGee D: Performance and prediction for varying survival time scales. Communications in Statistics - Simulation and Computation, 2011, Accepted.

Chalise P, Chicken E, McGee D: Baseline age effect on parameter estimates in Cox models Journal of Statistical Computation and Simulation; 2011, accepted

31) Li Fan
Email: fanli7611@hotmail.com
Affiliation: Merck Research Lab
Thesis: Estimating the probability of Cardiovascular Disease--A comparison of Methods
Professor: Daniel McGee

32) Wenhao Gui
Email: guiwenhao@gmail.com
Affiliation: Cornell University
Thesis: Adaptive Series Estimators for Copula Densities
Professor: Marten Wegkamp

33) Shuva Gupta
Email:
Affiliation: Northern Illinois University
Thesis: A Study of the Asymptotic Properties of LASSO Estimates for Correlated Data
Professor: Florentina Bunea

34) Lanjia Lin
Email:
Affiliation: Novartis Pharmaceuticals
Thesis: Association Models for Clustered Data with Binary and Continuous Responses
Professor: Debajyoti Sinha

Publications:

Lin, Lanjia, Bandyopadhyay, D., Sinha, D., and Lipsitz, S.L., (2009), "Association models for clustered data with binary and continuous responses", ***Biometrics***; **66**, 287-293.

35) Yang Liu
Email:
Affiliation: Merck Pharmaceuticals
Thesis: Transformation Models for Survival Data Analysis and Applications
Professor: Xu-Feng Niu

Awards Won: Best First Year Student in Applied Statistics in 2005; and the Yongyuan and Anna Li Student Presentation Award of the Department of Statistics in 2007.

36) Moeti Ncube
Email: moeti.ncube@fpl.com
Affiliation: Nextera Energy Resources Power Marketing Risk Management Division.
Thesis: Stochastic Models and Inferences for Commodity Futures Pricing
Professor: Anuj Srivastava

37) Jeanette Simino
Email:
Affiliation: Washington University, St. Louis
Thesis: Discrimination and Calibration of Prognostic Survival Models
Professor: Myles Hollander & Daniel McGee

Publication: Simino J, Hollander M, and McGee D. Calibration of proportional hazards and accelerated failure time models. *Journal of Statistical Planning and Inference*, 2011, accepted. Currently 6 publications (4 first author, 2 second author) with 1 more in the review stage and 2 more to be submitted in the next 2-3 months

38) Warren Thompson
Email: wrtcroz@yahoo.com
Affiliation: Booz Allen Hamilton
Thesis: Variable Selection of correlated predictors in logistic regression: investigating the Diet-Heart Hypothesis
Professor: Daniel McGee

2008

39) Andrada Ivanescu
Email: ivanescua@ecu.edu
Affiliation: East Carolina University
Thesis: Revealing Sparse Signals in Functional Data
Professor: Florentina Bunea & Marten Wegkamp

40) Jon Norton
Email: jnorton@stat.fsu.edu
Affiliation: FDA-Center for Drug Evaluation and Research
Thesis: Spatiotemporal Bayesian hierarchical models, with application to birth outcomes
Professor: Xu-Feng Niu

Publication:
Norton, J. and Niu X-F. (2009), "Intrinsic Autoregressive Spatiotemporal Models With Application to Aggregated Birth Outcomes." *Journal of American Statistical Association*. Vol. 104, No. 486, 638-649.

Awards Won: First prize of student paper competition in the ASA Florida Chapter 2007 meeting at the University of West Florida; and R.A. Bradley Best Dissertation Award in 2008 (co-winner).

2007

41) Seo-Eun Choi
Email: seo-eun.choi@csm.astate.edu
Affiliation: Arkansas State Univeristy, Department of Mathematics & Statistics
Thesis: A Statistical Approach to Ocean Circulation Inverse Problem
Professor: Huffer

PRESENTATIONS
- 2011 August : Joint Statistical Meeting, contributed paper session presentation (Miami, FL)
- 2010 March 17-20 : Frontiers of Statistical Decision Making and Bayesian Analysis

Poster presented: a statistical approach to an ocean circulation inverse problem,
Travel supported by International Bayesian Association: $600

- 2007 Spring : American Statistical Association (ASA) – Florida chapter meeting, student paper competition

42) Jianghua He
Email: jhe@kumc.edu
Affiliation: Kansas University Medical Center, Department of Biostatistics
Thesis: Time-Varying Coefficients Models for Longitudinal Aging Data"
Professor: McGee and Niu

Publications:
He J, McGee D, and Niu X. Application of the Bayesian Dynamic Survival Model in Medicine. Statistics in Medicine, 29:347–360, 2010.

He J, McGee D, Niu X, and ChoiW. Examining the Dynamic Association of BMI and Mortality in the Framingham Heart Study. Int J Envior Res Public Health, 6:3115–3126, 2009.

Awards Won:
Best First Year Student in Theoretical Statistics in 2004; First prize of student paper competition in the ASA Florida Chapter 2006 meeting at Jacksonville; and Yongyuan and Anna Li Student Presentation Award of the Department of Statistics in 2006.

43) Mahtab Marker
Email: mahtabmarker@yahoo.com
Affiliation: Schering-Plough
Thesis: Bayesian Approach to Meta-Analysis: Relationship between Body Mass Index and Mortality
Professor: McGee

44) Dimitre Stefanov
Email: ds77@uakron.edu
Affiliation: University of Akron (Ohio), Department of Statistics
Thesis: Cardiovascular Risk Functions Based on Multi-State Models
Professor: McGee

45) Fei Tan
Email: ftan@math.iupui.edu
Affiliation: IUPUI- Indiana University - Purdue University Indianapolis
Thesis: A method for finding the nadir of non-monotonic relationships
Professor: McGee

Awards Won: Best First Year Student in Theoretical Statistics in 2005 and
R.A. Bradley Best Dissertation Award in 2008 (co-winner).

46) Dai Ho Uhm
Email: daiho.uhm@okstate.edu
Affiliation: University of Oklahoma (Stillwater), Department of Statistics
Thesis: Flexible Additive Risk Models using Piecewise Constant Hazard Functions
Professor: Huffer

Publications: Uhm, D., Huffer, F. W. & Park, C. (2011) Additive risk model using piecewise constant hazard function. *Communications in Statistics – Simulation and Computation*, **40** (9), 1458-1477.

MS Statistics Grads and Placements from the last 5 years

Email	First	Last	Degree	Type	Year	progress	current affiliation
fanli7611@hotmail.com	Li	Fan	Statistics	Masters	2007	got phd	Merck Research Lab
lanjia.lin@facebook.com	Lanjia	Lin	Statistics	Masters	2007	got phd	Novartis Pharmaceuticals
moeti.ncube@fpl.com	Moeti	Ncube	Statistics	Masters	2007	got phd	Nextera Energy Resources Power Marketing Risk Management Division.
ss04m@fsu.edu	Sanjay	Saini	Statistics	Masters	2007		Suez Energy North America
jeannette@wubios.wustl.edu	Jeannette	Simino	Statistics	Masters	2007	got phd	Washington University , St. Louis
ytao@stat.fsu.edu	Yingfeng	Tao	Statistics	Masters	2007	still working on phd	student
jelani@stat.fsu.edu	Jelani	Wiltshire	Statistics	Masters	2007	got phd	University of Rochester Medical Center
titiwu@gmail.com	Sutan	Wu	Statistics	Masters	2007	got phd	Roche Diagnostics
amaloe@buffalo.edu	Ariel Martin	Aloe	Statistics	Masters	2008	continued other program	University at Buffalo, SUNY
pchalise@kumc.edu	Prabhakar	Chalise	Statistics	Masters	2008	got phd	Mayo Clinic
daniel.crane@asu.edu	Daniel	Crane	Statistics	Masters	2008	left after ms	student at Arizona State University
vlawhern@gmail.com	Vernon	Lawhern	Statistics	Masters	2008	got phd	University of Texas, San Antonion
nicole.xy.li@facebook.com	Xiaoyun	Li	Statistics	Masters	2008	got phd	Merck & Co.
xxl4935@fsu.edu	Xin	Li	Statistics	Masters	2008	continued other program	unknown
obscurezhi@yahoo.com	Zhi	Li	Statistics	Masters	2008	got phd	Chase
gcm4589@fsu.edu, 5249147@face	Gregory	Miller	Statistics	Masters	2008	got phd	Merck
nigelneely@hotmail.com	Nigel	Neely	Statistics	Masters	2008	left after ms	unknown
jshin@stat.fsu.edu	Jihyung	Shin	Statistics	Masters	2008	got phd	Korea Information Society Development Institute
js06k@fsu.edu	Jing	Su	Statistics	Masters	2008	left for other school	Reliant Energy
fyang@fsu.edu, fangyang@medtro	Fang	Yang	Statistics	Masters	2008	got phd	Medtronic
hzhao@stat.fsu.edu, hz05@fsu.edu	Haiyan	Zhao	Statistics	Masters	2008	got phd	Chase
sharifah@stat.fsu.edu	Sharifah	Alrajhi	Statistics	Masters	2009	still working on phd	student
muffasir@qu.edu.qa, muffasir@stat	Muffasir	Badshah	Statistics	Masters	2009	got phd	Qatar University
leif.ellingson@ttu.edu	Leif	Ellingson	Statistics	Masters	2009	got phd	Texas Tech University
jfrade@stat.fsu.edu,	Jaime	Frade	Statistics	Masters	2009	still working on phd	Bank of America
jlin@stat.fsu.edu	Jianchang	Lin	Statistics	Masters	2009	got phd	Millennium: The Takeda Oncology Company
fgray@stat.fsu.edu	Felicia	Williams	Statistics	Masters	2009	still working on phd	student
jcuevas@stat.fsu.edu	Jordan	Cuevas	Statistics	Masters	2010	got phd	United States Military Academy
yu.gu.733@facebook.com	Yu	Gu	Statistics	Masters	2010	got phd	Boehringer Ingelheim
rbecvarik	Rachel	Becvarik	Statistics	Masters	2011	still working on phd	student
etb05c@garnet.acns.fsu.edu, ebrar	Evan	Brand	Statistics	Masters	2011	left after ms	United Nations
okg09@my.fsu.edu, ogalvis@stat.fs	Oliver	Galvis	Statistics	Masters	2011	still working on phd	student
henning@stat.fsu.edu	Wade	Henning	Statistics	Masters	2011	still working on phd	student
spk04c@my.fsu.edu, kropp@stat.fs	Steven	Kropp	Statistics	Masters	2011	left after ms	Florida Department of Economic Opportunity
wliu@stat.fsu.edu	Wei	Liu	Statistics	Masters	2011	got phd	FareCompare.com
mlugo@stat.fsu.edu	Michael	Lugo	Statistics	Masters	2011	still working on phd	student
kellym@stat.fsu.edu	Kelly	McGinnity	Statistics	Masters	2011	still working on phd	student

jmoody@stat.fsu.edu	Jonathan	Moody	Statistics	Masters	2011	still working on phd	student
dosborne@stat.fsu.edu, daniel.osb	Daniel	Osborne	Statistics	Masters	2011	got phd	FAMU
sp03d@my.fsu.edu	Sangwook	Park	Statistics	Masters	2011	continued other program	unknown
mzou@stat.fsu.edu	Min	Zou	Statistics	Masters	2011	left after ms	not employed
sgirimur@stat.fsu.edu	Senthil Balaji	Girimurugan	Statistics	Masters	2012	still working on phd	student
d.kirsner@umiami.edu, dkirsner@stat.fsu.edu	Daniel	Kirsner	Statistics	Masters	2012	left after ms	Chase
rkropacek@stat.fsu.edu, rek10e@r	Richard	Kropacek	Statistics	Masters	2012	left after ms	BKV Marketing
schleete@stat.fsu.edu	Tiffany	Schleeter	Statistics	Masters	2012	still working on phd	student
rscolnik@stat.fsu.edu	Ryan	Scolnik	Statistics	Masters	2012	still working on phd	student
gsilva@stat.fsu.edu	Benjamin	Silva	Statistics	Masters	2012	still working on phd	student
cwitt@stat.fsu.edu	Collin	Witt	Statistics	Masters	2012	still working on phd	student

MS Biostatistics Grads and Placements from the last 5 years

Email	FirstName	LastName	MajorDesc	LevelDesc	assYe	progress	current affiliation
lsb04e@fsu.edu	Larry	Brown	Biostatistic	Masters	2007		unknown
yli2010fall@gmail.com, yanli@stat.fsu.edu	Yan	Li	Biostatistic	Masters	2007	got phd	Mid-America Heart Institute
csiebert@ssw.rutgers.edu	Carl	Siebert	Biostatistic	Masters	2007	left after ms	Rutgers University
dw06@garnet.acns.fsu.edu	Deborah	Weissman-Ber	Biostatistic	Masters	2007	left after ms	Dwbus & Assoc
klb04r@fsu.edu	Kelli	Bindernagel	Biostatistic	Masters	2008	left after ms	Kaiser Permanente
kunle@stat.fsu.edu, kmo04e@fsu.e	Kunle	Olumide	Biostatistic	Masters	2008	got phd	Yale School of Medicine
abayomi@stat.fsu.edu	Emilola	Abayomi	Biostatistic	Masters	2009	still working on phd	student
ek03@fsu.edu	Ester	Kim	Biostatistic	Masters	2009	still working on phd	student
skurtek@stat.fsu.edu	Sebastian	Kurtek	Biostatistic	Masters	2009	got phd	Ohio State University
	Jonathan	Moody	Biostatistic	Masters	2009	still working on phd	student
	Daniel	Osborne	Biostatistic	Masters	2009	got phd	Bank of America
tamikart@stat.fsu.edu, royalthoma	Tamika	Royal-Thomas	Biostatistic	Masters	2009	got phd	Winston-Salem University
rholden@stat.fsu.edu	Robert	Holden	Biostatistic	Masters	2010	still working on phd	student
sharifah@stat.fsu.edu	Sharifah	Alrajhi	Biostatistic	Masters	2011	still working on phd	student
kathrynh@stat.fsu.edu	Kathryn	Hillebrandt	Biostatistic	Masters	2011	still working on phd	student
laborde@stat.fsu.edu	Jose	Laborde	Biostatistic	Masters	2011	still working on phd	student
elvism@stat.fsu.edu	Elvis	Martinez	Biostatistic	Masters	2011	still working on phd	student
rivera@stat.fsu.edu	Gretchen	Rivera	Biostatistic	Masters	2011	still working on phd	student
bfilip@stat.fsu.edu	Benjamin	Filip	Biostatistic	Masters	2012	left after ms	
fgriffin@stat.fsu.edu	Felicia	Griffin	Biostatistic	Masters	2012	left after ms	unknown
dwatson@stat.fsu.edu	Domonique	Watson	Biostatistic	Masters	2012	left after ms	Emory University

BS DEGREES 2007-2012	Placement			
ALICEA NICHOLAS EDWIN	Actuarial Analyst at Pinnacle Actuarial Resources, Inc			
ROZANSKI LUKE JOSEPH	**Business Development Manager, Jacobson Companies**			
ashley gardner	graduate program in Applied Science at The College of William and Mary			
SWIRSKY DAVID ERIC	**Health & Group Benefits Analyst at Towers Watson**			
Hillebrandt, Kathryn M.	PH.D. program in Statistics at FSU			
Martinez, Elvis	PH.D. program in Statistics at FSU			
mcginnity, kelly	PH.D. program in Statistics at FSU			
SHEPHERD WILLIAM ROSS	PH.D. program in Statistics at FSU			
DEIS, Jennifer	Statistical Specialist, The Pantry, NC			
BRAND EVAN THOMAS	United Nations			
MCHUGH STEVEN MICHAEL	unknown			
LIU XIA	unknown			
MONACO ANTHONY RYAN	unknown			
MONETTE ALAN R	unknown			
ROBERTS KATHRYN CLEO	unknown			
DORSEY KARLESHIA E	unknown			
INANG EYEYO EYO	unknown			
JOHNSON TODD NICHOLAS	unknown			
KLINGLER RENEE K	unknown			
TY LYNA	unknown			
CREMISI MICHAEL DAVID	unknown			
KESTER RYAN MATTHEW	unknown			
CHIBUDU MADANHA B	unknown			
SHANNON JOHN MICHAEL	unknown			
FORREST TIFFANY S	unkown			
NEGRETTE ESTEFANIA	**ventas en Aldeasa**			
Cordell, Gregory	Wealth Management Underwriting Analyst at J.P. Morgan			
STROHL JOHN WOODROW				
FILIPCZAK PETER M				