

CONTACT INFORMATION	Department of Statistics University of Kentucky 323 Multidisciplinary Science Building Lexington, KY 40536	<i>Phone:</i> (859) 218-3408 <i>Fax:</i> (859) 323-1973 <i>E-mail:</i> derek.young@uky.edu <i>Web:</i> http://young.as.uky.edu
RESEARCH INTERESTS	(Finite) mixture models; tolerance regions; non/semiparametric methods; statistical computing; data depth; zero-inflated models; astrostatistics; applied survey data analysis	
EDUCATION	The Pennsylvania State University , University Park, PA Ph.D. in Statistics, August 2007 M.S. in Statistics, August 2005 University of Michigan , Ann Arbor, MI B.S. in Mathematics, April 2002 <ul style="list-style-type: none">• Pure Mathematics (major); Statistics (minor)	
PROFESSIONAL EXPERIENCE	University of Kentucky , Lexington, KY Department of Statistics <i>Assistant Professor of Statistics</i>	Fall 2014 - Present
	U.S. Bureau of the Census , Washington, DC Center for Statistical Research and Methodology <i>Research Mathematical Statistician</i>	Fall 2011 - Summer 2014
	Bettis Atomic Power Laboratory , West Mifflin, PA Irradiations & Statistics Division <i>Senior Statistician</i>	Spring 2008 - Fall 2011
	The Pennsylvania State University , University Park, PA Department of Statistics <i>Lecturer of Statistics</i> <i>Research Assistant</i> <i>Conference Assistant</i> <i>Instructor</i> <i>Teaching Assistant</i>	Spring 2008 - Fall 2013 Summer 2005, Summer 2006 - Summer 2007 Summer (2005, 2006, 2007) Summer (2003, 2004), Spring 2005 - Spring 2006 Fall 2002 - Fall 2004
	Ford Motor Company/Visteon , Shelby Township, MI Utica Trim Plant <i>Industrial Engineer Intern</i>	Summer (2000, 2001, 2002)
PROFESSIONAL APPOINTMENTS	◇ Accredited Professional Statistician [™] (October 4 th , 2013 – Present) ◇ U.S. Census Bureau Special Sworn Status (Fall 2011 - Summer 2014) ◇ Department of Energy L Clearance (Spring 2008 - Fall 2011)	

- BOOK CHAPTER **D. S. Young** (2014). “Computing Tolerance Intervals and Regions Using R.” In M. B. Rao and C. R. Rao, editors, *Handbook of Statistics, Volume 32: Computational Statistics with R*, 309–338. North-Holland: Amsterdam.
- PEER-REVIEWED PUBLICATIONS **D. S. Young**, C. M. Gordon, S. Zhu, and B. D. Olin (2016). “Sample Size Determination Strategies for Normal Tolerance Intervals Using Historical Data.” *Quality Engineering*, in press.
- D. S. Young**, A. M. Raim, and N. R. Johnson (2016). “Zero-Inflated Modelling for Characterizing Coverage Errors of Extracts from the U.S. Census Bureau’s Master Address File.” *Journal of the Royal Statistical Society, Series A*, in press.
- M. Naghizadeh Qomi, A. Kiapour, and **D. S. Young** (2016). “Approximate Tolerance Intervals for the Discrete Poisson-Lindley Distribution.” *Journal of Statistical Computation and Simulation*, **86**(4), 841–854.
- D. S. Young**, G. F. Johnson, M. Chow, and J. L. Rosenberger (2015). “The Challenges in Developing an Online Applied Statistics Program: Lessons Learned at Penn State University.” *The American Statistician*, **69**(3), 213–220.
- D. S. Young** (2015). “Tolerance Intervals for Hypergeometric and Negative Hypergeometric Variables.” *Sankhyā: The Indian Journal of Statistics, Series B*, **77**(1), 114–140.
- D. S. Young** and D. R. Hunter (2015). “Random Effects Regression Mixtures for Analyzing Infant Habituation.” *Journal of Applied Statistics*, **42**(7), 1421–1441.
- D. S. Young** and T. Mathew (2015). “Ratio Edits Based on Statistical Tolerance Intervals.” *Journal of Official Statistics*, **31**(1), 77–100.
- D. S. Young** and T. M. Mills (2014). “Choosing a Coverage Probability for Forecasting the Incidence of Cancer.” *Statistics in Medicine*, **33**(23), 4104–4115.
- D. S. Young** and T. Mathew (2014). “Improved Nonparametric Tolerance Intervals Based on Interpolated and Extrapolated Order Statistics.” *Journal of Nonparametric Statistics*, **26**(3), 415–432.
- D. S. Young** (2014). “*Bond. James Bond. A Statistical Look at Cinema’s Most Famous Spy.*” *CHANCE*, **27**(2), 21–27.
- D. S. Young** (2014). “Mixtures of Regressions with Changepoints.” *Statistics and Computing*, **24**(2), 265–281.
- D. S. Young** (2014). “A Procedure for Approximate Negative Binomial Tolerance Intervals.” *Journal of Statistical Computation and Simulation*, **84**(2), 438–450.
- D. S. Young** (2013). “Regression Tolerance Intervals.” *Communications in Statistics - Simulation and Computation*, **42**(9), 2040–2055.
- T. Mathew and **D. S. Young** (2013). “Fiducial-Based Tolerance Intervals for Some Discrete Distributions.” *Computational Statistics and Data Analysis*, **61**, 38–49.
- D. S. Young** (2013). “Approximate Tolerance Limits for Zipf-Mandelbrot Distributions.” *Physica A: Statistical Mechanics and its Applications*, **392**(7), 1702–1711.

D. R. Hunter and **D. S. Young** (2012). “Semiparametric Mixtures of Regressions.” *Journal of Nonparametric Statistics*, **24**(1), 19–38.

D. S. Young (2010). “tolerance: An R Package for Estimating Tolerance Intervals.” *Journal of Statistical Software*, **36**(5), 1–39.

D. S. Young and D. R. Hunter (2010). “Mixtures of Regressions with Predictor-Dependent Mixing Proportions.” *Computational Statistics and Data Analysis*, **54**(10), 2253–2266.

T. Benaglia, D. Chauveau, D. R. Hunter, and **D. S. Young** (2009). “mixtools: An R Package for Analyzing Mixture Models.” *Journal of Statistical Software*, **32**(6), 1–29.

INVITED
EDITORIAL

D. S. Young, L. Feng, and R. J. Charnigo (2015). “Some Flexible Modeling Paradigms for Analyzing Big Data.” *Journal of Biometrics and Biostatistics*, S12-e001, 1–4.

MANUSCRIPTS
UNDER REVISION
OR SUBMITTED

D. S. Young (2016). “Normal Tolerance Interval Procedures in the tolerance Package.” Submitted.

D. S. Young, M. Naghizadeh Qomi, and A. Kiapour (2016). “Approximate Discrete Pareto Tolerance Limits for Characterizing Extremes in Count Data.” Submitted.

D. S. Young, C. Ke, and X. Zeng (2016). “A Visualization Tool for Assessing the Number of Components in Finite Mixture Models.” Revised and resubmitted.

MANUSCRIPTS IN
PREPARATION

D. S. Young (2016). “An Approach for Specifying Winsorization Cutoffs.”

D. S. Young (2016). “Bayesian Credible Regions Using Data Depth.”

D. S. Young (2016). “Semiparametric Regression Tolerance Intervals.”

D. S. Young (2016). “Mixtures of Regressions with Measurement Errors.”

D. S. Young and T. Mathew (2016). “Multivariate Nonparametric Tolerance Regions for Determining Reference Regions in Laboratory Medicine.”

D. S. Young (2016). “An ECM Algorithm with an Adaptive Barrier for a Mixture-of-Regressions Model Applied to Gamma Ray Burst Data.”

K. F. Sellers and **D. S. Young** (2016). “Zero-Inflated Sum of Conway-Maxwell-Poissons (ZIsCOM-Poisson) Regression.”

D. Musgrove, **D. S. Young**, J. Hughes, and L. E. Eberly (2016). “A Sparse Areal Mixed Model for Multivariate Outcomes with an Application to Zero-Inflated Census Data.”

BOOK REVIEWS

D. S. Young (2012). *Optimal Experimental Design with R* by D. Rasch, J. Pilz, R. Verdooren, and A. Gebhardt. *Journal of Applied Statistics*, **39**(8), 1848–1849.

D. S. Young (2010). *Statistical Tolerance Regions: Theory, Applications, and Computation* by K. Krishnamoorthy and T. Mathew. *Technometrics*, **52**(1), 143–144.

R PACKAGES (See respective CRAN webpage for archive of previous sources.)

D. S. Young (2009). *tolerance: Functions for Calculating Tolerance Intervals*. R Package, Version 0.1.0. ([Current Version: 1.2.0, 2016](#)).

D. S. Young, T. Benaglia, D. Chauveau, D. R. Hunter, R. T. Elmore, F. Xuan, T. P. Hettmansperger, and H. Thomas (2006). *mixtools: Tools for Analyzing Finite Mixture Models*. R Package, Version 0.1.0. ([Current Version: 1.0.4, 2016](#)).

SHORT COURSES AND TUTORIALS DELIVERED *How to Obtain and Use Census, Panel Study of Income Dynamics, and National Longitudinal Survey Data*. Quantitative Initiative for Policy and Social Research (QIPSR), University of Kentucky, Lexington, KY. September 25th, 2015 (With T. Janoski).

Astrostatistics R Tutorials. 2015 Summer School in Statistics for Astronomers XI, University Park, PA. June 1st - 5th, 2015.

Astrostatistics R Tutorials. 2014 Summer School in Statistics for Astronomers X, University Park, PA. June 2nd - 6th, 2014.

Introduction to Regression Using NCSS. Knolls Atomic Power Laboratory, Schenectady, NY. February 22nd - 24th, 2010.

Introduction to Regression Using NCSS. Bettis Atomic Power Laboratory, West Mifflin, PA. March 18th, 25th, and April 1st, 2009.

Introduction to Regression Using NCSS. Bettis Atomic Power Laboratory, West Mifflin, PA. October 1st, 8th, and 15th, 2008.

Astrostatistics R Tutorials. 2008 Summer School in Statistics for Astronomers IV, University Park, PA. June 9th - 14th, 2008 (Written by D. R. Hunter; Revised and Presented by D. S. Young).

SEMINARS AND COLLOQUIA *Parametric and Semiparametric Mixtures of Regressions*. University of Kentucky - Department of Statistics, Lexington, KY. February 18th, 2013.

Parametric and Semiparametric Mixtures of Regressions. Clemson University - Department of Mathematical Sciences, Clemson, SC. February 15th, 2013.

Parametric and Semiparametric Mixtures of Regressions. University of Florida - Department of Statistics, Gainesville, FL. January 31st, 2013.

Parametric and Semiparametric Mixtures of Regressions. Western Michigan University - Department of Statistics, Kalamazoo, MI. December 3rd, 2012.

Semiparametric Mixtures of Regressions and the mixtools Package. U.S. Census Bureau - Center for Statistical Research and Methodology, Washington, DC. June 24th, 2011.

Semiparametric Mixtures of Regressions. Mississippi State University - Department of Mathematics and Statistics, Mississippi State, MS. February 11th, 2011.

Semiparametric Mixtures of Regressions. University of Wyoming - Department of Statistics, Laramie, WY. February 4th, 2011.

A Study of Mixtures of Regressions. U.S. Census Bureau - Statistical Research Division, Washington, DC. August 21st, 2007.

INVITED PRESENTATIONS *Modeling Coverage Errors of the Master Address File.* U.S. Census Bureau - Center for Statistical Research and Methodology, Washington, DC. March 26th, 2013.

*Presented by
Coauthor

Semiparametric Mixtures of Regressions. International Workshop on Mixture Models and Their Applications, Pau, France. June 23rd, 2008 (With D. R. Hunter*, D. Chauveau, P. Vandekerkhove, and L. Bordes).

Mixtures of Regressions. 2007 C. R. & Bhargavi Rao Prize Award Ceremony, University Park, PA. May 24th, 2007.

Building R Packages. Department of Statistics Student Organized Seminar - The Pennsylvania State University, University Park, PA. April 13th, 2007.

PRESENTATIONS *A Visualization Tool for Assessing the Number of Components in Finite Mixture Models.* JSM 2015, Seattle, WA. August 10th, 2015.

*Presented by

Coauthor

Pointwise Tolerance Intervals for Non-Stationary Generalized Extreme Value Regression Models. 9th International Extreme Value Analysis Conference. University of Michigan, Ann Arbor, MI. June 19th, 2015.

Zero-Inflated Regression Modeling for Coverage Errors of the Master Address File. JSM 2014, Boston, MA. August 7th, 2014 (With A. M. Raim*).

Ratio Edits Based on Tolerance Intervals. JSM 2013, Montréal, Québec, Canada. August 7th, 2013 (With T. Mathew).

Semiparametric Mixtures of Regressions. JSM 2012, San Diego, CA. August 2nd, 2012 (With D. R. Hunter*).

Statistical Data Analysis Using Excel's Analysis ToolPak. Bettis Atomic Power Laboratory, West Mifflin, PA. June 4th, 2008.

Mixtures of Regressions and Covariate-Dependent Mixing Proportions. JSM 2006, Seattle, WA. August 7th, 2006 (With D. R. Hunter).

INVITED WORKSHOPS *Geospatial Methods for Federal Surveys.* Bureau of Labor Statistics, Washington, DC. September 16th - 17th, 2013 (Invited Attendee).

7th Annual Probability & Statistics Day at UMBC. University of Maryland, Baltimore County, Baltimore, MD. April 26th - 27th, 2013 (Invited Attendee and Poster Judge).

WORKSHOPS AND SHORT COURSES *(Presenters for short courses given in parentheses.)*

ATTENDED NIH R15 AREA Grant Writing Workshop. University of Louisville Medical School, Louisville, KY. November 7th, 2015.

9th International Extreme Value Analysis Conference. University of Michigan, Ann Arbor, MI. June 15th - 19th, 2015.

Satellite Workshop on Statistical Computing for Extremes. University of Michigan, Ann Arbor, MI. June 14th, 2015 (Eric Gilleland and Mathieu Ribatet).

8th Annual Probability & Statistics Day at UMBC. University of Maryland, Baltimore County, Baltimore, MD. April 18th - 19th, 2014.

Analysis of Overdispersed Data Using SAS[®]. University of Maryland, Baltimore County, Baltimore, MD. April 18th, 2014 (Jorge Morel and Nagaraj Neerchal).

2013 FCSM Research Conference. Federal Committee on Statistical Methodology, Washington, DC. November 4th - 6th, 2013.

Multiple Imputation: Theory and Practice. University of Maryland, Baltimore County, Baltimore, MD. April 26th, 2013 (Jerry Reiter).

Statistics for Spatio-Temporal Data. U.S. Census Bureau, Washington, DC. April 17th, 2013 (Noel Cressie).

2012 FCSM Statistical Policy Seminar - Collaborating to Achieve Innovation and Efficiencies: Advances and Opportunities. Federal Committee on Statistical Methodology, Washington, DC. December 4th - 5th, 2012.

Record Linkage Error Estimation. U.S. Census Bureau, Washington, DC. October 4th, 2012 (William Winkler).

Editing and Imputation. U.S. Census Bureau, Washington, DC. May 17th, 2012 (William Winkler).

2012 FCSM Research Conference. Federal Committee on Statistical Methodology, Washington, DC. January 10th - 12th, 2012.

Tolerance Intervals: Theory, Applications, and Computation. JSM 2009, Washington, DC. August 9th, 2009 (Kalimuthu Krishnamoorthy and Thomas Mathew).

Monte Carlo and Bayesian Computation with R. JSM 2009, Washington, DC. August 4th, 2009 (Maria Rizzo and Jim Albert).

Longitudinal Data Analysis: Semiparametric and Nonparametric Approaches. JSM 2009, Washington, DC. August 1st, 2009 (Annie Qu and Peter Song).

FUNDING
ACTIVITY

Active

Young (PI) 09/09/15 - 12/31/15, \$6,200
Kentucky Justice Cabinet - UKRF 201507061822
Project: *State Justice Statistics Grant Program*

Pending

Young (PI) 06/01/16 - 05/30/19, \$208,990

NSF - DMS

Project: *Tolerance Sets: Nonparametric and Semiparametric Extensions*

Young (PI)

02/01/17 - 01/31/19, \$40,000

NSA - MSP Young Investigator Grant

Project: *Tolerance Sets: Nonparametric and Semiparametric Extensions*

Ziliak (PI)

07/01/16 - 06/30/19, \$299,999

Young (Co-PI)

NSF - SES

Project: *Research Data Centers: Kentucky Research Data Center*

Completed

Young (PI)

01/01/15 - 05/15/15, \$10,000

Cyberonics, Inc. - UKRF 201502111631

Project: *Using Historical Data for Sample Size Determination for Normal Tolerance Intervals*

Not Funded

Young (PI)

06/01/15 - 05/30/18, \$184,881

NSF - DMS

Project: *Tolerance Sets: Nonparametric and Semiparametric Extensions*

Young (PI)

06/01/15 - 05/31/16, \$5,000

ORAU Ralph E. Powe Junior Faculty Enhancement Award

Project: *Pointwise Tolerance Intervals for Non-Stationary Generalized Extreme Value Regression Models*

Young (PI)

01/01/15 - 12/31/15, \$3,440

University of Kentucky Vice President for Research - Research Support Grant

Project: *A Visualization Tool for Assessing the Number of Components in Finite Mixture Models*

Travel Grants

2006 JSM, Seattle, WA

August 2006, \$950

William Harkness Graduate Student Travel Award

COURSES

(Final enrollment numbers given in parentheses.)

TAUGHT

† Multiple Sections

University of Kentucky

STA 643: Advanced Experimental Design

Fall 2015 (11)

STA 715: Readings in Statistics & Probability

Topic: *Semiparametric Approaches to Statistical Inference*

Fall 2015 (1)

The Pennsylvania State University

STAT 200: Elementary Statistics

Summer 2004 (46)

MATH/STAT 318: Elementary Probability

Fall 2005 (31)

MATH/STAT 319: Applied Statistics in Science

Spring 2006 (32)

MATH/STAT 418: Probability

Spring 2005 (25)

STAT 480: Introduction to SAS

Summer 2003 (12), 2004 (10), 2005 (11)

STAT 501: Regression Methods

Spring 2008 (27), 2009 (27[†]), 2010 (57[†]), 2011 (31), 2012 (31), 2013 (31)

Summer 2008 (23), 2009 (24), 2012 (27)

Fall 2008 (46[†]), 2009 (71[†]), 2010 (25), 2011 (44[†]), 2013 (28)

ADVISING AND
SUPERVISION

Dissertation Committee Member

- Sisheng Liu (Ph.D. Student, Statistics)
- Liangdong Fan (Ph.D. Student, Statistics)
- Meng Qi (Ph.D. Student, Statistics)

Supervision of Research Assistants

- Chenlu Ke, Ph.D. Student in Statistics, supported by the Department of Statistics (Summer 2015)
- Xiaoxue Zeng, M.S. Student in Statistics, supported by the Department of Statistics (Summer 2015)
- Teng Huang, Ph.D. Student in Statistics, supported by the Department of Statistics (Summer 2015)
- Dainan Sang, Ph.D. Student in Statistics, supported by the Department of Statistics (Summer 2015)
- Liangdong Fan, Ph.D. Student in Statistics, supported by the Department of Statistics (Summer 2015)
- Shihong Zhu, Ph.D. Student in Statistics, supported by UKRF 201502111631 (Spring 2015)

PROFESSIONAL
ACTIVITIES

Reviewer for Funding Agencies

- Stage 1 Panel Reviewer for Science Foundation Ireland (SFI) Investigators Programme (2015)

Book Proposal Reviewer

- Chapman & Hall/CRC Press (2015)

Journal Referee

- *Advances in Statistical Analysis* (2010)
- *The American Statistician* (2010)
- *The Annals of Applied Statistics* (2014)
- *Biometrics* (2013, 2015)
- *Communications in Statistics - Simulation and Computation* (2013, 2014, 2015)
- *Communications in Statistics - Theory and Methods* (2009, 2014 (2), 2015)
- *Computational Statistics and Data Analysis* (2014, 2015 (2))
- *Electronic Journal of Statistics* (2013 (2))
- *Entropy* (2011, 2015)
- *Far East Journal of Applied Mathematics* (2013)

- *IBM Journal of Research and Development* (2015)
- *IEEE Transactions on Knowledge and Data Engineering* (2014)
- *Journal of Algorithms and Optimization* (2015)
- *Journal of Applied Statistics* (2012, 2013, 2015 (2))
- *Journal of Biometrics and Biostatistics* (2015)
- *Journal of Business and Economic Statistics* (2013)
- *Journal of Computational and Graphical Statistics* (2015)
- *Journal of Computational Methods in Sciences and Engineering* (2016)
- *Journal of Educational and Behavioral Statistics* (2013)
- *Journal of Hydrology* (2013)
- *Journal of Nonparametric Statistics* (2012)
- *Journal of Statistical Computation and Simulation* (2012, 2015 (2))
- *Neural Computation* (2012)
- *The R Journal* (2015)
- *Scandinavian Journal of Statistics* (2015)
- *Statistica Sinica* (2014, 2015)
- *Statistics and Computing* (2011)
- *Statistics & Probability Letters* (2014)
- *Wiley Interdisciplinary Reviews: Computational Statistics* (2012)

Ad Hoc Reviewer

- Reviewer for 2014-2015 ASA/NSF/Census Research Fellowship Proposal
- Statistical Reviewer for Finalists of U.S. Census Return Rate Challenge on Kaggle

Committee Member

- University of Kentucky Department of Statistics: M.S. Examination in Theory Committee (2016)
- University of Kentucky Department of Statistics: Computations and Technology Committee (2015 - Present)
- University of Kentucky College of Arts & Sciences: IT-Enabled Research/Scholarship Committee (2015 - Present)
- University of Kentucky Department of Statistics: Minutes Recorder (2014 - Present)
- University of Kentucky Department of Statistics: Online Master of Applied Statistics Program Development Committee (2014 - Present)
- Bechtel Bettis, Inc.: Technical Outreach Committee (2008 - 2010)
- Penn State Statistics Department: Peer Advisor (2004 - 2006)
- Penn State Statistics Department: Student Organized Seminars Chair (2004 - 2006)

Affiliations

- American Statistical Association (2005 - Present)
- Institute of Mathematical Statistics (2005 - Present)
- University of Michigan Mathematical Society (2001 - 2002)

Other

- Authored or co-authored nine CONFIDENTIAL reports for the Naval Nuclear Propulsion Program using the following statistical methods: acceptance sampling plans, ANOVA, extreme value analysis, gauge R & R studies, multiple comparisons, nonparametric smoothing, regression modeling, statistical process controls, and tolerance intervals (2008-2011)
- Wrote solutions to 100 problems in the solutions manual for: J. M. Utts and R. F. Heckard (2006). *Mind on Statistics, 3rd edition*. California: Duxbury. (uncredited)

ACADEMIC
AWARDS AND
HONORS

Professional Level

- Wethington Award: University of Kentucky College of Arts & Sciences (2015)

Graduate Level

- Research Assistantship (Summer 2005, Summer 2006 – Summer 2007)
- Eberly College of Science Graduate Fellowship (Fall 2002 – Spring 2003, Fall 2006)
- Teaching Assistantship (Fall 2002 – Spring 2006)

Undergraduate Level

- Ford Citizens Scholarship Fund of America (Fall 1998 – Spring 2002)
- Regents Scholarship (Fall 1998 – Spring 1999)
- Kiwanis Club Academic Scholarship (Fall 1998 – Spring 1999)

COMPUTER AND
LANGUAGE
SKILLS

- ◇ Very proficient with L^AT_EX, Microsoft Office, Minitab, NCSS/PASS, and R/S-PLUS.
- ◇ Proficient with @RISK, Mathcad, SAS, SPSS, and WinBUGS.
- ◇ Familiarity with C, JMP, Maple, Mathematica, and MATLAB.
- ◇ Proficient with Macintosh, UNIX/Linux, and Windows operating systems.
- ◇ Minor understanding of conversational/written German and Greek.

ACADEMIC
REFERENCES

Dr. David R. Hunter
Department Head & Professor of Statistics
The Pennsylvania State University
326-A Thomas Building
University Park, PA 16802
Phone: 814-863-0979
E-mail: dhunter@stat.psu.edu

Dr. Thomas Mathew
Presidential Research Professor of Statistics
University of Maryland, Baltimore County
415 Math & Psychology Building
Baltimore, MD 21250
Phone: 410-455-2418
E-mail: mathew@umbc.edu

Dr. Thomas P. Hettmansperger
Professor Emeritus of Statistics
The Pennsylvania State University
325 Thomas Building
University Park, PA 16802
Phone: 814-865-1348
E-mail: tph@stat.psu.edu

TEACHING
REFERENCE

Dr. James L. Rosenberger
Professor of Statistics
The Pennsylvania State University
323-F Thomas Building
University Park, PA 16802
Phone: 814-865-1348
E-mail: JLR@psu.edu