



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

Published Papers, Books and Chapters of Texts

1. Malloure, M., Richardson, M., & Rogness, N. (2013). The Case of the Careless Zookeeper. *Statistics Education Web*.
2. Potteiger, J., & Otieno, S. (2013). Changes in height, body weight, and body composition in American football players from 1942 to 2011. *Journal of Strength and Conditioning Research*, 27(2), 277-284.
3. Beel-Bates, C., Stephenson, P., Nochera, C., & French, J. (2012). Caregiver/Resident Interaction with Barnard's Feeding Scale.. *Research in Gerontological Nursing*, 5(4), 284-293.
4. Gabrosek, J., & Otieno, S. (2012). Ants on the Loose. In 1st/ Charlene Beckmann (Ed.), *Adventures with Mathematics: Statistics and Probability*. (pp. 14-15). Michigan Council of Teachers of Mathematics.
5. Gabrosek, J. (2012). The Blob. In 1st/Charlene Beckmann (Ed.), *Adventures in Mathematics: Statistics and Probability*. (pp. 25-26). Michigan Council of Teachers of Mathematics.
6. Gabrosek, J. (2012). It Creeps. It Crawls. Watch Out For The Blob!. *Statistics Education Web*.
7. Standridge, C. R., Nieves, Y., Zeitler, D., & Nordman, E. (2012). Evaluating offshore wind resources, aerial ecology, and aquatic conditions in Lake Michigan using a dedicated Nomad buoy platform with LiDAR. *WINDPOWER 2012 Conference Proceedings*.
8. Hassan, N.E., Mageed, A.S., Sanfilippo, D.J., Reischman, D., Duffner, U.A., & Rajasekaran, S. (2012). Risk Factors Associated with Pediatric Intensive Care Unit Admission and Mortality Following Pediatric Stem Cell Transplant: Possible Role of Renal Involvement. *World Journal of Pediatrics*.
9. Hill, H. C., Umland, K., Litke, E., & Kapitula, L. R. (2012). Teacher quality and quality teaching: Examining the relationship of a teacher assessment to practice. *American Journal of Education*, 118(4), 489-519.
10. Kushion, D., Rheume, J., Yoiunt, K., Glass, S., Alderink, G., & Jinn, J. (2012). EMG Activation of the Vastus Medialis Oblique and Vastus Lateralis During Four Rehabilitative Exercises. *The Open Rehabilitation Journal* (5), 1-7.
11. Malloure, M., Richardson, M., & Rogness, N. (2012). An A-MAZE-ING Comparison. *Statistics Education Web*.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

12. McNair, J., Sunkara, A., & Frobish, D. (2012). How to analyze seed germination data using statistical time-to-event analysis: nonparametric and semiparametric methods. *Seed Science Research*, 22, 77-95.
13. Otieno, S., & Anderson-Cook, C. (2012). Design and Analysis of Experiments for Directional Data. In (ed K. Hinkelmann), (Ed.), *Design and Analysis of Experiments III*. Hoboken, NJ, USA: John Wiley & Sons, Inc.
14. Otieno, S. , & Anderson-Cook, C. (2012). Circular Data. A book chapter in *Encyclopedia of Environmetrics 2e*, 391-394.
15. Otieno, S. , & Anderson-Cook, C. (2012). Cylindrical Data. A book chapter in *Encyclopedia of Environmetrics 2e*, 594-597.
16. Georgescu, L., Zeitler, D., & Standridge, C. R. (2012). Intelligent transportation system real time traffic speed prediction with minimal data. *Journal of Industrial Engineering and Management*, 5(2), 431-441.
17. Reischman, D. (2012). How High Can You Jump. *STatistics Education Web (STEW)*.
18. Reischman, D. (2012). Colors Challenge. *STatistics Education Web (STEW)*.
19. Richardson, M. (2012). Using Dice to Introduce Sampling Distributions. *STatistics Education Web*. 202
20. Richardson, M., & Haller, S. (2012). What is the Probability of "Pigging Out"? *STatistics Education Web*.
21. Richardson, M. (2012). Sampling in Archaeology. *STatistics Education Web*.
22. Richardson, M., & Bagui, S. (2012). Bear Hugs. *STatistics Education Web*.
23. Rogness, N., Fisher, D., & Kaplan, J. (2012). Lexical Ambiguity in Statistics: Making the Case Against Spread. *Teaching Statistics*, 34(2), 56-60.
24. Hill, H. C., Kapitula, L. R., & Umland, K. (2011). A Validity Argument Approach to Evaluating Teacher Value-Added Scores. *American Educational Research Journal*, 48(3), 794-831.
25. Hassan, N., Halanski, M., Wincek, J., Reischman, D., Sanfilippo, D., Rajasekaran, S., Wells, C., Tabert, D., Kurt, B., Mitchell, D., Huntington, J., & Cassidy, J. (2011). Blood Management in Pediatric Spinal Deformity Surgery: Review of a 2 Year Experience. *Transfusion*, 51(10), 2133-41.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

26. Hassan, N. E., Betz, B. W., Cole, M. R., Wincek, J., Reischman, D., Sanfilippo, D. J., WinterhalterRzeszutko, K. M., & Kopec, J. S. (2011). RCT for Intermittent versus Continuous Propofol Sedation for Pediatric Brain and Spine MRI Studies. *Pediatric Critical Care Medicine*, 12(6), 262-65.
27. Hong, S. (2011). Skewed T Confidence Intervals for the Mean. In *Joint Statistical Meetings (Ed.)*, (pp. 5896-5906). 2011 Joint Statistical Meetings Proceedings.
28. Hoyle, Jr., J.D., Rogers, A.J., Reischman, D., Powell, E.C., Borgialli, D.A., Mahajan, P.V., Trytko, J.A., & Stanley, R.M. (2011). Pain Intervention for Infant Lumbar Puncture in the Emergency Department: Physician Practice and Beliefs. *Academic Emergency Medicine*, 18(2), 140-144.
29. Kintzel, P. E., Campbell, A. D., Yost, K. J., Brinker, B. T., Arradaza, N. V., Frobish, D., Wehr, A. M., & O'Rourke, T. J. (2011). Reduced time for urinary alkalinization before high-dose methotrexate with preadmission oral bicarbonate. *Journal of Oncology Pharmacy Practice*.
30. Otieno, S. (2011). Metrics, Design and Analysis of Simulation Studies for Evaluating Directional Data Methods. *Journal of Statistical Theory and Applications*, 2, 115-142.
31. Richardson, M., & Reischman, D. (2011). The Magical Number Seven.. *Teaching Statistics*, 33(1), 17-19.
32. Song, C.C., Lu, C.C., & Jinn, J. (2011). A statistical Analysis of Independent Test Items. *The InterStat*.
33. Hassan, N. E., Winters, J., Winterhalter, K., Reischman, D., & Y.-B. (2010). Effects of Blood Conservation on the Incidence of Anemia & Transfusions in Pediatric Parapneumonic Effusion A Hospitalist Perspective. *Journal of Hospital Medicine*, 5(7), 410-413.
34. Malone, C., Gabrosek, J., Curtiss, P., & Race, M. (2010). A Case-by-Case Approach to the Introductory Applied Statistics Syllabus. *The American Statistician*, 64(1), 52-58.
35. Miller, D. K. ., Downer, R., & Stephenson, D. O. (2010). Impact of Mixing an Aqueous Capsule Suspension Formulation of Pendimethalin and Glyphosate on Growth and Yield of SecondGeneration Glyphosate-Resistant Cotton. *Journal of Cotton Science*, 14, 181-185.
36. Miller, D. K., Downer, R., & Stephenson, D. O. (2010). Interactive Effects of Tank-mixed Application of Insecticide, Glyphosate, and Pendimethalin on Growth and Yield of SecondGeneration Glyphosate-Resistant Cotton. *Journal of Cotton Science*, 14, 186-190.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

37. Phillips, B., Curtiss, P., & Lundskow, G. (2010). Workers' Relationships to their Union: The Effects of Transfer Status and Race at a U.S. Automobile Plant. *Social Science Journal*, 47(2), 393-418. 203
38. Pope, C., & Shoultz, G. (2010). An interdisciplinary approach to HIV/AIDS stigma and discrimination in Belize: the roles of geography and ethnicity. *GeoJournal*.
39. Richardson, M., Stephenson, P., & Gabrosek, J. (2010). How LO can you GO?. *Teaching Statistics* 32(1), 8-12.
40. Richardson, M., & Rogness, N. (2010). "An A-MAZE-ing Comparison". Michigan Council of Teachers of Mathematics Summer Data Analysis and Probability Workbook.
41. Richardson, M., & Rogness, N. (2010). "Ordeal by Hunger". Michigan Council of Teachers of Mathematics Summer Data Analysis and Probability Workbook.
42. Rogness, N. (2010). "If You Can't Take the Heat". Michigan Council of Teachers of Mathematics Summer Data Analysis and Probability Workbook.
43. Rogness, N., Fisher, D., & Kaplan, J. (2010). Lexical Ambiguity in Statistics: How students use and define the words: association, average, confidence, random, and spread. *Journal of Statistics Education*, 18(2).
44. Downer, R., & Richardson, P. (2009). Illustrative Logistic Regression Examples using PROC LOGISTIC: New Features in SAS/STAT 9.2' Proceedings of the Pharmaceutical SAS Users Group Annual Meeting. paper SP03.
45. Frobish, D., Ebrahimi, N., & Polansky, A. (2009). Parametric Estimation of Change-Points for Panel Count Data in Recurrent Events Models. *Journal of Statistics and Applications*, 4, 45-66.
46. Frobish, D., & Ebrahimi, N. (2009). Parametric Estimation of Change-Points for Actual Event Data in Recurrent Events Models. *Computational Statistics and Data Analysis*, 53, 671-682.
47. Horton, N., Rogness, N., Walker, J., & Jersky, B. (2009). "Experiences Involving Undergraduates in Statistical Consulting". *Proceeding of the Joint Statistical Meetings*. Washington, D.C.:
48. Gabrosek, J. (2009). Fennville District Library Survey Executive Summary.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

49. Kaplan, J., Fisher, D., & Rogness, N. (2009). "Lexical Ambiguity in Statistics: What do Students Know about the Words: Association, Average, Confidence, Random, and Spread?". *Journal of Statistics Education*, 17(3).
50. Lundskow, G., Phillips, B., Curtiss, P., Rehorst, K., & Wehr, A. (2009). The Workers May Yet Unite: Media Misdirection Versus The Political and Cultural Economy of the US Auto Industry and Worker Attitudes. *Fast Capitalism*, 5(2), 37.
51. Phillips, B., Lundskow, G., Curtiss, P., Rehorst, K., & Wehr, A. (2009). The Workers May Yet Unite: Media Misdirection Versus the Political and Cultural Economy of the US Auto Industry and Worker Attitudes.
52. Richardson, M., Reischman, D., & Stephenson, P. (2009). United States of Obesity. GVSU Department of Statistics Technical Paper #901. Allendale, Michigan: Grand Valley State University, Department of Statistics.
53. Rogness, N. & Richardson, M. (2009). "Ordeal by Hunger: An Introductory Statistical Analysis of the Donner Party Deaths". Paper #902. Allendale, Michigan: Grand Valley State University, Department of Statistics.
54. Stephenson, P., Richardson, M., Gabrosek, J., & Reischman, D. (2009). How LO can you GO? Using the Dice-Based Golf Game GOLO to Illustrate Inferences on Proportions and Discrete Probability Distributions. *Journal of Statistics Education*, 17(2).
55. Anderson, K. (2008). Is Global Warming Real? Statisticians Say Yes!. *Interchange Electronic Newsletter*. 2nd Edition, Vol. 15.
56. Arradaza, N., & Gabrosek, J. (2008). Technical Paper #804, GVSU, Statistics Department. 2010 Healthy Kent Breastfeeding Task Force Survey of New Mothers.
57. Jinn, J., Song, C. C., & Chao, J. C. (2008). A Study of Fuzzy Linear Regression. *Journal of InterStat*.
58. Hong, S., & Jelsema, C. (2008). Exploration of Power Transformations with Monotonic Curvilinear Responses. Technical Paper Series (#803). 204
59. Lee, C., Mocko, M., Moreno, J., & Rogness, N. (2008). "An Overview of K – 16 Poster and Project Competitions". *Proceedings of the Joint Statistical Meetings*. Denver, Colorado.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

60. Richardson, M., & Stephenson, P. (2008). Dead Men Walking. *Mathematics Teacher* (Media Clips Section), 102(7).
61. Richardson, M., & Stephenson, P. (2008). Why Introductory Statistics Courses Should Not Be Mapless. *Proceedings of the Joint Statistical Meeting, Statistical Education Section*.
62. Zeitler, D. (2008). Decision Bonsai Provide Students a Glimpse of Structure. *GVSU Department of Statistics Technical Paper #806*.
63. Boomer, K., Jersky, B., & Rogness, N. (2007). Statistical Consulting Courses for Undergraduates: Fortune or Folly?. *Journal of Statistics Education*, 15(3).
64. Jinn, J., Song, C. C., & Mou, W. B. (2007). An Application of the Generalized Shrunk Least Squares Estimator on Principal Component Regression. *Journal of InterStat*.
65. Anderson, K. (2007). *TI-83 Technology Manual for Agresti and Franklin's Statistics: The Art and Science of Learning from Data*. Pearson Education.
66. Curtiss, P., & Anderson, K. (2007). Teaching a "History of Statistics" Discussion Course. *American Statistical Association Proceedings, Education Section*.
67. Gabrosek, J., Stephenson, P., & Richardson, M. (2007). How LO Can You GO? Using GOLO to Illustrate the Sampling Distribution of a Sample Proportion. *Mathematics Teacher*(101), 545-549.
68. Gabrosek, J., & Richardson, M. (2007). Sowing the Seeds. *GVSU Department of Statistics Technical Paper #802*.
69. Hoyle, J. D., Jones, J. S., Diebel, M., Lock, D., & Reischman, D. (2007). Comparative Study of Airway Management Techniques with Restricted Access to Patient Airway. *Prehospital Emergency Care*, 11(3), 330.
70. Richardson, M. (2007). Estimating Metropolitan Statistical Area Population. *GVSU Department of Statistics Technical Paper # 801*.
71. Shoultz, G., Givens, J., & Drane, J. Wanzer (2007). Urban Form, Heart Disease and Geography: A Case Study in Composite Index Formation and Bayesian Spatial Modeling. *Population Research and Policy Review*, 26, 661-685.
72. Stephenson, P., Richardson, M., & Gabrosek, J. (2007). An Analysis of GOLO (a Dice-based Golf Game). *Proceedings of the First International Conference on Mathematics in Sport*.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

73. Stevenson, J., Stephenson, P., Hoffman, M., Jager, T., VanEngen, E., & Pinter, M. (2007). Effect of Training for Trust in Putting Performance of Skilled Golfers: A Randomized Controlled Trial. *Annual Review of Golf Coaching*.
74. Stevenson, J. R., Moore, B., Pinter, M., Stephenson, P., Liley, M., Elliot, D., & Brossman, M. (2007). Effects of trust on the performance of tee and pitch shots in golf. *Annual Review of Golf Coaching*, 1, 47-66.
75. Stevenson, J., Moore, B., Pinter, M., Stephenson, P., Liley, M., Elliot, D., & Brossman, M. (2007). Effects of Trust Training in Tee and Pitch Shots in Golf. *Annual Review of Golf Coaching*.
76. Zeitler, D., McKean, J., & Kapenga, J. (2007). Empirical Spectral Test (EST) for Random Sequences. *Proceeding of the Joint Statistical Meeting*.
77. Zeitler, D. (2007). Laboratory QC Statistics for EQG08-022.01 2005-2006 QC Project Report. Ford Motor Company Technical Series Paper.
78. Bekele, A., Hudnall, W.H., & Downer, R. (2006). Woody encroachment effects on the calcareous prairie soils of Louisiana. *Journal of Geophysical Research* (G04010), 111.
79. Gabrosek J. (2006). Designing, Promoting and Implementing a Statistics Poster Competition for Pre-College Students. *ICOTS7 Proceedings*, Salvador, Brazil.
80. Gabrosek J. & Anderson K. (2006). Why Sports Analysts Get it Wrong - Regression to the mean. *Interchange* 12, No. 6, p. 4. 205
81. Jinn, J. (2006). Bayesian Optimal Choice of Second-phase Sample Sizes in a Two-phase Sampling Design. *Journal of Statistics and Applications*, 1(1).
82. Jinn J.H., C.T. Cheng, C.C. Song (2006). Bayesian Optimization of Second-Phase Sub-Sample Size of a Fish Population. *Journal of Statistics and Application*, Vol. 1, No. 1, 2006, Page 73-90
83. Hong S, Curtiss P, Stephenson P, Anderson K, Otieno S (2006). 500 Show up for Statistics Career Day. *AMSTAT NEWS*; Issue 343, pp. 16-17.
84. Gabrosek J (2006). The Educated Sports Fan: Using Statistics to Analyze Sports Data. Unpublished text utilized in the instruction of STA 345.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

85. Lapham, SC, Kapitula, LR, C'de Baca, J, and McMillan, GP (2006). Impaired-driving recidivism among repeat offenders following intensive court-based intervention. *Accident Analysis and Prevention*, 38:162-169.
86. Richardson, M., & Stephenson, P. (2006). I Spy: Assessing the Reliability of Eyewitness Testimony. *Proceedings of the Joint Statistical Meeting, Statistical Education Section*.
87. Otieno S, Anderson-Cook C (2006). Measures of Preferred Direction for Circular Data for Experimental and Ecological Data. *Journal of Environmental and Ecological Sciences*.
88. Otieno, S., & Anderson-Cook, C.M. (2006). A Hodges-Lehmann Estimator of Preferred Direction for Curcular Data. *Journal of Statistics and Applications*, 1, 155-169.
89. Otieno, S., & Anderson-Cook, C.M. (2006). Effect of Position of an Outlier on the Influence curve of Measures of Preferred Direction for Circular Data. *Journal of Modern Applied Statistical Methods*, 41, 81-89.
90. Phillips, B., & Curtiss, P. (2006). Union Commitment and Citizenship Behavior: Survey Analysis of a U.S. Automobile Plant. *Social Orders and Disorders*.
91. Scroggs, D.M., Miller, D.K., Vidrine, P.R., & Downer, R. (2006). Evaluation of weed control and crop tolerance with co-application of glyphosate and pyraflufen-ethyl in glyphosate-resistant soybean (Glycinemax). *Weed Technology*, 20, 1035-1039.
92. Shoultz, G., Stephenson, P., & Drane, J. W. (2006). A Power Analysis of Two Surveillance Methods in Terms of Average Run Lengths. *Proceedings of the Joint Statistical Meeting*.
93. Stephenson, P., Richardson, M., & Gabrosek, J. (2006). How Lo can you Go? Analyzing Probabilities for the Dice-based Golf Game GOLO. *Proceedings of the Joint Statistical Meeting, Statistical Education Section*.
94. Berg, A.T., Smith, S.N., Frobish, D., Levy, S.R., Testa, F.M., Beckerman, B., & Shinnar, S. (2005). Special Education Needs of Children with Newly Diagnosed Epilepsy. *Developmental Medicine & Child Neurology*, 47, 749-753.
95. Coffey, D., & Richardson, M. (2005). Rethinking Fair Games. *Mathematics Teaching in the Middle School*, 10(6).



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

96. Curtiss, P., & Rogness, N. (2005). Statistical Consulting Newsletter. American Statistical Association, 22(3).
97. Miller, D.K., Downer, R., Burris, E., Leonard, B.R., & Williams, B.J. (2005). Control of selected broadleaf weeds with glufosinate as influenced by insecticide co-application. *Weed Technology*, 19, 719-723. 206
98. Miller, D. K., Downer, R., Burris, E., Wilcut, J.W., & Cook, D.R. (2005). Trifloxysulfuron and insecticide combination effects on broadleaf weed and thrips control in cotton. *Weed Technology*, 19, 762-767.
99. Kapitula, L.R. and Bedrick, E.J. (2005). Diagnostics for the exponential normal growth curve model. *Statistics in Medicine*, 24:95-108.
100. Richardson M, Rogness N, Gajewski B (2005). 4 out of 5 Students Surveyed Would Recommend this Activity (Comparing Chewing Gum Flavor Durations). *Journal of Statistics Education*; Vol. 13, No. 3.
101. Richardson, M. (2005). How LO can you GO? Analyzing Probabilities for the Dice-Based Golf Game GOLO. *Proceedings of the American Statistical Association, Statistical Education Section*.
102. Richardson, M., & Coffey, D. (2005). What is the Probability of 'Pigging Out'?. *Proceedings of the American Statistical Association, Statistical Education Section*. 103. Stephenson P (2005). The Problem with Probability. *Interchange*; January 2005.
104. Otieno S, Anderson-Cook C (2005). Effect of Position of an Outlier on the Influence Curve of the Measures of Preferred Direction for Circular Data. *Journal of Modern Applied Statistical Methods*; Vol. 4, No. 1.
105. Shoultz G (2005). Three Measures of Urban Form and Heart Disease: A Bayesian Spatial Analysis. *ASA Proceedings of the Section on Bayesian Statistical Science*.
106. Zeitler, D. (2005). Phased Projects to Reinforce DOE and Statistical Quality Methods. *Proceedings of the Joint Statistical Meeting, Minneapolis*.
107. Richardson M, Gabrosek J, Reischman D, Curtiss P (2004). Morse Code, Scrabble, and the Alphabet. *Journal of Statistics Education*; Vol. 12, No. 3.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

108. Richardson M, Basu AP (2004). Inferences on the Parameters and System Reliability for a Failure Truncated Power Law Process: A Bayesian Approach Using a Change-point. Proceedings for the JSM of the ASA.
109. Gabrosek J, Richardson M (2004). Sowing the Seeds: A Statistical Exploration. Joint Statistical Meetings Proceedings; American Statistical Association, Alexandria, VA.
110. Shoultz, G. (2004). Urban Sprawl/Effect and Chronic Obstructive Pulmonary Disease: A Bayesian Spatial Analysis with Maps. American Statistical Association 2004 Proceedings of the Section on Bayesian Statistical Science.
111. Richardson M, Gabrosek J (2004). A-B-C, 1-2-3. Mathematics Teacher; Issue 97, pp. 270-282.
112. Jinn JH (2004). The President's Problem. Journal of Modern Applied Statistical Methods; Vol. 3, No. 2, pp. 476-484.
113. Leidig, P. M., Tusch, G., Wolffe, G. S., Stephenson, P., Larson, D., & Kindschi, D. (2004). Developing a Medical & Bioinformatics Masters Degree, with Tusch, et. al. Poster Presentation, ACM SIGCSE 2004.
114. Reischman D, Richardson M (2004). Cumulative Number of Reported Probable Cases of Severe Acute Respiratory Syndrome (SARS). Mathematics Teacher; September.
115. Beckmann C, Wells P, Gabrosek J, Billings E, Aboufadel E, Curtiss P, Dickinson W, Austin D, Champion A (2004). Enhancing the Mathematical Understanding of Prospective Teachers Using Standards-Based, Grades K-12 Activities. Perspectives on the Teaching of Mathematics, 66th Yearbook, NCTM, Rubenstein and Bright, eds.; Reston, VA, pp. 151-163.
116. Pankey, J.H., Griffin, J.L., Leonard, B.R., Miller, D.K., Downer, R., & Costello, R.W. (2004). Glyphosate-insecticide combination effects on weed and insect control in cotton. Weed Technology, 18(4), 698-703.
117. Downer, R., & Moser, E.B. (2004). Prediction Performance of Correlated Error Procedures for Spatial Counts. Communications in Statistics, Simulation and Computation, 33, 363-376. 207
118. Miller, D.K., Downer, R., Leonard, B.R., Holman, E.M., & Kelly, S.T. (2004). Response of nonglyphosate-resistant cotton to reduced rates of glyphosate. Weed Science, 52, 178-182.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

119. Miller, D.K., Burris, G., Costello, R.W., Downer, R., Grimmin, J.L., Leonard, B.R., & Pankey, J.H. (2004). J.W. Integrating Herbicides and Insecticides in Cotton. Louisiana Agriculture.
120. Berg, A.T., Shinnar, S., Testa, F.M., Levy, S.R., Frobish, D., Smith, S.N., & Beckerman, B. (2004). Status epilepticus after the initial diagnosis of epilepsy in children. *Neurology*, 63, 1027-1034.
121. Richardson, M., & Haller, S. (2004). Comparing Kisses. *Mathematics Teaching in the Middle School*, 10(4).
122. Richardson, M., & Coffey, D. (2004). What are the Chances of a "Pig Out"? *Mathematics in Michigan*, 43(1).
123. Richardson, M., & Basu, A. P. (2004). Inferences on the Parameters and System Reliability for a Failure-Truncated Power Law Process: A Bayesian Approach using a Change-Point.. *International Journal of Reliability, Quality and Safety Engineering: Special Issue on Reliability and Survival Analysis*, 11(2).
124. Terpstra, J.T., McKean, J.W., & Anderson, K. (2003). Studentized Autoregressive Time Series Residuals. *Computational Statistics*, 18, 123-141.
125. Spencer, S. S., Berg, A. T., Vickrey, B. G., Sperling, M. R., Bazil, C. W., Shinnar, S., Langfitt, J. T., Walczak, T. S., Pacia, S. V., Ebrahimi, N., & Frobish, D. (2003). Initial outcomes in the Multicenter Study of Epilepsy Surgery. *Neurology*, 63, 1680-1685.
126. Viator, H. P., Downer, R., & Wolcott, M. C. (2003). The Application of Precision Farming Technologies to Sugarcane – Using Soil Electrical Conductivity for Variable Nitrogen Rate Management. *Sugar Bulletin*(82), 15-17.
127. Bagwell, R. D., Leonard, B. R., Hardwick, J. W., Barnham, E., Magoun, D., Price, R., Downer, R., & Paxton, K. W. (2003). Precision Agriculture Aids Cotton Pest Management. *Louisiana Agriculture*.
128. Downer, R., & Hyatt, P.E. (2003). Recommendations concerning the identification of *Carex retroflexa* and *Carex texensis*. *Castanea*, 68, 245-253.
129. Gabrosek, J., & Richardson, M. (2003). Sowing the Seeds: A Statistical Exploration. *Proceedings of the American Statistical Association, Statistical Education Section*.
130. Jinn, J. (2003). Introduction to SPSS Windows version 11.0. *Statistics for Management and Economics*.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

131. Miller, D.K., Downer, R., Leonard, B.R., Holman, E.M., & Kelly, S.T. (2003). Response of nonbromoxynil-resistant cotton to reduced rates of bromoxynil. *Weed Science*, 51, 786-791.
132. Miller, D.K., Downer, R., Leonard, B.R., Holman, E.M., & Kelly, S.T. (2003). Response of nonglufosinate-resistant cotton to reduced rates of glufosinate. *Weed Science*, 51, 781-785.
133. Miller, D. K., Downer, R., Wilcut, J. W., Burris, E., Costello, R. W., Lee, D. R., & Sanders, K. (2003). Evaluation of Envoke/insecticide combinations for broadleaf weed and thrips control. *Proc. Southern Weed Science Society*, 68.
134. Miller, D. K., Downer, R., Wilcut, J. W., Burris, E., Costello, R. W., Lee, D. R., & Sanders, K. (2003). Evaluation of Envoke/insecticide combinations for broadleaf weed and thrips control. *Proc. Southern Weed Science Society*, 2299.
135. Miller, D. K., Downer, R., Wilcut, J. W., Burris, E., Costello, R. W., Lee, D. R., & Sanders, K. (2003). Broadleaf weed and thrips control with Envoke/insecticide combinations. *Proc. Southern Weed Science Society*(56), 287.
136. Miller, D. K., Downer, R., Kelley, S. T., & Vidrine, P. R. (2003). Nontransgenic Cotton Response to Off-target Herbicides. *Louisiana Agriculture*.
137. Otieno, S., & Anderson-Cook, C.M. (2003). A More Efficient Way of Obtaining Unique Median Estimate for Circular Data. *Journal of Modern Applied Statistical Methods*, 31, 168-176. 208
138. Phillips JH, Gabrosek J, Rediske R, O'Keefe J (2003). Supplement to Determination of Interlaboratory Detection and Quantification Levels for Polychlorinated Biphenyls. Michigan Manufacturers Association; Lansing.
139. Rediske, R., Schelske, C., Gabrosek, J., Nalepa, T., Thompson, C., & Peaslee, G. (2003). Preliminary investigation of the extent of sediment contamination in Muskegon Lake. EPA, Chicago: Great Lakes National Program Office, #GL-97520701-01.
140. Richardson M (2003). An Unusual Episode. *The Statistics Teaching and Resource (STAR) Library*; March 17.
141. Richardson, M., & Gajewski, B. (2003). Archaeological Sampling Strategies. *Journal of Statistics Education*, 11(1).



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

142. Richardson, M. (2003). Confident in a Kiss?. *Teaching Statistics*, 25(1).
143. Richardson, M., & Reischman, D. (2003). Cumulative Number of Reported Probable Cases of Severe Acute Respiratory Syndrome (SARS). *Mathematics Teacher Media Clip*, 98(2).
144. Richardson, M., Rogness, N., & Gajewski, B. (2003). Using Chewing Gum to Illustrate Introductory Statistical Concepts. *Proceedings of the American Statistical Association, Statistical Education Section*.
145. Anderson-Cook, C.M., & Otieno, S. (2002). Circular Data. *Encyclopedia of Environmentrics*(1), 338-340.
146. Bekele, A., Downer, R., Wolcott, M. C., & Moore, S. M. (2002). Comparative Evaluation of Spatial Prediction Methods in a Field Experiment for Mapping Soil Potassium. *Soil Science*(168), 15-28.
147. Bergh, J.C., McCoy, C.W., & Otieno, S. (2002). Diel periodicity of emergence of adult citrus rust mites in Central Florida. *Journal of Experimental and Applied Acarology*(26), 169-185.
148. Curtiss, P., Gabrosek, J., & Reischman, D. (2002). Statistics Posters Judged. *Interchange*, 9.
149. Downer, R. (2002). A permutation alternative and other test procedures for spatially correlated data in one-way ANOVA. *Journal of Statistical Computation and Simulation*(72), 747-757.
150. Downer, R., & Hyatt, P. E. (2002). Identifying Plant Species: A Botanical Analysis Using PROC DISCRIM. *Proceedings of the Twenty-Seventh Annual SAS Users Group International Conference*.
151. Downer, R. (2002). Prediction Performance of Correlated Error Procedures for Spatial Counts. LSU Dept. Experimental Statistics Technical Report. RR-02-36.
152. Guster, D., Robinson, D., Litvinov, S., & Richardson, M. (2002). A Comparison of Stochastic Models for the Interarrival Times of Packets in a Computer Network. *Optimal Information Modeling Techniques*.
153. Jinn JH (2002). SPSS Windows version 11.0 instructions for the sixth edition of the textbook *Statistics for Management and Economics*.
154. Leonard, B. R., Bagwell, R. D., Price, R., Downer, R., Paxton, K. W., Hague, S., Magoun, D., Bethel, M., Seal, M., & Hardwick, J. (2002). Improving cotton IPM with spatially variable insecticide (SVI) applications. *Proc. Beltwide Cotton Conference*, 2045.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

155. Phillips JH, Gabrosek J, Rediske R, O'Keefe J (2002). Determination of Interlaboratory Detection and Quantification Levels for Polychlorinated Biphenyls. Michigan Manufacturers Association Report; Lansing, MI.
156. Gabrosek J, Cressie N (2002). The Effect on Attribute Prediction of Location Uncertainty in Spatial Data. *Geographical Analysis* (34), 262 - 285. 209
157. Huang HC, Cressie N, Gabrosek J (2002). Fast Spatial Prediction of Global Processes from Satellite Data. *Journal of Computational and Graphical Statistics* (11), 63 - 88.
158. Johnson, R. M., Downer, R., Bradow, J. M., Bauer, P. J., & Sadler, E. J. (2002). Variability in Cotton Fiber Yield, Fiber Quality, and Soil Properties in a Southeastern Coastal Plain. *Agronomy Journal*(94), 1305-1316.
159. Richardson M, Curtiss P, Gabrosek J (2002). What is the Significance of a Kiss? The Statistics Teaching and Resource (STAR) Library; June 6.
160. Richardson M, Curtiss P, Gabrosek J, Reischman D (2002). Rectangularity. The Statistics Teaching and Resource (STAR) Library; September 9.
161. Richardson, M., & Haller, S. (2002). What is the Probability of a Kiss? (It's Not what You Think). *Journal of Statistics Education*, 10(3).
162. Rogness, N., Stephenson, P. A.B., & Stephenson, P. (2002). *SPSS Manual for Moore and McCabe's Introduction to the Practice of Statistics In 4th (Ed.)*, New York, New York: W. H. Freeman and Company.
163. Zeitler, D., McKean, J., & Kapenga, J. (2002). Empirical Spectral Analysis of Random Number Generators. *Proceeding of the 34th Symposium on the Interface*. Montreal, Quebec, Canada.
164. Benfield, M. B., & Downer, R. (2001). Spatial and temporal variability in the nearshore distributions of postlarval *Farfantepenaeus aztecus* along Galveston Island, Texas. *Estuarine, Coastal and Shelf Science*(52), 445-456.
165. Downer, R. (2001). Testing for elevated disease rates using smoothed estimates. *Statistics in Medicine*(20), 917-933.
166. Downer, R. (2001). A permutation alternative and other test procedures for spatially correlated data in one-way ANOVA. LSU Dept. Experimental Statistics Technical Report. RR-01-35.



GRAND VALLEY STATE UNIVERSITY®

DEPARTMENT OF STATISTICS

167. Downer, R., & Moser, E. B. (2001). On the generation of a multivariate spatial Poisson distribution. LSU Dept. Experimental Statistics Technical Report. RR-01-35.
168. Rediske R, Gabrosek J, Thompson C, Bertin C, Blunt J (2001). Preliminary Investigation of the Extent of Sediment Contamination in Manistee Lake. AWRI Publication #TM-2001-7; Allendale, MI.
169. Guster, D., Robinson, D., Litvinov, S., & Richardson, M. (2001). A Comparison of Stochastic Models for the Interarrival Times of Packets in a Computer Network. Proceedings of the Information Resources Management Association International Conference.
170. Hong S (2001). SAS for Windows, Third Edition. Stipes Publishing L.L.C.; Champaign, IL.
171. Zeitler, D. (2001). Empirical Spectral Testing of Random Number Generators. Doctoral Dissertation, Western Michigan University.
172. Gabrosek J, Schuckers ME (2001). Breaking the Code - A Graphical Exploration Using Bar Charts. The Statistics Teaching and Resource (STAR) Library; October 25.
173. Otieno, S., & Nassiuma, D.K. (2001). Gamma and Exponential Auto-regressive Moving Averages. Journal of Agricultural Science and Technology, 3, 71-80.
174. Sutor, M. M., Ramcharan, C. W., & Downer, R. (2001). Predation effects of two densities of fourth-instar Chaoborus Trivittatus on a freshwater zooplankton assemblage. Hydrobiologia(12), 121-131.
175. Downer, R., & Hamilton, D. C. (2000). A penalized multinomial approach to smoothed estimation of disease incidence. Biometrical Journal (42), 395-415.
176. Downer, R. (2000). A primer in spatial simulation with PROC SIM2D. Proceedings of the TwentyFifth Annual SAS Users Group International Conference.
177. Gabrosek, J., Curtiss, P., Reischman, D., & Rogness, N. (2000). Statistics poster competition update - putting it all together. Interchange, 7(1). 210
178. Utts, J.M. Niemeier, D.A. and Ring (Kapitula), L.T. (2000). Statistical Methods for Estimating Speed Correction Factors with Confidence Intervals for Mobile Source Emissions Models. Transportation Research Part D, pp. 103-200.



GRAND VALLEY STATE UNIVERSITY[®]

DEPARTMENT OF STATISTICS

179. Garrett, R., & Stephenson, P. (2000). Industrial Partners Providing their Production Facility as an On-line Quality Control Laboratory. Proceedings of the American Society for Engineering Education's Annual Conference.
180. Jinn, J. (2000). The Effect of Different Imputation Methods on Analytical Statistics of Simple Linear Regression. Journal of InterStat.
181. Jinn, J. (2000). The Statistician's Problem. Journal of InterStat.
182. Rockwood, K., Strang, D., Macknight, C., Downer, R., & Morris, J. C. (2000). Interrater reliability of the Clinical Dementia Rating in a multicenter trial. Journal of the American Geriatric Society(48), 557-559.
183. Stephenson, P., & Garrett, R. (2000). How a Course in Statistical Process Control Can Utilize Realtime Data from an Industrial Production Facility. Proceedings of the American Society for Engineering Education's Annual Conference.