CURRICULUM VITA
Jeffrey J. Green
2015

PROFESSIONAL BACKGROUND

Name: Jeffrey J. Green
Rank: Associate Professor of Economics
Address: Department of Economics
    Miller College of Business
    Ball State University
    Muncie, IN 47306
Office: WB 109
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E-mail: jgreen@bsu.edu

Area of Academic Discipline Specialization: Applied Statistics

Degrees:
 Doctoral Degree:
   Name of Degree: Ph.D.
   Year Conferred: 1972
   Degree-Granting Institution: Cornell University
   Principal Academic Unit: College of Engineering
   Major Field of Study: Applied Statistics, Operations Research
   Minor Field of Study: Mathematical Statistics
   Dissertation Title: "Two Runs Tests of Randomness against Trend"

 Masters Degree:
   Name of Degree: Master of Science
   Year Conferred: 1971
   Degree-Granting Institution: Cornell University
   Major Field of Study: Operations Research

 Bachelors Degree
   Name of Degree: Bachelor of Science
   Year Conferred: 1968
   Degree-Granting Institution: Case Institute of Technology
   Major Field of Study: Mathematics

Academic Experience:

1992 – Present	Associate Professor, Department of Economics, Miller College of Business, Ball State University, Muncie, Indiana
1980 – 1992	Associate Professor of Management Science, Miller College of Business, Ball State University, Muncie, Indiana
1977 – 1980	Assistant Professor of Management Science, Miller College of Business, Ball State University, Muncie, Indiana
1972 – 1977	Assistant Professor of Industrial Engineering, Illinois Institute of Technology, Chicago, Illinois

INSTRUCTIONAL EXPERIENCE FOR MOST RECENT CALENDAR YEAR

Courses Taught:

ECON 221	Business Statistics
ECON 221 (M)	Business Statistics (Miller Honors Section)
ECON 221 (H)	Business Statistics (Honors Section)

Other:

Supplemented the ECON 221 course material by requiring the reading of the book *How to Lie with Statistics* so that the students could better learn to recognize and defend themselves from the misuse of statistics by unscrupulous individuals and organizations.

Required every student in ECON 221 to submit a statistic which had recently been published in a magazine, newspaper, book, or on the Internet. This statistic had to be properly referenced and then analyzed as to the appropriateness of the sample size, the method of data collection, and the validity of the statistic's interpretation and use. In the honors section the students had to submit two different types of such statistics (e. g. one mean and one median).

Developed and implemented a semester-long "scavenger hunt" for the honors students to conduct in order to find statisticians who are famous for seemingly non-statistical accomplishments (e.g. Alexander Graham Bell was a member of the American Statistical Association). The purpose of this project was to show that statistical reasoning and the ability to do statistical analyses are valuable in a variety of settings and fields of endeavor.

Required every student in the honors section to read two essays (one from each of two different fields, (e. g. weather forecasting and cell phone fraud) from *Statistics: A Guide to the Unknown (4th ed.)* and then submit a detailed report on how in each case statistics was used to solve an important problem. Thus students got a better understanding of the practical applications and uses of what they learned in the classroom.

SCHOLARLY ACTIVITIES

Refereed Journal Articles:

2010 – 2014:

Green, J. J., Stone, C. C., & Zegeye, A. (2013). The Major Field Test in Business: A Solution to the Problem of Assurance of Learning Assessment? *Journal of Education for Business*, 89 (1), 20-26.

2005 – 2009:

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2009). How Much Math Do Students Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis. *Journal of Statistics Education*, 17 (3), 21 pages.

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2007). Changes in Math Prerequisites and Student Performance in Business Statistics: Do Math Prerequisites Really Matter? *Journal of Economics and Finance Education*, 6 (2), 27-38.

Refereed Proceedings:

2005 – 2009:

Green, J. J. (2008, April). Completely Balanced Change-Over Designs for First and Second Residual Effects. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 11 pages.

Green, J. J. (2006, August). On Goodman and Kruskal's 'G' and Stuart's Measure of Association. *Conference Proceedings of the American Statistical Association National Meeting*, 1727-1731.

Green, J. J. & Nelson, R. (2005, August). A Union-Intersection Censored Data Test for the Equality of Exponential Distribution Location Parameters. *Conference Proceedings of the American Statistical Association National Meeting*, 1729-1734.

2000 – 2004:

Green, J. J. (2003, February). An Approximation to the Power Function of a Preference Test when the Probability of No Preference is Large. *Conference Proceedings of the Southeast Decision Sciences Institute's Annual Meeting*, 349-351.

Green, J. J. & Nelson, R. (2002, March). Choosing the *m* out of *k* Normal Populations with the Largest Means When the Variances are Unknown. *Conference Proceedings of the Northeast Decision Sciences Institute's Annual Meeting*, 319-321.

Green, J. J. (2001, April). A Comparison of Two Measures of Association for a Two-Way Contingency Table. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 120-122.

Green, J. J. & Nelson, R. (2000, April). A Union-Intersection Procedure for Testing the Location Parameter of Exponential Distributions. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 175-177.

Prior to 2000:

Green, J. J. & Nelson, R. (1998, November).Testing the Location Parameters of Exponential Distributions. *Conference Proceedings of the Decision Sciences Institute's National Meeting*, 2, 1126-1128.

Green, J. J. & Nelson, R. (1997, April). An Extremal Quotient Test for the Location Parameter of the Exponential Distribution. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 231-233.

Green, J. J. (1996, April). A New Class of Balanced Change-Over Designs. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 251-255.

Green, J. J. (1995, November). Latin Square Designs Balanced for the Residual Effect of the Preceding Treatment. *Conference Proceedings of the Decision Sciences Institute's National Meeting*, 2, 1059-1061.

Green, J. J. (1994, November). A Comparison of Several Common Growth Parameter Estimators. *Conference Proceedings of the Decision Sciences Institute's National Meeting*, 2, 1373-1375.

Green, J. J. (1993, April). Simultaneous Estimation of Poisson Means. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 145-146.

Green, J. J. (1992, March). Upper Tolerance Limits for the Largest Observation in Life Testing. *Conference Proceedings of the Southwest Decision Sciences Institute's Annual Meeting*, 110.

Green, J. J. (1991, February). Estimating the Mean of the Normal When It is in the Interval [0, 1]. *Conference Proceedings of the Southeast Decision Sciences Institute's Annual Meeting*, 95-97.

Green, J. J. (1990, November). Estimating Expected Lifetime in the Presence of a Spurious Observation. *Conference Proceedings of the Decision Sciences Institute's National Meeting*, 1, 185-187.

Green, J. J. (1989, March). The Survival Function for the Exponential Model. *Conference Proceedings of the Southwest Decision Sciences Institute's Annual Meeting*, 1-3.

<u>Non-Refereed Proceedings:</u>

2005 – 2009:

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2007, May). The Impact of Different Math Prerequisites on the Performance of Business Statistics Students. *Proceedings of the Conference on the Occasion of the Retirement of Mir Masoom Ali*, 276-285.

<u>Papers in the Economics Department Working Paper Series</u>

2010 – 2014:

Green, J. J., Stone, C. C., Yoho, D. L., & Zegeye, A. (2013). Will They Ever Learn Economic Principles? Are University Economics Faculty and Students Really that ObTUCE?

Green, J. J., Stone, C. C., & Zegeye, A. (2012). The Major Field Test in Business: A Pretend Solution to the Real Problem of Assurance of Learning Assessment. Published in the *Journal of Education for Business,* 2013, 89 (1).

2005 – 2009:

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2008). How Much Math Do Students Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis. Published in the *Journal of Statistics Education*, 2009, 17 (3).

<u>Presentations at Conferences:</u>

2010 – 2014:

Green, J. J., Stone, C. C., Yoho, D. L., & Zegeye, A. (2013, May). Will They Ever Learn Economic Principles? Are University Economics Faculty and Students Really that ObTUCE? Eastern Economic Association Annual Meeting.

Green, J. J., Stone, C. C., & Zegeye, A. (2012, March). Wicked Problems and Pretend Solutions: Assurance of Learning and the Major Field Test in Business. Eastern Economic Association Annual Meeting.

2005 – 2009:

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2008, March). How Much Math Do Students Really Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis. Midwest Economics Association Annual Meeting.

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2008, March). How Much Math Do Students Really Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis." Eastern Economic Association Annual Meeting.

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2006, March). Changes in Math Prerequisites and the Performance of Business Students. Midwest Economics Association Annual Meeting.

2000 – 2004:

Green, J. J. & Nelson, R. (2004, August). Using Censored Data to Test the Location Parameters of Several Exponential Distributions. National Meeting of the American Statistical Association.

Green, J. J. & Nelson, R. (2000, August). Another Test for the Location Parameter of the Two-Parameter Exponential Distribution. National Meeting of the American Statistical Association.

Prior to 2000:

Green, J. J. & Nelson, R. (1999, August). A Scale-Free Early Rejection Test of the Location Parameter of the Exponential Distribution. National Meeting of the American Statistical Association.

Green, J. J. (1998, March). Another Type of Balanced Change-Over Design. Annual Meeting of the Institute of Mathematical Statistics.

Green, J. J. (1997, August). A Simplified Technique for Balancing the Previous Treatment's Residual Effect in a Latin Square Design. National Meeting of the Institute of Mathematical Statistics.

Green, J. J. (1996, August). Estimation of the Growth Rate Parameter for Three Secular Trend Models. National Meeting of the American Statistical Association.

Green, J. J. (1995, July). On Estimating Several Poisson Parameters. National Meeting of the Institute of Mathematical Statistics.

Green, J. J. (1994, June). Upper Tolerance Limits in the Two-Parameter Exponential Distribution. National Meeting of the Institute of Mathematical Statistics.

Presentations at Economics Department Seminars:

2010 – 2014:

Green, J. J., Stone, C. C., Yoho, D. L., & Zegeye, A. (2013, October). Will They Ever Learn Economic Principles? Are They Really that ObTUCE?

Green, J. J., Stone, C. C., & Zegeye, A. (2012, April). The Major Field Test in Business: A Pretend Solution to the Assurance of Learning Problem.

Referee Positions:

2004 – 2014

Reviewer, paper submitted to the Eastern Economic Journal (2013)
Reviewer, paper submitted to the Journal of Statistics Education (2011)
Reviewer, papers submitted to the Decision Sciences Institute's National Meeting (2004-2008)

SERVICE ACTIVITES

2004 – 2014:

University, College, Departmental Committees:

Member, College of Business Scholarship and Awards Committee (2012-present)
Member, Department Committee for the Advancement of Statistics Education (2012-present)
Member, College of Business Diversity Task Force (2011)
Member, College of Business Honors Committee (2010-present)
Member, College of Business Assurance of Learning: Teamwork Subcommittee (2010-2012)
Member, Undergraduate Education Committee (2008-present)
Member, University Senate (2008-2012)
Member, Faculty Council (2008-2012)
Member, College of Business Undergraduate Curriculum Assessment Committee, (2008-2009)
Member, Department Promotion and Tenure Committee (2007-present)
Member, University Grievance Appeals Board (2005-present)
Member, University Library Committee (2005-present), (Chairman 2012-2013)
Member, Public Safety Committee (2001-2010), (Chairman 2003-2006)
Member, Special Leave Committee (2005-2006)
Chairman, University Traffic Appeals Subcommittee (2003-2006)

Professional Memberships:

American Statistical Association
Decision Sciences Institute
Institute of Mathematical Statistics

Professional Positions Held:

Session Chair, National Meeting of the American Statistical Association (2005)

Session Chair, National Meeting of the American Statistical Association (2004)

Academic Activities:

Member, Ball State University Graduate Faculty (2004-2006, 2010-present)

Professional Development:

Received CITI certification to do research involving human subjects (2010)

Participated in the workshop on *What the Best College Teachers Do* by Ken Bain conducted by the Ball State Miller College of Business (2006)

Participated in the workshop on Curriculum Integration conducted by the Ball State Miller College of Business (2005)

Participated in the workshop on Behavioral Research conducted by the Ball State Miller College of Business (2005)

Community Activities:

Consultant, Riverside Cemetery Association, Salem Corners, MN (2004-present)

Board of Directors, Orchard Lawn Neighborhood Association (2004-present)

HONORS AND AWARDS

2005 – 2009:

Special Assigned Leave with Pay (2007)

2000 – 2004:

Dean's Teaching Award, Miller College of Business (2000)

Received the 2003 Best Paper in Statistics Award from the Southeast Decision Sciences Institute for a paper presented at its Annual Meeting

Received the Runner-Up Outstanding Presentation Award from the American Statistical Association for a paper presented at its 2000 National Meeting