

Kenneth J. Ryan

Applied Statistics and Operations Research
Bowling Green State University
Bowling Green, Ohio 43403

Email: kjryan@bgsu.edu
Phone: (419)372-2958
Web: www.cba.bgsu.edu/faculty_staff/ryan/

Education

Ph.D. Statistics	Iowa State University	2001
M.S. Statistics	Iowa State University	1999
B.S. Mathematics and Chemistry	Millikin University	1996

Papers in Refereed Journals

1. **Ryan, K.J.** “Approximate Confidence Intervals for p when Double Sampling,” (Accepted November 2008 *The American Statistician*).
2. Bulutoglu, D.A. and **Ryan, K.J.** (2009), “ D -Optimal and Near D -optimal 2^k Fractional Factorial Designs of Resolution V,” *JSPI*, 139, 16-22.
3. Bulutoglu, D.A. and **Ryan, K.J.** (2008), “ $E(s^2)$ -Optimal Supersaturated Designs with Good Minimax Properties when N is Odd,” *JSPI*, 138, 1754-1762.
4. **Ryan, K.J.** and Bulutoglu, D.A. (2007), “ $E(s^2)$ -Optimal Supersaturated Designs with Good Minimax Properties,” *JSPI*, 137, 2250-2262.
5. Miescke, K.J. and **Ryan, K.J.** (2006), “On the Performance of Gupta’s Subset Selection Rule,” *JSPI*, 136, 2004-2019.
6. Reese, C.S., Wilson, A.G., Hamada, M., Martz, H.F., and **Ryan, K.J.** (2004), “Integrated Analysis of Computer and Physical Experiments,” *Technometrics*, 46, 2, 153-164.
7. **Ryan, K.J.** (2003), “Estimating Expected Information Gains for Experimental Designs with Application to the Random Fatigue-Limit Model,” *The Journal of Computational and Graphical Statistics*, 12, 3, 585-603.
8. **Ryan, K.J.** (2003), “Some Flexible Families of Intensities for Nonhomogeneous Poisson Process Models and Their Bayes Inference,” *Quality & Reliability Engineering International*, 19, 171-181.

Academic Experience

Assistant Professor	Bowling Green State University	8/2006-present
NSF Postdoctoral Fellow	University of Illinois at Chicago	8/2002-12/2003
Lecturer	Northwestern University	8/2001-7/2002
Graduate Assistant	Iowa State University	1/1997-8/2001

Other Professional Experience

Manager	Information Resources Incorporated	8/2004-8/2006
Statistician	Allstate Insurance Company	10/2003-8/2004
Graduate Research Assistant	Los Alamos National Laboratory	1/2000-8/2000

Awards

Iowa State University Teaching Excellence Award, 2000.

Shell Fellowship, 2000.

All College Conference of Illinois and Wisconsin baseball second team, 1996.

Service to Profession

Vice President, ASA Northwest Ohio Local Chapter, F08-present.

Refereed papers: *The American Statistician* (3),
Biometrika (1),
Communications in Statistics–Theory and Methods (2),
Journal of Applied Probability and Statistics (1),
Journal of Applied Statistics (1),
JSPI (8),
Naval Research Logistics (1),
Technometrics (2).

Helped organize the 2003 Conference on New Directions in Experimental Design.

Service to Bowling Green State University

University Graduate Council (Academic Policies and Standards Sub-committee), F06.

College of Business Administration Graduate Advisory Council, F07.

Secretary at departmental meetings, F06-present.

Departmental Library Representative, S07-present.

University Program for Academic Success, F07-present.

College of Business Administration Election Committee, F08-present.

University Katzner/Bookstore Review Committee, F08-present.

Teaching

Statistics 210 (Statistics for Economics Majors), NU: F01, W02, S02.

Statistics 212 (Elementary Statistical Methods II), BGSU: F06, S07, S08, F08.

Statistics 227 (Statistics for Business Majors), ISU: F98, S99, Su99, F00, S01.

Statistics 381 (Statistics for Engineering and Math Majors), UIC: F02, S03, F03.

Statistics 402/502 (Regression Analysis), BGSU: F07, F08.

Statistics 416/516 (Time Series Analysis), BGSU: S07, S08.

Last update: December 2008