

Biographical Sketch
Dr. Jason A. Osborne

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Education:

Northwestern University	M.S., PhD	1992-1997	Statistics
Univ. of Cal.-Santa Barbara	B.S.	1987-1991	Mathematics

Appointments:

Assistant Professor, Dept. of Statistics, NCSU (2001-present)
Assistant Professor, Dept. of Discrete & Stat. Sci., Auburn Univ. (1997-2001)

Professional Societies:

Institute of Mathematical Statistics, American Statistical Association

Relevant Publications:

1. Osborne, J.A. and Grift, T.E. (2003), "A simple linear Boolean model for Mass Flow," to appear, *Proceedings of the Joint Statistical Meetings of the American Statistical Association*. Also available at www4.stat.ncsu.edu/~jaosborn/research/osborne.grift.pdf.
2. Osborne, J.A. (2003), "Markov Chains for the *RISK* board game revisited," *Mathematics Magazine*, 76(2):129-135. Also available at www4.stat.ncsu.edu/~jaosborn/research/RISK.pdf.
3. Osborne, J.A., and Severini, T.A. (2002), "The Sample Lorenz Curve for Goodness-of-fit in the Exponential Order Statistic Model," *Journal of Statistical Computation and Simulation*, 72(1):87-98. Also available at www4.stat.ncsu.edu/~jaosborn/research/lorenz.pdf.
4. Osborne, J.A. and Simonne, E. (2002), "Data Collection and Statistical Topics for the Preparation and Review of Manuscripts Submitted to the 'Variety Testing and Evaluation' category of HortTechnology," *HortTechnology*, 12(4):567-583.
5. Osborne, J.A., and Severini, T.A. (2000), "Inference for Exponential Order Statistic Models based on an Integrated Likelihood Function," *Journal of the American Statistical Association*, 95(452):1220-1128.

Other Publications:

1. Sartin, J., Osborne, J.A. et. al. (2001), "Effect of intracerebroventricular orexin-B on food intake in sheep," *Journal of Animal Science*, 79:1573-1577.
2. Harris, C.E., Osborne, et. al. (2001), "Reducing White-tailed Deer Damage to Landscape Plants with Organic Products," *Journal of Environmental Horticulture*, 19:153-157.
3. Jungblut, P.R., Osborne, J.A., et al., (2000) "Echocardiographic Doppler Evaluation of Left Ventricular Diastolic Filling in Older, Highly Trained Male Endurance Athletes," *Echocardiography*, 17(1):7-16.
4. Phillips, W. and Osborne, J.A. (2000), "Survey of alternative and non-prescription therapy use," *American Journal of Health-System Pharmacy*, 57(14):1361-1362.
5. Storey, B.G., Kirk, M.A., Osborne, J.A., Marks, L.D., Kostic, P., and Veal, B.W. (1996), "Structural features of defect cascades in YBa(2) Cu(3) O(x) as a function of oxygen stoichiometry," *Philosophical Magazine A*, 74(3):617-628.

Collaborators:

Roger Rohrbach, MaryAnne Drake, Edward Foegeding (NCSU)
 Glenn Fain, Christine Coker (Mississippi State University)
 Tony Grift (University of Illinois)
 Ted Henry (University of Georgia)
 Yucheng Feng, Ronald Phelps, James Sartin (Auburn University)

Presentations:

1. "A simple linear boolean model for mass flow" Contributed Talk, Joint Statistical Meetings of the American Statistical Association, New York, NY, Army Conference on Applied Statistics, Raleigh, NC
2. "Statistical issues in variety trials," Invited Talk, Annual International Conference of the American Society for Horticultural Science, Sacramento, CA.
3. "Exponential Order Statistic Models," Invited Talk, Dept. of Statistics, Univ. of Georgia, Athens, GA, Dept. of Mathematical and Computer Science, Loyola University Chicago, IL.
4. "The Sample Lorenz Curve for Goodness-of-fit in the Exponential Order Statistic Model," Invited Talk, Department of Biostatistics, University of Minnesota, Summer, 1998.
5. "Survival Analysis with SAS", Seminar, Alabama Cooperative Extension System, Auburn, AL.