

Introductory Courses

We provide statistics instruction for 3 undergraduates each year.

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Faculty

ALLAN R. SAMPSON
PROFESSOR

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Dr. Sampson has a joint appointment with the Department of Biostatistics in Pitt's Graduate School of Public Health.



Education:

- PhD, Statistics, Stanford University, 1970
- MS, Statistics, Stanford University, 1968
- BA, Mathematics, University of California Los Angeles, 1966

Research Interests:

- Multivariate analysis
- Clinical trials
- Order-restricted inference
- Reliability
- Applications in biopharmaceutics, psychiatry, and medicine
- Stereology

Quote:

"Statistics is the language of science; in the omnipresence of randomness, statistics provides the context and framework for the understanding and interpretation of data."

Courses:

People Links

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- STAT 1632, Intermediate Mathematical Statistics, Spring 2009
- STAT 2381, Supervised Statistical Consulting, Spring 2009, Fall 2008, Fall 2007
- STAT 2321, Applied Statistical Methods 1, Fall 2008
- STAT 3132, Topics in Applied Statistics 2, Fall 2007

Selected Publications:

- Surveying individuals with disabilities. In *Statistics and Public Policy* (Ed. B. Spencer), Oxford University Press, 162-179 (1997).
- Comparison of meta-analysis versus analysis of variance of individual patient data. *Biometrics*, 54, 317-322 (1998) (with I. Olkin).
- Iso-chi-squared testing of 2xk ordered tables. *Canadian Journal of Statistics*, 29, 609-619 (2001) (with S. Gautam and H. Singh).
- Stereological analysis of the mediodorsal thalamic nucleus in schizophrenia: Volume, neuron number and cell types. *Journal of Comparative Neurology*, 472, 449-462, 2004 (with Dorph-Petersen, K.A., Pierri, J.N., Sun, Z., Lewis, D.A.).
- A calculus for design of two-stage adaptive procedures. *Journal of the American Statistical Association*, 100, 197-203 (2005) (with T. Koyama and L. Gleser).
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