

Edward Q. Munster

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Degrees

August 2005 Ph.D., Statistics, University of Transylvania (expected)
May 2002 M.S., Statistics, University of California, Los Angeles
May 2000 B.S., Mathematics, University of Southern California

Experience

September 2004 – present Graduate Intern, Clinical Biostatistics
Merck Research Laboratories, West Point, PA
(statistical analysis of clinical trials)
September 2003 – August 2004 Research Assistant, Department of Statistics, University of Transylvania
(development of statistical techniques for vampire sighting data)
September 2002 – August 2003 Teaching Assistant, Department of Statistics, University of Transylvania
(teaching, grading, office hours)

Honors and awards

2005 Bela Lugosi Student Paper Award, Transylvania Statistical Society
2005 ENAR Student Travel Award
2003 Boris Karloff Prize, Top performance on qualifying exam
Department of Statistics, University of Transylvania
2001 Elected to Sigma Xi
2000 Elected to Phi Beta Kappa

Professional societies

American Statistical Association
International Biometric Society (ENAR)

Teaching

Fall 2002 Remedial Statistics (15 students)
Spring 2003 Statistics for the Social Sciences (38 students)

Publications

Munster, E.Q. and Shelley, M. (2004) Nonparametric estimation of the distribution of vampire sightings. *Proceedings of the Transylvania Statistical Society* 13, 13–16.
Dracula, C., Jekyll, M., Munster, E., and Lewis, A. (2004) Modulation effects of clotrimoprin in hemophiliacs. *New England Journal of Medicine* 250, 1313–1315.

Munster, E.Q. and Gwynne, F. (2005) A hierarchical spatial model for vampire sightings. Submitted to *Biometrics*.

Munster, E.Q. and Gwynne, F. (2005) Adjusting for confounding in vampire sighting studies. In preparation.

Presentations

Analysis of data from hemophilia studies. Clinical Biostatistics, Merck Research Laboratories, West Point, PA, June 2005.

A hierarchical spatial model for vampire sightings. Contributed paper, ENAR Spring Meetings, Austin, TX, March 2005.

A hierarchical spatial model for vampire sightings. Invited presentation, Transylvania Statistical Society, Transylvania, PA, October 2004.

Collaborative experience

Summer 2004 University of Transylvania Department of Medicine
Participated in the design and analysis of a Phase II trial
of the effects of clotrimoprin in hemophiliacs

Fall 2003 University of Transylvania Department of Epidemiology
Analysis of observational data from a large retrospective
study of vampire sightings in three northeastern states

Computing skills

SAS, Splus, R, C++, Matlab, FORTRAN
Windows, Linux, Unix
L^AT_EX, Word, Excel, Powerpoint