

Biostatistics Student Paper Competition

The Department of Biostatistics at BUSPH is soliciting applications for the 2013 student paper competition. The competition is open to all students enrolled in the Biostatistics Program at Boston University in the spring term of 2013. The winner of the competition will receive \$750 as a travel award to attend the summer Joint Statistical Meetings. Travel to other conferences (i.e. ENAR, Society for Clinical Trials, American Society of Human Genetics, International Genetic Epidemiology Society) is possible in negotiation with the award committee.

All students are strongly encouraged to submit the abstracts from their papers to the Joint Statistical Meetings, which has a deadline of February 4th. Students would also be encouraged to consider entering the competitions sponsored by sections of the Joint Statistical Meetings (e.g. The Biometrics section Byar Young Investigator award, for details see <http://www.bio.ri.ccf.org/Biometrics/winner.html>).

TIMETABLE: **January 11th, 2013 at noon:** Deadline for students to submit pdf of manuscript
 January 25th, 2013: Announcement of awards

REQUIREMENTS:

The paper should be prepared double spaced, in manuscript format, using guidelines for authors typical of a biostatistical journal (e.g. Biometrics, Statistics in Medicine, or Biostatistics). A pdf copy of the manuscript should be submitted to the chair of the award committee, Ching-Ti Liu (ctliu@bu.edu).

The reported work should be relevant to biostatistics and must be the work of the student, although the manuscript can be co-authored with a faculty advisor or a small number of collaborators. The student must be the first author of the manuscript. Papers which have been accepted by a journal are not eligible for the competition. The student must be a degree candidate in the Biostatistics program at Boston University during the spring term of 2013.

REVIEW CRITERIA:

The awards committee encourages papers that develop new statistical methodology clearly motivated by a substantive problem in health or biomedical sciences or that feature innovative application of statistical methodology to address a substantive problem in health or biomedical sciences. The committee will base its selection of award winner on several factors:

- (1) Quality of methodological development or innovative application
- (2) Relevance of the motivating application to biostatistics research
- (3) Applicability of the methodology developed or investigated to the motivating problem
- (4) Clarity and style of presentation

More information is available from the chair of the Award committee: Ching-Ti Liu (ctliu@bu.edu, 617-638-7752).



Chen Lu, PhD student in Biostatistics, was the recipient of the 2012 Biostatistics student paper competition. In her entry, "Network-guided Sparse Regression Modeling for Detection of Gene-Gene Interactions," she proposed an approach to detect gene-gene interactions that utilizes penalized regression and sparse estimation principles, and incorporates outside biological knowledge through a network-based penalty. Chen is first author on the paper with co-authors Josee Dupuis and Eric D. Kolaczyk. The paper has been submitted to Bioinformatics and is currently under review. Chen will also present it as a poster at the IGES meeting in October.
