

# SOSE Awards for Outstanding Student Research

**Guidelines** These awards seek to recognize research work undertaken by students of the SOSE. The work may be part of an undergraduate or graduate thesis or any other project which the student is involved in.

## General Guidelines:

1. The award focuses on the quality of the work. QPI shall not be a consideration.
2. There are four categories: a. Undergraduate research, basic science & mathematics; b. Undergraduate research, applied science & technology; c, Graduate research, basic science & mathematics; d. Graduate research, applied science & technology.
3. Only undergraduate and graduate students of the SOSE who were enrolled for at least one term during the current school year (Summer 2008 and SY 2008-2009) are eligible. The research must also have been completed during this period and the majority of the work must have been done at the Ateneo. Published works are acceptable, provided the work was completed within the prescribed period.
4. The deadline for submission by the department to the SOSE Dean's office is March 14, 2009, Saturday, 12 noon.
5. The submitted work should follow any of the standard formats for scientific publication. Format: 12 pt Times New Roman, double space, with at least 1" margin on all sides; an abstract with a maximum of 200 words. The maximum length is 15 pages, including figures, references, etc. Entries which do not follow these guidelines will be disqualified.
6. Each entry should contain the endorsement by the chair, and a 200-300 word essay, which can be prepared by anyone, explaining the significance of the work.
7. If the work is a scientific investigation, the entry should be of publishable quality. In the case of a computer program, device or product, the Board of Judges may request a demonstration.
8. Each department may nominate two entries to each category. Entries which involve researchers from different departments on a project which is interdisciplinary must be submitted by the department where the major part of the work was undertaken. In case an entry of a closely related nature by the same research group is nominated in another category, the Board reserves the right to limit the entry to one category.
9. The Board of Judges shall be made up of one faculty member from each department.
10. Elimination round: Evaluation of written papers. Each judge shall rate the entries based on the criteria for the written paper. This constitutes 50% of the total. The top three entries in each category will be selected as semi-finalists.
11. Semi-final round: Poster presentation. The semi-finalists will be announced on March 20, Friday, 6:00 pm. Each semi-finalist should prepare a poster presentation. The poster should be a maximum of 12 pages of regular bond paper size (8.5" x 11"). Products may be demonstrated during the poster session. The author(s) should be physically present for a Q/A session with the judges on March 23, Monday, 3:00-4:30 pm, MVP Roofdeck. The rating for the semi-final round will constitute 25% of the total. Two finalists will be selected for each category.

**12. Final round: Oral presentation.** The final round will be an oral presentation which will be held on March 24, Tuesday, 3:30-6:00 pm, P&G Lecture Hall, SEC C. Each finalist shall deliver a 15-min oral presentation with 5-min Q/A. The rating for the oral presentation will constitute 25% of the total.

**13. Announcement of winners.** The announcement and awarding will be held on March 26, Thursday, 2:00 – 3:30pm, CTC 201. The winner in each category will be asked to give a 15-min oral presentation. The highest scoring entry from each department in the overall score will be cited as the Departmental Research Awardee.

**14. Note on selection of awardees.** The Board of Judges reserves the right not to designate awardees (whether winners or runners-up) if it feels that there are no deserving awardees.

**For Undergraduate Awards** Each entry can have a maximum of three (3) authors (excluding the faculty adviser/s). Each entry should include an endorsement from the department chair certifying that the majority of the work was actually carried out by the undergraduate student/s. In case the work is part of a larger project, the specific contribution of the undergraduate students should be clearly identified in the acknowledgment section. If the research involves a graduate student, the entry shall be classified under the graduate category.

**For Graduate Awards** Each entry can have a maximum of two (2) authors (excluding the faculty adviser/s). Each entry should include an endorsement from the faculty adviser certifying that the majority of the work was actually carried out by the graduate student/s. The paper should state the contributions of others in the Acknowledgment section. In case the work is part of a larger project, the specific contribution of the graduate students should be clearly identified.

### **Criteria for Student Research Awards:**

Paper (Elimination round, 50%)

1. Scientific and/or technical quality of the work in terms of the depth and breadth. Importance of the work in the field. (20%)
2. Originality or innovativeness of work based on the state of the field. (10%)
3. Quantity of work done. Consideration of single versus multiple authorship. (10%)
4. Clarity of written work. (10%)

Poster and Q/A (Semi-final round, 25%)

6. Quality of poster presentation. (15%)
7. Ability to discuss and answer questions. (10%)

Oral (Final round, 25%)

8. Organization and clarity of oral presentation. Ability to answer questions. (15%)
9. Overall impact of oral presentation. (10%)