



**Australian Acoustical Society
Queensland Division**

ACOUSTICS AWARD 2008/2009

THE AWARD

The Australian Acoustical Society, Queensland Division conducts an educational awards program to encourage and support education and research in acoustics in Queensland. The Division seeks applications from interested students studying in the field of acoustics for the 2008/2009 Acoustics Award bursaries.

The bursaries are open to tertiary students studying full or part time at a university in Queensland, in subjects relevant to the field of acoustics. The awards are granted at the discretion of the Queensland Division Awards Committee.

THE SOCIETY

The Australian Acoustical Society is a learned society formed in 1971 to promote and advance the science and practice of acoustics. Members practise or study acoustics in a wide range of areas including architectural acoustics, engineering noise and vibration control, underwater acoustics, bioacoustics, ultrasonics, environmental and occupational noise management, acoustical and vibration transducers, speech communication, physiology of hearing, audiology and musical acoustics.

AWARD CATEGORIES

Category 1: Research Project

- A bursary of **\$1500.00** in cash will be awarded for a proposed 4th year undergraduate or 1st year postgraduate research project.

Category 2: Course Work

- A book prize of **\$150.00** will be awarded to the most outstanding student in the acoustics component of a relevant undergraduate or 1st year postgraduate degree subject.

Australian Acoustical Society

ABN 28 000 712 658

Queensland Division

PO Box 760

Spring Hill Qld 4004

HOW TO ENTER

Category 1: Research Project

1. A Project Proposal should be submitted as follows:
 - (a) The project proposal should be a typed submission of not less than 600 words and not exceeding 1200 words. Diagrams or figures may accompany the submission.
 - (b) The submission shall clearly state:
 - The *Title* of the proposed project.
 - Name(s) and contact addresses for the applicant(s) and for project supervisor(s)¹.
 - The *Timing* of the proposed project²,
 - The *Aim and Objectives* of the proposed project³. (10%)
 - Proposed *Methodology*⁴. (15%)
 - *Innovations* expected to be demonstrated in the project⁵. (15%)
 - The *Value* of the proposed project to the field of acoustics⁶. (40%)

The numbers in brackets reflect the nominal component weighting's used in assessing submissions. In addition to the above, a nominal component weighting of 20% will be assigned to *clarity of content and general presentation*.

Where the work is part of an ongoing project, the submission will be assessed solely on the basis of those project components to which the current proposal relates.

2. Submissions shall be made through the responsible academic supervisor who will first review the submissions for their worthiness prior to forwarding to the Awards Committee.
3. Submissions close **5.00 pm, Friday, 29 August 2008**.
4. The Awards Committee will review the submissions and select the most outstanding proposal.
 - (a) Where there are several suitable submissions, the Committee, at its discretion, may elect to split the Bursary.
 - (b) Where no proposal fully satisfies the criteria described in 1(b), but where a project is considered to be otherwise worthy of support, the Committee, at its discretion, may award the Bursary, however in such circumstances, the amount of the award may be reduced.

In all such cases, the decision of the Awards Committee shall be final.

5. The winner of the Bursary is expected to make a short (20 - 30 minute) presentation of the results at project completion (or if part of a postgraduate program at a suitable point in the overall project). Presentations are normally made at a Division Technical Meeting during the following year.

Category 2: Course Work

1. The Category 2 Bursary (the "book prize"), is awarded only for work conducted in academic courses/subjects which have a substantial physical acoustics component, which are conducted at undergraduate or 1st year postgraduate level and which are part of the assessment for a recognised degree program.
2. The Award will be made:
 - (a) to the student achieving the highest academic results in the relevant subject⁷; or
 - (b) on the basis that an acoustics/noise project report prepared by the student and submitted by their supervisor, was in competitive review of a short-list of such reports, considered to be the most outstanding⁸.



3. Currently four courses are supported for purposes of the Category 2 Award:
- MECH3250 *Engineering Acoustics* at the University of Queensland;
 - MMB413 *Industrial Noise and Vibrations* at Queensland University of Technology;
 - AUDL7800 *Acoustics and Psychoacoustics* at the University of Queensland;
 - ME3511 *Dynamics and Acoustics* at James Cook University.

The intent of the Division is to extend the Category 2 award to all relevant courses in acoustics at universities in Queensland. If you believe that your institution conducts a course which may meet the requirements for this Award please contact the Awards Secretary.

NOTES:

1. Contact details should include:

- Applicants address(s) for written correspondence (c/o the relevant school office is sufficient) and student email address(s) (i.e. email contact address at the university);
- Supervisors address(s) (written and email) and phone number(s).

Where the project would involve more than one applicant, the submission must make clear the role and responsibility of each in relation to the overall project. Where more than one supervisor is involved, the submission shall state their roles and responsibilities. At least one supervisor shall be an academic member of the faculty under whose auspices the project will be undertaken. For other supervisors (e.g. "industry supervisors") affiliations shall be stated.

2. Projects should be structured so that the work can be completed within the award period (normally one year). (See Note 3).
3. If the submission is for a postgraduate project or part thereof, the submission should clearly define the objectives and scope of the project within the overall research program. (NB: the award will normally be granted only for those project components to be undertaken during the first year of a postgraduate program).
4. Where existing methodologies are to be used these should be nominated. Areas where the project is likely to require new approaches should be described.
5. Projects will be judged on their originality and their potential to require practical innovation on the part of the applicant(s).
6. The value of the project to acoustics will be assessed based on factors such as the likelihood of:
- successful completion within the nominated timeframe;
 - practical application in an nominated area of acoustics (including in an ongoing research program);
 - publication in recognised acoustic fora. (For example at the AAS Annual Conference, in *Acoustics Australia* or in other journals of record).
- Favourable consideration will be given to projects which involve practical collaboration with industry or which would contribute to the enhancement of education in acoustics within the university concerned.
7. The Award will be presented upon release of the exam/assessment results for that subject.
8. Where the Award is to be made on this basis:

- The relevant project report must be a standard component of the overall curriculum and assessment requirements for the relevant subject and must be referred to as such in course descriptions published by the institution concerned.
- The course convenor shall first review the project reports for their worthiness and prepare a short list of suitable candidates prior to forwarding the relevant reports to the Awards Secretary. A short list of three (maximum of five) reports will normally be considered. The Awards Committee will review the relevant reports and select the most outstanding.
- In all such cases, the decision of the Awards Committee shall be final.
- For purposes of record, AAS Queensland Division will retain in confidence, a copy of the winning report and at its discretion, may retain copies of the other reports. Where this is the case, the course convenor and relevant applicants will be notified formally.



ADDRESS FOR CORRESPONDENCE

Submissions should be forwarded to:

Acoustics Award 2008/2009
Australian Acoustical Society, Queensland Division
PO Box 760
SPRING HILL, QLD 4004

