



Guidelines for the 2011 Safety Equipment Australia (SEA) Scholarship

The University of Wollongong through the School of Health Sciences (SHS) has offered postgraduate coursework degrees in Occupational Health & Safety (OHS) for a number of years and since 2009 a MSc Occupational Hygiene Practice degree.

Through generous support of Safety Equipment Australia, the School is pleased to invite applications for the inaugural *Safety Equipment Australia Scholarship* for a candidate to complete a Master of Science – Research.

The aim of this research is to advance occupational health and safety research by conducting a university-industry collaborative project that aims to provide respiratory protection that will have greater wearer acceptance, and increased use. The project contributes to knowledge regarding effective protection strategies against hazardous substance exposure in environments where respiratory protection is required.

Specifically the project will:

1. Determine how the level of carbon dioxide in the full face piece mask influences wearer breathing patterns. Verify and establish upper limit Work of Breathing curves.
2. Investigate carbon dioxide levels, breathing patterns and work of breathing vis a vis work rates in ISO/TS 16976-1 “Respiratory protective devices – Human Factors Part 1 – Metabolic rates and respiratory flow rates.”
3. Investigate methodological issues arising in the course of the project
4. Apply laboratory findings to industry-sites with a focus on end-users

The successful applicant will have the opportunity to

- Undertake research into respiratory protection
- Develop laboratory and field research skills
- Work closely with a team of internationally recognised OHS academics and professionals
- Work closely with professionals in a leading Australian occupational health and safety company
- Collaborate with the research supervisory team to generate evidence to inform work practices for respiratory protection

Number of Scholarships One

Scholarship Stipend \$35,000 (tax-free) provided by SEA over a maximum period of 18 months
Paid on a fortnightly basis (not transferable)



Eligibility

- A student is eligible to apply for the SEA Scholarship if he/she
- i) Meets entry requirements for the Master of Science – Research program within the School of Health Sciences (SHS). Honours Class 1 or Class 2 Division 1 or demonstrated equivalent of achievement in industry/ training/ professional activity is accepted. Receipt of the scholarship is contingent on successful enrolment in this program; fortnightly payment of the bursary is contingent on satisfactory progress and timely attainment of goals agreed between the candidate, supervisor panel and Head of Post-graduate Studies.
 - ii) Can be a full-time candidate for the duration of the program
 - iii) Is an Australian or New Zealand citizen, or Australian permanent resident
 - iv) Demonstrates relevant industry experience and/or a capacity to apply existing knowledge and skills to the project area.

Selection criteria:

Applicants will be ranked in order of merit on attainment in the following attributes:-

- i) Attainment in academic qualifications/ demonstrated equivalence of attainment in industry/training/professional activity
- ii) Industry experience relevant to the general project area
- iii) Research experience/ or research capacity as indicated by sustained enquiry in project based investigations
- iv) Research or scholarly outcomes (may include reports, presentations)
- v) Availability for 18 month full-time enrolment, including on-campus attendance as required, and on-site industry field-work as required.

Application Process

To apply for this scholarship, applicants should send the following documentation by email attachment to the Head of Postgraduate Studies, Professor Anne Cusick, care of Mrs Nola Hurt, administrative assistant, Office of the Head of School nhurt@uow.edu.au

- i) Letter detailing the way in which the applicant meets eligibility and selection criteria
- ii) Evidence of education qualifications (testamur and academic transcripts – certified originals will be required if the applicant is short-listed)
- iii) Details and/or links to/ copies of publications or presentations demonstrating scholarly/ research/ investigation skills and knowledge. Publications (if applicable).



- iv) Name and contact details of two people able to comment on your capacity for successful outcomes orientated project-based enquiry

Closing date	Applications are open until the 23 June 2011
Outcome	Applicants will be notified of the outcome of their application 11 July 2011
Deferring	No deferral is allowed
Conditions	<ol style="list-style-type: none">1. The recommended recipient will be required to apply through usual University on-line research degree enrolment processes, and following enrolment the scholarship will be awarded. Existing Masters of Science- research students may apply, however enrolment in the program does not guarantee scholarship award, it is a requirement of the recommended recipient.2. Ongoing payment of the scholarship is contingent on the student remaining enrolled, and making satisfactory progress in the program as determined by milestone achievements of the proposal, annual reports, and attainment of goals agreed with the student, supervisory panel and the Head of Postgraduate Studies in the School of Health Sciences.3. The student will carry out the project under the<ol style="list-style-type: none">i) Guidance of the SEA Supervisor while on project siteii) Supervision of the UOW Academic Supervisoriii) Reporting as required to the Coordinator Higher Degrees Research and the Head of Postgraduate Studies in the School of Health Sciences.4. The student shall abide by: policies of the University of Wollongong; on-site conduct policies of SEA including occupational health and safety guidelines and any reasonable direction of SEA supervisor site-staff; the NHMRC codes on human and animal experimentation; guidelines established by the Australian Government's Recombinant DNA Monitoring Committee; and rulings of Bio-safety, Animal and Human Ethics Committees of the University.5. Students will abide by the Intellectual Property Policy of UOW and terms of the Sponsorship Agreement.6. Students will be required to sign a Confidentiality Deed.7. Students will need to attend the University of Wollongong Higher Degree Research student orientation, School of Health Sciences occasional research student seminars, and present project seminars in the school as required by the supervisory panel.



Further questions

For more information about the *scholarship topic and project*, send an email with your questions to Associate Professor Brian Davies at bdavies@uow.edu.au; for more information on the *application and enrolment process* please send an email to the Head of Postgraduate Studies, Professor Anne Cusick, School of Health Sciences, care of n.hurt@uow.edu.au; for more information on the *terms and administrative arrangements* of the scholarship please send an email to the School Manager Mrs Gai-Ellen Palmer at gpalmer@uow.edu.au.