

AWA WA Branch 2006 Undergraduate Water Prize

Objectives

- Encourage and reward students for excellence in the field of water studies and research.
- Provide a forum for students to display their academic excellence and research findings to future employers and clients.

Eligibility

- The Undergraduate Water Prize is open to all final year students whose final year project is on a water related topic and who are enrolled in a Western Australian tertiary education facility
- Selected finalists must be available to present their thesis at the presentation evening, Wednesday 29th November 2006.

Selection Criteria

- Relevance of the project to the water industry
- Quality of technical content
- Innovation and originality
- The "Water Industry" includes practitioners in mechanical, civil, electrical, process and environmental engineering; law; materials science; manufacture of equipment and machinery such as pumps, pipes, valves, and process equipment; asset management; economics and regulation.

Australian Water Association

The AWA has over 4000 members and is committed to "The sustainable management of water". Operating since 1962, it is Australia's largest & most influential water industry association serving engineers, operators, scientists, environmentalists and academics.

Recent Winners

- 1998 Amanda Tilbury - University of Western Australia
"Microbial Mineralisation of Atrazine by West Australian Pseudomonas sp."
- 1999 Julia Rawlinson - University of Western Australia "How Abiotic Factors Affect the Transport of Microbial Pathogens Through Perth Coastal Plain Aquifer Material."
- 2000 Kelli O'Neil - Edith Cowan University "Detecting the Cause of Acidification at a Seasonal Wetland on the Swan Coastal Plain, Western Australia, Through Laboratory and Field Mesocosm Experiments."
- 2001 Rachael Westheaver, Curtin University of Technology
"Investigation of the groundwater system of Lacepede Park, Sorrento"
- 2002 Sabina Fahrner, University of Western Australia
"Groundwater nitrate removal using a Bioremediation trench"
- 2003 Peter Mellor, Curtin University of Technology
"Growth, survival & blood osmolarity of Murray cod reared in different salinities"
- 2004 Hanna Driessen, Curtin University of Technology
"The effect of calcium ion on halogenation reactions in drinking water treatment."
- 2005 Arron Lethorn, Curtin University of Technology
"Effect of calcium ions on the formation of Disinfection by-products in drinking water."

Procedures

- Applicants must submit an abstract of their project with an application form by **Monday 9th October 2006**. Abstracts should be 4 to 5 pages long with sufficient detail to address the selection criteria.
- Up to six semi-finalists, selected by Friday 20th October 2006, will be asked to submit the complete thesis by **Wednesday 8th November 2006**.
- Three finalists will be selected and notified by Wednesday 22nd November.
- Three finalists will make a 20 minute oral presentation on **Wednesday 29th November 2006**.
- The Winner will present again at Ozwater 2007 (4 -8 March 2007) at Sydney Convention & Exhibition Centre, *(flight, accommodation and meals part of first prize)*

Judging

Judge's assessment will be 50% for the oral component and 50% for the written submission. The oral component will be presented by the student at the Undergraduate Water Prize evening on Wednesday 29th November 2006. The judging panel's decision will be final.

Prizes

- 1st Prize: Fully Paid Trip to Sydney to Attend Ozwater, \$500 & 2 year's free AWA membership
- 2nd Prize: \$250 & 1 year's free AWA membership
- 3rd Prize: \$150 & 1 year's free AWA membership



AWA WA Branch 2006 Undergraduate Water Prize

Application Form

Student Details

Name _____

Postal Address _____

University _____

Faculty _____

Phone _____

Email _____

Fax _____

Supervisor Details

Name _____

Postal Address _____

University _____

Faculty _____

Phone _____

Email _____

Fax _____

Project Title _____

Provide details and return by Monday 9th October 2006 either by:

1. Post: AWA Undergraduate Water Prize
PO Box 356
West Perth WA 6872
2. Fax: 08 6210 1675/08 9443 9465
3. E-mail: cmiller@awa.asn.au

More details from Cath Miller 0416 289 075

With thanks to our sponsors

First Prize



Second Prize



Third Prize

Burns and Roe Worley

power & water expertise