

The Gravity Discovery Centre Foundation John and Robin de Laeter Secondary Science Engagement Scholarship 2017 -18

INTRODUCTION

The Gravity Discovery Centre (GDC) has established this scholarship to recognize the huge contribution to science education in Western Australia made by Professor John de Laeter and his wife Robin. The scholarship is designed to enable secondary school students studying science to engage with scientists from a West Australian university, and staff at the Gravity Discovery Centre, to plan and install an exhibit/display/multimedia production. The successful applicant's project will be permanently located at the Gravity Discovery Centre. The main purpose of the project should be to motivate and communicate science to the thousands of visitors annually to the Centre.

SCHOLARSHIP ASSISTANCE

The scholarship value is \$800 and will be awarded to the successful applicant at the Scholarship Presentation Ceremony, following the completion of the project.

ELIGIBILITY

Applications for the secondary scholarship are sought from students who:

- will be completing years 10, 11 or 12 in 2015;
- enjoy science and achieve high grades in science, especially physics;
- demonstrate initiative and originality in science or technology;
- can work by themselves and with others to complete tasks in a timely manner;

The successful candidate will need to commit to the scholarship tasks for 3-4 weeks during the school summer vacation and spend at least 4 days at the GDC (located near Gingin, about one hour drive north of Perth). Transport to the GDC will be the responsibility of the scholarship winner, but lifts may be possible. Applicants may like to visit the GDC to try identify possible projects (see below) and discuss ideas with GDC personnel.

SELECTION CRITERIA

- High achievement in relevant secondary subjects
- Demonstrated interest and knowledge in some of the areas relevant to the GDC
- Demonstrated interest in science communication and ability to communicate
- Ability to take projects to timely completion. HOW TO APPLY - Applicants are required to complete the Application Form.

EXAMPLES OF EXHIBIT OR ACTIVITY - The projects below are suggestions only:

- Cloud Chamber • Cosmic ray detector.
- Gravometer gravitational lens viewer
- Freefall exhibit
- Rubens tube

- Sounds Visible exhibit
- Aolian Harp upgrade.
- 3D Slinky Idea
- Resonance exhibits
- Golden Fountain
- Videos of exhibits
- • • SECONDARY STUDENT SCHOLARSHIP APPLICATION FORM

First name

Surname

Address

Email

Phone

School Subjects being studied and recent grades:

Subject: _____ Grade: _____

Subject: _____ Grade: _____

Subject: _____ Grade: _____

Subject: _____ Grade: _____

Applications must not exceed two pages in length and should:

- ♣ Describe any science projects, achievements, interests and skills relevant to this scholarship.
- ♣ Describe any experience or skills which will assist you in communicating science to others.
- ♣ Provide a summary of your preferred project or type of project.

You may add attachments with supporting material such as photographs.

Complete and return this form by email. T

The completed application form should be posted to the Centre Manager at the GDC or emailed to: manager@gravitycentre.com.au

EXTENDED - Closing date for applications is Friday 15th December 2017

Gravity Discovery Centre - An independent science education centre operated by the Gravity Discovery Centre Foundation Inc. 1098 Military Rd (PO Box 2062, Clarkson 6030) Yeal W.A. 6503
manager@gravitycentre.com.au www.gravitycentre.com.au Ph: 08-95757577