

# School of Physics and Astronomy

## Alan P. Roberts PhD Scholarship

Applications are invited for the prestigious Alan P. Roberts Scholarship to undertake postgraduate studies leading to a PhD in theoretical physics, within the broad areas of complex systems or emergent phenomena. The research project will be carried out in the School of Physics and Astronomy at Monash University, Melbourne, Australia. This Scholarship is available to citizens and permanent residents of Australia and New Zealand. The Alan P. Roberts Scholarship is awarded as a top up scholarship for applicants who have obtained one of the following awards:

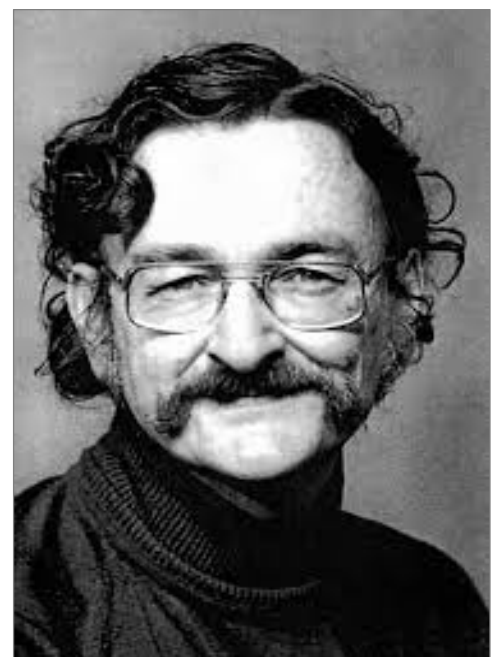
- RTP Scholarship – formerly Australian Postgraduate Award (APA)
- Monash Graduate Scholarship (MGS)

<https://www.monash.edu/graduate-research/future-students/scholarships>

The Alan P. Roberts Scholarship provides a yearly non-taxable top up scholarship of \$8,000 p.a. Outstanding students who have completed, or expect to complete, a four year undergraduate degree at H1 level are eligible to apply. Preference will be given to women applicants, but all genders are encouraged to apply. Information on research projects offered by the School of Physics and Astronomy is available at: <http://physics.monash.edu/research/>

Postgraduate enquiries to Professor Kristian Helmerson: [Kristian.Helmerson@monash.edu](mailto:Kristian.Helmerson@monash.edu)

**Alan Patrick Roberts** was born in Brisbane on April 2, 1925. He undertook graduate studies in theoretical physics at the University of Sydney, joining Monash in 1966, where he taught and carried out research until his retirement in 1992. Alan was a leading physicist and intellectual, who made significant contributions to the national debate on nuclear energy, environmental policy and multifarious aspects of social policy. From the 1950s until his death in December 12, 2017, Alan was a passionate environmentalist and prescient in highlighting the unfolding ecological crises that are now evident in the modern world. He made pivotal contributions to theoretical ecology and complex systems, publishing widely in high impact journals, such as *Nature*. In the 1970s he established the first Masters programme in Australia on Environmental Science. His work on complexity and emergence has had a major impact on the study of ecological systems.



**School of Physics and Astronomy**  
**Alan P. Roberts PhD Scholarship**  
**APPLICATION FORM**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: (Mobile) \_\_\_\_\_ (BH) \_\_\_\_\_ (AH) \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Details of undergraduate qualifications: \_\_\_\_\_

Are you currently enrolled? Yes  No

If yes please specify the University and course: \_\_\_\_\_

Research Interests: \_\_\_\_\_

Please forward this application together with your complete Academic Record, CV, the contact details of two referees and the details of any refereed publications to Mrs Jean Pettigrew via E-mail: Jean.Pettigrew@monash.edu or by mail to: Mrs Jean Pettigrew, Staff and Student Services Officer, School of Physics and Astronomy, Monash University, Victoria 3800.

Telephone enquiries: (03) 9905 3651 (Australia) or +61 3 9905 3651 (International).