RESIDENTIAL STUDENT SCHOLARSHIPS

Are you a first year PhD student from an AINSE member university?

Are you available to be onsite at an ANSTO facility (at Lucas Heights, Camperdown and/or Clayton) for 6 months or more per year?

Has your research been verified as meeting the strategic objectives of ANSTO in the areas of:
• Human Health
• Environment
• Nuclear Fuel Cycle

In addition, opportunities exist for postgraduate students interested in either:
• contracted research & industrial engagement projects in the defence industry area or
• fusion research that aligns with ANSTO & ITER activities

$7,500 per year stipend
up to $5,000 travel & accommodation allowance per year

Expression of Interest

ainse@ainse.edu.au
Email a one page (only) abstract outlining:
• the details of the research
• ANSTO staff member involved

the title of the email must say: ‘RSS Verification’

expression of interest close 28 July 2017

Please note: Current AINSE PGRA students awarded this scholarship would relinquish the AINSE PGRA

Students are eligible to submit an expression of interest if they:
• hold an RTP or equivalent peer reviewed scholarship
• undertaking or about to commence ANSTO strategic research with a designated ANSTO supervisor

NOW OPEN
Residential Student Scholarships

ANNUAL PACKAGE

$7,500 stipend per annum
Up to $5,000 travel and accommodation allowance per annum

Strategic PhD opportunities

Residential scholarships offered to students holding a RTP or equivalent and whose PhD project topic closely aligns with any of the strategic focus areas for ANSTO’s research programmes:

The Environment:

- The use of nuclear techniques in Environmental Change (Climate Change, Landscape processes or Human Impacts) [Info: Prof. Henk Heijnis – henk.heijnis@ansto.gov.au]
- The use of nuclear techniques in Sustainable Water Resources (Aquatic Ecosystems, Groundwater and Natural Variability) [Info: Dr Tom Cresswell – tom.cresswell@ansto.gov.au]
- The use of nuclear techniques in Contaminant Science (Atmospheric pollution/transport, radionuclides in the biosphere and contaminated sites) [Info: Dr Karina Meredith – karina.meredith@ansto.gov.au]

Human Health:

- Impact of low to therapeutic dose radiation on biological systems (mitochondrial response, biomarker discovery, mitigating impact) [Info: Dr Ryan Middleton – rym@ansto.gov.au]
- Advancing the diagnostic and therapeutic potential of nuclear technology (enhanced radiotracers, microbeam/minibeam radiotherapy and heavy ion/proton therapy) [Info: Dr Keith Bambery – keithb@ansto.gov.au]
- Nuclear and isotopic techniques to improve food quality and design to contribute to better health (food structure and function, authenticity, manipulation of food and the influence on the immune system) [Info: Dr Elliot Gilbert – epg@ansto.gov.au]

Nuclear Fuel Cycle:

- Nuclear fuel resources (processing of U and Th) [Info: Dr Gordon Thorogood – git@ansto.gov.au]
- Nuclear reactor systems (safety of reactor systems; behaviour of nuclear materials under extreme conditions) [Info: Dr Greg Lumpkin – grl@ansto.gov.au]
- Spent nuclear fuel management (solutions for long term storage of nuclear waste to ensure safety, security and non-proliferation) [Info: Dr Jessica Veliscek Carolan – jvc@ansto.gov.au]

In addition, opportunities exist for postgraduate students interested in contracted research and industrial engagement projects in the defence industry area. These projects aim to deliver real solutions to enhance Australia’s defence capability via collaborative partnerships. [Info: Dr Paul Di Pietro – pdp@ansto.gov.au]

Opportunities may also exist for postgraduate students interested in fusion research that aligns with ANSTO and ITER activities following the signing of the cooperation agreement. This agreement is to join a consortium of countries that will lend expertise on the ground-breaking ITER fusion project in southern France. [Info: Dr Richard Garrett – garrett@ansto.gov.au]