

Ben Schubert: SRI Scholar



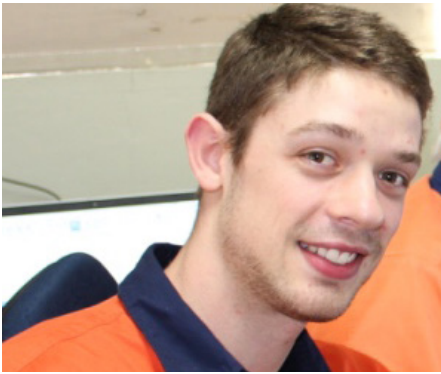
University of Adelaide mechanical engineering honours student Ben Schubert is one of four scholars to be awarded the prestigious Sugar Research Institute Scholarship in 2015.

Ben said winning the scholarship gave him the opportunity to put university theory into practice and learn from people with a huge wealth of industry experience.

At Proserpine Sugar Mill, one of Ben's projects included a review and analysis of the high pressure steam mains.

Ben constructed a dynamic model representing the piping systems from the boilers to the steam header to determine an estimate for resulting pressure reductions.

Pictured (L-R): SRI Scholar Ben Schubert and technical services manager Rob Peirce at Wilmar Sugar's Victoria Mill.



Ben Schubert

Bachelor of Engineering
(Mech. - Honours) and
Bachelor of Science (Physics)
University of Adelaide

Work placement 1:
Proserpine and Invicta Mills,
Wilmar Sugar Australia

Work placement 2:
Mulgrave Mill,
Wilmar Sugar Australia

Work placement 3:
Victoria Mill,
Wilmar Sugar Australia

On completion of his engineering degree in 2016, Ben is keen to work in an Australian sugar mill.

Contact Ben:
ben.schubert2161@gmail.com

Ben Schubert: SRI Scholar

“There are so many aspects and areas in a sugar mill. I have been fortunate enough to learn about the steam system ... but the most interesting part is the way all these aspects mesh together to achieve the final product.”

“One of the subjects I thoroughly enjoyed at university was thermodynamics. I find it fascinating how the micro world such as water vapour particles can be utilized to drive such impressive processes like the generation of power through steam turbines.”

“Taking a step back from the smaller sections, I think it would also be interesting to see how they analyse the process and design the system as a whole.”

- Ben Schubert

About the SRI Scholarship

The Sugar Research Institute Scholarship program aims to encourage the participation of high calibre engineering and science students into Australian sugar mills.

SRIS recipients undertake three work placements of four weeks in Australian sugar mills during crushing and maintenance seasons and also receive \$7,500 plus wages and allowances.

Engineers in Sugar Mills

In sugar mills, engineers from chemical, mechanical and electrical disciplines work to make ideas come to life: they improve production processes for high sugar quality; develop and maintain machinery and equipment; design and construct factory infrastructure; and use sugar milling by-products for co-generation and biofuels.

Sugar Research Institute

P: +61 (7) 5414 2500

E: info@sri.org.au

www.sri.org.au

Sugar Research Institute's understanding of the science of sugar processing helps sugar mills and refineries worldwide to maximise sugar recovery, and to deliver best practice in process efficiency and plant design. SRI operates on a not-for-profit basis and is owned and supported by Australia's sugar milling industry.