

NEWSLETTER

JUL - AUG 2019



Young students learning about renewable energy in science class

QUOTE OF THE MONTH

"An expert is a person who has found out by his own painful experience all the mistakes that one can make in a very, narrow field."

Niels Bohr
1885 – 1962
Physicist

Quoted by Edward Teller, in Dr. Edward Teller's Magnificent Obsession by Robert Coughlan, in LIFE magazine (6 September 1954), p. 62

CLIENT OF THE MONTH:

University of South Australia - Material and Minerals Science

Winners are chosen by our computer on a random basis. The prize is the client's choice of \$100 worth of laboratory items from a supplied list.

From University of South Australia:
"UniSA's Mawson Lakes campus, in Adelaide's northern suburbs, is being transformed into a world-leading Industry Connections Hub with a strong emphasis on Industry 4.0 technologies.



Its centrepiece will be the Industry 4.0 Testlab - one of the most advanced industry collaboration facilities in the country, providing South Australia a gateway to the future of manufacturing.

The testlab will support the supply chain of the growing defence and space sectors."



NATIONAL SCIENCE WEEK

An Australian Government Initiative

www.scienceweek.net.au



CLEVER PERSON'S QUIZ

Question:
What is the first man-made plastic?

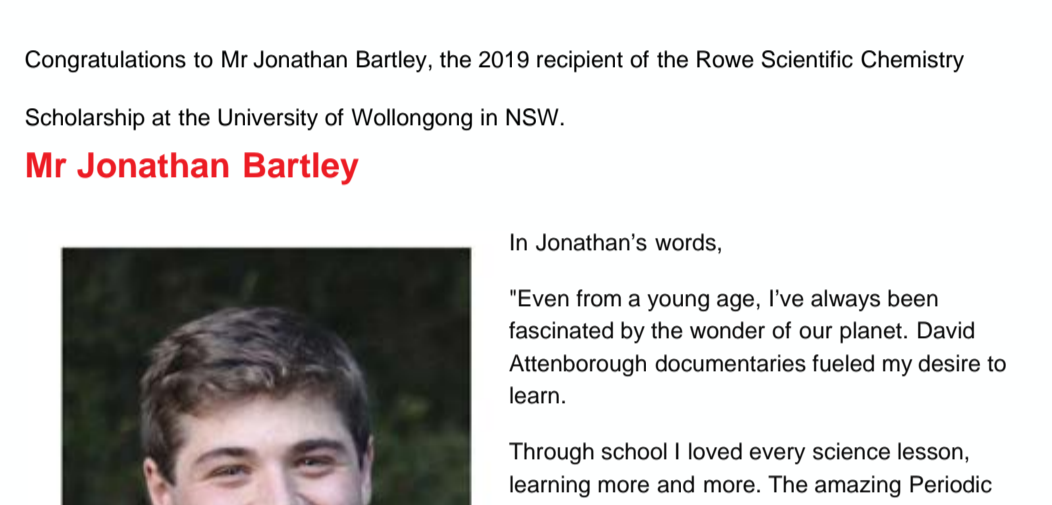


The answer will be in the next edition of the Rowe Scientific Newsletter.

Did you know the answer to the last quiz question?
"There are only two metallic elements that are not silvery in colour, what are they?"

Answer:
Gold and Copper

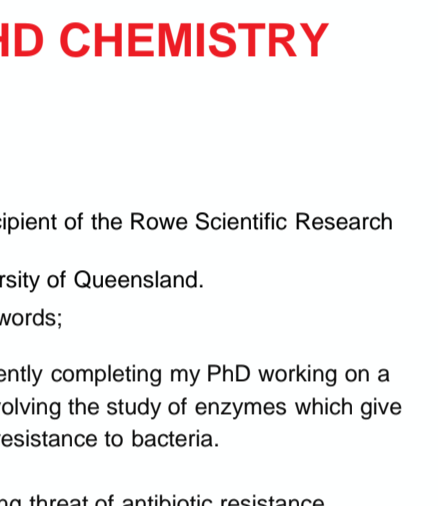
SUPPORTING THE RFDS



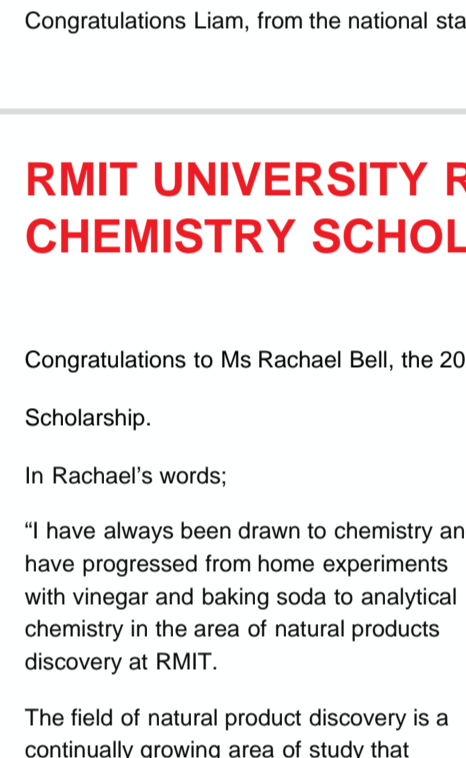
Amount raised to date:
\$31,606
as of 1/7/19

You helped us to raise **\$31,606** for the 2018 - 19 Financial Year, just short of our **\$32,000** target!

Every purchase of Rowe Quantumclean (CQ1050, CQ1000, CQ1100) and pH buffers (CB3515, CB3115, CB2660) in the unique twin neck bottles, results in a \$2.00 per item donation to the Royal Flying Doctor Service.



LABLIKES ISSUE 4



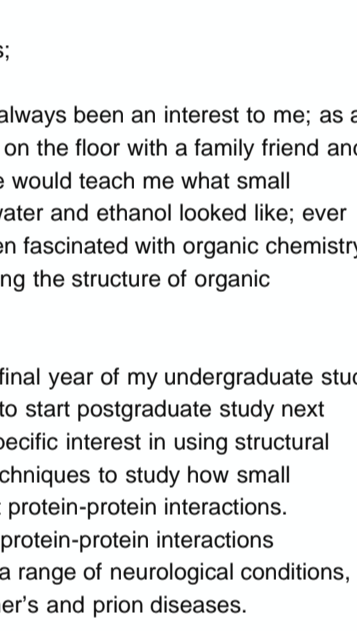
PICK UP A COPY TODAY!

Packed with the latest and most popular products available from Rowe Scientific.

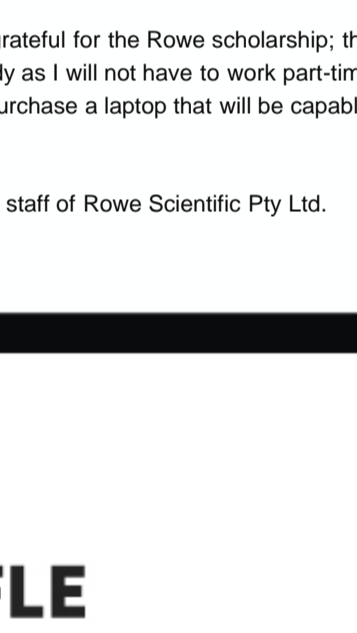
[PDF](#) [DOWNLOAD THE FLYER HERE](#)

EXAMPLE OF WHAT'S INSIDE

Pipette Filler
LEVO PLUS
0.1-100mL, with AC adapter and filter.
Was \$299
\$249
DP0094



Vortex Mixer
VELP ZX3
• Advanced vortex mixer
• 0-3,000 rpm
• Touch or continuous mode
Was \$354
\$249
IV1085



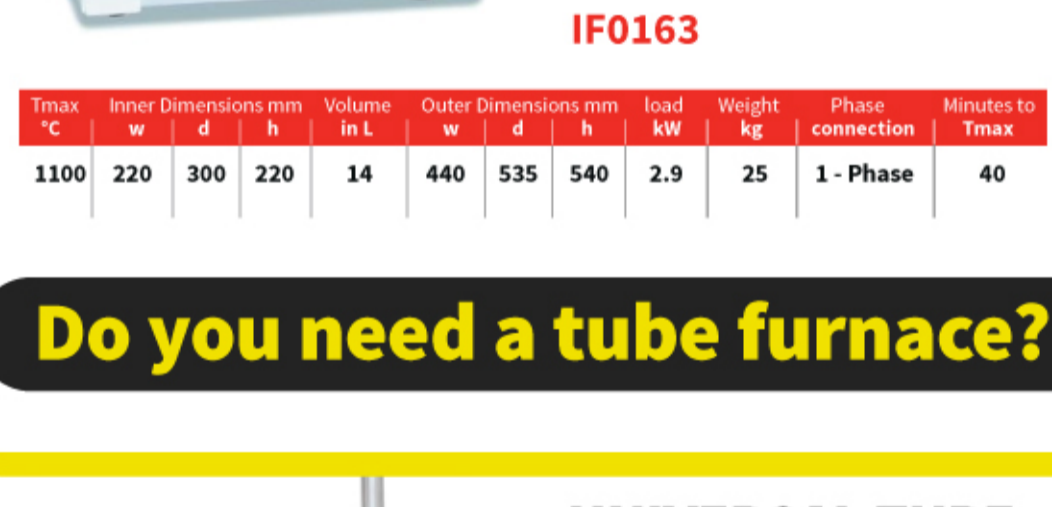
Magnetic Stirrer
VELP MST
• Chemical resistant
• Up to 1100 rpm
• 5L capacity
Was \$172
\$119
IS0152



BE QUICK - OFFER ENDS 30 SEPTEMBER 2019 OR WHILE STOCKS LAST

- ✓ One Stop Shop
- ✓ 100% Australian
- ✓ Online ordering
- ✓ Phone ordering
- ✓ Equipment
- ✓ Account Managers
- ✓ Leading Brands
- ✓ Chemicals
- ✓ Consumables

Below are just some of the leading brands we can help you with.



UNIVERSITY OF WOLLONGONG ROWE SCIENTIFIC CHEMISTRY SCHOLARSHIP 2019

Congratulations to Mr Jonathan Bartley, the 2019 recipient of the Rowe Scientific Chemistry Scholarship at the University of Wollongong in NSW.



In Jonathan's words,
"Even from a young age, I've always been fascinated by the wonder of our planet. David Attenborough documentaries fueled my desire to learn.

Throughout school I loved every science lesson, learning more and more. The amazing Periodic Videos on YouTube by Professor Sir Martyn Poliakoff affirmed for me that chemistry was where I wanted to go. His knowledge and enthusiasm cemented the desire for me to share in this understanding of the atoms and molecules that make us.

I love teaching and hope one day to become a university chemistry educator and researcher. Upon finishing school my decision of what I wanted to do was made very easy... Chemistry.

I'm currently in my third year of my Bachelor of Science - Honours (Dean's Scholar) (Chemistry) degree, thoroughly enjoying organic chemistry whilst looking forward to my honours year next year. I hope to one day teach and to share my love of chemistry with future generations of students. I feel very honoured to receive this scholarship and would like to thank everyone at Rowe Scientific for their efforts to nurture the education of chemists both now and the future."

Well done Jonathan, from the national staff of Rowe Scientific Pty Ltd.

UNIVERSITY OF QUEENSLAND THE ROWE SCIENTIFIC RHD CHEMISTRY TRAVEL FELLOWSHIP

Congratulations to Mr Liam Wilson, the current (2018) recipient of the Rowe Scientific Research Higher Degree Chemistry Travel Fellowship, at the University of Queensland.



In Liam's words:
"I am currently completing my PhD working on a project involving the study of enzymes which give antibiotic resistance to bacteria.

The growing threat of antibiotic resistance throughout the world is a major global concern. This gives me a real passion and motivation for my project. My current work concerns a group of enzymes, metallo-beta-lactamases.

These enzymes pose a very real risk to global health since they are active against nearly all front line antibiotics and currently we have no effective inhibitors which are able to stop their activity.

With the help of your generous fellowship I will be able to travel to Oxford University in order to work with an expert in this field to test potential inhibitors on these enzymes as well as new antibiotics."

Congratulations Liam, from the national staff of Rowe Scientific Pty Ltd.

RMIT UNIVERSITY ROWE SCIENTIFIC CHEMISTRY SCHOLARSHIP

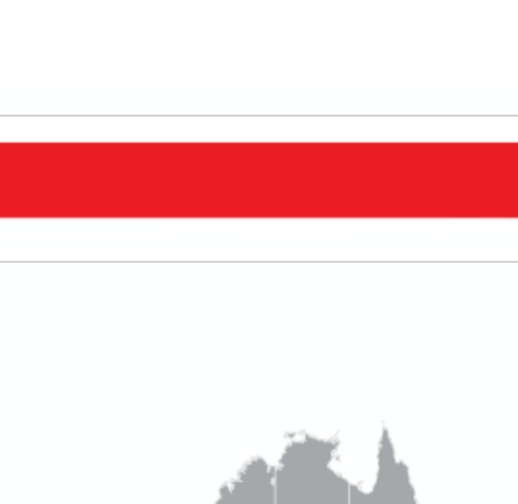
Congratulations to Ms Rachael Bell, the 2019 recipient of the Rowe Scientific Chemistry Scholarship.

In Rachael's words:
"I have always been drawn to chemistry and have progressed from home experiments with vinegar and baking soda to analytical chemistry in the area of natural products discovery at RMIT.

The field of natural product discovery is a continually growing area of study that adapts to the changing needs of our society and the development of new technologies, making it a very exciting area of research.

Studying chemistry finds satisfy my persistent curiosity. I find it extremely rewarding to gain any level of understanding about how things work on the smallest of scales.

Chemistry never fails to present me with the answers to questions I had yet to consider. I am very grateful for the support provided by the Rowe Scientific Chemistry Scholarship and I am very honoured to be a recipient."

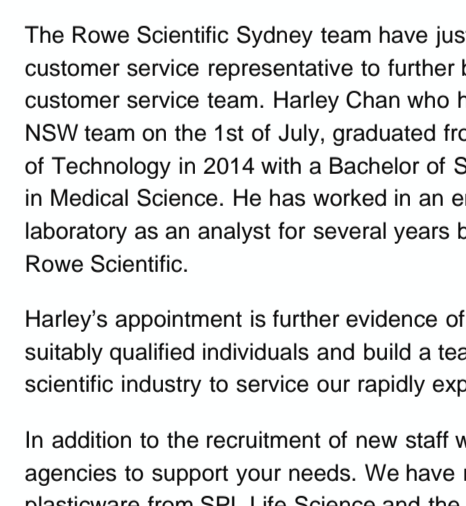


Ms Rachael Bell.

Well done Rachael, from the national staff of Rowe Scientific Pty Ltd.

THE UNIVERSITY OF ADELAIDE ROWE SCIENTIFIC CHEMISTRY SCHOLARSHIP

Congratulations to Mr Lewis McFarlane, the recipient of the 2019 Rowe Scientific Chemistry Scholarship at the University of Adelaide.



In Lewis's words:
"Chemistry has always been an interest to me; as a child, I would sit on the floor with a family friend and his model kit. He would teach me what small molecules like water and ethanol looked like; ever since I have been fascinated with organic chemistry and understanding the structure of organic molecules.

I am now in the final year of my undergraduate study and am excited to start postgraduate study next year. I have a specific interest in using structural determination techniques to study how small molecules affect protein-protein interactions. Specifically, the protein-protein interactions associated with a range of neurological conditions, such as Alzheimer's and prion diseases.

I am incredibly grateful for the Rowe scholarship; the funds will allow me to focus all my energy on my final year of study as I will not have to work part-time in order to pay rent and living expenses. It will also allow me to purchase a laptop that I will be capable of the data analysis required for my postgraduate study."

Well done Lewis, and good luck in your studies, from the national staff of Rowe Scientific Pty Ltd.

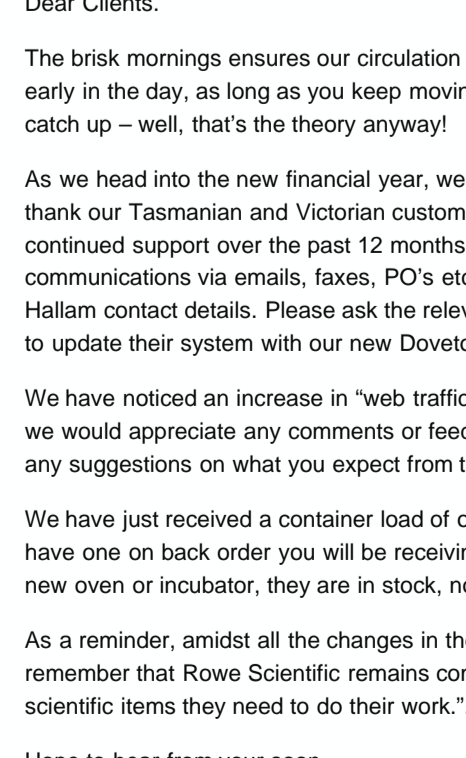
Nabertherm A HIGH TECH MUFFLE FURNACE MADE WITH GERMAN PRECISION.



MUFFLE FURNACE LIFT DOOR
Normally \$9234
SPECIAL PRICE \$7776
SAVE \$1458!

This lift door model has a 15 L capacity, maximum temperature of 1200°C, and USB datalogging.
IF0158

Tmax °C	Inner Dimensions mm	Volume in L	Outer Dimensions mm	load kW	Weight kg	Phase connection	Minutes to Tmax
1200	230 x 340 x 170	15	415 x 555 x 515	3.5	40	1-Phase	110



MUFFLE FURNACE BASIC FLAP DOOR
Normally \$6731
SPECIAL PRICE \$5669
SAVE \$1062

This flap door model has a 14 L capacity, maximum temperature of 1100°C, and a compact footprint.
IF0163

Tmax °C	Inner Dimensions mm	Volume in L	Outer Dimensions mm	load kW	Weight kg	Phase connection	Minutes to Tmax
1100	220 x 300 x 220	14	440 x 535 x 540	2.9	25	1-Phase	40

Do you need a tube furnace?



UNIVERSAL TUBE FURNACE 1100 °C
• Maximum temperature of 1100 °C
• Compact design
• Inner diameter of the tube: 50 mm, heated length: 250 mm
• Working tube made of C530 material
• Tilt angle and working height adjustable
• Type S Thermocouple
• Control system integrated in furnace base with NTLog Basic controller and USB datalogging.

CONTACT US FOR A QUOTE

COMPACT TUBE FURNACE 1300 °C
• Maximum temperature of 1300 °C
• Dual shell housing made of sheets of textured stainless steel for durability
• Outer diameter of the tube: 50 mm, heated length: 500 mm
• Working tube made of C530 material including two fiber plugs as standard
• Heating element wound directly around the working tube resulting in a quick heat-up rate.
• Low-state relays provide a low-noise operation of the heating process

Over temperature limiter

CONTACT US FOR A QUOTE

Contact your Rowe Scientific representative to take advantage of these savings.
Contact us today.

STATE NEWS

NEW SOUTH WALES

Dear Clients,
The Rowe Scientific Sydney team have just appointed a new customer service representative to further boost our existing customer service team. Harley Chan who has joined our NSW team on the 1st of July, graduated from the University of Technology in 2014 with a Bachelor of Science majoring in Medical Science. He has worked in an environmental laboratory as an analyst for several years before joining Rowe Scientific.

Harley's appointment is further evidence of our commitment to invest resources in NSW to recruit suitably qualified individuals and build a team focused on providing the best service in the scientific industry to service our rapidly expanding customer base.

In addition to the recruitment of new staff we are also continuing to add new products and agencies to support your needs. We have recently received our first shipment of tissue culture plasticware from SPL Life Science and the reaction thus far is overwhelmingly positive.

Extensive sample stock is available to support customers trials so please get in contact with any member of the team to request samples and discover a great range of competitively priced tissue culture plasticware.

All the best from:
John, Allan, Harley, Hayden, Kathryn, Kazi, Monir, Rod

QUEENSLAND

Dear Clients,
Business has been brisk during the past three months and we are working to capacity. Your enquiries keep us motivated and challenge us to find the best outcomes for you.

We have recently acquired brand new stock in our liquid handling range from BRAND. They provide exceptional quality and value. Please see examples below.

DD0021
DISPENSETTE S ORGANIC DIGITAL 1-10mL WITH RECIRCULATION VALVE

DD0025
DISPENSETTE S DIGITAL 5-50mL WITH RECIRCULATION VALVE

DB1079
DIGITAL BURETTE 25mL "TITRETTE" WITH RECIRCULATION VALVE

DB1080
DIGITAL BURETTE 50mL "TITRETTE" WITH RECIRCULATION VALVE

For all of your laboratory liquid handling needs, contact one of our knowledgeable staff members to assist you with your specific requirements.

Cheers from the Queensland team:
Yvonne, Andrew, Brian, George, Jacob, Josephine, Kiran, Leon, Martin, Robert, Steve.

SOUTH AUSTRALIA & NORTHERN TERRITORY

Dear Clients,
Winter has now settled in and hopefully we will see a lot more rain before it ends.

The AFL season is now also at its half way point and at the time of writing this, both of the local sides are in the top 8.

I have now returned from 4 weeks leave where my wife and I welcomed our 2nd child which turned out to be another little girl who we have named Addie. Daniel has also returned from 4 weeks leave where he and his wife Irene welcomed their 1st child, a little girl called Mia.

As a reminder, we will be exhibiting at trade shows in Adelaide this year. We will be at the "WineTech" event from the 21st to the 24th of July as well as the WIOA Conference in August and RACI event in December. Thanks to all those who visited us recently at the Histology and IWAG conferences.

Finally, I would like to take the opportunity to thank my team here in Adelaide for their good work in the 2018-19 Financial Year and of course all of you who read this, our clients! You are all awesome and I thank you for your continued ongoing support.

All the best from,
Doug, Daniel, Dannielle, Joanne, Katelynn, Mark, Michael, Paula, Steve.

VICTORIA & TASMANIA

Dear Clients,
The brisk mornings ensures our circulation gets going from early in the day, as long as you keep moving the cold won't catch up - well, that's the theory anyway!

As we head into the new financial year, we would like to thank our Tasmanian and Victorian customers for your continued support over the past 12 months. We still receive communications via email, faxes, PO's etc. showing our old Hallam contact details. Please ask the relevant departments to update their system with our new Doveton details.

We have noticed an increase in "web traffic" with significantly more orders being entered online, we would appreciate any comments or feedback on your "Rowe online experience" as well as any suggestions on what you expect from the site.

We have just received a container load of ovens and incubators from MMM in Germany. If you have one on back order you will be receiving it very soon. For those of you in the market for a new oven or incubator, they are in stock, no need to wait!

As a reminder, amidst all the changes in the scientific market place at the moment please remember that Rowe Scientific remains committed to "keeping our clients supplied with the scientific items they need to do their work". If we don't have it, we will try to find it for you.

Hope to hear from your soon.

From your team in Victoria:
Garry, Adam, Amanda, Brian, Christine, Hoa, Mango, Nic.

WESTERN AUSTRALIA

Dear Clients,
Thanks for supporting us, we had a great year as I trust did you. We continue to import BRAND liquid handling products and have started stocking their "A" grade glassware as well.

Our manufacturing laboratory was discussing our internal glassware calibration procedures and passed me the NIST technical guidance paper. It reminded me that "A" grade glassware is really only "A" grade when it complies with specifications and tolerances. We are confident that we meet this requirement when selling BRAND products.

Our first order for a NATA mutual recognition (DAkkS) certified product arrived this week with 6 volumetric pipettes - "A" grade of course. Selling BRAND products gives us confidence in our company slogan - **Rowe Scientific - for accuracy and professionalism.**

We look forward to supporting your future glassware needs.

All the best from:
Peter Sommers and the Western Australian Team.

South Australia & NT Queensland Victoria & Tasmania New South Wales Western Australia

Ph: (08) 8186 0523 Ph: (07) 3376 9411 Ph: (03) 9701 7077 Ph: (02) 9603 1205 Ph: (08) 9302 1911
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Rowe Scientific Pty Ltd
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* Prices do not include GST and only while stocks last. We reserve the right to change specifications, details and descriptions without notice. Pictures for illustrative purposes only. Discounts do not apply to service, freight or repair charges.

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