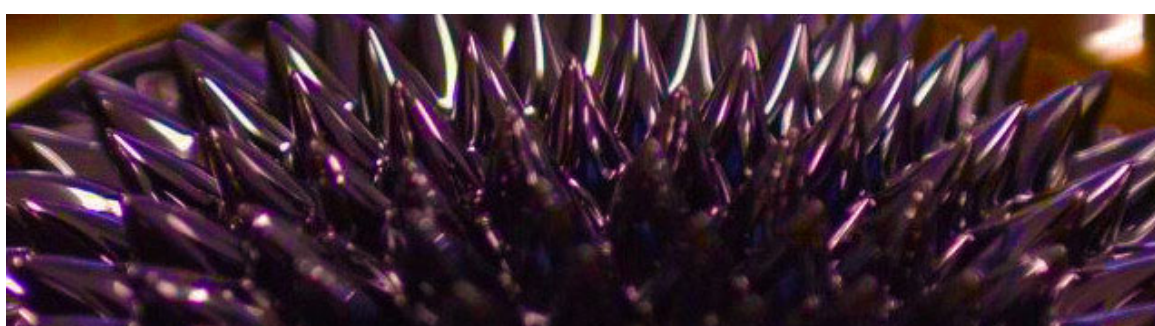


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School of Chemistry & Molecular Biosciences Newsletter

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Message from the Head of School

Welcome to the School of Chemistry and Molecular Biosciences (SCMB) newsletter - our first for 2017. The beginning of the academic year has seen a large new cohort of under-graduate and post-graduate students join us. Sixty-eight new Honours students have signed-up for our various program offerings along with a record 28 new admissions to our RHD programs. We also welcome new research and professional staff to our vibrant research and teaching community. I am also pleased to report that since our last newsletter five of our staff have been promoted; Rachel Stephenson to Level B, Evan Moore to Senior Lecturer, Jack Clegg and Ulrike Kappler to Associate Professor and Craig Williams to Professor. Warm congratulations to all of you on behalf of all at SCMB.



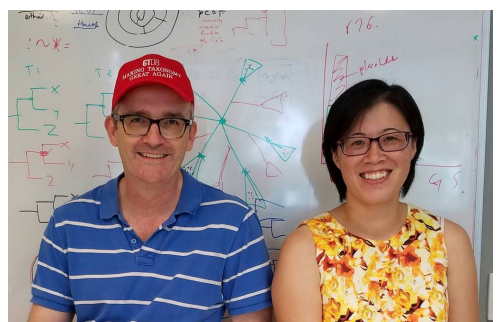
We have lots of news to share with you below; awards, research making significant impact, exciting new areas of endeavor for the School...and more beer - never a dull moment! Many of us are now just winding down from the peak season for grant writing, so that beer may be useful. Though as I've said before, that season now seems to stretch out for the major part of the year!

And just in – the online repository of global research output, ResearchGate has just announced that SCMB publications were the most cited of any School at UQ for March, 2017 – with nearly 17,000 citations. A clear metric of outstanding research output from SCMB.

2066056.jpg

In addition to some of the exciting School related highlights that have taken place over the last few months, we also feature the fascinating career stories of three of our fellow alumni. Happy reading!

Paul Young
Professor and Head of School
School of Chemistry & Molecular Biosciences



New study investigates when Cyanobacteria went green

The ability to generate oxygen through photosynthesis—that helpful service that plants and algae perform, making life possible for humans and animals on Earth—evolved just once, roughly 2.3 billion years ago, in certain types of Cyanobacteria.

[Read more >>](#)

Quest for better beer hops ahead

The growing craft beer industry is about to hop ahead with new University of Queensland research supported by the Queensland Government.

[Read more >>](#)

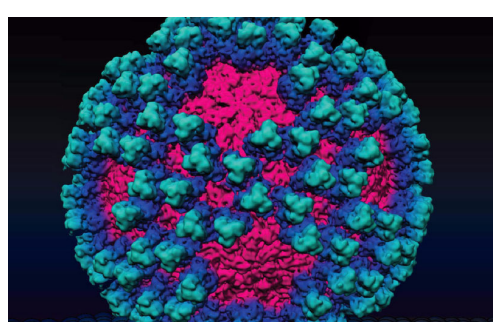
International award recognises advances against infectious diseases by SCMB alumnus

Rockhampton-born University of Queensland Science graduate [Professor Peter Myler](#) has won a [major international award](#) for his role in tackling infectious diseases afflicting the world's poorest countries.

[Read more >>](#)

Touching the smell - when does a mouth become a nose

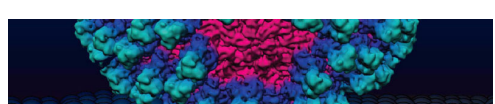
Researchers from Italy and The University of Queensland have discovered that fish and crustaceans such as shrimp can “smell” aromatic compounds in water, after touching them.

[Read more >>](#)

Could anti-cancer drugs be produced in tobacco?

Could we be soon be producing the next generation of anti-cancer drugs in tobacco?

SCMB's Dr Michael Landsberg is part of a group that is aiming to do just that.



[Read more >>](#)



Queensland-led team develops effective economical Ebola treatment

An effective and economical treatment for Ebola patients has been developed by an international team led by Queensland researchers.

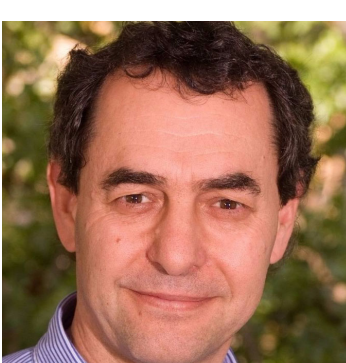
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AWARDS AND APPOINTMENTS



University of Queensland microbiologist [Emeritus Professor John Fuerst](#) has a new bacterial genus (a group of related organisms) named in his honour.

[Read more >>](#)



SCMB's Associate Professor Joe Rothnagel has been appointed the new president of the [Australasian Society of Dermatological Research](#).

[Read more >>](#)



Our best tutors from second semester 2016 have been honoured and rewarded at a School ceremony.

[Read more >>](#)

WHERE ARE THEY NOW?

Read alumni profiles online [here](#).



Dr Vivian Chan has been busy democratising scientific knowledge using human and artificial intelligence. As CEO and co-founder of [Sparrho](#), a London-based startup, Vivian has come a long way from her Bachelor of Biotechnology foundations at The University of Queensland.

[Read more >>](#)



For Tegan Stockdale, diving in and studying hard was only part of her formula to achieve a successful experience at UQ. Besides striving for academic excellence, this Bachelor of Laws/Bachelor of Science graduate also advocates the importance of social experience in university life.

[Read more >>](#)



Daniel Cowan says he never dreamed that his love for science would have led him to the position he holds now, as Head of Labwater Regional Marketing - Asia Pacific. He says UQ was his first choice to study a science degree because of the wide variety of options available in various fields.

[Read more >>](#)

Would you like to share your story as a student, researcher, or alumnus? Please [get in touch](#).

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SEMINARS

The School of Chemistry and Molecular Biosciences regularly holds events and seminars throughout the year.

Please visit our [online calendar](#) for more information.

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