Recent publications in the school

Another paper by Jo Carpenter, her 3rd from her PhD work and she's only 2.5 years in. Congratulations Jo.


*Nature Communications* is an open access journal that publishes high-quality research from all areas of the natural sciences. Papers published by the journal represent important advances of significance to specialists within each field. In 2016 its Impact Factor was 12.124. Congratulations go to Rachel North and Ren Dobson.


In the spotlight

Smart software sniffs sick strain of Salmonella

Dr Nicole Wheeler from the University of Canterbury in collaboration with Associate Professor Paul Gardner from the Helmholtz Institute has developed a smart software to predict how dangerous a particular strain of Salmonella will be. The software that uses machine learning algorithms could be useful to flag dangerous bacteria before they cause an outbreak, from individual hospital wards up to a global scale. Scientists believe that their work will
highly affect the reconnaissance of hazardous microorganisms in a way we haven’t possessed the capacity to previously, in healing center wards, as well as at a worldwide scale. Read the full story at Tech Explorist.

Funding success

Ren Dobson, who with Conan Fee (CAPE) has secured extended funding for the Biomolecular Interactions Centre (BIC) from the Riddet CoRE at Massey University. Funding of $150,000 over 3 years (2018-2020) to support projects of mutual interest to BIC and the Riddet Centre, including a new PhD project.

Jim Briskie, who has secured funding from Christchurch International Airport Limited (CIAL) to support a project entitled Risk posed by Canada geese to aircraft at Christchurch International Airport. Funding of $100,000 over 2 years (2018-2020), including support for a new MSc student.

Liz Dunn, who is doing a PhD with Ashley Garrill – she has been successful with an application to the Cancer Society for her project: The Impact of Genotype Based Cell Line Selection on Novel Treatment Development for Ovarian Cancer ($50,000). A great result Liz!

Europe Bans Bee-Killing Neonicotinoid Pesticides

The European Union has voted to ban the use of the three most commonly used neonicotinoid pesticides on all outdoor crops. The ban, approved by EU member nations on Friday, is expected to go into effect by the end of this year. The use of the pesticides will still be allowed in closed greenhouses.

Research has shown that neonicotinoid pesticides are likely a contributing factor in the rapid decline of bee populations worldwide. Neonicotinoids are nerve agents, and studies have linked their presence on crops to hindering bees’ ability to fly and navigate as well as to malnutrition leading to widespread bee death.

Professor Jason Tylianakis has a small mention on this article which you can read Organic Authority.

Vacancies

Postdoctoral scholarship available, Stockholm University

A postdoctoral scholarship is available in the project “Using the ribonucleotide reductase model system to study enzyme evolution” pursued by Prof. Britt-Marie Sjöberg at Department of Biochemistry and Biophysics, Stockholm University.

Full details

What movie is that?

My understanding of women only goes as far as the pleasure. When it comes to the pain I'm like any other bloke - I don't want to know.

422: Why, no. and to show I bear no ill will, I, too, shall bestow a gift on the child.

Answer: Maleficient (2014). Maleficient (Angelina Jolie) bestows a gift on Aurora....

Guessed by: Angela Langrish
Casual work wanted in ecology

I am a forest ecologist, having received my PhD with a strong focus on restoration/forest ecology at the School of Forestry last year. I do hold a full working visa and am skilled in data analysis, data entry, writing scientific publications – basically, everything that you need to successfully complete your PhD. Contact Conny Keyz.

Editor/proofreader available

Experienced editor/proofreader available online for essays, dissertations, theses and for postgraduates’ papers and publications. Specialist help for students whose first language in not English (ESL). University of Auckland approved proofreader.

Virginia Gray, BSc. (Canterbury), Dip.Edit.
Pennell.edit@gmail.com
027 419 1046

Local honey for sale

1 kg $10, 500 g $5. 2017 season, multi-floral llam garden honey in plastic pottles. Soft granulated. I will deliver to the School of Biological Sciences or arrange pickup/delivery elsewhere. Harry Taylor, email: harry.taylor@canterbury.ac.nz; ph/txt: 021 292 5319

Proofreading and Editing Services

Let me help you produce writing that is clear, error-free and consistent.
Joan Gladwyn, BSc, MSc, CPhys, DipEdit
joan@properwords.co.nz (+64) 21 213 6511

...and now for something completely different

The extraordinary life and death of the world’s oldest known spider

Royal wedding 2018 latest news: Full details for Prince Harry and Meghan Markle’s marriage

Thought for the week

The corgis took to her straight away ... I spent the last 33 years being barked at; this one walks in, absolutely nothing!
~ Prince Harry talking about his beloved meeting his Grandma’s corgis

Contact details

If you have items of news or interest that you would like included in this newsletter, contact the admin office before noon on Friday at BIOLAdminSharedMailbox or phone ext 95200.