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Message from the A/Executive Director

As well as the identified finalists in the HSQ staff awards, I would also like to congratulate Karen Blakey and John Bates for their nomination in the 'Engagement' category. Karen was nominated for her community and professional engagement and the contributions she has made in her field. She is an outstanding bench chemist and has been instrumental in improving processes and driving efficiencies to improve test turn-around times.

John continues his run of award nominations for supporting his profession, colleagues and team through his own active participation and encouraging involvement in the industry.

Find out more about the staff excellence awards and HSQ's recognition program on QHEPS. Our very own Forensic Odontologist's were highlighted on the Queensland Health blog this month. View more at https://www.health.qld.gov.au/news-alerts/news/what-does-forensic-dentist-do-odontology-dental-records-identification-queensland. The department is always looking for information like to so if you would like to highlight your particular area please talk to your Team Leader.

**Staff presentations**


New research projects

Loop-mediated isothermal amplification assay for invasive mosquito detection. Principal investigator: Dr David Warrilow - Public Health Virology; Research team: Public Health Virology

Globally, two mosquito species, *Aedes aegypti* and *Aedes albopictus*, are the vectors most responsible for the transmission of human arboviral disease. The former is found in northern Queensland, the other is currently contained to islands of the Torres Strait. Both mosquito species are the subject of major surveillance efforts requiring laboratory-based testing. Response time is critical for successful vector control programs; a rapid point-of-care test would be preferable. The loop-mediated isothermal amplification assay (LAMP) is a cheap, rapid and specific assay that requires only minimal sample preparation, and can be performed in the field. This project aims to develop LAMP assays which can be easily used in the field for the surveillance and control of these *Aedes aegypti* and *Aedes albopictus* mosquitoes. These will then be assessed for sensitivity and specificity in the laboratory prior to field evaluation at a later date.

Upcoming events

**November 2018**


**December 2018**


AMSI BioInfo 3-7 December 2018 The University of Western Australia [http://bis.amsi.org.au/](http://bis.amsi.org.au/)


Upcoming webinars

Ready, Set, Go! Join the Top 10 FAIR Data Things Global Sprint!
Tuesday 20 November 11-11.30 AEDT

Join this webinar to learn more out the 'Sprint', how you and your team can get involved and what you can expect to get out of being part of such an exciting global initiative. The aim of the 'Sprint' is to create brief guides (stand alone, self paced training materials) that can be used by the research community to understand FAIR (Findable, Accessible, Interoperable, Reusable) in different contexts.  

REGISTER

Make your data count
Tuesday 27 November 12-1pm AEDT

Learn more about the Make Data Count (MDC) project and the five steps you can take to make the data in your repository count

REGISTER

Updated Australian Code for the Responsible Conduct of Research

The 2018 Code establishes a framework for responsible research conduct that provides a foundation for high-quality research, credibility and community trust in the research endeavour

Do you know the 8 principles of responsible research conduct?

1. Honesty  
2. Rigour  
3. Transparency  
4. Fairness  
5. Respect  
6. Recognition  
7. Accountability  
8. Promotion


Clinical Knowledge Network (CKN)

CKN provides clinicians with direct access to the latest evidence-based information for point of care decision making; medical, nursing and health research; and ongoing professional development.  https://www.ckn.org.au

CKN is primarily a clinical resource, so please talk to your friendly library staff at Forensic and Scientific Services if you can't find what you need on CKN.
The 7th Annual NHMRC Symposium on Research Translation - only three weeks to go

NHMRC is partnering with The Reward Alliance, an international network of funders, editors and researchers with a shared interest in ensuring value in health and medical research, to bring you this year's Symposium 'Ensuring Value in Research'.

**Venue** The University of Sydney on 27-28 November 2018

The Symposium is open to anyone with an interest in ensuring value in health and medical research, whether they are researchers themselves or end users.

Come and share your ideas, expertise and experience.

The [full program is now available online](#).

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**New book in the library**

*Killer Instinct: having a mind for murder* / by Donald Grant ([Click to request a loan](#))

This book is written by leading forensic psychiatrist Donald Grant, the first State Director of Forensic Psychiatry in Queensland and a member of the bench of the state's unique Mental Health Court. He describes ten true murder cases, each with unique triggers.

This book succinctly and professionally conducts scientific examination aiming to understand the killer mind and the reasons why individuals embark upon murderous acts. The writer tells us he is concerned not with ‘who did it’ but ‘why they did it’.


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**New guide: Research Data Rights Management**

This guide provides information relevant to data owners, users and suppliers. It includes flowcharts to guide decision making about data usage, data licensing and data reuse.

A day in the life of...

A forensic dentist. Recently the Department of Health interviewed Brad Ross on his role within Forensic and Scientific Services. These articles help to increase recognition in the community and within Queensland Health.


Asia Pacific Food Analysis Network (APFAN) workshop

Ujang Tinggi recently presented at the Asia Pacific Food Analysis Network (APFAN) workshop on food analysis and quality management which was held in Jakarta, Indonesia 25-27 July 2018.

The title of his keynote presentation was 'Mineral and Trace Element Analysis, and the Benefits of Essential Trace Elements in Human Health'. Ujang presented another paper 'Selection and Efficiency of Digestion Procedures', and chaired a session on 'Measurement Traceability, Reference Materials, and Proficiency Testing'.

The presentations were well received and delegates from a number of countries express interest in the capabilities of the Inorganic Chemistry laboratory.