

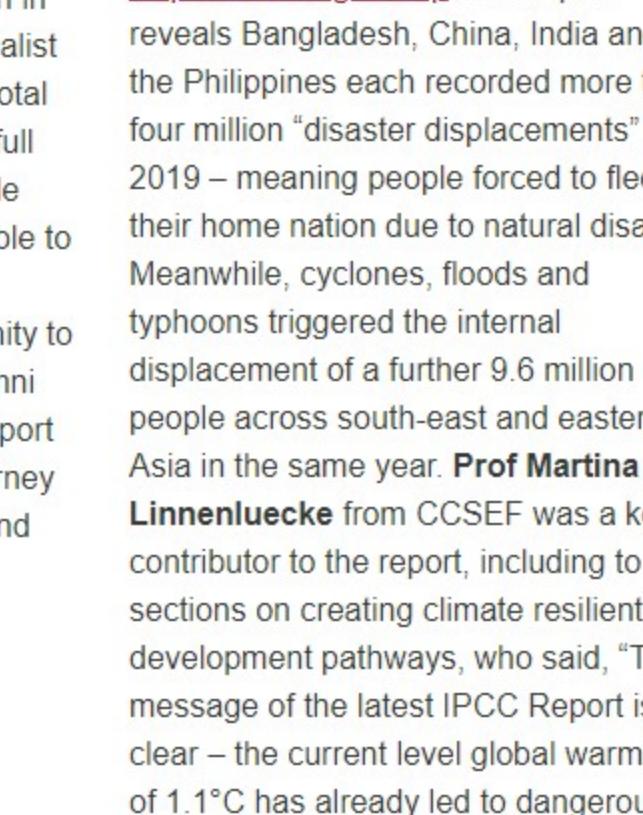
IN THE SPOTLIGHT

Read the interview with ARC Future Fellow [Assoc Prof Tom Murray](#) from the Department of Media, Communications, Creative Arts, Language and Literature. Learn about his area of research, sources of inspiration and recent successes.

Spotlight on...

Assoc Prof Tom Murray
ARC Future Fellow
Department of Media, Communications,
Creative Arts, Language and Literature

*My research is in stories.
Personal stories. National stories. Stories
about the past, stories about the things we
love and fear.*



SUCCESS STORIES

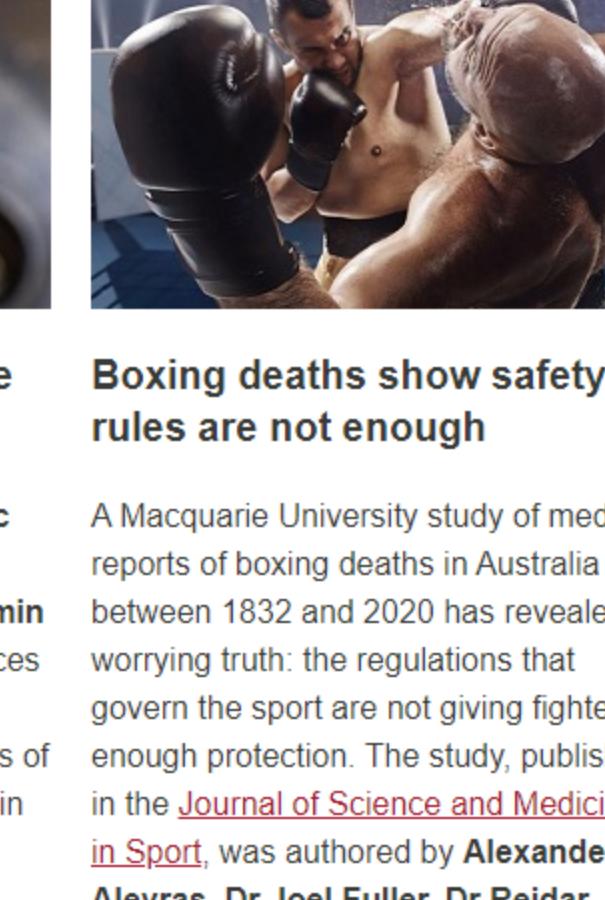


2022 Humboldt Research Award

Congratulations to **Prof Neil Saintilan** from the School of Natural Sciences for receiving a Humboldt Research Award.

Every year, the Alexander von Humboldt Foundation grants up to 100 Humboldt Research Awards to internationally leading researchers of all disciplines from abroad in recognition of their academic record to date.

Award winners receive €60,000 and are invited to conduct a research project of their choice at a research institution in Germany in cooperation with specialist colleagues. The award enables a total stay of between six months and a full year, which can be split into multiple stays. Amongst the benefits available to award winners are invitations to numerous events and the opportunity to attend language courses. The alumni sponsorship measures flexibly support every Humboldtian's individual journey through life, in both their careers and their future collaborations.



Immediate action needed to prevent 40 million climate change refugees by 2050

Climate change will cause up to 40 million climate migrations across southern Asia by 2050 without immediate action to halt further global warming, according to **Assoc Prof Rawshan Ara Begum** from the Centre for Corporate Sustainability and Environmental Finance (CCSEF), who was the coordinating lead author of the UN's Intergovernmental Panel on Climate Change's Sixth Assessment Report Working Group. The report reveals Bangladesh, China, India and the Philippines each recorded more than four million "disaster displacements" in 2019 – meaning people forced to flee their home nation due to natural disaster. Meanwhile, cyclones, floods and typhoons triggered the internal displacement of a further 9.5 million people across south-east and eastern Asia in the same year. **Prof Martina Linnenluecke** from CCSEF was a key contributor to the report, including to sections on creating climate resilient development pathways, who said, "The message of the latest IPCC Report is clear – the current level global warming of 1.1°C has already led to dangerous and widespread impacts and disruptions." [Read more](#)



Pandemic measures cut rate of Salmonella poisoning

A study by **Barbara Davis** and **Assoc Prof Paul Beggs** from the School of Natural Sciences and **Prof Janaki Amri** from the Department of Health Sciences has found that Salmonella poisoning (salmonellosis), one of the key causes of gastroenteritis, dropped off markedly in 2020, coinciding with COVID-19 restrictions. The study, published in [Communicable Diseases Intelligence](#), found the five-year median number of annual salmonellosis notifications for 2015 to 2019 in Australia was 16,379. In 2020, there were 12,033 salmonellosis notifications in Australia, a 27% reduction on the five-year median. Public health measures, thoroughly washing hands and keeping surfaces clean during the COVID-19 pandemic corresponded with this decline. Victoria recorded a larger drop than other states, which is likely to be associated with that state's longer lockdown. *Salmonella* is a mostly foodborne pathogen, but it may also be present in the environment. Most people who contract salmonellosis suffer from fever, diarrhoea and vomiting for about a week, but death is a very real risk for children under the age of five, elderly people, and the severely immunocompromised. [Read more](#)



Boxing deaths show safety rules are not enough

A Macquarie University study of media reports of boxing deaths in Australia between 1832 and 2020 has revealed a worrying truth: the regulations that govern the sport are not giving fighters enough protection. The study, published in the [Journal of Science and Medicine in Sport](#), was authored by **Alexander Aleivas**, Dr Joel Fuller, Dr Reidar Lystad and **Assoc Prof Rebecca Mitchell** from the Australian Institute of Health Innovation. Between 1832 and 2020, 122 professional and 40 amateur boxers died in Australia, with 74% of these deaths attributed to traumatic brain injury. All were male, with the youngest aged just 15. While some deaths occurred in the ring, most happened during the hours and days following the incident, with 96% occurring within a week. Deaths were more frequent between 1910 and 1930, but 11 men died after government regulations to improve safety were introduced in the mid-1970s. The study concludes that current government legislation and its implementation to regulate boxing may be inadequate when it comes to protecting the health and safety of boxing athletes. [Read more](#)

NEWS & INFORMATION



Australian Government Australian Research Council

New ARC Industry Fellowship schemes

As part of the [University Research Commercialisation Action Plan](#), the ARC

will introduce three new Industry

Fellowship schemes. The ARC's new

Industry Fellowship schemes will be

supported through additional funding for

the ARC's flagship Linkage Program.

These schemes will support researchers

to develop cutting edge innovations and

apply their research to addressing

industry challenges. The fellowships will

provide industry with increased access to

individuals with strong technical skills,

knowledge and research capacity.

Opportunities will be available across all

stages of researchers' careers. Together,

this suite of new fellowships aims to

provide a strong pipeline of researchers,

at all stages of their careers, who have a

deep understanding of industry

engagement and can work effectively

with industry to deliver practical real-

world solutions. The ARC is working

collaboratively with the Department of

Education, Skills and Employment to

design the fellowship schemes, which

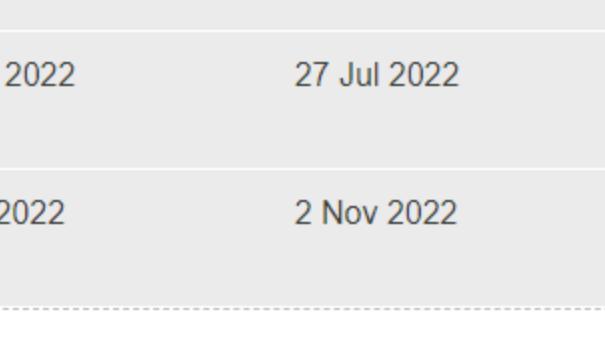
will commence from July 2022. Further

details, including program guidelines and

the application process, will be made

available closer to the commencement

date. [Read more](#)



European Research Council

NHMRC and ARC European Research Council Implementing Arrangements

The European Research Council (ERC) enables NHMRC-funded researchers and ARC DECRA recipients to carry out research with ERC-supported European teams. Researchers can participate through a single, long-term visit (e.g. up to 12 months) or multiple short-term visits (e.g. 1 to 3 months for joint experiments).

It is expected that research visits begin at least 12 months prior to the end/termination date of the NHMRC grant or ARC DECRA.

[View a full list of ERC opportunities available for NHMRC-funded researchers](#). Further information can be found in the [FAQs](#).

Further details and conditions for ARC DECRA recipients within the Implementing Arrangement are available on the [ARC website](#) and [ERC website](#). View the [project descriptions](#) of ERC grant holders available for collaboration and a [summary spreadsheet](#). More information can be obtained from the [Macquarie Post Award team](#).

For more information see the [ERC's Additional Opportunities section of their website](#).

Is your research controlled by the Defence Trade Controls Act?

The Australian Government has updated

the Defence Strategic Goods List and it's

important to find out whether your

research is impacted by these changes.

[The Defence Trade Controls Act 2012](#)

(DTCA) regulates the intangible supply

publication and brokering of goods and

technology as listed in the Defence and

Strategic Goods List (DSGL). The

purpose of the DTCA is to protect the

nation's safety by stopping sensitive

goods and technology from falling into

the wrong hands.

The Defence Trade Controls Act was

revised in 2016 introducing penalties to

individuals that supplied or brokered

items on the [Defence Strategic Good](#)

List, so it's worth taking the time to

check if your research is included.

Macquarie University supports its staff in

complying with this legislation.

If your research is on the list, or you

require any other support on Defence

Trade Controls, you can contact

[defencetradecontrols@mq.edu.au](#)

NHMRC released a [CEO communique](#) on 3 February 2022 to present a detailed analysis of funding outcomes by gender for NHMRC's Investigator Grant scheme. The key points:

- NHMRC is committed to ensuring that all researchers have equal opportunity to undertake health and medical research regardless of their gender. They are working towards this goal until it is achieved.

- Progress has been made towards gender equity in grant numbers and value across the NHMRC grant program overall and near-equal proportions of female and male applicants have been funded for the past 5 years.

- Three rounds of the Investigator Grant scheme have now been completed. In each round, men have applied in higher numbers and a higher proportion. As a result, more grants have been awarded to men than women and men have received more funding than women.

- The main factor underlying the disparity is the continuing predominance of male applicants at the most senior levels of the scheme, where budgets tend to be largest.

- Structural priority funding has boosted the number of Investigator Grants awarded to women. Gender Disparities would be worse without such priority funding.

- NHMRC is actively considering further initiatives it can take to advance gender equity in its grant schemes.

NHMRC have held two webinars to discuss the barriers to gender equity in the health and medical research sector and the levers available to the NHMRC to work towards equity. [View a recording of the first webinar](#).

NEWS & INFORMATION

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