



The Institute

basil hetzel institute for translational health research

MONTHLY BULLETIN FOR TQEH RESEARCH COMMUNITY

WINNING NEWS

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Adelaide G-TRAC Centre researcher receives DECRA

Congratulations to **Dr Azmeraw Amare** on being awarded a 2022 Discovery Early Career Researcher Award (DECRA) from the Australian Research Council. Dr Amare is a clinical epidemiologist with the Adelaide G-TRAC Centre and Centre of Research Excellence in Frailty and Healthy Ageing at The University of Adelaide with expertise across the disciplines of genetic epidemiology, public health and healthy ageing. The DECRA scheme provides focused research support for early career researchers in both teaching and research, and research-only positions.



Dr Azmeraw Amare

Dr Amare will be investigating the genetic basis of human intrinsic capacity. Intrinsic capacity is a new concept introduced by experts at the World Health Organisation to promote healthy ageing. It is defined as the composite of an individual's physical and mental capacities, based on measures of five criteria; cognitive, sensory, locomotor, vitality and psychological. It is a genetically predetermined trait, but is influenced by a range of environmental stimuli. Applying a cutting-edge genetic methodology on big biobank datasets, this project aims to examine the role of genetics and the environment to explain the variability of intrinsic capacity between individuals. Understanding the biological basis of intrinsic capacity has major implications for scientific research in healthy ageing and mental wellbeing.

Celebrating TQEH research



A Dinner to celebrate 60 years of research at TQEH including 30 years of TQEH Research Expo is being planned for Wednesday 13 October. This invitation only event is being funded by The Hospital Research Foundation Group which, as TQEH Research Foundation originally, has been supporting research at TQEH for most of the past 60 years.

The 30th TQEH Research Expo will take place on Thursday 14 and Friday 15 October, with Dr Michael Cusack, Chief Medical Officer of South Australia, giving the Plenary Lecture at 12pm on the Friday. All sessions will be available via Zoom. Information will be placed on the BHI website closer to the time.

SEPTEMBER 2021

ISSUE 147

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BHI SEMINARS

BHI Seminars

1-2pm on Wednesdays

See BHI website for details of invited speaker seminars.

UPCOMING EVENTS

BHI Longest Table Lunch

12pm Tuesday 14 September

BHI Off the Clock

4pm Wednesday 29 September

BHI HUB

Scientific Director Joy Rathjen

BHI Ground Floor
Phone: 8222 6870

joy.rathjen@sa.gov.au

Work days: Tuesday - Thursday



Earlier this year we, the research support staff at the BHI, decided to brand this year the 'Year of Researcher Development'. We needed some optimism after last year – the 'Year of Resilience and Response'.

In June we held a one and a half day workshop on 'Research Leadership' with Hugh Kearns for about 25 of our mid-career and senior researchers. The feedback from this session was fantastic – so good, that we are inviting Hugh back to give a similar workshop to our emerging research leaders in November.

Throughout the year we have held 'Researcher Information Sessions' – seminars given by our colleagues in CALHN and The University of Adelaide on how to make the most of the opportunities our stakeholders provide, including how to navigate the new Ethics and Governance portal (GEMS), SciVal metrics, funding opportunities and how to generate commercial interest in your science. We have one final information session for 2021 – Dr Camille Schubert, from The University of Adelaide, on how to incorporate Health Economics into your research. In addition, I will be providing a second session for students on presenting research – 'Clear and simple presentations' - which will be of particular use, I hope, to those students who will be presenting at the 30th TQEH Research Expo. See page 6 of this newsletter for more information.

We are not alone in providing 'research-specific' professional development to our community in 2021. Associate Professor Wendy Ingman and the EMCR sub-committee of the Adelaide Medical School are providing a series of similar opportunities in the last quarter of this year. A summary of their first event is on page 4 of this newsletter, and a flyer on page 15 advertises an upcoming panel session on "The Modern Scientist: Career opportunities and pathways".

I encourage you all to embrace these initiatives and benefit from what they offer. They are a great way to learn new skills, reinforce skills that have been neglected and to network with your research peers.

BHI Facility Managers (August - December 2021)

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Work days: 9-3pm Tuesday - Thursday



NEWS

New equipment allows essential research to continue



L-R: Alek Kelei and Arthur Yeow, Viral Immunology Group

The BHI Management Committee has successfully arranged for an ageing plate reader to be replaced by a **BMG CLARIOstar Plus Plate Reader and computer**. This essential piece of equipment, valued at \$67,408, was jointly funded by a Faculty of Health and Medical Sciences Research Infrastructure Funding Award from The University of Adelaide and from The Hospital Research Foundation Group's equipment allocation to the BHI.

The CLARIOstar has a multimode operation with fluorescence, absorbance and luminescence capabilities. The plate reader is a crucial item of shared infrastructure at the BHI and is used by at least 8 research groups across more than 25 projects. These include the ENT Surgery group whose Chronic Rhinosinusitis research projects assess the effects of various antimicrobial products on cultured bacterial biofilms. To do this they use the Alamar blue fluorescent viability assay and Crystal Violet assay for biofilm biomass. Other assays utilising the CLARIOstar include the congo red assay for *Pseudomonas* elastase, bacterial lipase and protease activity assays and measurement of bacterial growth in liquid culture using absorbance readings. This large research group also studies inflammation via cytokine release from human primary nasal epithelial cell cultures using ELISA assays, which are also read on the CLARIOstar.

The Viral Immunology Group will use the plate reader for undertaking ELISAs, which are essential for their vaccine work to determine immunogenicity of their vaccines in small animal models. They are also currently running a nationwide COVID-19 serology study with Victoria and New South Wales, which will advance vaccine design, treatment options and develop diagnostic reagents. The plate reader will also be essential for the group's *in vitro* work using luminescence and fluorescence, to determine the expression of antigen in transfected cells.

Finally, multiple groups at the BHI will use the plate reader to detect *Mycoplasma* in cell cultures using a luminescent assay.

Please contact Arthur.Yeow@adelaide.edu.au (Viral Immunology Group) for training on the use of this new equipment.

Postdoctoral researcher joins Breast Biology and Cancer Unit at the BHI



Dr Ali Farajpour Ouderji

Dr Ali Farajpour Ouderji graduated with a PhD in Mechanical Engineering from The University of Adelaide in May 2021, working on advanced mathematical elasticity models. His research interest lies at the intersection between mechanical engineering and medical science; there is great potential to use elasticity modelling to investigate the biological properties of living tissues and identify early cancers. His current project with the Breast Cancer and Biology Unit at the BHI, TQEH, is focused on developing advanced elasticity models to simulate the mechanical characteristics of breast tissue with high mammographic density for the very early detection of breast cancer.

Recently, Ali attended a workshop for Early and Mid-Career Researchers organised by the Adelaide Medical School EMCR sub-committee, which is chaired by Associate Professor Wendy Ingman. His summary of the session is provided below.

ali.farajpourouderji@adelaide.edu.au

EMCR events at The University of Adelaide

The Adelaide Medical/Biomedical School Research Committee at The University of Adelaide has commenced a series of sessions for Early and Mid-Career Researchers (EMCR). The first of these, presented by Hugh Kearns from Thinkwell on Monday 23 August was about “Staying well in your research career”.

The next session “Mainstream and social media training” is being run by the Australian Science Media Centre on Thursday 30 September. Keep your eye out for emails that will include the EventBrite registration link as numbers will be limited.

Another event is planned for Tuesday 12 October and consists of a panel of speakers talking about “The Modern Scientist: Career opportunities and pathways” – details are on the flyer on page ??? of this edition of Winning News. Further enquiries about these EMCR sessions can be sent to ams_emcr@adelaide.edu.au

Dr Ali Farajpour Ouderji summarises Hugh Kearns’s “very useful workshop and fantastic presentation...” with the following points:

“Staying well in your research career”

- 1) Set a deadline for your research work. It is particularly important in self-management. If there is no ending point you are very likely to spend too much time on a simple task.
- 2) Many researchers and PhD students tend to be a great perfectionist. It slows down your progress. It is important to first determine how important a task is and then adjust the level of precision based on that.
- 3) There are many things these days that we do not have an influence on. Every day the media is full of bad news which we cannot do anything about. Thinking of these frustrating events just makes us sad and depressed. It is much better to just focus on the things we can do something about.
- 4) Two real hours = 10 hours of fantasy work. To make your work hour real, close the door, use a “Do not disturb sign” and put your smartphone on silent mode and turn off all notifications.
- 5) Many researchers believe that they must feel motivated to do a task. However, there are no “motivating miracles”. You need to take action and then motivation comes to you. Do not wait to feel motivated.
- 6) Have a “Done list”. Usually people have a “To do list”, which makes them feel depressed and overwhelmed whenever they look at it. At the end of your day, have a list of all things you have done. It gives you a great feeling and helps you keep motivated.
- 7) Have a two-goal approach. Researchers often set unrealistic goals which are difficult to achieve. It is much better to have two goals every day or week. One goal that you must achieve (your minimum target) and another one that is a bonus (your stretch goal). This approach helps you feel good about your progress.
- 8) Work at a nanoscale level. When you think about the final destination, which is far away, you can easily get overwhelmed. The next thing to do should be a very small step. A big success is a combination of very small things.

COMMUNITY ENGAGEMENT

Lasting impact of COVID-19 infection on the immune system

Dr Branka Grubor-Bauk, research leader of the Viral Immunology Group at the BHI, together with other researchers from The University of Adelaide, Professor Simon Barry and Associate Professor Michael Beard, are part of large collaborative study which has shown that people's immune systems were significantly altered six months after their COVID-19 infection.

Read more about their research in The University of Adelaide [news story](#), published on 9 August.



L-R: Prof Simon Barry, Dr Branka Grubor-Bauk and A/Prof Michael Beard

Science in the Pub: Sue Lester



L-R: Dr Jono Tuke, Sue Lester and Professor Corey Bradshaw

The goal of Science in the Pub (<https://www.scipubadelaide.org/>; Twitter @SciPubAdelaide) is to promote an understanding of and enthusiasm for science, technology, engineering and mathematics (STEM) amongst the general public. It brings together anyone with an interest in understanding, critiquing, debating and learning more about current issues in science in a casual, friendly setting that is open to everyone. Short presentations on the selected topic are delivered by 2-4 panellists, followed by questions and debate.

Meetings are held on the first Friday of every month, at the Rob Roy Hotel, 106 Halifax Street, Adelaide. There is no cost to attend,

and registration for each event is available on EventBrite.

The topic for the August meeting, chaired by **Dr Pallave Dasari** from the Breast Biology and Cancer Unit at the BHI, was "The science of statistics: does it support truth or lies?" Dr Jono Tuke, from the Department of Mathematics at The University of Adelaide, spoke about natural language processing, and illustrated this with an entertaining analysis of trends in Eurovision song lyrics over time, complete with prediction of lyrics for a new song! **Sue Lester**, from the Rheumatology Research Group at the BHI, spoke about the importance of statistics in clinical research "The numbers tell the story" and Professor Corey Bradshaw, a Matthew Flinders Fellow in Global Ecology at Flinders University, spoke about population growth prediction models.

The topic for the 3rd September meeting is "The Science of Microscopes". Free registrations for these events disappear quickly – so keep an eye on their website for future bookings.

BHI STUDENT NEWS

BHI STUDENT REPS
2020 – 2021



Roshan Nepal (Level 1)
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Ghais Houtak (Level 1)
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Researcher Development

Associate Professor Joy Rathjen, Scientific Director, BHI, TQEH

“Clear and Simple Presentations”

1:30pm Wednesday 8 September

BHI Seminar Rooms

All students/trainees, especially those presenting at the 30th TQEH Research Expo, are encouraged to attend this information session.

3MT Final

Current students are encouraged to watch the Virtual University 3MT Final on Tuesday 14 September that will bring together video submissions from ten faculty finalists across the University of Adelaide, in celebration of the exciting HDR research being undertaken across all areas of research.

Although video submissions will be judged in the virtual 3MT format in the place of live presentations, a Virtual University 3MT Final event will still be held as part of the Research Tuesdays series where the University of Adelaide 3MT winner will be announced. [Register to attend, in person or virtually!](#)

Please welcome Lana to the BHI, TQEH



Lana Matteucci

**Therapeutics Research Centre, Level 2 BHI
Bachelor of Biomedical Research (Honours),
University of South Australia.** Commenced August 2021.

Supervisors: Dr Amy Holmes, A/Prof Lorraine MacKenzie and Prof Mike Roberts

Thesis title: Vaginal Mucosa Infections: an unmet clinical challenge

BHI Off the Clock

All staff and students are welcome to attend these informing gatherings that are held on the last Wednesday of each month. The next event will be held in the Ground Floor Seminar Rooms from 4pm on Wednesday 29th September.

GENERAL INFORMATION

STATISTICIAN AT THE BHI

Suzanne is available at the BHI each Tuesday and can be consulted by TQEH/ The University of Adelaide Faculty of Health & Medical Sciences staff and research higher degree students. Support is limited to 15 hours on a per project basis.



Tuesdays

BHI Level 1

Room 1E.07

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Suzanne Edwards

Statistical Consultant
Data, Design and Statistics
Services
Adelaide Health Technology
Assessment (AHTA)
School of Public Health
The University of Adelaide

BHI's Longest Table Lunch



**12pm
Tuesday
14 September**

The Longest Table is The Hospital Research Foundation Group's annual cancer fundraiser. Each year since it began in 2013 the Basil Hetzel Institute has hosted an event which makes this our 9th consecutive year. We hope you can all donate and bring a plate of food to share!

When: 12pm Tuesday 14 September 2021

Where: The Atrium, Basil Hetzel Institute

What: Donate and bring a plate of food to share! Each person attending should make a donation to The Longest Table via the link below, and show off their cooking skills (or visit the local shops!). And if you can't make the lunch, you're still welcome to donate!

<https://www.thelongesttable.com.au/table/bhi/>



TQEH Librarians

Every Wednesday a TQEH librarian, Anna or Rachel, visits the BHI (Room 1E.07). These librarians are from the SA Health Library Service, The Queen Elizabeth Hospital campus, and are available to assist you with constructing suitable literature and database searches for your research and help you obtain relevant material.

Please contact TQEH librarians anna.holasek@sa.gov.au or rachel.davey@sa.gov.au to arrange a Wednesday morning meeting, or another time at TQEH Library on level 5B of the Main Tower.

Alternatively, visit the library website at SALUS [<https://salus.sa.gov.au>] to view our services and resources or use the quick online chat option to contact us.

Please [register online](#) for a SALUS username and password to access online library resource.

GENERAL INFORMATION CONTINUED

Pre-review service for clinical research grants

All research studies, including grant funded research, require appropriate ethics and governance approvals before they can commence. Unlike the NHMRC, many funding bodies do not utilise a peer-review system as part of their grant funding rounds. This can lead to delays in researchers obtaining the post-award approvals that are required before they can start their projects. **The CALHN Research Office is offering pre-application scientific review of clinical human research projects by the CALHN HREC Chair, Mr Ian Tindall, with a view to facilitating efficient post-award approval processes.**

For further information and submission please contact the CALHN Research Office on Health.CALHNResearchEthics@sa.gov.au or call 7117 2230

CALHN Human Research Ethics Committee 2021 Submission and Meeting Dates for Applications

A list of all meeting dates can be found on the [BHI website](#)

HREC/IDSC Submission deadlines	CALHN HREC Meeting	IDSC Meeting
Monday 16 August 2021	Thursday 9 September 2021	
Monday 30 August 2021	Thursday 23 September 2021	Thursday 23 September 2021
Monday 13 September 2021	Thursday 7 October 2021	
Monday 27 September 2021	Thursday 21 October 2021	

The Central Adelaide Local Health Network Human Research Ethics Committee (CALHN HREC) will hold two meetings and with two submission deadlines each month in 2021.

The Investigational Drug Sub-Committee (IDSC) will continue to meet monthly.

Studies involving early phase trial of investigational medicinal products require review and approval from both the IDSC and CALHN HREC.

Supporting documents are to be submitted to CALHN HREC via email Health.CALHNResearchEthics@sa.gov.au

For more information please contact:

Investigational Drugs Subcommittee (IDSC) Mr Peter Siobodian or Dr Ada Lam Executive Officer, Specialist Pharmacist Phone: (08) 7074 1430 or (08) 7074 1150 peter.siobodian@sa.gov.au ada.lam@sa.gov.au	CALHN Human Research Ethics Committee (HREC) Ms Lisa Barrie CALHN HREC Level 3, Roma Mitchell House Phone: (08) 7117 2229 or (08) 8222 6841 Health.CALHNResearchEthics@sa.gov.au
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Animal Ethics

Animal ethics applications go through The University of Adelaide Animal Ethics Committee.

Details of meeting and submission dates: www.adelaide.edu.au/research-services/oreci/animal/applications/

Contact details for this committee:

Amanda Camporeale, Animal Ethics Officer

Phone: 8313 6310

Email: amanda.camporeale@adelaide.edu.au

WORK, HEALTH & SAFETY

OHS Inspection - Monday 20 September 2021

OHS Inspections of TQEH Research Facility at 37a Woodville Road will be held on Monday 22 September:

NOW is the time to start checking that your area will be compliant

- Correct labelling of solutions:

- Owner's name (NOT initials)
- Date
- Full names of ingredients. Don't use abbreviations (unless they are defined on generic lists which are prominently displayed in the area)
- Use Chemwatch labels for hazardous substances

- Correct labelling of specimens including storage solution, owners name and date

- Discard any obsolete samples/solutions

- All biohazard bins empty

- Benches clean and tidy

- Ensure all common areas (e.g. cold rooms, cell culture facilities, balance rooms) are also well maintained; solutions labelled, clean and tidy etc.

- Correct storage of larger volumes of flammable liquids in flammable cabinets


- Clear clutter in the fume hoods

- Don't store heavy items above head height

- No unauthorized power boards

- Floor is clear of boxes, etc. and free of trip hazards

Please contact Interim BHI Facility Manager Imogen.Ball@sa.gov.au if you have any questions.



**ChemWatch;
Australia**

FORMALDEHYDE. (FORMALDEHYDE.)

DANGER

INGREDIENTS: FORMALDEHYDE., 50-00-0, 100 %

Precautionary statement(s): Obtain special instructions before use.; Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.; Do not breathe mist/vapours/spray.; Wash all exposed external body areas thoroughly after handling.; Do not eat, drink or smoke when using this product.; Use only outdoors or in a well-ventilated area.; Wear protective gloves, protective clothing, eye protection and face protection.; Avoid release to the environment.; Contaminated work clothing should not be allowed out of the workplace.; IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider.; IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.; IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).; IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.; IF exposed or concerned: Get medical advice/attention.; Specific treatment (see advice on this label).; In case of fire: Use water spray/fog to extinguish.; IF ON SKIN: Wash with plenty of water.; IF INHALED: Remove person to fresh air and keep comfortable for breathing.; If skin irritation or rash occurs: Get medical advice/attention.; Take off immediately all contaminated clothing and wash it before reuse.; Wash contaminated clothing before reuse.; Store in a well-ventilated place. Keep container tightly closed.; Store locked up.; Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

Hazard statement(s): Combustible liquid.; Toxic if swallowed.; Toxic in contact with skin.; Toxic if inhaled.; Causes severe skin burns and eye damage.; May cause an allergic skin reaction.; Suspected of causing genetic defects.; May cause cancer.; Harmful to aquatic life.

PUBLICATIONS

If you wish to have a recent publication included, please send details to the BHI Communications Officer

rebecca.anderson@adelaide.edu.au

Al-Qurain A, Williams D, Mackenzie L, Roberts M, Wiese M. Simultaneous LC-MS/MS quantification of oxycodone, tramadol and fentanyl and their metabolites (noroxycodone, oxymorphone, O-desmethyltramadol, N-desmethyltramadol, and norfentanyl) in human plasma and whole blood collected via venepuncture and volumetric absorptive micro sampling. *Journal of Pharmaceutical & Biomedical Analysis*. 203:114171, 2021 Sep. doi.org/10.1016/j.jpba.2021.114171.

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Erkic R, Richter K, Bruning J. The therapeutic potential of inhibiting PPARGgamma phosphorylation to treat type 2 diabetes. *Journal of Biological Chemistry*. 101030, 2021 Jul. doi.org/10.1016/j.jbc.2021.101030.

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Prentice R, Rentsch C, Al-Ani A, Zhang E, Johnson D, Halliday J, Bryant R, Begun J, Ward M, Lewindon P, Connor S, Ghaly S, Christensen B. SARS-CoV-2 vaccination in patients with inflammatory bowel disease. *GastroHep*. 2021. doi.org/10.1002/ygh2.473.

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Stamp L, Farquhar H, Pisaniello H, Vargas-Santos A, Fisher M, Mount D, Choi H, Terkeltaub R, Hill C, Gaffo A. Management of gout in chronic kidney disease: a G-CAN Consensus Statement

on the research priorities. *Nature Reviews Rheumatology*. 2021 Jul. doi.org/10.1038/s41584-021-00657-4.

Zou D, Wang H, Liu X, Xu Z, Roberts M, Zhao C. Artificial cells for the treatment of liver diseases. *Acta Biomaterialia*. 130:98-114, 2021 Aug. doi.org/10.1016/j.actbio.2021.06.012.

Ahip S, Shariff-Ghazali S, Lukas S, Abdul Samad A, Mustapha U, Theou O, Visvanathan R. Translation, adaptation and pilot testing of the Pictorial Fit-Frail Scale (PFFS) for use in Malaysia - The PFFS-Malay version (PFFS-M). *Malaysian Family Physician*. 16(2):27-36, 2021 Jul. doi.org/10.51866/oa1036.

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Santos-Paulo S, Costello S, Forster S, Travis S, Bryant R. The gut microbiota as a therapeutic target for obesity: A scoping review. *Nutrition Research Reviews*. 1-14, 2021 Jun. doi.org/10.1017/S0954422421000160.

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Tran A, Vaidya S. Treatment of refractory vitiligo with the 308-nm excimer lamp – An Australian prospective analysis of clinical efficacy and safety. *Australasian Journal of Dermatology*. 61(3):289-291, 2020 Aug. doi.org/10.1111/ajd.13259.

PUBLICATIONS CONTINUED

If you wish to have a recent publication included, please send details to the BHI Communications Officer

rebecca.anderson@adelaide.edu.au

Wiese M, Hopkins A, King C, Wechalekar M, Lee A, Spargo L, Metcalf R, McWilliams L, Hill C, Cleland L, Proudman S. Precision medicine with leflunomide: Consideration of the DHODH haplotype and plasma teriflunomide concentration and modification of outcomes in patients with rheumatoid arthritis. *Arthritis Care & Research*. 73(7):983-989, 2021 Jul. doi.org/10.1002/acr.24236.

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TOGETHER. FIGHT.

Millions to Win in The Hospital Research Foundation Home Lottery

The Hospital Research Foundation Home Lottery is back!

With millions to win, there are more big prizes than ever before! You have the chance to live your best life in a luxurious, fully furnished Scott Salisbury home on the Esplanade at South Brighton, PLUS \$500,000 cash!

Every day would be a dream waking up to ocean views, the beach at your front door and no mortgage!

By purchasing a ticket, your support has an impact! An impact on the quality of care in hospitals. An impact on world-leading advancements in medical research. An impact on services for those dealing with chronic and terminal conditions. And an impact on the health and wellbeing of our community.

Purchase your ticket today at www.homelottery.com.au



There's still time to #ForkCancer

You may have heard that we had to postpone the official night for The Longest Table due to COVID-19 lockdowns and restrictions.

But the new official date is just around the corner! Join many others across South Australia on Saturday 18 September as we band together to #ForkCancer!

The Longest Table is our annual cancer fundraiser, bringing families and friends together to raise much-needed funds for cancer research.

We know that cancer doesn't stop for COVID-19, which is why your Longest Table is as important as ever!

To find out more, register to host, or donate, visit www.thelongesttable.com.au!



Join our Team!



We are seeking an outstanding individual to join the Marketing and Fundraising team as our Fundraising Content Specialist.

If you know someone who has a passion for creating varied and engaging content, we would love to hear from them!

Find out more about the role and apply here: <https://bit.ly/3jeT0z5>

The Healing Power of Music



The healing power of music is having an enormous impact at the RAH, helping people like Brian (pictured left) cope with his upcoming open-heart surgery and fear of hospitals.

Brian was a long way from his family, his country and community in Alice Springs while he anxiously waited for open-heart surgery. Not only was he in an unfamiliar environment, Brian is also living with Schizophrenia and is partly blind.

To help relieve his anxiety and get ready for his surgery, Brian underwent music therapy through a partnership with NDIS and THRF Group charity [Centre for Creative Health](#), and was able to record a song called Ngura Waltjipa in Pitjantjatjara from his hospital room.

To find out more about Brian's story and listen to his song, [click here!](#)

Join us for the City-Bay Fun Run

THRF Group is running in this year's [Lumary City-Bay Fun Run](#) and we want you to join us!

The date has now been pushed back to Sunday 7 November – giving you more time to train!

Together, let's run or walk to fight against the most common diseases and illnesses affecting our community.

Simply select 'The Hospital Research Foundation' from the list of charities [when you register](#). Anyone who raises more than \$100 gets a free running top!



UPCOMING EVENTS

Adelaide Biomed City Mini-Reviews

Past ABMC Mini-Reviews can be [viewed online](#).

Join via Zoom: sahmri.zoom.us/j/89356324895

Adelaide BioMed City

ABMC Research Mini-Reviews

Join our weekly webinar to find out about current research activities within the ABMC precinct.

Sessions are also recorded & available on ABMC Website for later viewing.

Statewide on PROMs

Tuesday 7 September
4:30-5:00pm (ACDT)

Ms Megan Scott

Statewide Patient Reported
Measures Program

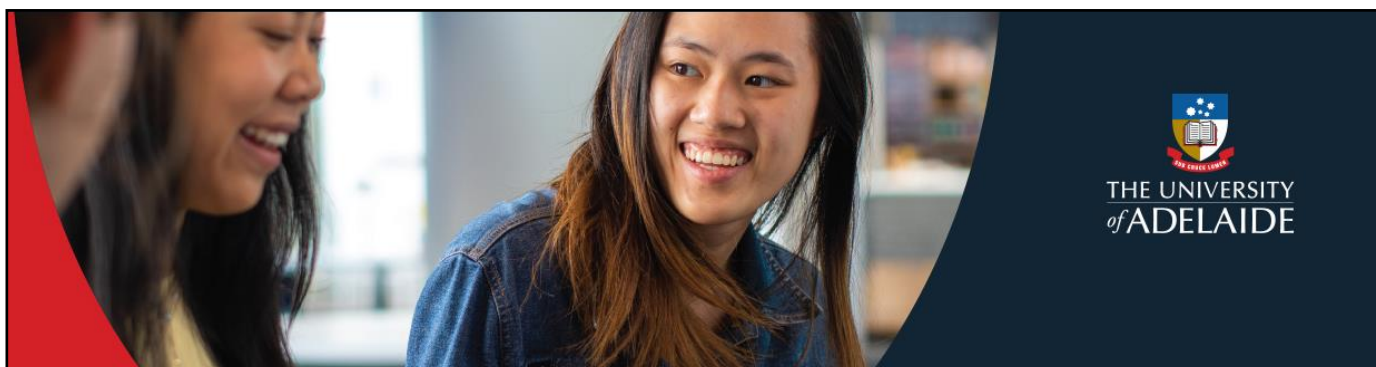
Associate Professor Rosanna Tavella

Patient Reported Outcome
Measures in the CADOSA Registry

Chaired by
Professor John Beltrame

UPCOMING EVENTS CONTINUED

for Early and Mid Career Researchers



The Modern Scientist: Career opportunities and pathways

Early/Mid Career Researcher Event

There is a wealth of opportunities for PhD graduates to develop exciting and challenging careers. However, navigating these can be difficult, you might be wondering – **where will I be in 5 years?** By hearing from PhD graduates who have used their training to develop diverse career pathways, this series of presentations followed by a panel discussion will open up new avenues of career possibilities for you to explore. Come along and be inspired!

Panel Speakers



nanotechnology and biology to improve human health, and she is passionate about research translation.

Prof Olga Shimoni is Senior Scientist at Alcolizer Technologies. Prior to that, she was a group leader at the UTS Faculty of Science and ARC-NHMRC Dementia Research Fellow. Her research captures innovations in chemistry,



supporting strategy and innovation. Terry has held a number of global senior strategic positions in both public and private sectors.

Dr Terry Sweeney is the founder of a global digital health advisory at the intersection of healthcare, big data and technology. He helps healthcare and life sciences organisations around the world to realise significant results from technology adoption,



Adelaide Medical School in 2009, and since then has worked with Faculty, DVCR and Research Services to support research activities and administer grant-funded

Dr Cadence Haynes is the University of Adelaide's MRFF Opportunities Manager within the Strategic Research Team, overseeing major competitive grant schemes across Health, Biotech and Medical Research. She completed her PhD at the

programs. She is currently a member of the University's Health and Medical Industries Engagement Coordinating Group and is undertaking a visiting fellowship with Health Translation SA.



also President-elect to Science and Technology Australia, the peak body in Australia that represents 88,000 scientists.

Prof Mark Hutchinson is the Director of the ARC Centre of Excellence for Nanoscale BioPhotonics, an Australian Research Council Future Fellow and a Professor within the Adelaide Medical School at the University of Adelaide. Mark is



academic, she now sits at the interface between science and the public, helping to turn ideas into impact through storytelling. She believes that creating clear and consistent narrative, engaging broadly with consumers, authenticity, integrity and humour are the keys to effective communication.

Dr Hannah Brown is an Adelaide born and educated, internationally trained, researcher-turned-leader and communicator who leads Science Strategy and Operations at the Victorian Heart Institute. Having trained and worked as an

Details

When: Tuesday 12th October, 2021

Where: Adelaide Health and Medical Sciences Building G030 Lecture Theatre 1

Time: 10:00am – 12:30pm, including catered lunch

How to register: <https://www.eventbrite.com.au/e/the-modern-scientist-career-opportunities-and-pathways-tickets-167388424283>

Further enquiries

Adelaide Medical School EMCR sub-committee

Email: ams_emcr@adelaide.edu.au

Presented by the Adelaide Medical/Biomedical School Research Committee

UPCOMING EVENTS CONTINUED



The South Australian/Northern Territory branch of ASI cordially invites all students and scientists working in the field of Immunology and closely related fields to attend the

ADELAIDE IMMUNOLOGY RETREAT (AIR-16)

18TH – 19TH October 2021

McLaren Vale Function Centre

Corner Main Rd & Caffrey St, McLaren Vale, SA

Invited guests:

Dr Joanna Groom, The Walter and Eliza Hall Institute, Melbourne
Prof Shaun McColl, Carina Biotech & The University of Adelaide, Adelaide
A/Prof Dani Dixon, Flinders University, Adelaide

All student delegates and ECRs are encouraged to present aspects of their research (9 min talk)

Plenty of fun social activities including scavenger hunt, wine tasting and quiz

Registration includes:

All scientific sessions, meals, and shared accommodation*

Registration Fees:

Student ASI member:	\$50	Non-student ASI member:	\$80
Student non-member:	\$100**	Non-student non-member:	\$160**

*A limited number of single rooms will be available for an additional cost; email damon.tumes@unisa.edu.au for more information

**Interim ASI memberships for 2nd half of 2021 accepted for reduced registration (\$34 for students, \$75 for full members)

ASI members are eligible for awards and cash prizes for best presentation in each category

Best PhD presentation: Cash prizes and registration for ASI scientific meeting 2021

Registration and abstract submission deadline:

5pm Friday 24th September 2021

<https://www.immunology.org.au/events/2021-Adelaide-Immunology-Retreat> or scan the QR code

With thanks to our major sponsor:



UPCOMING EVENTS CONTINUED

Celebrating our local advances in pharmacy, pharmacology and pharmaceutical science



SAVE THE DATE! **ADELAIDE PHARMACOLOGY GROUP 27th ANNUAL SCIENTIFIC MEETING**

Friday 3rd December 2021

Room G030, Ground Floor,
Adelaide Health and Medical Sciences Building
-Further details to follow-

CALL FOR CONTENT!

Are you a PhD student or ECR and would like to share your research?
Please email your name, institution, contact number and draft
presentation title to Hayley.Schultz@unisa.edu.au
We aim to organise diverse speakers representing all institutions.

REGISTRATIONS ARE ESSENTIAL – [REGISTER HERE](#) BY 25/11/2021

We look forward to seeing you there!

APG President Prof Betty Sallustio & co-chairs Dr Hayley Schultz and Dr Rachael Farrington

OPPORTUNITIES



the hospital research
foundation group

TOGETHER. FIGHT.

2021 Improving Quality of Life for Parkinson's & Stroke Grant Round

EOI deadline is 4pm Wednesday 15 September 2021

The Hospital Research Foundation (THRF) Group is pleased to invite Expressions of Interest for its 2021 Grant Round focused on Improving Quality of Life for Parkinson's & Stroke. [FULL DETAILS ON WEBSITE.](#)

The THRF Group 2021 Improving Quality of Life for Parkinson's & Stroke Grant Round is available for all SA-based health and medical researchers at all career stages, with funding of up to \$80,000 for up to two years.

The round has two Streams, and is looking to fund projects that will develop and evaluate innovative, sustainable and person-centred approaches to improve the quality of life of people impacted following a:

Parkinson's Diagnosis (Stream 1)

or

Stroke Event (Stream 2).

It is expected that projects will yield high-impact, evidence-based approaches ready to be implemented (and sustained) for people impacted by a Parkinson's diagnosis (Stream 1) or recovering from a stroke event (Stream 2) in South Australia. Projects which have potential for future expansion, within South Australia and/or nationally/internationally, will be highly regarded.

THRF Group acknowledges that there is excellent research being undertaken to develop novel pharmaceutical and other potential treatments for these conditions, but such projects are beyond the scope of this particular Grant Round.

Expressions of Interest will only be accepted via the SmartyGrants platform, and must be submitted by the deadline of 4:00pm (ACST) Wednesday 15th September 2021.

Any queries should be directed to savelives@hospitalresearch.com.au



[HTTPS://WWW.CURE4CF.ORG/RESEARCH-GRANTS/](https://www.cure4cf.org/research-grants/)

The Holckner Family CF Impact Grant Round OPEN

Applications open August 10, 2021, and close at 5pm ACST on September 17, 2021.

Cure4 Cystic fibrosis Foundation proudly funds excellent research that has the potential to substantially extend lives. Our goal is to see the research we support translated into clinical benefit. We emphasise this from the very beginning, prioritising projects that have a clear translational path, and researchers who are committed to taking the necessary steps to see their innovation in the hands of people with cystic fibrosis.

Cure4CF receives advice and recommendations from an established Research Advisory Committee. Its role is to identify, evaluate and support innovative and high-quality research projects with a clear impact. These services are provided at no charge to Cure4 Cystic Fibrosis.

From January 2019 Cure4 Cystic Fibrosis expanded its grant program to the national scientific research community and offer grant funding opportunities to a competitive research market, Australia wide.

The broad reach of the Cure4CF grant program to universities and medical research institutes across Australia, means that we can be aware of and potentially fund the best cystic fibrosis research initiatives across the country.

Our sole focus is to fund research that seeks to develop therapies or cures that will result in an increase in average life expectancy of people with cystic fibrosis with consideration given to quality of life.

Through collaboration with our cystic fibrosis community and investment in research we will help strengthen and expedite the delivery of research outcomes, and ultimately a cure for all people living with cystic fibrosis.

Your application must be submitted via email to grants@cure4cf.org prior to the deadline at 5pm (ACST) on 17th of September 2021. Late applications will not be assessed.

If you have any questions regarding the application process or require technical support, please contact the team at grants@cure4cf.org or phone (08) 7221 8536 during office hours (Monday-Friday) 9am to 5pm (ACST).