



The Institute

basil hetzel institute for translational health research

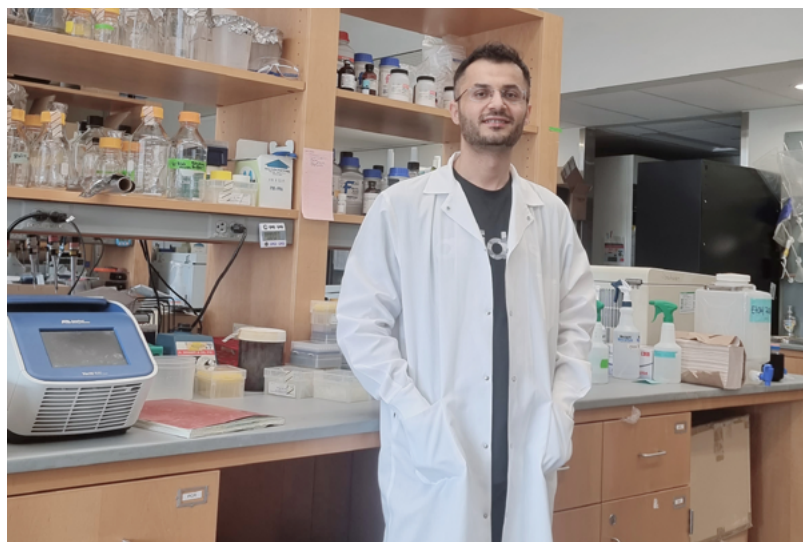
MONTHLY BULLETIN FOR TQEH RESEARCH COMMUNITY

WINNING NEWS

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BHI Alumnus at Yale University



Dr Reger Mikael in his laboratory at Yale University

Dr Reger Mikael completed his PhD with the Solid Tumour Group at the BHI, TQEH, under the supervision of Professor Tim Price, Associate Professor Joanne Young and Dr Eric Smith from The University of Adelaide, and Professor Bernd Wollnik at the University of Göttingen in Germany.

Reger is currently at Yale University and has written the following summary of his PhD research:

My PhD was about colorectal cancer (CRC) and appendiceal neoplasms in Australian young adults. The incidence and mortality rates of these malignancies are rising alarmingly in Australia and in many other countries including the US and Canada. The outcome of my PhD research was 7 manuscripts, six of which have already been published and one is currently under review. We have found that a personal history of type 2 diabetes in CRC patients aged <55 years old was significantly higher compared to controls (age- and sex-matched individuals with clear colonoscopies), suggesting that patients with this condition might be at a higher risk of developing young-onset CRC. We have also shown that approximately one in five young adults with CRC had a pathogenic/likely-pathogenic variant in at least one cancer-predisposing gene. One in 20 cases had pathogenic/likely-pathogenic variants in breast cancer/ovarian cancer-related genes. These findings suggest that patients with germline variants in breast cancer/ovarian cancer related genes might be at higher risk of developing other types of cancers including CRC and these patients and their relatives might need to receive screening earlier than the general population. We have also shown findings to add further weight to the potential hereditary role of *RNF43* in colorectal tumorigenesis. In addition, my PhD has contributed to demonstrating that the incidence and mortality rates of appendiceal neoplasms are rising alarmingly in Australia. In contrast to CRC, the increase in incidence and mortality rates of appendiceal neoplasms is not limited to young adults but also to elderly individuals.

In the second year of my PhD, I was awarded a grant to travel to the Institute of Human Genetics, University Medical Center Göttingen, in Germany to learn the Mutation-Mining technique to analyse exome sequencing data of young adults with CRC or appendiceal

MAY

2022

ISSUE 154



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BHI SEMINARS

Invited Speaker Seminar

Dr Jodie Avery
1pm Wednesday 25 May
BHI Ground Floor Seminar Rooms
and via [Zoom](#)

BHI HUB

Scientific Director Joy Rathjen



BHI Ground Floor

Phone: 8222 6870

joy.rathjen@sa.gov.au

Work days: Tuesday - Thursday

Will you all join me in officially welcoming **Ms Imogen Ball** as the new BHI Facility Manager. Imogen stepped up to this role last August in an acting capacity as a back-fill for Kathryn Hudson when Kathryn took a secondment as SAiGENCI's acting Institute Manager. We all know how that ended, with Kathryn lured up to the University and the bright lights of North Terrace, but we have been fortunate to have found in Imogen someone so competent and capable. Imogen joins us after 10 years as a Research Assistant/Research Officer working in pre-clinical and clinical studies of the toxicity of cancer treatments, a background that has developed in Imogen a range of skills that ideally prepare her for facility management. I think we have already seen that Imogen's logical, level-headed approach and strong communication skills deliver the support we require at the BHI, and her friendly, professional attitude has already positively impacted the research community of the BHI, TQEH.

Thank you to **Professor Danny Liew**, Dean and Head of the Adelaide Medical School at The University of Adelaide, for visiting the BHI, TQEH on Monday 9 May. To a full seminar room Danny introduced his ideas and plans for the school and answered questions from our researchers before we broke out into the atrium for more chatter. We hardly missed the tea and cakes we would have laid out for a morning tea in pre-pandemic times! The discussion was wide-ranging and positive as researchers and the Dean discussed difficult issues including clinical academics and support for programs. We can expect to see more of Danny at the BHI – he is already planning an information session for interested students and staff at TQEH precinct.

Click [HERE](#) to read an article about Danny on The University of Adelaide website that was published in October 2021.

BHI Facility Manager Imogen Ball



BHI Ground Floor

Phone: 8222 7427

imogen.ball@sa.gov.au

Work days: Monday - Thursday

BHI Communications Officer Rebecca Anderson



BHI Ground Floor

Phone: 8222 7345

rebecca.anderson@adelaide.edu.au

Work days: Tuesday - Thursday 9-3pm

BHI Alumnus at Yale University *continued*

neoplasms and interpret the relevance of identified variants. I have used advanced bioinformatics pipelines and collaborated with a multidisciplinary team of bioinformaticians, researchers and clinicians in the host university which resulted in publishing two manuscripts. In addition, this research has also contributed to the identification of potential novel genes and variants in young adults with CRC. We are currently collaborating with Professor Wendy Chung, a Medical Director, Columbia Genetic Counseling Graduate Program, USA, to provide supporting evidence for the pathogenicity of these novel variants in cancer.

This research would not have been possible without the financial support provided by The University of Adelaide and the Hans-Jürgen and Marianne Ohff Research Grant (2020); the help, guidance, and feedback of my PhD supervisors; the collaborative opportunity provided from our international and national collaborators; the comprehensive data related to the clinicopathological characteristics and genetics of CRC in young adults obtained from The South Australian Young-Onset (SAYO) CRC Study; the contribution of all SAYO participants and collaborating clinicians with my PhD projects, and a positive research environment facilitated at the Basil Hetzel Institute, TQEH. Therefore, I would like to say a big thank you to all of them; I am grateful and always will be.

Currently, I am working as a Postdoctoral Associate at the Yale School of Medicine at Yale University in the USA. The incidence and mortality rates of CRC among African Americans are significantly higher compared to non-Hispanic Whites and they are also more likely to be diagnosed before the age of 50 years. Currently, the causes of these observations remain largely unknown. Therefore, there is a need to better understand the molecular mechanisms that drive tumorigenesis in CRC in African Americans in order to prevent and manage CRC in this population more effectively. The main emphasis of my current research is to identify key driver genes and drug sensitivities of a previously uncharacterized CRC subtype that is overexpressed in African American CRC.

I am very proud to have done my PhD at The University of Adelaide which helped me to obtain a postdoctoral position in one of the most prestigious universities in the world and I feel lucky and privileged to be working with a team who are at the top of the cancer genetics field.

Reger.Mikaeel@yale.edu



Dr Reger Mikaeel, far right, with his Solid Tumour Group supervisors and lab members in December 2021

L-R: A/Prof Joanne Young, Prof Tim Price, Meghan Horsnell, Wendy Uylaki and Reger

My Time In Freiburg, by Laurine Kaul

As part of my Joint PhD between The University of Adelaide and the University of Freiburg, Germany, I spent the last 2 years in the department of Pharmaceutical Technology and Biopharmacy at the University of Freiburg. Freiburg is a small city buzzing with students, niched at the base of the black forest mountains (where the famous black forest cake has its origins) and is in close proximity to France and Switzerland. Freiburg is known for its old town centre, the incredible number of bicycles, and outstanding University. I am very familiar with Freiburg and its surroundings, as I grew up just across the border in France and have done my undergraduate studies there.

I left Adelaide mid-February 2020 and arrived in Freiburg in March 2020, just in time for COVID-19! After 1 week of meeting my new colleagues, settling in my office and lab space, the University responded to the COVID pandemic by closing all laboratories and enforcing a strict home office policy for the following 2 months.



Despite the multiple COVID-related interruptions and delays, I made considerable progress in my research project. In Adelaide, I had previously investigated the antibacterial activity of a treatment combination against “Golden Staph” (*Staphylococcus aureus*). In Freiburg, the goal was to develop a gel comprising the antibacterial agents to be applied locally for treatment of surgical site infections. Therefore, I first encapsulated the antibacterial agents in nanoparticles and then embedded the nanoparticles in a thermosensitive gel, that is fluid at room temperature and becomes a gel at body temperature. This gel can easily be injected in a surgical wound and release the antibacterial agents over time to treat Golden Staph infections.

In addition, I had the opportunity to teach undergraduate students, supervise research placements, mentor a student for a 6-month research project and establish new collaborations with different departments at the University of Freiburg. I also visited my supervisor **Dr Katharina Richter** in Ghent (Belgium) for 1 week where I learned how to work with the larvae of the [greater wax moth](#). Moreover, I presented at international and Australian online conferences, sometimes giving oral presentations and taking questions at 3am in the morning.

Overall, it was a very uncertain time because of COVID. No one could say when the next closure of the University was happening, if the restaurants and coffee places were open the following week, if the border to France was closed and I could not see my family, or when it was possible for me to come back to Australia. The only certainties were hiking trips in the surrounding mountains, bike excursions in the vineyards and walks with friends and grabbing a coffee to-go.

Read: [Interview Uni Freiburg about Joint PhD Program](#)

Laurine.Kaul@adelaide.edu.au, Surgical Science Research Group, BHI, TQEH



Above: Laurine with Kati and greater wax moth larvae!

Left: The Pharmaceutical Technology group at their outdoor Christmas party

National Conference attended by psychiatry PhD student Kai Tit Tan

It's been a long time since we've been able to include a Travel Report from a conference attended by a BHI, TQEH researchers. We hope this is a turning point!

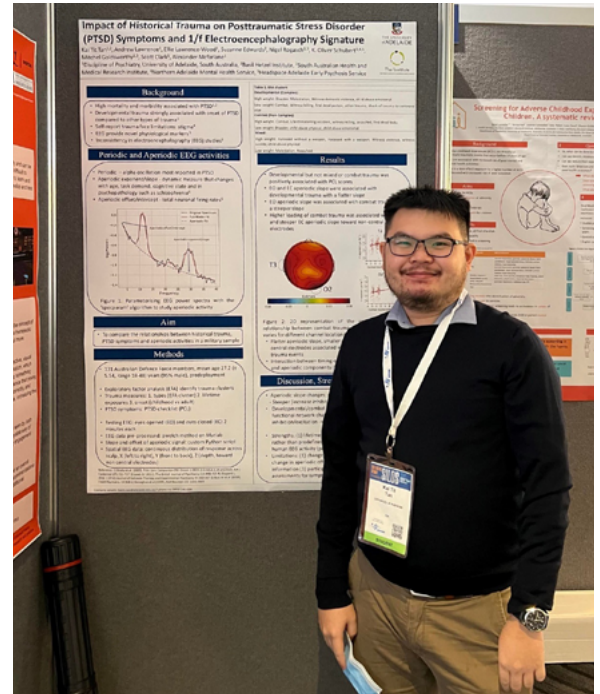
PhD student with the Psychiatry Research Group, Kai Tit Tan, attended a conference hosted by the Society for Mental Health Research (SMHR) in Hobart, Tasmania, from the 24 – 26 March. This was the 42nd conference held by the SMHR, and the theme was "Breaking Down Silos". Kai writes,

"I would like to thank The Hospital Research Foundation Group for providing a grant to help with the cost of travel. The focus of this conference was to promote the engagement of new ideas and cross-disciplinary collaborations. The conference was structured into three days of sessions, with group events every evening.

I decided to attend this conference because it featured exciting and comprehensive programs dedicated to mental health research. The conference was attended by many leaders and speakers at the forefront of mental health research. They organised an early mid-career researcher networking drinks session to help build relationships between early career researchers that attended an event. Each attendee also submitted a list of relevant research interests and was then grouped into respective teams of similar interest to participate in a 'pitch session' competition with the rest of the attendees. The groups consisted of attendees of various education levels, and the two groups with the best pitch received up to \$5,000 that aimed to facilitate the idea presented. My group was the 'neuroimaging' group, and we came 3rd in the pitch session. Although my group did not win, I had the fantastic opportunity to meet some amazing people with similar interests and became friends.

At the conference, I presented a poster with the title 'Impact of Historical Trauma on Posttraumatic Stress Disorder (PTSD) Symptoms and 1/f Electroencephalography (EEG) Signature'. PTSD is associated with substantial morbidity and mortality in military samples. Early intervention is difficult as stigma and variability in the expression of symptoms reduce the accuracy of self-report and clinical assessment. Differences in brain activity measured by EEG in trauma-exposed individuals are inconsistent in previous studies. Recent evidence suggests that EEG aperiodic component varies with age, cognitive impairment, and disease status. In this analysis, we explore the relationship between historical trauma, PTSD symptoms, and aperiodic components in a military sample for the first time. This exploratory analysis reported PTSD symptoms in a military sample were associated more strongly with a history of complex than non-complex trauma. We show that the aperiodic components of resting EEG are related to the number and type of historical trauma events, suggesting implications that the aperiodic component may be an objective biomarker of brain changes associated with trauma exposure."

KaiTit.Tan@adelaide.edu.au, Psychiatry Research Group, BHI, TQEH



Virtual Conference Attendance supported by THRF Group 'travel' grant



Ghais Houtak, PhD student, ENT Surgery

With the support of THRF group I was able to attend the 32nd European Congress of Clinical Microbiology & Infectious Diseases in Lisbon, Portugal. Since there was some uncertainty as to whether students were able to travel I did not want take the risk of being stranded so I opted for the virtual attendance. I was pleasantly surprised with the organisation of the conference. All the audio visual infrastructure was well organised and there were clear instructions on how to participate in the conference as a virtual attendee. Most of the sessions were recorded and are still available, which is very handy since most of the keynote lectures were in the early morning hours for me. I was able to see what the current standing is in the field of clinical microbiology. However, while I did miss the interactions and discussions one has during face to face meetings, nonetheless this was an excellent substitution in times when there are less travel options.

Ghais.Houtak@adelaide.edu.au

2022 Graduation Ceremonies



Many Honours and HDR students participated in The University of Adelaide's May Graduation Ceremonies in the first two weeks of May. Here are photos of three of the eight 2021 Bachelor of Health and Medical Sciences (Honours) students, including Jonathan Kei who completed his degree remotely in Hong Kong due to COVID-19 travel restrictions! All eight students received First Class Honours.

Left: Jonathan (Chun Yeung) Kei, Cardiovascular Pathophysiology and Therapeutics Group; Below left: Alek Kelei, Viral Immunology Group; Below right: Zuhal Naderi, Breast Biology and Cancer Unit [photos: The University of Adelaide].



Please welcome Emma to the BHI, TQEH

Emma Barry
ENT Surgery, Level 1, BHI
Research Coordinator
Emma.Barry@adelaide.edu.au

Emma recently joined the ENT Surgery group at the BHI as their Research Coordinator. She will be coordinating clinical trials for the group. Emma has worked for many years as a senior research assistant at the Centre for Cancer Biology, a UniSA CALHN alliance, and has a strong research background in cytokine receptor biology in the context of allergy and inflammation and acute myeloid leukemia.

She is very excited to advance her skills in the clinical side of inflammation research and to develop her skills communicating with new cohorts such as patients and clinical staff.



New President of HeSPA



Dr Avisak Bhattacharjee, a PhD student with the Breast Biology and Cancer Unit at the BHI, TQEH, has been appointed as the new President of the Health Science Postgraduate Association (HeSPA). He has written the following piece and encourages all HDR students to become members.

The Health Sciences Postgraduate Association (HeSPA) is dedicated to supporting all HDRs at every point in their candidature, through board representation and events. Postgraduate students from all avenues of the Faculty of Health and Medical Sciences are welcome to participate in our activities and events throughout the year. We have representatives from the Schools of Biomedicine, Public Health, Adelaide Medical School, Basil Hetzel Institute, and SAHMRI.

The principal objectives of HeSPA are to provide support for postgraduate students in the Faculty, organise social events to promote interaction between postgraduate students in the different schools in the Faculty, to provide a means for students from the different schools/institutes to meet and discuss issues affecting all Faculty postgraduate students and to organise informative events to promote postgraduate student knowledge in topics related to career-related skills or professional conduct.

HeSPA is affiliated by the Club Association and the Faculty of Health and Medical Sciences of The University of Adelaide. It is proud member of the Adelaide University Union (AUU). Currently, we are recruiting new members in our association. All HDR students are welcome to join our committee and help contribute to a better future for Health Science postgraduate students at The University of Adelaide.

Avisak.Bhattacharjee@adelaide.edu.au

For more information, please find us on social media:

@HeSPAuoA



@hespauoa



Health Sciences Postgraduate Association



Free workshop on Clinical Research for TQEH based researchers

The University of Adelaide's Adelaide Medical School and the Basil Hetzel Institute, TQEH are pleased to invite researchers based at The Queen Elizabeth Hospital precinct to a free workshop on clinical research.

Targeted at beginners or those wanting a refresher, this workshop will cover key principles (such as study design and basic data analyses) as well as practical issues (such as securing funding and navigating research ethics).

The workshop will be presented by:

- Prof Danny Liew, Dean and Head of Adelaide Medical School UoA
- Prof Guy Maddern, Director of Research, BHI, TQEH and Head of the Discipline of Surgery UoA
- Prof John Beltrame, Director of research, CALHN and Head of the Discipline of Medicine UoA
- Dr Jessica Reid, Research Officer, Surgical Science Research Group, BHI, TQEH

Details:

- Monday 20 June 2022, 1pm to 5pm
- Ground floor Seminar rooms, Basil Hetzel Institute,
- Afternoon tea provided in Pulse
- TQEH based students and staff can register by contacting Joy.Rathjen@sa.gov.au
Numbers are limited by the room capacity.

Program:

Part 1: Principles

- Formulating a research question
- Study designs
- Bias and confounding
- Basic statistical analyses

Break

Part 2: Practical aspects

- Research funding
- Ethics and governance
- Recruitment and retention of study subjects
- Data management



The Institute



basil hetzel institute for translational health research



Research participants wanted



The Therapeutics Research Centre at the BHI, TQEH are seeking volunteers with either **plaque psoriasis** or **healthy skin** to be involved in a study (ethics approval: CALHN 14157 UniSA 203649). The study will take approximately 2 hours and you will be reimbursed with a \$50 gift card for your time.

Please contact PhD student **Sean Mangion** if you are able to be involved:
0481464662, sean.mangion@mymail.unisa.edu.au

Invitation to Participate in Research

Mapping of Skin Properties in Psoriasis

Researchers at UniSA (The University of South Australia), TQEH (The Queen Elizabeth Hospital) and the RAH (Royal Adelaide Hospital) are seeking volunteer research participants to learn about the differences in the structure of healthy skin as compared to psoriatic skin. This information will help us to design better anti-psoriasis treatments.

Would the research study be a good fit for me?
The study might be a good fit if you either:

- ✓ Have plaque psoriasis (diagnosed by a doctor)

OR

- ✓ Have healthy skin (no skin disorder)

And you also:

- ✓ Are aged between 18-64 years;
- ✓ Do **not** have any type of blood clotting disorder or wound healing disorder;
- ✓ Do **not** have any allergies to pain relief medication, skin disinfectant or wound dressings;
- ✓ Are **not** taking blood thinning medication or any biological therapies; and
- ✓ Are **not** pregnant or breastfeeding.

What would happen if I took part in the research study?
If you decide to take part and after providing informed written consent, you would:

1. Visit either TQEH or RAH for skin grading and to complete a short questionnaire about your skin and general health.
2. Decide on a small area of skin to further examine. If you have psoriasis this will be from a psoriasis patch.
3. Have some painless measurements (such as temperature and water loss) taken from the area by a small probe placed on the skin. If you have psoriasis, measurements will also be taken from an area of clear skin.
4. Have one small shave biopsy taken (about the size of a small screwhead, 0.5 cm across). The skin will first be numbed and a blade will be used to collect the top layers of skin. A dressing will be applied and it will heal over 7-14 days.

About 2-3 hours should be allowed for the entire visit.

Will I be paid to take part in the research study?
You will receive a gift card valued at 50 dollars for participating.

Who is funding this study?
The project is supported by the United States Food and Drug Administration (U01FD006521).

Who do I contact if I want more information or want to take part in the study?
If you would like more information or are interested in being part of the study, please contact:
Mr. Sean Mangion, PhD Candidate
Email: sean.mangion@mymail.unisa.edu.au
Phone: 0481464662

OR Associate Professor Lorraine Mackenzie Email: lorraine.mackenzie@unisa.edu.au Phone: 0449754589

Ethics Approval Number:
CALHN 14157 UniSA 203649: Version 6, 18/01/22

Pint of Science festival 9-11 May 2022

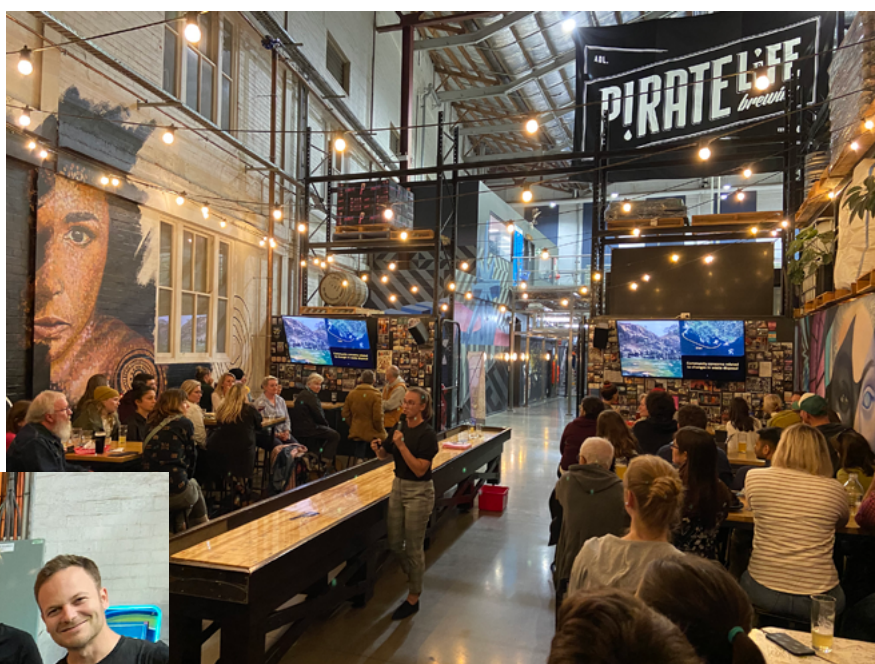
[Pint of Science](#) has returned from hibernation! After a cancelled festival in 2020 and an online only festival in 2021, we finally went back to the pubs for in person events. Pint of Science is a global outreach event that brings science to pubs around the world, making research accessible and understandable for the whole society.

Dr Katharina Richter (Surgical Science Research Group) launched Pint of Science in Adelaide in 2015 and since then has organised the festival annually. This year, events were held simultaneously from 9-11 May at The Wheatsheaf Hotel in Thebarton and at Pirate Life Brewery in Port Adelaide. Surgical Science Research Group PhD student **Laurine Kaul** was part of the organising team that promoted the research of 12 speakers from all three SA Universities to the public. Topics included Breast Cancer (by Associate Professor Wendy Ingman), Immunology (by Dr Tessa Gargett, a BHI alumnus), Heart Medicine, Indigenous Health, Shark Research and much more.

If you missed these great, engaging talks, just [sign up for the email list](#) to not miss out on Pint of Science 2023, or volunteer as part of the organising team.



Top right: A/Prof Wendy Ingman speaking at The Wheatsheaf Hotel; Middle: Pirate Life Brewery in Port Adelaide; Bottom left: Dr Tessa Gargett far left, Dr Kati Richter middle, with other scientists; Bottom right: L-R A/Prof Wendy Ingman, Laurine Kaul and Prof Claudine Bonder



BHI STUDENT NEWS

BHI Student Reps
2022



Roshan Nepal (Level 1)

roshan.nepal@adelaide.edu.au



Ghais Houtak (Level 1)

ghais.houtak@adelaide.edu.au



Sarena La (Level 2)

sarena.la@adelaide.edu.au

BHIthMSc(Advanced) students at the BHI, TQEH



Jennifer, Shan and Esther are in the third year of their Bachelor of Health and Medical Sciences degree. They are currently undertaking a research placement with **Dr Adeel Khoja** (Translational Vascular Function Research Collaborative) at the Basil Hetzel Institute, TQEH [photo: Adeel, Jennifer Yuen, Shan Li and Yucen Song (Esther)].

Their project involves pregnancy complications and premature cardiovascular disease risk. They are investigating if there is an association between pregnancy complications and coronary artery disease risk in women under 60 years of age. Later, they will assess whether socioeconomic status affects women with pregnancy complications and the prevalence of premature coronary artery disease. Both above-mentioned objectives will be established by linking two databases, the Coronary Angiogram Database of South Australia or CADOSA and the South Australian Perinatal Statistics Collection. This information will be useful for future research on health aspects of cardiovascular disease in women and for targeting early treatment for women at risk.

Webinar: Prestigious Scholarships

An introduction to the prestigious postgraduate scholarship opportunities available for high-achievers commencing a research degree in 2023, or current students wishing to conduct part of their research in the US. Includes the Rhodes, John Monash, Fulbright, Westpac Future Leaders, and Gates Cambridge scholarships. Thursday 2 June, 10 am to 12.30 pm. Find out more information [here](#).

Key dates



In 2022, the Asia-Pacific Three Minute Thesis (3MT®) competition will be in a virtual (video submission) format. Key dates for The University of Adelaide are:

- Registrations open 23 May 2022
- 3MT Information Session 31 May 2022
- 3MT Training Session 15 June 2022
- Registrations close 17 June 2022

Please refer to The University of Adelaide [website](#) for more information.

Interested BHI, TQEH based students are encouraged to contact

Joy.Rathjen@sa.gov.au for assistance.

GENERAL INFORMATION

TQEH Librarians at the BHI

Anna and Rachel are available **Wednesday mornings from 9.30 – 11.30 on Level 1E.01** (next to the kitchen) to assist BHI staff, students and researchers with:

- literature searches
- database and EndNote training
- and locating relevant resources

To arrange a meeting either at the BHI or at TQEH Library, Main Tower level 5B - please email [Anna](#) or [Rachel](#), or phone them on 8222 8481.

For 24/7 online access to SA Health library resources and services, visit [SALUS](#) and [register](#) for your SALUS username and password.

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.01
Phone: 8222 7541
suzanne.edwards@adelaide.edu.au

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

UoA Animal Ethics Committee seeks new members

The Animal Ethics Committee at The University of Adelaide serves an important regulatory role in the approval of research at the University. New Category B and C members are currently being sought. Further information and position descriptions are [available here](#) or via [email](#).

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 2022 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
Tuesday 26 April 2022	Thursday 19 May 2022	Thursday 26 May 2022
Monday 9 May 2022	Thursday 2 June 2022	
Monday 23 May 2022	Thursday 16 June 2022	Thursday 23 June 2022
Monday 6 June 2022	Thursday 30 June 2022	

The Central Adelaide Local Health Network Human Research Ethics Committee (CALHN HREC) will hold two meetings and with two submission deadlines each month in 2022.

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, Senior Animal Ethics Officer

Phone: 8313 6310

Email: aec@adelaide.edu.au

WORK, HEALTH & SAFETY

Flu Vaccination program 2022

[CALHN's influenza vaccination program](#) is running for another 3 weeks. This program provides all BHI staff and students with easy access to a free flu vaccination – an important step in protecting you, your colleagues, and patients from the flu.

Who: Open to all CALHN employees, students, contractors (includes UoA, UniSA), and volunteers.

When: From 19 April 2022 for 7 weeks. The clinic runs from 7.30 am to 4:00 pm, seven days a week.

Where: TQEH's clinic is on Level 7C of the Tower building (please note that a flu clinic will not be held at BHI this year).

We've all had a lot of vaccinations over the past year, but with a severe flu season predicted, having the flu vaccination is very important.

There are three steps you need to follow before going for your vaccination:

1. Check-in to your preferred site

Checking-in allows you to choose the most convenient site for you, and places you in the patient list. You can do this at any time before your vaccination.

There are two ways to check-in:

- Scan a QR code at your vaccination site
- Use the link for your site (see [Vaccination timetable](#) to find your site)

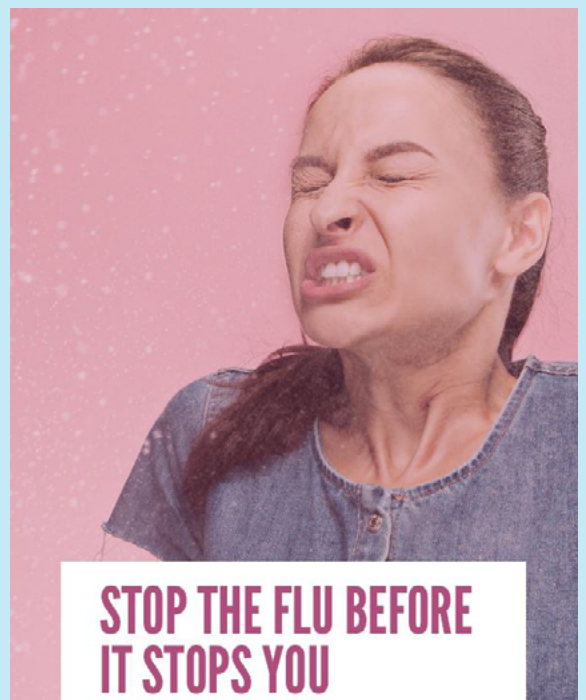
2. Download, print and complete a consent form

To get your vaccination, you will need to bring:

- a completed Vaccination consent form
- your Medicare number

For CALHN staff, if you have been vaccinated elsewhere, or refuse to vaccinate, please complete the [relevant form](#) and email it to your line manager.

3. Go to your vaccination site and wait for your turn



PUBLICATIONS

If you wish to have a recent publication included, please send details to the BHI Communications Officer
rebecca.anderson@adelaide.edu.au

Day A, Yao C, Costello S, Ruszkiewicz A, Andrews J, Gibson P, Bryant R. Therapeutic potential of the 4-SURE Diet in adults with mild to moderately active ulcerative colitis: An open label feasibility study. *Journal of Nutrition*. 2022 Apr. doi.org/10.1093/jn/nxac093

Fei C, Karatassas A, Cheah S, Hensman C. Addressing ergonomic, skill acquisition and mentoring constraints that may be contributory to gender disparity in surgery: A 'value add' for robotics? *ANZ Journal of Surgery*. 92(4):649-650, 2022. doi.org/10.1111/ans.17386

Lee S, Schubert J, Prowse S, Bryant R. Are we underutilising computer tomography colonography in Australia? *Internal Medicine Journal*. 2022. doi.org/10.1111/imj.15778

Mahnaz R, Harrison B, Hon K, Gohar S, Hadi R, Aaron F, James P, Peter-John W, Sarah V. Characterization of human nasal organoids from chronic rhinosinusitis patients. *Biology Open*. 2022 Apr. <https://doi.org/10.1242/bio.059267>

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Applications now open: Research Scholarships

The Hospital Research Foundation (THRF) Group, the Basil Hetzel Institute for Translational Health Research (BHI) and The Queen Elizabeth Hospital (TQEH) had invited applications for Round 2 of the 2022 THRF Group BHI TQEH Research Scholarships.

The scholarships are offered via a competitive, application-based process and are open to research students working on health and medical research projects at TQEH precinct with BHI, TQEH-based research supervisors.

In this round, THRF Group is funding the following research scholarship categories:

- **Honours Scholarships** of \$5,000 for one (1) year
- **Higher Degree by Research Scholarships** equivalent to the Research Training Program Stipend rate for either a PhD (up to 3.5 years) or Masters (2 years).

Applications will only be accepted via the [SmartyGrants platform](#) and must be submitted by the **deadline of 4:00pm (ACST) Tuesday 14 June 2022**.

[Click here for more information](#)

Join THRF Group's Giving Day



THRF Group's first ever Giving Day is fast approaching and we need your help!

Join us on Thursday 9 June from 9am-9pm!

We are looking for individuals and teams to volunteer with us for different shifts on the day - come together to support our community by jumping on the phones to accept donations.

It's sure to be an incredible day! If you are interested in helping us meet our target, click here: <https://bit.ly/3wwZMFQ>

Applications now open: Skin Cancer Grant

THRF Group is pleased to invite Expressions of Interest for its **2022 Targeted Grant Round** focused on **New Approaches for Early Detection of Skin Cancer**.

This grant round is available for SA-based health and medical researchers, with funding of up to \$125,000 total for a maximum of two years.

For this round, novel approaches to aid early detection could include progressing one or more of the following:

- Advanced imaging techniques;
- Machine learning tools;
- Non- or minimally-invasive 'self-service' diagnostics; or
- Adaptation of existing technologies in new ways.

Expressions of Interest will only be accepted via THRF Group's [SmartyGrants platform](#) and must be submitted by the deadline of **4:00pm (ACST) Wednesday 15 June 2022**.

Win a BBQ with your AFL heroes through the Home Lottery



Imagine you and three mates rubbing shoulders with your favourite footy heroes at an intimate BBQ dinner, held at the \$4 Million Home Lottery Grand Prize in Henley Beach!

One lucky Crows fan will have Ben Keays, Ebony Marinoff and Sam Jacobs cook up a storm; and one lucky Port fan will have Orazio Fantasia and Tom Rockliff behind the BBQ.

To win, simply purchase a ticket in the Hospital Research Home Lottery before **Friday 27 May**, tag three friends on [social media](#) who you'd bring along and which club you support!

Visit www.homelottery.com.au or call 1300 852 177 to purchase your tickets today!

New sponsorship to help our service men and women



L-R: THRF Group CEO Paul Flynn, Dr Sharon Mascall-Dare, Nova Systems CEO Jim McDowell and MESA Executive Director Miranda Van Hooff

Military and Emergency Services Health Australia (MESA, part of THRF Group) is thrilled to share a new sponsorship with Nova Systems, an Australian owned and controlled engineering services and technology solutions company.

This year, Nova Systems will be sponsoring six StoryRight programs, a one-day veteran-led workshop designed to aid military members transition into a civilian career. They will also assist with the development of a new StoryRight program for emergency service personnel and help deliver this program nationally.

StoryRight was developed by Dr Sharon Mascall-Dare following her deployment to Iraq in 2016 with the Australian Army.

The Hospital Research Foundation Group Chief Executive Paul Flynn said these important programs continue to make a real difference in the lives of Australian veterans and other groups in need.

“We are delighted to be partnering with an organisation clearly committed to optimising and sustaining the mental health and wellbeing of current and former serving members of the defence force and emergency services,” Paul said.

If you know a veteran who might be interested in this program, visit www.mesha.org.au or call (08) 7002 0880 for more information.

UPCOMING EVENTS



It's coming!

HTSA Spotlight Series:

Medical Research Future Fund

June 2022



Want to learn more about how to be successful in the Medical Research Future Fund scheme? Join us for our upcoming Spotlight Series!

During the month of June we will be sharing resources and webinars to raise awareness of the MRFF; what it is, funding pathways and how to submit successful applications!


Sign-up to our scheduled webinar's now and follow us on [Twitter](#) to learn more about the expert speakers that will be presenting over the month.

- 09 June: [Overview and pathways to gain funding](#)
-
- 16 June: [Submitting a winning application and growing success in SA](#)
-
- 23 June: [The Reviewers' perspective](#)
-
- 30 June: [Tips & Tricks from Research Support Offices](#)

This information obtained from the Health Translation SA Email newsletter circulated on 18 May 2022

UPCOMING EVENTS CONTINUED

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



Join via Zoom: sahmri.zoom.us/j/83322639696

Adelaide BioMed City

SAHMRI on Neurobiology

ABMC Research Mini-Reviews

Tuesday 24th of May
4.30 - 5.00pm (ACST)

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.

Dr Tim Sargeant
Dysfunctional cell recycling in the lysosomal system: a modifiable target for delaying dementia

Prof Stuart Brierley
Chronic Visceral Pain: Big Problem, Big opportunities

Chaired by
Prof Steve Wesselingh

