




The Institute

basil hetzel institute for translational health research

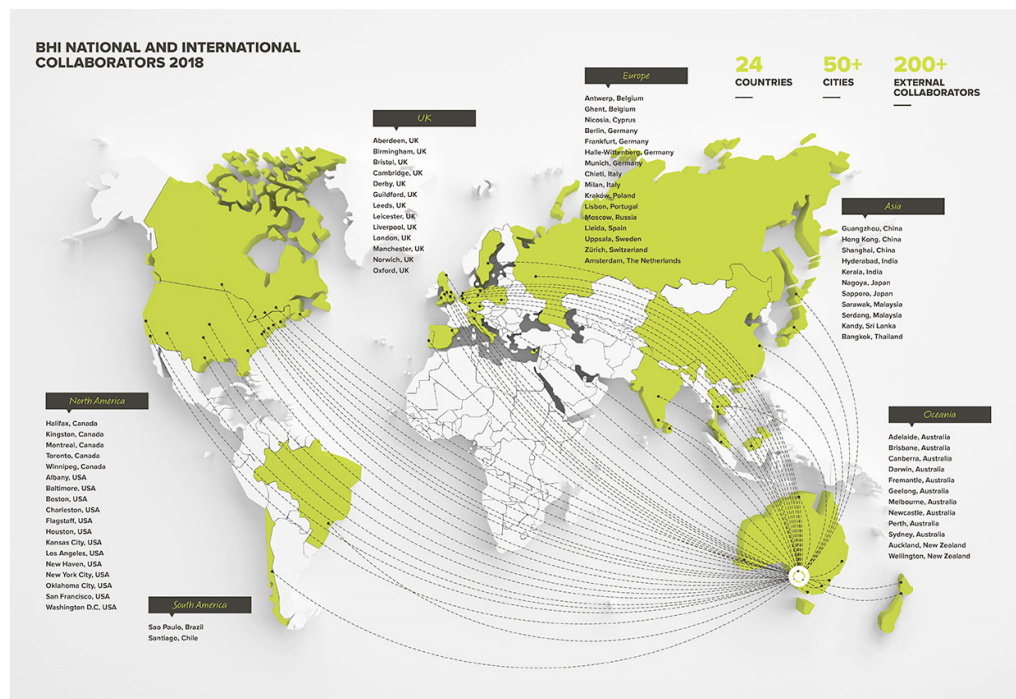
MONTHLY BULLETIN FOR TQEH RESEARCH COMMUNITY

# WINNING NEWS

[www.basilhetzelinstitute.com.au](http://www.basilhetzelinstitute.com.au)

Follow us 

## BHI Research Report 2018



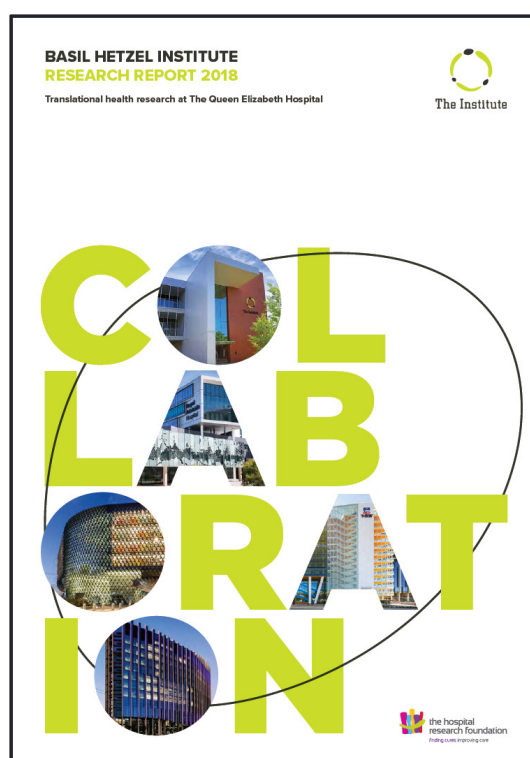
The 2018 Basil Hetzel Institute Research Report was presented to the BHI Policy Committee on Tuesday 12 March. Since then it has been uploaded to the BHI and THRF websites, and distributed electronically to many individuals including over 200 external collaborators in many cities around the world.

The report includes a section from The Hospital Research Foundation, who also contributed Researcher and Personal stories to this report.

Thanks go to the graphic designers Travis and Chloe at Icarus Design, and to The Hospital Research Foundation for their financial support.

We welcome any feedback about this report. Please send any comments to [rebecca.anderson@adelaide.edu.au](mailto:rebecca.anderson@adelaide.edu.au)

above: Collaborator's Map, p6 of the report  
below: front cover



APRIL  
2019  
ISSUE 121

### IN THIS ISSUE

- p 3 News
- p 7 Student News
- p 8 Community Engagement
- p 9 General Information
- p 11 Work, Health & Safety
- p 12 Upcoming Events
- p 16 Publications
- p 18 THRF News

### BHI SEMINARS

#### BHI HDR Student Seminars

Tuesdays  
1-2pm

#### BHI Invited Speaker Seminar

Wednesday 3 April 2019  
1-2pm

[Dr Denis Tvorogov](#)

Centre for Cancer Biology  
University of South Australia

#### BHI Staff Seminar

Thursdays from 18 April 2019  
1-2pm

All seminars take place in the BHI  
Ground Floor Seminar Rooms

### UPCOMING EVENTS

#### BHI Easter Bun Study

Wednesday 17 April 10:30am

#### BHI Off the Clock

Wednesday 17 April 4pm

# BHI HUB

## From the BHI Facility Manager Kathryn Hudson

BHI Ground Floor

Phone ext: 27427

[kathryn.hudson@sa.gov.au](mailto:kathryn.hudson@sa.gov.au)

Science communication is part of a scientist's everyday life. Scientists must give talks, write papers and proposals, communicate with a variety of audiences, and educate others. Thus to be successful, regardless of field or career path, scientists must learn how to communicate. Moreover, scientists must learn how to communicate effectively. In other words, to be a successful scientist, you must be an effective communicator.

Effective communication means transmitting your message clearly and concisely so that it is understood. It's about engaging your audience – it's about the 'So what?' and 'Why does it matter?' of your message.

When scientists communicate more effectively, science thrives. Science is increasingly interdisciplinary and the ability to communicate more effectively across disciplines fosters collaboration and innovation. Being able to communicate the relevance and impact of their ideas and discoveries can enhance scientists' ability to secure funding or find a job. It allows them to write better and more comprehensible research papers. It also allows them to be better teachers and mentors for next-generation scientists.

When scientists are able to communicate effectively beyond their peers to broader, non-scientist audiences, it builds support for science, promotes understanding of its wider relevance to society, and encourages more informed decision-making at all levels, from government to communities to individuals. It can also make science accessible to audiences that traditionally

have been excluded from the process of science. It can help make science more diverse and inclusive.

Although having more scientists who are effective communicators benefits science and society greatly, there are still relatively few training opportunities for science students and professionals to develop these skills, which is why the seminar programs should be actively encouraged and supported.

Know your audience. Who are they? You always need to know who you are trying to reach, as it affects everything else you do. Are you trying to reach peers in your field or are you communicating across fields? Are you talking to a potential funder or to a local reporter? Regardless of your message and your goal, you always need to know your audience.

"If you can't explain it simply, you don't understand it well enough," Albert Einstein said. As experts, scientists have a deep knowledge of particular subjects. To communicate something effectively, one needs a similarly deep knowledge of the associated skills. Public communication offers scientists ways to learn and practice the basics of effective communication. By teaching scientists how to explain their work simply—and more effectively—public communication increases the impact of science in multiple dimensions.

*Adapted from a guest blog that appeared in the [Scientific American](#)*



## From the BHI Communications Officer Rebecca Anderson

BHI Ground Floor

Phone ext: 27345

[rebecca.anderson@adelaide.edu.au](mailto:rebecca.anderson@adelaide.edu.au)

Work days: 9-3pm Tuesday - Thursday



As you have read on the front page of this edition, the [2018 BHI Research Report](#) is now available for downloading (recommended) or viewing on the BHI website. I have an **incentive prize** for the first person based at the BHI, TQEH who can identify the BHI researcher on the **Research Staff cover page & name the piece of equipment they are using**. Just send me an email with these answers and the prize could be yours! Conditions always apply...

# NEWS

## Drs Alistair Jukes and Robert Bryant receive Doctoral Research Awards from The University of Adelaide



Dr Alistair Jukes

Congratulations to **Dr Alistair Jukes** ([ENT Surgery](#)) and **Dr Robert Bryant** ([Inflammatory Bowel Disease Research Group](#)) for being awarded Doctoral Research Awards from The University of Adelaide. This year the University awarded 15 Doctoral Research Awards across all the faculties and 4 were presented to individuals who completed their doctorates within the Adelaide Medical School.

Alistair's PhD thesis, titled "*Haemorrhage control in endoscopic skull base surgery*", was supervised by Professor PJ Wormald and Associate Professors Alkis Psaltis and Sarah Vreugde at the Basil Hetzel Institute, TQEH while Rob's PhD thesis, on "*Body composition in Inflammatory Bowel Disease*", was completed under the supervision of Professors



Dr Rob Bryant

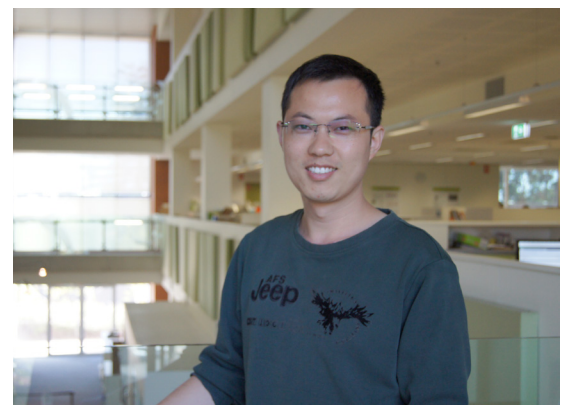
Jane Andrews (RAH, The University of Adelaide) and Simon Travis (John Radcliffe Hospital, Oxford, UK). Last year, they were both awarded a Dean's Commendation for Doctoral Thesis Excellence while Alistair also had the honour of being selected as the Mace-Bearer for the September Graduation Ceremony at The University of Adelaide (*see p78 of the BHI Research Report 2018*).

These University Doctoral Research Medals were established in 2009 and first awarded at the 2010 Graduation Ceremonies. At the end of each year, the Adelaide Graduate Centre prepares a short-list of candidates for doctoral medal consideration based on predetermined eligibility criteria for each Faculty. With reference to the materials provided, Executive Deans determine the order of merit list for short-listed candidates in their Faculty. The Research Education and Development Committee (REDC) determines a University order of merit from the Faculty rankings provided and determines how many medals are to be offered for the year.

More details on whether you might be eligible for a Dean's Commendation for Doctoral Thesis Excellence or a Doctoral Research Medal can be found on The University of Adelaide [website](#).

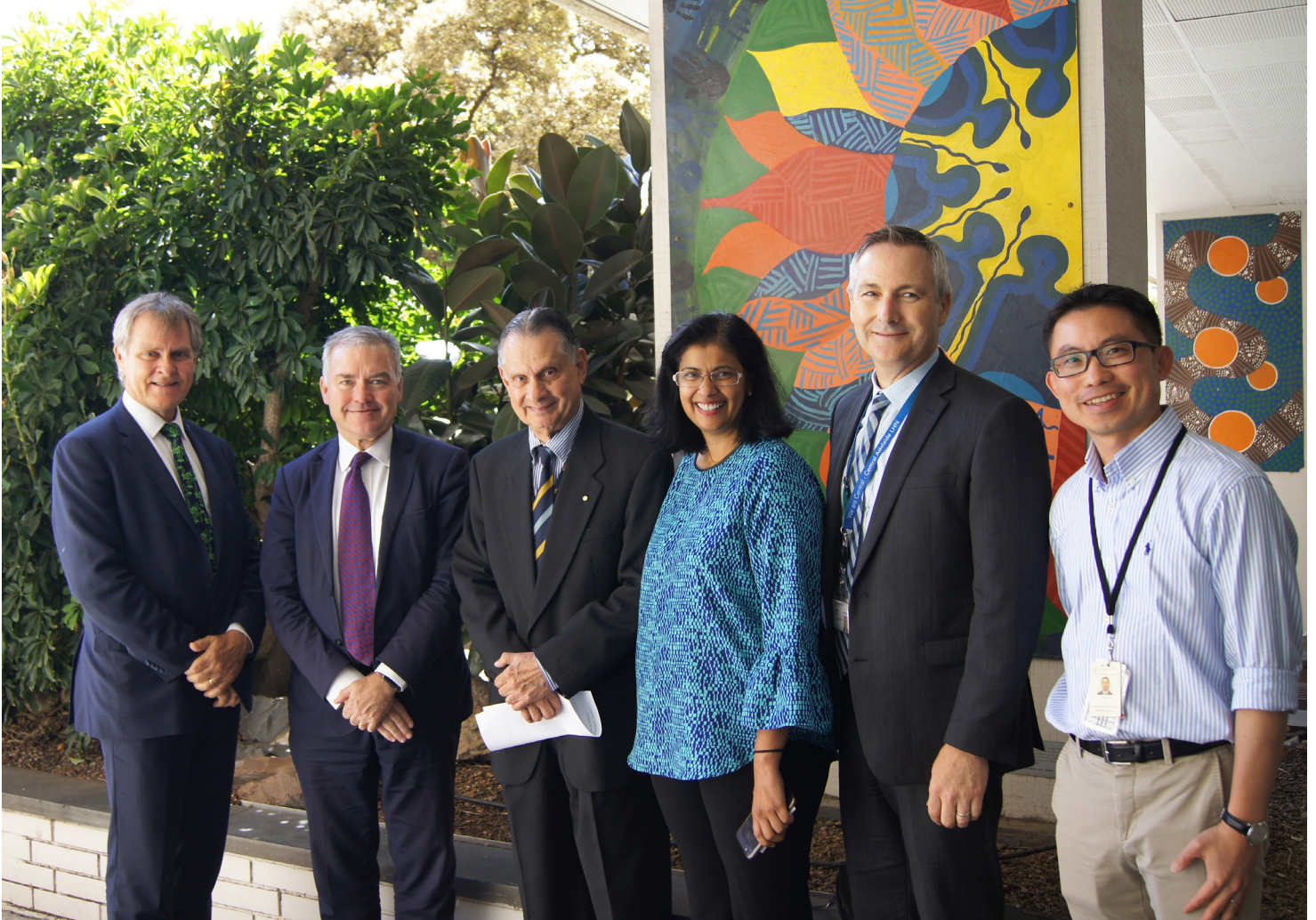
## Please welcome Dr Shuman Huang

Dr Shuman Huang (MD) is a visiting fellow with the ENT Surgery group at the BHI. In China he is an ENT consultant with a focus on the mechanism of chronic rhinosinusitis. He is at the BHI to undertake postdoctoral research under the supervision of Professor PJ Wormald and his research group.





## Minister for Health and Wellbeing visits TQEH



*L-R: Professor Justin Beilby, Hon Stephen Wade MLC, Emeritus Professor Derek Frewin OA, Professor Renuka Visvanathan, Mr Matthew McInnes and Associate Professor Solomon Yu*

The Hon Stephen Wade MLC, Minister for Health and Wellbeing, visited the CRE Frailty & Healthy Ageing at TQEH on March 5th to discuss the fascinating research taking place within our team.

The Minister met with lead investigators of the centre **Professor Renuka Visvanathan**, Prof Justin Beilby and Emeritus Professor Derek Frewin OA, as well as Mr Matthew McInnes, the Executive Director Allied Health and Intermediate Care.

The Minister heard research presentations from across the CRE including an introduction to the CRE Frailty and Healthy Ageing by Professor Visvanathan followed by the official launch of the new Web Mapping Application: Frail and Pre-Frail Estimates for Australia developed by **Dr Danielle Taylor**. Dr Mandy Archibald presented a sneak preview of the

Untangling Frailty video discussing consumer perspectives on ageing which is due to be released soon. A/Prof Maria Inacio from SAHMRI also presented work from the Registry of Older South Australians which is a multi-institutional collaboration that the CRE Frailty & Healthy Ageing are a part of. Professor Beilby discussed Frailty Screening in General practice.

The Minister was also treated to a demonstration of the Ambient Intelligent Geriatric Management system (AmbIGeM) by Nurse Unit Manager **Stephen Hoskins** at TQEH Geriatric Evaluation and Management Unit. This trial is testing a novel technology to detect unassisted movement in older patients who nurses assess as needing supervision when moving. The trial is coordinated by **Dr Joanne Dollard** with chief investigators Professor Visvanathan and Associate Professor Damith Ranasinghe (The University of Adelaide).

*Leonie Baker, CRE Frailty & Healthy Ageing Manager*

## Frailty and Sarcopenia Research Conference



Researchers within the CRE frailty and Healthy Ageing attended the International Conference on Frailty and Sarcopenia Research (ICFSR) from February 20th-22nd in Miami Beach, USA. CRE Frailty and Healthy Ageing Research Fellow in Exercise Physiology & Frailty, **Dr Agathe Jadczyk** (pictured right with **Associate Professor Solomon Yu**), gave an oral communication titled '*A Randomized Controlled Pilot and Feasibility Exercise and Protein Effectiveness Supplementation Study Supporting Autonomy in Community Dwelling Older Frail Adults*'.



## International Women's Day interview with Dr Danielle Taylor

**Dr Danielle Taylor** (photo, far right) is a health geographer at The University of Adelaide, applying Geographical Information Systems (GIS) to health research. Her research interests include the application of spatial technology to health inequalities, spatial epidemiology, accessibility analysis and improving strategic service planning and resource allocation. She is the recipient of a Mid Career Fellowship from The Hospital Research Foundation, and is based at the Basil Hetzel Institute. Her research examines the influence of social and environmental factors, as enablers or barriers to healthy ageing and indicators of frailty risk. This International Women's Day, Danielle was asked by **Leonie Baker**, CRE for Frailty and Healthy Ageing Manager, to answer a few questions about her experience in research.

### What drew you to research?

When I was studying at university I started working part time on the National Wilderness Inventory, a research project being conducted in the geography department. Even though the digitizing work I was initially doing to create the database was pretty mundane, understanding how it fitted into the broader research project and seeing how innovative the project was and the impact it was having on government legislation, policy and wilderness protection had me hooked. I transitioned to being full-time on the project and eventually became the project manager. I found it truly satisfying and knew research was something I wanted to continue to pursue.

### What has been your best experience you have had so far as a researcher?

It is great to know that you are making a difference. The Accessibility/ Remoteness Index of Australia (ARIA) which I helped develop has been used by the Australian Bureau of Statistics (ABS) for 4 Census periods and underpins the ABS Remoteness Areas Classification. The index has helped to identify inequalities in service provision and health outcomes associated with remoteness and has contributed to programs that aim to address these inequalities. I hope that the frailty and healthy ageing work I am doing now will also contribute to improving the health and wellbeing of Australia's ageing population.

### What is one thing you would like to share with female researchers?

I would like to be able to say that gender does not matter, but unfortunately we are not quite there yet. We all have a role to play to make gender equity a reality. In my career working at the university I have had terrific mentors and colleagues, both women and men, although I must lament the fact that the University of Adelaide does not yet have equal representation of women in their academic staff particularly at senior levels. This is a critical issue that needs to be addressed if universities want to be respected as the thought leaders of the nation.

### Which women in your life inspired/mentored you?

There have been many incredible women that have been important in my life. My mother and grandmothers were very caring people, but also strongly independent and resilient. They all played a role in developing my personal character and always encouraged me to do my best and to aim high. My first year geography lecturer was Fay Gale, she is probably part of the reason that ended up being a geographer. She opened my eyes to the role of geographers in casting a light on inequity and making it visible, so that inequalities can be addressed. I didn't recognise it at the time, but that idea has stayed with me and has been an inspiration.



## American College of Cardiology Meeting in New Orleans, USA



*Dr Rosanna Tavella at the American College of Cardiology meeting in New Orleans, and the Mississippi River.*

[Professor John Beltrame](#) and [Dr Rosanna Tavella](#), from the Translational Vascular Function Research Collaborative (TVFRC), attended the American College of Cardiology Scientific Sessions in New Orleans from 16-18th March 2018.

Rosanna writes, “This conference provides state-of-the-art updates, expert perspectives on challenging clinical decisions, and tools to help navigate real-world challenges for patients with cardiovascular disease. One of the conference highlights included the results of the Apple Heart Study which showed that the Apple Watch was able to detect atrial fibrillation (irregular heart rhythm) in a small group of people who had received an alert of an irregular heartbeat. This study provided a glimpse at how wearable technology may help flag potential health problems”.

Prof Beltrame was invited to present at the session “Myocardial Infarction with Non-Obstructive Coronary Arteries: It’s Time to Look Beyond the Surface!” where he spoke about the importance of defining MINOCA and assessing clinical outcomes in these patients.

Prof Beltrame and Dr Tavella also had the opportunity to network with their international collaborators, including Dr Bertil Lindahl (Sweden) who is a co-Investigator on the MINOCA-BAT Trial (funded by a Translational Grant from The Hospital Research Foundation) and Dr Harmony Reynolds (USA) who is currently setting up US sites to join the MINOCA-BAT trial.

[Dr Saifei Liu](#) (Cardiovascular Pathophysiology and Therapeutics Group) also had her research titled “N-acetylcysteine Reverses Peroxynitrite And Hydrogen Peroxide-induced Apoptosis Of Human Myocardial Cells” presented as a poster in the Heart Failure and Cardiomyopathies session.

# BHI STUDENT NEWS

## BHI STUDENT REPS 2018-2019



**Clementine Labrosciano (Level 2)**  
[clementine.labrosciano@adelaide.edu.au](mailto:clementine.labrosciano@adelaide.edu.au)



**Sarah Bernhardt (Level 1)**  
[sarah.bernhardt@adelaide.edu.au](mailto:sarah.bernhardt@adelaide.edu.au)



**Joe Wrin (Level 1)**  
[joe.wrin@adelaide.edu.au](mailto:joe.wrin@adelaide.edu.au)

## Wednesday 17 April

Two opportunities for some networking are available on April 17th. The infamous **BHI Easter Bun Study**, at 10:30am in the ground floor kitchen area, and the next **BHI Off the Clock** from 4pm in the BHI Ground Floor Seminar Rooms.

All BHI, TQEH staff and students & THRF staff are welcome

## BHI Welcome Games

It was great to see both old and new staff and students joining us for the 'Welcome Games'. We had lots of fun playing Jenga and card games. I think I can safely say that a great time was had by all that attended and we are grateful to The Hospital Research Foundation for funding the pizza and drinks.



## Mindfulness session

**2pm every Wednesday**  
**BHI Ground floor seminar rooms**

At 2pm each week the BHI Student Reps will be running a short (10-15 minutes) guided mindfulness session - please feel free to join in.



# COMMUNITY ENGAGEMENT



the hospital  
research foundation

## Community Group Presentations

THRF are always looking for BHI researchers to present at community events. It is a wonderful opportunity for you to practice your public speaking skills, and present your work to a lay audience! If you are interested or would like some more information, please contact Brendan Hardman at THRF on 8244 1100 or [bhardman@hospitalresearch.com.au](mailto:bhardman@hospitalresearch.com.au)

## Coast FM Radio Interview Thursday 7 March 2019

**Sarah Bernhardt**, PhD Student in the Breast Biology and Cancer Unit, was interviewed by Dave Hearn about her background, her research project, how research funding is obtained and what she might want to do after her PhD. She was also quizzed about what she does when she's not doing research, which includes giving attention to her two golden retrievers.



## International Women's Day: Friday 8 March 2019



the hospital  
research foundation

Happy International Women's Day!



Six members of the BHI community featured in a video created by The Hospital Research Foundation for International Women's Day that was posted on social media. **BHI Facility Manager Kathryn Hudson**, and researchers **Associate Professor Sarah Vreugde** (ENT Surgery), **Dr Branka Grubor-Bauk** (Virology Group), **Drs Rosanna Tavella and Tharshy Pasupathy** (Translational Vascular Function Research Collaborative), and **Dr Kati Richter** (Surgical Science Research Group) each spoke about "being a woman in STEM".

## Hospital Research Home Lottery Launch Tuesday 26 March 2019

## 5AA Radio Interview Sunday 10 March 2019



Breast Cancer Research Unit leader **Professor Andreas Evdokiou** was interviewed by Rilka Warbanoff about the various research projects underway in his laboratory.

**Dr Branka Grubor-Bauk**, Virology Group, was the guest speaker at the Hospital Home Lottery Launch last week. Details about the newest house to be up for grabs can be found in The Hospital Research Foundation's section at the end of this newsletter.





# GENERAL INFORMATION

## STATISTICIAN AT THE BHI

Suzanne Edwards works at the BHI on Tuesdays. She is available 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**  
**Phone: 8222 6679**  
[suzanne.edwards@adelaide.edu.au](mailto: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

## Funding Opportunities

### The Hospital Research Foundation Travel Grants for 2019

Travel Grants for Researchers and Higher Degree Students within South Australia are available from The Hospital Research Foundation. Awards of up to \$1,000 will be considered for national travel and up to \$4,000 for international travel. Please visit the [THRF website](#) for more information, including the Travel Awards Guidelines and how to apply.

Applications will only be accepted if submitted through “Smarty Grants” in a timely manner PRIOR to the upcoming travel. Applicants will be notified of THRF’s decision within 4 weeks of submission.

For more information, please contact [savelives@hospitalresearch.com.au](mailto:savelives@hospitalresearch.com.au)

### BHI Bulletin of Funding

The [BHI Bulletin of Funding](#), which can be found on the BHI website, is updated regularly by the CALHN Research Office.

## TQEH Librarians

Every **Wednesday** a TQEH librarian (Anna or Rachel) visits the BHI (Room 1E.07). These librarians from the SA Health Library Service, The Queen Elizabeth Hospital campus, will be available to assist you with constructing suitable literature and database searches for your research and help you obtain relevant material. AutoAlerts can also be configured by library staff to automatically deliver the latest results from a saved database search directly to your preferred email account.

Please contact [anna.holasek@sa.gov.au](mailto:anna.holasek@sa.gov.au) or [rachel.davey@sa.gov.au](mailto:rachel.davey@sa.gov.au) to arrange a meeting with them at TQEH Library on level 5B of the main building. Alternatively, visit our website at <https://salus.sa.gov.au> to view our services and resources or use the quick online chat option to contact us. To access any of



**The Institute**

basil hetzel institute for translational health research

**TQEH Research Secretariat Contact Details**  
Ground Floor, (DX465101)  
Basil Hetzel Institute for Translational Health Research  
The Queen Elizabeth Hospital  
28 Woodville Rd, WOODVILLE SOUTH 5011  
Phone: 08 8222 7836 Fax: 08 8222 7872  
Email: [gwenda.graves@sa.gov.au](mailto:gwenda.graves@sa.gov.au)

# 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](mailto:Health.CALHNResearchEthics@sa.gov.au) or call 7117 2230

## CALHN Human Research Ethics Committee 2019 Submission and Meeting Dates for Applications

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

Submission to site (sponsored studies)	Submission to HREC	CALHN HREC Meeting	Meeting Group
Friday 15 March	Monday 18 March	Thursday 18 April	B
Friday 5 April	Monday 8 April	Thursday 2 May	A
Thursday 18 April	Tuesday 23 April	Thursday 16 May	B
Friday 3 May	Monday 6 May	Thursday 30 May	A

In 2019 there will be one submission date (and one meeting) each fortnight with the committee split into two meeting groups. Researchers can submit to either meeting group – a full NHMRC prescribed quorum will be present at all meetings. Above are the meeting dates and final dates for submissions of applications for Scientific and Ethical approval.

Any study which includes drug therapy is considered by the Investigational Drug Subcommittee (IDSC) the week prior to the CALHN HREC. Drug studies will be passed on to the CALHN HREC meeting. ALL HREC meetings will continue to be held on Thursdays at Roma Mitchell House, Level 3, 136 North Terrace, Adelaide, and NOT at the BHI, TQEH.

### For more information please contact:

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

## CALHN Animal Ethics Committee

Further information: John Finnie, SA Pathology/CALHN AEC Committee [SAPathologyAEC@sa.gov.au](mailto:SAPathologyAEC@sa.gov.au)



# WORK, HEALTH & SAFETY

## Not all quiet on the quarantine front – recent penalties are loud and clear

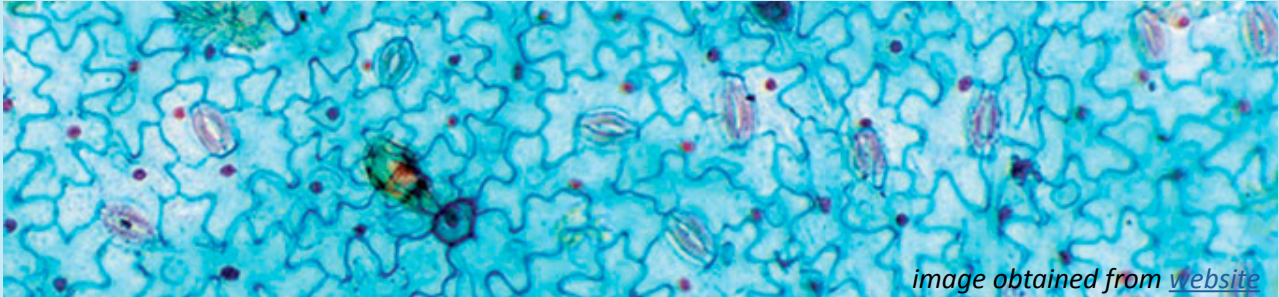


image obtained from [website](#)

Researchers who deal with quarantine status materials should take note of the [recent prosecution](#) of a Brisbane transport company found to have breached their biosecurity obligations.

Late last year, the Brisbane District Court found the company guilty of numerous offences for the way they dealt with quarantine status materials.

The message to quarantine permit holders was loud and clear. Those involved were handed significant individual and corporate penalties: a suspended 12 month jail sentence and \$20,000 fine for the individual responsible and a fine of \$100,000 for the company.

By failing to store the goods at an approved location, the company exposed Australia's agricultural industries, environment and community to serious biosecurity risk.

### **The onus is on you to manage biosecurity risks**

Biosecurity laws are there for a reason. Non-compliance is costly to individuals involved and their institutions, and may pose significant risks to Australia's environment, economy and community.

This recent prosecution demonstrates that the Department of Agriculture and Water Resources will pursue importers and users of biosecurity risk goods who do not meet all obligations under the Act and Departmental directions for individual approved arrangements and permits.

This is a salient reminder to all users and importers of quarantine status materials that the Department takes biosecurity risks seriously, and that breaches can attract significant personal and corporate penalties.

### **Know your biosecurity obligations**

Researchers who deal with quarantine status materials must take individual responsibility for compliance with the Biosecurity Act 2015 and related legislation. This includes:

- ❑ obtaining an appropriate permit for import and use of quarantine status materials
- ❑ ongoing compliance with the conditions listed on the permit
- ❑ maintaining mandatory records including evidence of disposal
- ❑ appropriately labelling imported materials

Reprinted from the Office of Research Ethics, Compliance and Integrity The University of Adelaide.

Link for more information about [maintaining biosecurity compliance](#).

# UPCOMING EVENTS

THE QUEEN ELIZABETH HOSPITAL



The Institute  
basil hetzel institute for translational health research

## APRIL - JUNE 2019

BHI Research Seminars  
with Invited External Speakers

[www.basilhetzelinstitute.com.au/events](http://www.basilhetzelinstitute.com.au/events)

Seminars will run from 1:00 – 2:00pm, in the Basil Hetzel Institute, TQEH,  
Ground Floor Seminar Rooms, 37a Woodville Road, Woodville South

### Wednesday 3rd April

**SPEAKER:** Dr Denis Tvorogov, Senior Research Fellow, Cytokine Receptor Laboratory, Centre for Cancer Biology, University of South Australia

**TITLE:** *Accumulation of JAK activation-loop phosphorylation promotes Type I JAK inhibitor withdrawal syndrome in myelofibrosis*

**CHAIR:** Dr Peter Zalewski, Senior Research Officer, The University of Adelaide, Discipline of Medicine Level 2, BHI, TQEH. [peter.zalewski@adelaide.edu.au](mailto:peter.zalewski@adelaide.edu.au)

### Wednesday 1st May

**SPEAKER:** Dr William Murray-Brown, PhD, Research Associate, Department of Rheumatology, Flinders Medical Centre

**TITLE:** *Next generation histology in Rheumatoid Arthritis: Automated multi parameter microscopy and machine learning image analysis*

**CHAIRS:** Sue Lester, Chief Medical Scientist, Rheumatology Unit, Level 2, BHI, TQEH. [susan.lester@sa.gov.au](mailto:susan.lester@sa.gov.au)

### Wednesday 5th June

**SPEAKER:** Prof Stuart M. Brierley, NHMRC RD Wright Biomedical Fellow, Matthew Flinders Research Fellow in Gastrointestinal Neuroscience, Director of Visceral Pain Research Group, College of Medicine and Public Health, Centre for Neuroscience, Flinders University

**TITLE:** *Visceral Sensation: From tarantula toxins to itchy colons*

**CHAIR:** Prof Betty Sallustio, Principal Medical Scientist, Clinical Pharmacology Unit, Level 2, BHI TQEH, and Postgraduate Coordinator for The University of Adelaide Discipline of Medicine (TQEH). [betty.sallustio@adelaide.edu.au](mailto:betty.sallustio@adelaide.edu.au)

**Please Note:**

All Honours and Postgraduate research students are required to attend two thirds of BHI Research Seminar Programs.

Attending students are requested to sign the attendance sheet each session. University of Adelaide students attending these seminar gain 1hr CaRST (refer to UoA website).



# UPCOMING EVENTS

The Centre of Research Excellence in Frailty & Healthy Ageing presents:

## Beyond Measure

Featuring artwork by  
Dr Mandy Archibald  
John Blines  
Amber Cronin

Opening night:  
6-8pm Thur 11 April  
praxis ARTSPACE  
68 Gibson St Bowden

This exhibition builds on research & residencies of the Centre of Research Excellence in Frailty & Healthy Ageing to explore beliefs, experiences & misconceptions about frailty & ageing, and provide alternative conceptualizations to these perspectives.

Exhibition runs from  
April 11 – May 10

Supported by Inspiring South  
Australia



Archibald & Blines, 2019

# UPCOMING EVENTS

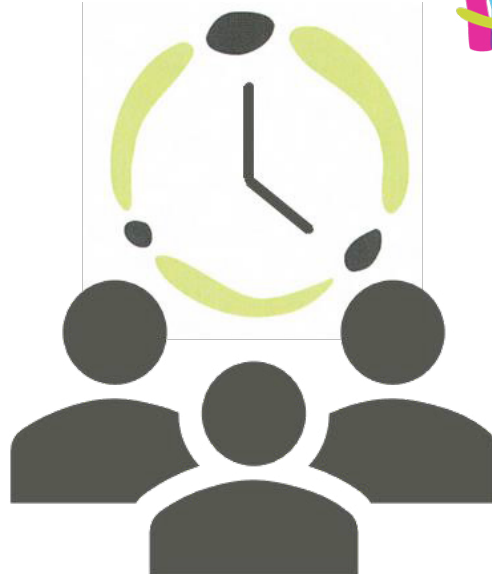
CONTINUED



**The Institute**  
basil hetzel institute for translational health research



**the hospital  
research foundation**  
finding cures improving care



## BHI Off the Clock

**Wednesday 17<sup>th</sup> April 2019**

**from 4pm**

**BHI Ground Floor Seminar Rooms**

- For all staff, students & supervisors
- Meet informally & build relationships
- Casual networking/social environment
- Extended invitation to THRF to discuss potential media exposure with new researchers
- Pizza and drinks provided

**Kindly supported by THRF**





# UPCOMING EVENTS

CONTINUED

## ASMR SA Annual Scientific Meeting

Wednesday 5<sup>th</sup> June 2019  
Adelaide Convention Centre



Medical Research  
Week® 2019

### **Abstract Submission Now Open**

<https://asmr.org.au/asmr-mrw/south-australia/>

Abstracts are accepted from all areas of  
Health & Medical Research for Oral and Poster Presentations

**Honours, PhD students & early Post-doctoral fellows are strongly  
encouraged to submit abstracts**

**Closing date for abstracts  
5pm Friday 5<sup>th</sup> April, 2019**

**Convenor:** Sanuja Fernando  
([sanuja.fernando@sahmri.com](mailto:sanuja.fernando@sahmri.com))

**Sub-committee:** Florence Lees, Mohammad  
Hassanshahi and Thomas Agbaedeng



Australian Government

National Health and Medical Research Council

**Major National Supporter of ASMR  
MRW®**

#### Platinum Sponsors



#### Silver Industry Sponsors



#### Bronze Sponsors



# PUBLICATIONS

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

Bryant R, Schultz C, Ooi S, Goess C, Costello S, Vincent A, Schoeman S, Lim A, Bartholomeusz F, Travis S, Andrews J. Visceral adipose tissue is associated with stricturing Crohn's Disease behavior, fecal calprotectin, and quality of life. *Inflammatory Bowel Diseases*. 25(3):592-600, 2019 Feb.

Feltrin C, Newton J, Willetts G. How graduate nurses adapt to individual ward culture: A grounded theory study. *Journal of Advanced Nursing*. 75:616-627 2019 <https://doi.org/10.1111/jan.13884>.

Gupta A, Kanhere H, Maddern G, Trochsler M. Response to Re: Liver resection in octogenarians: are the outcomes worth the risk? *ANZ Journal of Surgery*. 89(1-2):132, 2019 Jan.

Johan M, Ingman W, Robertson S, Hull M. Macrophages infiltrating endometriosis-like lesions exhibit progressive phenotype changes in a heterologous mouse model. *Journal of Reproductive Immunology*. 132:1-8, 2019 Jan.

Kirana C, Peng L, Miller R, Keating J, Glenn C, Shi H, Jordan T, Maddern G, Stubbs R. Combination of laser microdissection, 2D-DIGE and MALDI-TOF MS to identify protein biomarkers to predict colorectal cancer spread. *Clinical Proteomics*. 16(1): Article Number: 9. 2019 Jan.

Ninan J, Lester S, Hill C. Diagnosis and management of giant cell arteritis: an Asia-Pacific perspective. *International Journal of Rheumatic Diseases*. 22 (Supplement 1):28-40, 2019 Jan.

Peeters M, Price T, Boedigheimer M, Kim T, Ruff P, Gibbs P, Thomas A, Demonty G, Hool K, Ang A. Evaluation of emergent mutations in circulating cell-free DNA and clinical outcomes in patients with metastatic colorectal cancer treated with panitumumab in the ASPECCT Study. *Clinical Cancer Research*. 25(4):1216-1225, 2019 Feb.

Rischmueller M, Spurrier A. Can Sjogren's syndrome diagnosis and evaluation be stretched by elastography? *International Journal of Rheumatic Diseases*. 22(2):172-174, 2019 Feb.

Roy S, Jaeson M, Li Z, Mahboob S, Jackson R, Grubor-Bauk B, Wijesundara D, Gowans EJ, Ranasinghe C. Viral vector and route of administration determine the ILC and DC profiles responsible for downstream vaccine-specific immune outcomes. *Vaccine*. 37(10):1266-1276, 2019 Feb.

Smith E, Tomita Y, Palethorpe H, Howell S, Nakhjavani M, Townsend A, Price T, Young J, Hardingham J. Reduced aquaporin-1 transcript expression in colorectal carcinoma is associated with promoter hypermethylation. *Epigenetics: Official Journal of the DNA Methylation Society*. 1-13: 2019 Feb.

Washam J, Hohnloser S, Lopes R, Wojdyla D, Vinereanu D, Alexander J, Gersh B, Hanna M, Horowitz J, Hylek E, Xavier D, Verheugt F, Wallentin L, Granger C, ARISTOTLE Committees and Investigators. Interacting medication use and the treatment effects of apixaban versus warfarin: results from the ARISTOTLE Trial. *Journal of Thrombosis & Thrombolysis*. 2019 Feb. doi.org/10.1007/s11239-019-01823-y.

Cherian L, Cooksley C, Richter K, Ramezani M, Paramasivan S, Wormald P-J, Vreugde S, Psaltis A. Effect of commercial nasal steroid preparation on bacterial growth. *International Forum of Allergy and Rhinology*. (no pagination), 2019. DOI: 10.1002/alr.22312.

Constantine S, Roach D, Liberali S, Kiermeier A, Sarkar P, Jannes J, Sambrook P, Anderson P, Beltrame J. Carotid artery calcification on orthopantomograms (CACO Study) - is it indicative of carotid stenosis? *Australian Dental Journal*. 64(1):4-10, 2019 Mar. DOI:10.1111/adj.12651.

Jadczak A, Visvanathan R. Anorexia of aging - an updated short review. *Journal of Nutrition, Health and Aging*. (no pagination), 2019.

Kozman M, Tonkin D, Eteuati J, Karatassas A, McDonald C. Robotic-assisted ventral hernia repair with surgical mesh: how I do it and case series of early experience. *ANZ Journal of Surgery*. 89(3):248-254, 2019 Mar.



# PUBLICATIONS CONTINUED

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

Rana A, Rana A, Hewett P. Multiple small bowel perforations secondary to tumor lysis - a complication of pseudomyxoma peritonei in a patient undergoing intraperitoneal chemotherapy. *Journal of Gastrointestinal Cancer*. 2019 Feb DOI: 10.1007/s12029-019-00216-x.

Sato K, Takahashi J, Odaka Y, Suda A, Sueda S, Teragawa H, Ishii K, Kiyooka T, Hirayama A, Sumiyoshi T, Tanabe Y, Kimura K, Kaikita K, Ong P, Sechtem U, Camici P, Kaski J, Crea F, Beltrame J, Shimokawa H, Japanese Coronary Spasm Association. Clinical characteristics and long-term prognosis of contemporary patients with vasospastic angina: Ethnic differences detected in an international comparative study. *International Journal of Cardiology*. 2019 Feb. DOI: 10.1016/j.ijcard.2019.02.038.

Tie J, Cohen J, Wang Y, Li L, Christie M, Simons K, Elsaleh H, Kosmider S, Wong R, Yip D, Lee M, Tran B, Rangiah D, Burge M, Goldstein D, Singh M, Skinner I, Faragher I, Croxford M, Bampton C, Haydon A, Jones I, Karapetis C, Price T, Schaefer M, Ptak J, Dobbyn L, Silliman N, Kinde I, Tomasetti C, Papadopoulos N, Kinzler K, Volgestein B, Gibbs P. Serial circulating tumour DNA analysis during multimodality treatment of locally advanced rectal cancer: a prospective biomarker study. *Gut*. 68(4):663-671, 2019 Apr DIO:10.1136/gutjnl-2017-315852.

Vincent F, Bubicich M, Downie-Doyle S, Mackay F, Morand E, Rischmueller M. Serum soluble Fas and Fas ligand (FasL) in primary Sjogren's syndrome. *Clinical & Experimental Rheumatology*. 1-3, 2019 Feb.

## Live the Dream Mortgage Free!

The Hospital Research Home Lottery is back! YOU could be living in the spectacular suburb of Glenelg North in a stunning, fully furnished Scott Salisbury home PLUS \$1million CASH!

Through your ongoing support, The Hospital Research Foundation (THRF) can progress vital medical research and patient care initiatives for over 40 areas of healthcare within South Australia, as well as continue funding research and equipment at the BHI and TQEH.

By purchasing a ticket in the Hospital Research Home Lottery, you are helping to ensure your loved ones receive the very best of care, informed by the latest research.

Purchase your ticket today at [www.homelottery.com.au](http://www.homelottery.com.au) or at our office, located at 60 Woodville Road, Woodville. Good luck!



*You could be living the dream mortgage free in this amazing home!*

## THRF Welcomes New Team Members!



(L-R) Naresh, Jessica, Sarah, Amy, Cassie, Siri and Ash

As THRF continues to grow, our team is also expanding! THRF has welcomed the following team members to our organisation.

- Cassie Magin: Marketing and Events Team Leader
- Siri Bakke: Marketing and Graphic Design Coordinator
- Jessica Middleton: Marketing and Events Assistant
- Ash Shukla: Digital Marketing Specialist
- Amy Durant: Acting Communications Manager
- Sarah Quartuccio: Communications Assistant
- Naresh Mudiraj: Data Insights Analyst

You are likely to see Cassie or Jessica around the BHI for events throughout the year, and you might even be contacted by Amy or Sarah wanting to interview you regarding your research! Siri works behind the scenes and is extremely talented as our graphic designer. Ash and Naresh also work behind the scenes, Ash manages our digital marketing and Naresh provides us valuable data insights from our campaigns and various activities.

If you see their faces around the BHI, don't hesitate to say hello!

## Cycling 1,000km for Country Cancer Patients



*Our dedicated SuperCyclists riding to raise vital funds to help country cancer patients and their families*

Currently, 35 SuperCyclists are cycling 1,000km for country cancer patients!

Swapping their suits for lycra, the dedicated riders are travelling through country South Australia to raise funds towards accommodation for country cancer patients and their families through THRF's Under Our Roof project.

To date, Mercer SuperCycle has raised over \$2.3million for country cancer patients, resulting in two houses in Woodville West and an apartment being built in Bowden!

The seven-day journey will finish on Friday 5 April.

You can support the riders by donating today:

<https://supercycle.org.au/donate/>

## ANZAC Commemorative Cocktail Evening

THRF's partner charity The Road Home is hosting their annual ANZAC Cocktail Evening and you're invited.

Please join us on **Saturday 27 April** at The Adelaide Oval to reflect on our veterans, both past and present who fought and are still fighting for our freedom.

The theme for this year's event is 'Once the War Ends... the Battle Begins.' You will be hearing from expert researchers who will be sharing their findings in the areas of Post-Traumatic Stress, supporting veterans and their families and also the impact of Art Therapy.

Purchase tickets via Eventbrite: <https://bit.ly/2Sw2Yvr>

We look forward to seeing you there!

