



The Emerging Leaders showcase was held on 25<sup>th</sup>-26<sup>th</sup> November 2021. A total of 158 participants attended on Thursday 25<sup>th</sup> (147 in person and 11 remote participants), while 156 attendees attended on Friday 26<sup>th</sup> (146 in person and 10 remote participants), including academics, professional staff, HDR students, invited guests and sponsors.

**Plenary Speakers and panelists**

The plenary speakers: Professor Billie Bonevski, Associate Professor Simone Tur (Thursday 25<sup>th</sup> Nov) and Professor Peter Eastwood (Friday 26<sup>th</sup> Nov), as well as the panel of leaders (Professor Alison Jones, Dr Courtney Ryder, Associate Professor Maree Meredith and Professor Peter Eastwood) delivered brilliant thought-provoking presentations that resulted in active discussions.



*Snapshots from the 2021 Emerging Leaders Showcase. On the top left Professor Billie Bonevski, on the top right Associate Professor Simone Tur and on the bottom right Professor Peter Eastwood delivering their plenary talk. On the bottom left the Emerging Leaders for a Fearless Future panel discussion (from left to right Professor Peter Eastwood, Dr Courtney Ryder, Professor Alison Jones and Dr Dusan Matusica). Source of images: Twitter*

The event was filled with great variety of interesting talks showcasing the life-changing research undertaken within the College of Medicine and Public Health at Flinders University.

**Short talks**

**Thursday 25th November 2021 – session 1 short talks**

- 1) Dr Marta Gabryelska. *RNA interactomic landscape in cancer*
- 2) Dr Kate Fairweather. *Improving cardiovascular health/quality of life in people with severe mental illness.*
- 3) Radwan Ansaar. *Mechanisms of acquired chemotherapy resistance in breast cancer cells.*
- 4) Dr Hannah Scott. *The Importance of Sleep Need Versus Sleep Duration for Health and Daytime Function.*
- 5) Dr Minh-Son To. *Opportunistic detection of osteoporosis on chest radiographs with deep learning.*
- 6) Dr Amal Osman. *Mandibular advancement improves upper airway collapsibility in people with sleep apnoea.*
- 7) Dr Shalem Leemaqz. *Predicting risk for pregnancy complications: Models and challenges.*
- 8) Dr Nicole Lovato. *Sleep perception in older adults with insomnia: The role of objective sleep duration.*
- 9) Dr Katie Williams. *Programmed cell death protein 1-expressing T cells are pathogenic in early rheumatoid arthritis and correlate with response to treatment.*
- 10) Dr Dylan Jones. *Impact of Surgical and Transcatheter Aortic Valve Replacement on Frailty.*
- 11) Dr Rosa Coldbeck-Shackley. *Interferon-epsilon (IFNε) constitutively protects the female reproductive tract from Zika Virus infection.*
- 12) Dr Erin Morton. *Health Data and Clinical Trials (HDCT): A Flinders renaissance of the academic clinical research organisation.*



Snapshots from session 1 - short talks of the 2021 Emerging Leaders Showcase. Source of images: Twitter

**Thursday 25th November 2021 – session 2 short talks**

- 1) Dr Ganesh Naik. *A novel approach to detect cardiorespiratory and sleep events using morphic sensors.*
- 2) Dr Lenore de la Parelle. *Building knowledge and skills in clinicians working with people with dementia.*
- 3) Dr Courtney Ryder. *Burns Injuries and Hospital Stay in Aboriginal and Torres Strait Islander Children.*
- 4) Dr Helen Harrison. *Prompting students to learn about their learning: It's all a bit meta!*
- 5) Jai Meyers. *UGT enzymes as novel modulators of lipid biosynthesis in breast cancer.*
- 6) Dr Jean Winter. *Detection of hypermethylated BCAT1 and IKZF1 DNA in blood and tissues of colorectal, breast and prostate cancer patients.*
- 7) Dr Pramod Nair. *Structural plasticity of drug metabolising enzymes: Insights from molecular dynamics.*
- 8) Dr Nick Eyre. *Development of novel inhibitors of the dengue virus NS1 protein.*
- 9) Atqiya Aishah. *Targeted non-CPAP combination therapy resolves obstructive sleep apnoea.*



Snapshots from session 2 - short talks of the 2021 Emerging Leaders Showcase. Source of images: Twitter

**Friday 26th November 2021 – session 5 short talks**

- 1) Nicole Grivell. *Assessment, Referral and Management of OSA by Australian General Practitioners.*
- 2) Dr Prita Asih. *Adrenocortical MAP kinase p38delta controls central nervous functions in memory and cognition.*
- 3) Dr Seven Taylor. *Understanding the microbiology of otitis media in Aboriginal children: a longitudinal analysis in a remote South Australian setting.*
- 4) A/Prof Simon Conn. *Circular RNAs as Trojan Horses of Cancer.*
- 5) A/Prof Sarah Thompson. *How fast does one's liver shrink on a very low-calorie diet?*
- 6) Dr Hailay Gesesew. *Impact of the Tigray war in Ethiopia on the health system of the region: Comparisons to the pre-war state.*
- 7) Dr Adeline Lau. *Targeting heparan sulfate biosynthesis as a potential therapy for a childhood dementia.*
- 8) A/Prof Andrew Vakulin. *Reduction in fall risk markers by treatment of obstructive sleep apnea in people over 65 years.*
- 9) Dr Jianling Xie. *Targeting protein folding for treatment of advanced prostate cancer.*
- 10) Dr Annabelle Small. *Rheumatoid arthritis synovial macrophage plasticity and possible future targets for treatment.*
- 11) Dr Anthony Venning. *It's what's under the hood that counts.*
- 12) Dr Jacqueline Stephens. *Early Markers of Renal Disease in Aboriginal Children: The ARDAC Study.*



Snapshots from session 5 - short talks of the 2021 Emerging Leaders Showcase. Source of images: Twitter

**Friday 26th November 2021 – session 4 HDR: The Future**

The HDR coordinator gave a touching and motivating talk to the audience followed by a series of 3-Minute Thesis (3MT) presentations and Ms Jane Howard, Deputy Editor of The Conversation offered a compelling talk about the advantages of publishing in this journal and how The Conversation can help scientists increasing reach and impact of their research.



Snapshots from session 4 – 3MTs of the 2021 Emerging Leaders Showcase. Source of images: Twitter



Snapshots from the 2021 Emerging Leaders Showcase. On the left Dr Amy Reynolds, on the right Ms Jane Howard. Source of images: Twitter

Brilliant presentations were also given in ePoster format during sessions 3 on Thursday 25<sup>th</sup> and session.



Snapshots from session 3 – ePoster presentations of the 2021 Emerging Leaders Showcase. Source of images: Twitter

**Art exhibition**

The event hosted an exhibition of beautiful artworks from three brilliant students within the College: Ms Danielle Renfrey, Ms Rebecca Medhurst and Ms Kirsty Emery.



**ARTIST DANIELLE RENFREY**

I am a 3rd year Bachelor of Medical Science student with a background in visual arts and aged care. In the past decade my artwork has naturally progressed towards almost exclusively exploring medical and scientific themes, a curiosity that eventually geared me towards delving into medical research studies full-time. I look forward to walking whatever pathway these two passions can take me down.



**ARTIST REBBECA MEDHURST**

I am a mature Bachelor of Medical Science student, in my third year. I've always enjoyed art and have previously co-owned a gallery/cafe, where I taught art classes to adults, children and people with brain injuries. My career in art has spanned 30 years. I enjoy painting different subjects, however specialise in birds. I am a mum of 4 and grandmother of 2. I also enjoy Ultra running and always take lots of photographs out on the trail as inspiration for my art.



**ARTIST KIRSTY EMERY**

I am a Bachelor of Medical Science student. I have been involved with various community art activities, including founding member of H.art, a group of 5 women who laid the foundations for the new Fabrik arts precinct at Lobethal SA.



**Live music**

Lunch and tea breaks were accompanied by live music performed by two exceptionally talented bands of College of Medicine and Public Health Students: Ectopic Rhythm and DRS ACDC.



**‘ECTOPIC RHYTHM’**

Ectopic Rhythm is a newly founded band that formed through the ‘Music for Health’ professional development elective in the second year of Flinders University Doctor of Medicine (MD) in the College of Medicine and Public Health. They have had the opportunity to perform in the Flinders Medical Centre (FMC) courtyard and on the FMC, hospital wards for patients. The momentum carried them into performing a regular gig at The Hidden Brew in the Adelaide CBD where they can be heard on Fridays when they don’t have enough to study!

**ECTOPIC RHYTHM MEMBERS:**

- Vincent Clark Lo Vidanes
- Joseph Jang
- Midhun John
- Scott Shaw



**‘DRS ACDC’**

Emerson and Liam are part of the band ‘DRS ACDC’, which first featured in the Health & Human Rights Group (HHRG) HEAT Night in 2018, and included another three core members. The band has since played at another HEAT Night events, as well as participated in the ‘Music for Health’ professional development program within the Flinders University Doctor of Medicine (MD). Taking on the name ‘The Four Chordsmen’ they tour the Flinders Medical Centre (FMC) wards and the FMC Duck Pond courtyard. “We are looking forward to playing at the ELS in 2021, and hope you enjoy our songs over lunch!”

**DRS ACDC MEMBERS:**

- Liam Widdop
- Emerson Krstic



Artists who performed or exhibited their artwork during the Emerging Leaders Showcase. Source of images: Twitter and 2021 Emerging Leaders Showcase program.



## Sponsors

The 2021 Emerging Leaders Showcase was kindly supported by a total of 13 sponsors (1 diamond, 1 platinum, 7 gold, 3 silver, 1 prize contribution)

- **Diamond sponsor:** Flinders University College of Medicine and Public Health
- **Platinum sponsor:** Flinders Foundation (a special thank you to Associate Professor John Stirling and his partner Jill Blight, who donated to the Flinders Foundation to specifically support the Emerging Leaders Showcase)
- **7 Gold sponsors:** Animate Your Science, Astrazeneca, Biosensis, ChemSupply, Eppendorf, Genesearch, Quantum Accounting
- **3 Silver sponsors:** Abacusdx, Sapphire Bioscience, The Conversation
- **prize contribution:** Harvey Norman Gepps Cross

All sponsors were offered the opportunity to display their logo through a variety of media platforms and resources (website, twitter, advertising material, conference program) and trade display space. Delegates unable to attend in person were offered the opportunity to attend the event online.

### DIAMOND SPONSOR



### PLATINUM SPONSOR



### GOLD SPONSORS



### SILVER SPONSORS

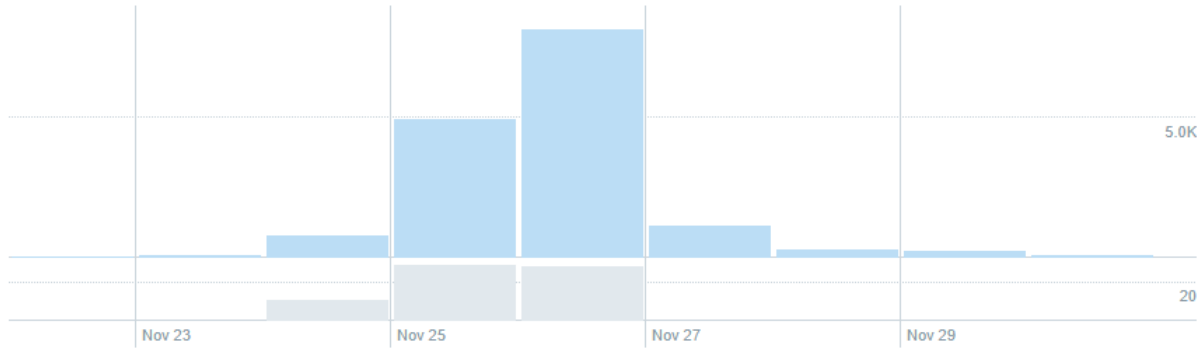


Thank you to **Harvey Norman Gepps Cross** for the generous donation of a EM5300S Sunbeam Barista Max Espresso Machine valued at \$450 as the mystery prize.

**Engagement**

Twitter (@LeadersShowcase) was used throughout the conference using the hashtag #EmergingLeadersShowcase2021. Delegates were encouraged to Tweet and share their experiences of the conference using the hashtag.

Your Tweets earned **15.8K impressions** over this **9 day period**



Analytics Home Tweets More
Emerging Leaders Showcase
Sign up for Twitter Ads


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Nov 2021 - 30 days

**Tweet Highlights**

**Top Tweet** earned 1,562 impressions

Prof Alison Jones, Dr Courtney Ryder, and Prof Peter Eastwood, talk leadership and a fearless future  
[#EmergingLeadersShowcase2021](#)  
[@Flinders @FlindersHmri](#)  
[pic.twitter.com/li8cuJCuTX](https://pic.twitter.com/li8cuJCuTX)



2 10


[View Tweet activity](#) [View all Tweet activity](#)

**Top mention** earned 49 engagements

**Adelaide Institute for Sleep Health**  
[@AISHsleeplab](#) · Nov 26

The AISH crew were back in action today at day 2 of the  
[#EmergingLeadersShowcase2021](#)  
 PhD students presenting their work and Dr Amy Reynolds speaking careers in her role as HDR coordinator.

[@Flinders @FlindersHmri @LeadersShowcase](#)  
[pic.twitter.com/tNvc3jVTvc](https://pic.twitter.com/tNvc3jVTvc)



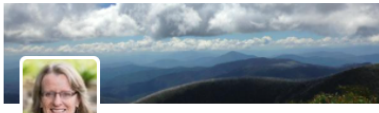
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[View Tweet](#)

**NOV 2021 SUMMARY**

|                |       |                   |       |
|----------------|-------|-------------------|-------|
| Tweets         | 98    | Tweet impressions | 20.3K |
| Profile visits | 3,140 | Mentions          | 50    |
| New followers  | 16    |                   |       |

**Top Follower** followed by 2,238 people



**Claire Roberts**  
[@clairetroberts](#) [FOLLOWS YOU](#)

**Top media Tweet** earned 837 impressions

Amy Reynolds. 'The thesis' planning, over coming and succeeding.

**Response**

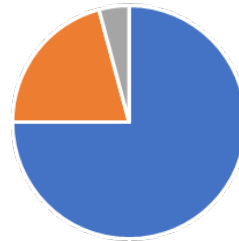
The event was very well received by the attendees, with great participation on social media and over 20K tweet impressions. A post-event survey has highlighted high levels of satisfaction across the attendees:

- 96% of people who answered the survey plan to attend the event again next year
- 75% of the surveyed sample found the plenary talk highly relevant
- 92% of the attendees were either satisfied or highly satisfied with the event overall

**Future attendance**



**Relevance of plenary**



■ attend only  
 ■ attend and present  
 ■ not interested  
 ■ Relevant  
 ■ Not relevant  
 ■ Did not answer the question

**Satisfaction with the event**



■ Highly satisfied  
 ■ Satisfied  
 ■ Neither satisfied nor dissatisfied  
 ■ Dissatisfied

**Some feedback from the conference**

**Attendee 1**

*“The 2021 ELS was very well delivered particularly given that we are still in a pandemic. I would rate the experience as 10/10.”*

**Attendee 2**

*“Excellent event. Well-coordinated, kept to time, great sponsors and prizes. Loved HDR contributions.”*

**Attendee 3**

*“Fantastic. I thought the EMCRs did an exemplary job of bringing this together to support students and early career researchers.”*

**Attendee 4**

*“I would say it was excellent! The overall experience was really enjoyable, inspiring, and very well put-together.”*

*“It’s a great opportunity for the College’s EMCR’s. The committee organisation, catering and venue were great.”*

## Congratulations to our 2021 Emerging Leaders Showcase award winners!

### SHORT TALK PRESENTATION AWARDS

Each winner was awarded a \$800 voucher offered by Flinders Foundation and an access licence to the online course “How to Design an Award-Winning Scientific Poster” offered by Animate Your Science. The winner of the best talk from a Mid-Career Researcher/Academic was also awarded a voucher for the preparation of a tax return from Quantum Accounting

- **Best Short Talk from a HDR student:** Jai Mayers
- **Best Short Talk from an Early-Career Researcher/Academic:** Dr Steven Taylor
- **Best Short Talk from a Mid-Career Researcher/Academic:** Prof Simon Conn

### ePOSTER PRESENTATION AWARDS

Each winner was awarded a \$250 voucher offered by Flinders Foundation and an access licence to the online course “How to Design an Award-Winning Scientific Poster” offered by Animate Your Science.

- **Best Poster Presentation from a HDR student:** Demi Georgiou
- **Best Poster Presentation from an Early-Career Researcher/Academic:** Bastien Lechat
- **Best Poster Presentation a Mid-Career Researcher/Academic:** since no eligible Mid-Career Researcher/Academic presented a poster, the prize was awarded to the best short talk from a Mid-Career Researcher/Academic runner up Dr Jianling Xie

### 3MT PRESENTATION AWARD

The winner was awarded a \$250 voucher offered by Sapphire Bioscience.

- **Best 3MT Presentation from a HDR student:** Reham Mounzer

### THE CONVERSATION AWARD

The HDR student winner of this award received support to publish a short article and share their expertise with The Conversation’s global audience.

- **The Conversation award:** Nayoli Valentine



*Snapshots from the award ceremony of the 2021 Emerging Leaders Showcase. Source of images: Twitter*

**Conference Demographics**

**Total attendees (n=314); Sponsor Delegates (n=15); Committee members (n=17)**

**Invited speakers 2021**

Gender 12.5% M, 87.5% F

**Short talk presenters 2021**

Gender 43% M, 57% F, 0% NB

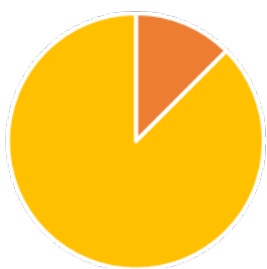
**ePoster presenters 2021**

Gender 33% M, 67% F, 0%NB

**3MT presenters 2021**

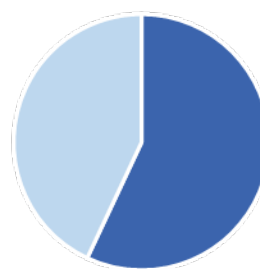
Gender 42% M, 58% F, 0%NB

**Invited speakers**



Male Female

**Short Talk presenters**



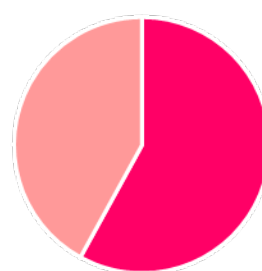
Female Male

**ePoster presenters**



Male Female

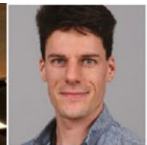






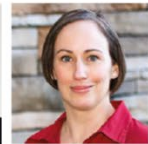

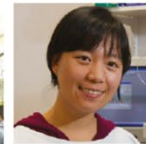
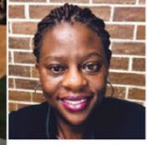






**3MT presenters**



Female Male

**2021 Emerging Leaders Showcase Committee**



|   |  |   |   |  |
|---|--|---|---|--|
| <br><b>DR ALEXANDER SWEETMAN</b><br>Research Fellow, FHMRI Sleep Health.                                     | <br><b>ASSOCIATE PROFESSOR ANDREW VAKULIN</b><br>NH&MRC Career Development Fellow, FHMRI Sleep Health. | <br><b>BRAD MITCHELL</b><br>Lecturer, Paramedicine.                                  | <br><b>CAROLIN TRAN</b><br>Laboratory Manager, FHMRI Sleep Health.                 | <br><b>DR CHRISTINE BARRY</b><br>Senior Lecturer, Human Anatomy.    |
| <br><b>DR DANIEL THORPE</b><br>Associate Lecturer, Human Physiology.   | <br><b>DR DUSAN MATUSICICA</b><br>Senior Lecturer, Human Anatomy.                                      | <br><b>DR ERIN MORTON</b><br>Deputy Director, Health Data Science & Clinical Trials. | <br><b>DR HELEN HARRISON</b><br>Senior Lecturer, Human Physiology.                 | <br><b>DR JING JING WANG</b><br>Senior Research Fellow, Immunology. |
| <br><b>DR NORMA B. BULAMU</b><br>Research Fellow in Health Economics, College of Medicine and Public Health. | <br><b>DR SARA TOMMASI</b><br>Associate Lecturer and Medical Scientist, Clinical Pharmacology.         | <br><b>SIAN NELLIGAN-WANG</b><br>Lecturer, Paramedicine.                             | <br><b>DR VOULA GAGANIS</b><br>Senior Lecturer, Teaching Specialist in Physiology. | <br><b>DR YURI OGAWA</b><br>Research Associate, Neuroscience.       |
| <b>HDR</b>  |  |   |   |  |
| <br><b>MR ANDREW BLYTH</b><br>PhD candidate, Medical Biochemistry.  | <br><b>MR TIMOTHY PENN</b><br>PhD candidate, Molecular Virology.                                      |   |   |  |

2021 Emerging Leaders showcase Committee. On the left the Chair Dr Voula Gaganis during the event, on the right the Committee members in alphabetical order. Source of images: Twitter and 2021 Emerging Leaders Showcase program.

**2021 Emerging Leaders Showcase Chair:** Dr Voula Gaganis

**2021 Emerging Leaders Showcase Committee Members**

- Dr Alexander Sweetman
- Mr Andrew Blyth
- A/Prof Andrew Vakulin
- Mr Brad Mitchell
- Ms Caroline Tran
- Dr Christine Barry
- Dr Daniel Thorpe
- Dr Dusan Matusica
- Dr Erin Morton
- Dr Helen Harrison
- Dr Jing Jing Wang
- Dr Norma B. Bulamu
- Dr Sara Tommasi
- Ms Sian Nelligan-Wang
- Mr Timothy Penn
- Dr Voula Gaganis
- Dr Yuri Ogawa