

Our Biosciences Education Australia Network (BEAN) forum will continue its national tour next year!

**This year's forum will be held ONLINE FOR FREE on Friday, 18 December 2020.**

**Please register via Eventbrite at:**

[www.eventbrite.com.au/e/zoom-bean-2020-virtual-forum-tickets-129626017909](http://www.eventbrite.com.au/e/zoom-bean-2020-virtual-forum-tickets-129626017909)

The ZOOM link will be sent to participants prior to the event

## **BEAN Zoom Program 2020 – *Note: AEDT (Sydney time)***

10 am – *Pauline Ross*

As Associate Dean Education in the Faculty of Science at Sydney Pauline has led the Faculty through the tremendous challenges of Covid and transitioning to on-line learning. She will share her experiences and thoughts moving towards 2021.

10.30 – *David Bowser*

David is the CEO of Curio, an education consulting, learning design and platform development business that advises and creates tools for many universities. David will give his expert perspective on the evolving higher ed sector.

11.00 – *Martin Kryzwinski*

Our favourite bioinformatician and creative from the Michael Smith Genome Sciences Center in Vancouver will make a long-awaited reappearance and tell us about Covid:Science:Art.

Look at the things he has been up to! <http://mkweb.bcgsc.ca/>

11.30 – 12.00 – *Cissy Ballen*

Cissy recently completed a PhD in Zoology in Sydney and is now at Auburn University as Assistant Professor. In an inspiring pivot, she started a lab looking at discipline-based education research on biology education and STEM equity through investigations of the causes and consequences of gaps in science literacy, and how educators can design their courses to minimize barriers to success. Notably, her lab was recently awarded a 5-year NSF grant (USD 1 million) to study the impact of scientist role models in data literacy instruction on student attitudes and learning in biology.

12.00 – 12.45 *Bioscience Australia Report*

The National Committee for Biomedical Sciences of the Australian Academy of Science has been a long-time supporter of BEAN. We are now in the process of starting a consultation process to report into how bioscience education may look in the near future. This will be a chance for you to have your input into this national project.

12.45 – *Lunch / Posters*

1.15 – 1.35 – *Sarah-Jane Gregory*

Sarah-Jane is at Griffith and will share her thoughts on student engagement and motivation as they progress through their degrees and how the sudden shift to on-line learning may compound these issues – particularly in second year.

1.35 – 1.55 – *Jean Marc Hero*

Working with local First Nations (Kurna & Ngarrindjeri) Elders and Educators, Jean-Marc leads an innovative teaching strategy based on Rationally Responsive Indigenous Standpoint Theory (Respect, Connect, Reflect, Direct) and Indigenous Knowledge pedagogies. This framework provides a basis for the STEM Academy at Flinders to advance Indigenous Knowledge and Culture in undergraduate teaching.

## 2.00 – 3.00 – *Covid bites*

### Chair Melissa Cameron 12 x 5 min

<b>Speaker</b>	<b>Title</b>	<b>Time</b>
Melissa Cameron	Introduction	2:00 – 2:05pm
Kate Carroll & Sharon Flecknoe	Activating the online classroom	2:05 – 2:10pm
Michelle Gerke-Duncan	Recreating the anatomy and histology drawing question to determine depth of learning in an online examination setting	2:10 – 2:15pm
Dylan Korczynskij	Enhancing learning opportunities in field biology using the lessons of Covid	2:15 – 2:20pm
Jessica Gibbons	Mutating molecular laboratory classes to suit a pandemic	2:20 – 2:25pm
Tara Speranza	Virtual scenario-driven learning – cloud-based updates to problem-based learning	2:25 – 2:30pm
Laura Gregory	The DigiCase: Building and assessing student digital capabilities in anatomy	2:30 – 2:35pm
Michelle Rank	Disjointed: a micro-story of online anatomy pracs	2:35 – 2:40pm
Voula Gaganis	Transitions to physiology practical teaching	2:40 – 2:45pm
Matthew Sellwood	Touring the virtual stomach: an immersive solution for bioscience education	2:45 – 2:50pm
Rosa McCarty & Saw Hoon Lim	Socially distanced but socially connected – humanising a biomedicine capstone subject in Covid-times	2:50 – 2:55pm
Rosanne Quinnell & Rebecca Lebard	Swedish death cleaning of research during COVID	2:55 – 3:00pm
Emilio Badoer	Student Engagement in a lockdown: Personal Experiences	3:00 – 3:05pm
Matthew Clemson	Don't look back: online exams in biochemistry and molecular biology	3:05 – 3:10pm
Francesca Van Den Berg	Modelling Bandicoots	3:10 – 3:15pm
	<b>Questions</b>	3:15 – 3:30pm