



**UNSW**  
SYDNEY

Australia's  
Global  
University

# Scientia Circle 2018 Program of Events

Our members enable UNSW Sydney  
to advance knowledge through research  
and education by giving in their Will



# Welcome from the Vice-Chancellor



Professor Ian Jacobs

## Registration

If you would like to attend any or all of these events, please register at:

**W** [giving.unsw.edu.au/scientia-circle](http://giving.unsw.edu.au/scientia-circle)

**E** [scientiacircle@unsw.edu.au](mailto:scientiacircle@unsw.edu.au)

Or contact

Catherine Hamilton at:

**T** +61 (2) 8936 4708

A light lunch is provided at all events and free on-campus parking close to the venues can be arranged when registering your attendance.

It is my pleasure to welcome you to the fourth year of the Scientia Circle Program of Events – a special suite of activities designed to acknowledge and thank our growing number of supporters who have included UNSW Sydney in their Will.

These generous gifts contribute enormously to our University, enabling us to drive initiatives that advance critical research, create new pathways to education, and support community-led causes.

This year we will be hosting three events:

- Our first event in May, one of UNSW's star researchers, Professor Sanderson, will explain how we can enhance urban resilience in an age of humanitarian challenges.
- In September, our panel discussion on Women in Engineering will show how UNSW is championing women and girls in this historically male-dominated field.
- Lastly, in November, we will host our annual Scientia Circle Luncheon exclusively for our Scientia Circle members.

I hope you will join us at these events, and experience the diversity of activity within our Kensington Campus.

On behalf of our University, I thank you for your support and for sharing in our vision to make a real and positive change in the world through UNSW.

**Professor Ian Jacobs**

President and Vice-Chancellor,  
UNSW Sydney



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# Welcome from the Chancellor



David Gonski AC

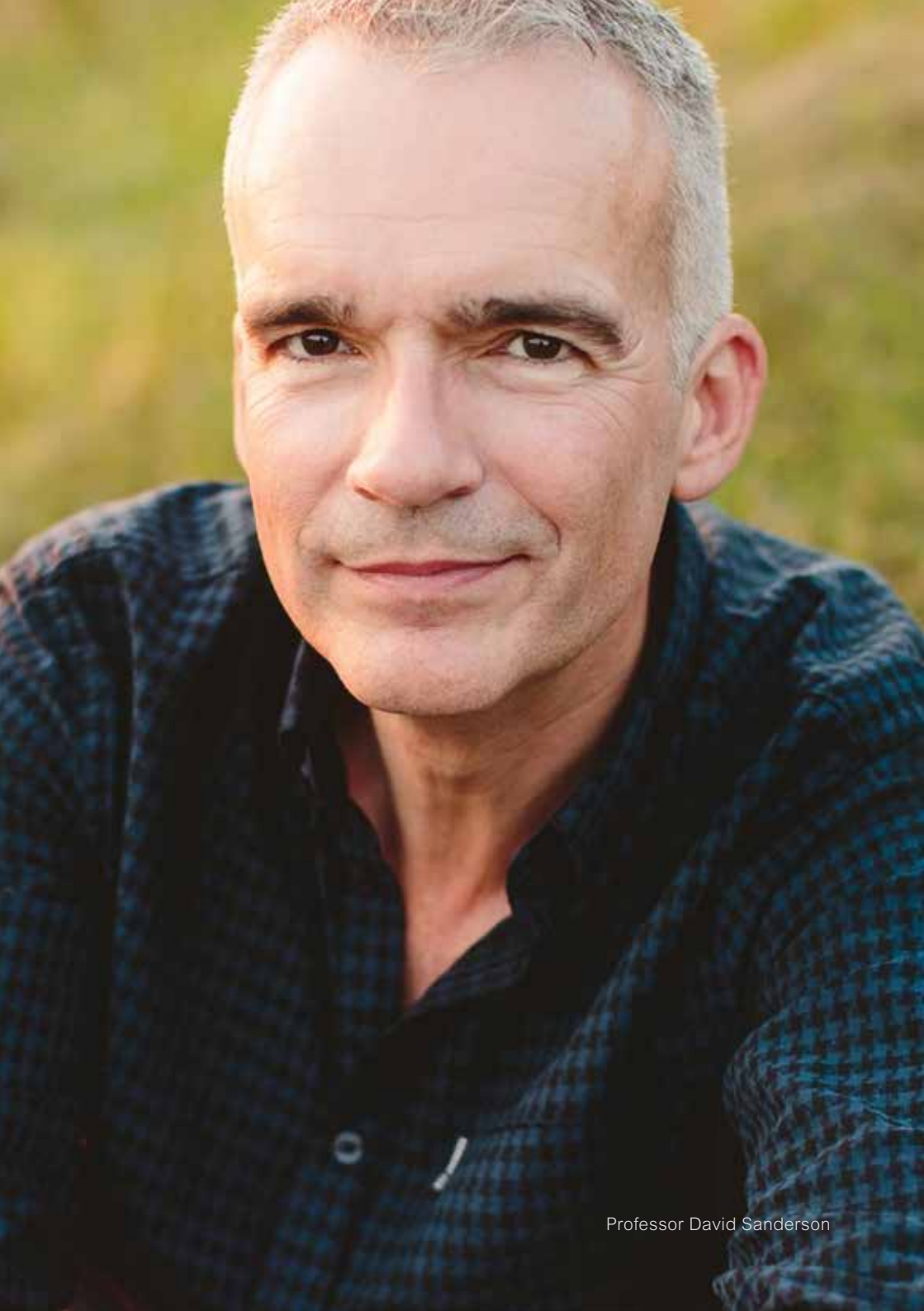
Welcome to our fourth year of the Scientia Circle Program of Events, and what a wonderful four years it has been. We are delighted to be able to once again invite our generous supporters to join us for exclusive events to learn more about aspects of UNSW's world-leading research and innovative social engagement programs.

I cherished my time at UNSW as a student and I believe strongly in the great teaching and research the University continues to provide. It is for this reason that I decided to include UNSW in my Will. I look forward to continuing to meet and speak with our many UNSW supporters who, like me, have made this decision as an expression of their passion for investing in future generations.

Being a Scientia Circle member also makes you a trusted investor in our University. As such, we welcome your ideas and feedback about our program. We want to ensure that your Scientia Circle membership enriches your life, as well the lives of the students, teachers and researchers of the future, who will be the ultimate beneficiaries of your generosity, with a ripple effect of great scale.

In joining the valued UNSW donor community, you will not only have the opportunity to meet regularly with your peers and shape the future of our University, you can find comfort in the knowledge that you have looked ahead way beyond your years. Thank you for trusting us and those who come after us to make the best possible use of your gifts, and for sharing our bold vision for a better world for all.

**David Gonski AC**  
Chancellor, UNSW Sydney



Professor David Sanderson

# Humanitarian Design: How to Build Resilience in Our Cities

Thursday 17 May 2018, 12.00pm – 2.00pm

Venue: UNSW Business School, Business Lounge, Level 6

**Today there are more people living in cities than ever before, and urban migration will only multiply in the coming years. The challenges are already great, with the growing threat of climate change, and the greatest level of human displacement since WWII.**

Despite these issues, Professor David Sanderson says if we start preparing our cities for naturally-triggered disasters now, we can save countless lives in the future. But how do you build urban resilience?

We invite you and a guest to attend this event to hear David discuss his work on the *Red Cross World Disasters Report*, which found that cities can recover from natural disasters faster when their social and political objectives align with their buildings and the needs of the community.

The research of this UNSW Built Environment Professor relates to disasters, poverty and marginalisation both here in Australia and across the globe. David will speak passionately on the importance of adopting more urban resilience worldwide, with the evidence showing if we do things differently we can save considerable amounts of money, and most importantly, we can save lives.

Early in his career as an architect, David had something of an epiphany while working at a low-income housing project, changing his career direction to one of an aid worker, utilising his architectural capabilities to deliver positive change. Since then, David has had more than 25 years of experience working across the world in development and emergencies, earning the apt moniker, the 'Architect of Change'.

Combining his Master's Degree in Development Practice and a PhD in urban livelihoods and vulnerability has allowed David to publish extensive research and papers on urban livelihoods, shelter and disaster risk reduction. His world-renowned work earned him the position of Inaugural Judith Neilson Chair of Architecture at UNSW Sydney in February 2016.

There are few people with David's knowledge and expertise in this area and his presentation promises to be highly original and thought-provoking. He is an engaging speaker with an infectious enthusiasm for his subject. He has kindly agreed to give a private talk to our supporters and your guests and to answer questions afterwards.



Sarah Coull



# Women in Engineering: How UNSW is championing diversity and driving female representation in Engineering

Thursday 20 September 2018, 12.00pm – 2.00pm

Venue: UNSW Library, Exhibition Lounge, Level 5

**Women have traditionally been under-represented in engineering, and this is a substantial missed opportunity. By encouraging more women and girls to pursue a career in engineering, we'll not only deliver a big win for gender equality, but also drive tangible economic benefits.**

Recent research has found that the increased participation of women in STEM (Science, Technology, Engineering, Maths) subjects can have a strong positive impact on GDP and employment. As a result, more organisations are recognising the true value of a balanced workforce and the importance of diversity to tackle the 21st century's most pressing challenges.

One of the ways UNSW is addressing this important issue is through a successful Women in Engineering Program, inspiring girls to pursue engineering degrees and careers, and celebrating the successes of female engineering graduates.

We invite you and a guest to join us for this special panel event, where we will meet Women in Engineering Manager, Sarah Coull and hear from three inspiring speakers:

- Justine Jarvinen – Chief Operating Officer, UNSW Energy Institute
- Ivana Popovac (*BE '10, MBIomedE '11*) – Manager, Systems Engineering Team and Principal Systems Engineer – Cochlear
- Riya Dalal – UNSW fourth year student, Mechanical and Biomedical Engineering and President of UNSW's Women in Engineering Student Society (WIESoc)

As female engineering role models themselves, these women can offer thought leadership on how we may best continue to overcome roadblocks, and explain how UNSW's Women in Engineering Program is championing a new generation of female engineers.

UNSW Engineering is the powerhouse of engineering research in Australia, comprising nine schools and 42 research centres. Ranked in the world's top 50 engineering faculties, UNSW Engineering has above-average female enrolments at 23% (the national average is closer to 17%). With its inclusive programs and the support of its partners and private benefactors, our University aims to boost female enrolments to 30% by 2020.

Join us for this special behind-the-scenes look at UNSW's Women in Engineering Program. It is a rare opportunity to have so many well-known women in engineering at the same event, with ample time for questions and comments.



## SCIENTIA CIRCLE ANNUAL LUNCH WITH CHANCELLOR DAVID GONSKI AC

### Menu

#### *Main Course Alternate Service*

Grass fed beef fillet, beef cheek  
schotel, smashed potato, charred  
mushroom, pickled onions, cherry and  
tomatoes (135 GF)

Roasted lamb chops, cauliflower gratin,  
yuzu dress, mushrooms and asparagus

Smoked salmon, lentils,  
Prawn, baby carrot

#### *Dessert*

Chocolate cake, vanilla ice cream, fresh  
fruit, cream, chocolate sauce

Apple pie, vanilla ice cream, fresh  
fruit, cream, chocolate sauce

## **Scientia Circle Luncheon – hosted by our Chancellor (for members and their guests)**

Monday 12 November 2018, 12.00pm – 2.00pm

Venue: Roundhouse, Club Bar, Level 1

**One of the highlights of the year is our annual Scientia Circle Luncheon, a gala event hosted by our Chancellor, David Gonski AC. David is himself a member of the Scientia Circle, having included a gift to UNSW in his own Will. He regards the Circle as providing vital support for UNSW in the future.**

The annual Luncheon is an exclusive event, to which we invite members of the Scientia Circle with partners or guests. The purpose of this luncheon is to express our special gratitude to those of you who have promised to remember UNSW in your Wills and give you the opportunity to not only have your say in the future of our University but to experience all it has to offer first-hand.

This year our flagship event will be hosted at the iconic Roundhouse, rejuvenated to its former glory after extensive renovations.

You and your guests will be welcomed by our leading academics, students and staff, who will provide fresh insights into current activities on campus. You will have the opportunity to learn more about the progress made by UNSW in a variety of fields of study, as well as receiving a guided tour through one of our dynamic centres to view our exciting teaching facilities and collaborative spaces.

We are always delighted to meet and speak with alumni and friends who share our passion for ensuring future generations receive the educational opportunities they wouldn't have otherwise had. There is a great sense of camaraderie at our gatherings and we are frequently told that membership is a richly rewarding and enjoyable experience for all those involved.



# Your gift keeps giving

Leaving a gift to UNSW in your Will doesn't just benefit one individual or one generation, it serves the entire community in the foreseeable future.

*"I decided to leave a gift to UNSW in my Will to honour my mother. She believed education must be accessible to everyone. I don't have children so why not give back to encourage and support others who may not otherwise have the opportunity to study at UNSW? This just seems obvious to me."*

– Lynne Billiard  
(BE'76 MEngSc'79)  
University Professor,  
University of Georgia

If it wasn't for our dedicated and far-sighted supporters we wouldn't have been able to:

- Increase both postgraduate research and student opportunities in Alternative Dispute Resolution (ADR), an area of law that is relatively under-developed in Australia.
- Support UNSW's holistic research Centre for Healthy Brain Ageing (CHeBA), whose purpose is to achieve healthier brain ageing and better clinical care of age-related brain disease.
- Focus attention on Multiple System Atrophy (MSA), a little understood condition that requires further research on gene expression and cell structures if we are to diagnose early and provide adequate care.
- Support UNSW's world-renowned Kirby Institute which came onto the world research stage in the 1980s when it was established in response to the emerging HIV epidemic. Today the Kirby contributes to the knowledge on a broad range of infectious diseases including viral hepatitis and sexually transmittable infections.
- Provide students from low-socioeconomic backgrounds with scholarships, ensuring all of society's brightest and highly-motivated students have equal access to education.
- Recognise the importance of delivering social justice by supporting and awarding students who study subjects addressing this issue.

*"At UNSW I learnt far more than the art of being a good civil engineer. UNSW taught me the need to consider the social context and develop appropriate solutions for every community in which I worked. In 1972, UNSW gave me something that no other university in Australia was giving their engineers back then – an appreciation of the human element in devising the most appropriate solution to each problem. I am grateful to UNSW as I was provided with a more complete education. That is why I am leaving a gift to the University in my Will."*

– Gaetano (Guy) Boncardo (BE'76 MEngSc'79)



# Thank you for sharing our vision

UNSW aspires to be Australia's global university, improving and transforming lives through excellence in research, outstanding education and a commitment to advancing a just society.

At UNSW, philanthropy is founded upon participation. We invite our supporters to join us on a journey to enact lasting change that is meaningful to them. You, the members of the Scientia Circle, are our most far-sighted and dedicated supporters, and we are enormously grateful to you. In many cases, the initiatives and opportunities you will experience this year would never have been realised without such gifts.

You only have to speak with our scholarship students, researchers and teaching staff to see the fundamental importance of this type of contribution on the lives of those associated with our University and the incredible far-reaching benefits of philanthropy. For considering an investment in our University, we say thank you.

**You can visit [www.unsw.edu.au](http://www.unsw.edu.au) to find out more about what we do.**

If you have any questions about the Scientia Circle or this Program of Events, or if you would like any further information, please contact us:



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