# First Year in Maths NSW

Theme (if there is one)

Wednesday 11 December 2019

Western Sydney University, Parramatta South campus\*

Building and room number

9:30-10:00	Registration, tea/coffee
10:00-11:00	Leanne Rylands
	Falling standards of Australian mathematics
11:00-11:20	Morning tea
11:20-11:50	Murray Elder
	Assumption versus expectation
11:50-12:20	Nahid Banihashemi
	Teaching maths concepts using storytelling and digital animation
12:20-12:50	Anthony Cronin
	Working with lecturers to improve their practice via mathematics sup-
	port centre data
12:50-1:50	Lunch
1:50-2:50	Talib Hashim
	Effective methods in teaching mathematical modelling for first year en-
	gineering students
2:50-3:20	Don Shearman
	Is there a dependence between the effectiveness of maths learning sup-
	port and students' mathematical background?
3:20-3:50	Anthony Cronin and Don Shearman
	Analysis using natural language processing of student feedback data
3:50-4:15	Afternoon tea
4:15-4:45	Jonathan Kress
	Assessment in first year mathematics
4:45-5:00	What's next?
5:45-late	Dinner (own cost): Thai Garden House Restaurant, 526 Church St,
	North Parramatta. Phone 02 9683 1288

\* The Parramatta South campus is on the corner of James Ruse Drive and Victoria Road.

This event is supported by the Centre for Research in Mathematics and Data Science and the Office of the Pro Vice-Chancellor (Learning Futures), Western Sydney University.

Uni logo

## Abstracts

### Invited talk

# Associate Professor Leanne Rylands (WSU, L.Rylands@westernsydney.edu.au) Falling standards of Australian mathematics

Many university mathematics educators complain about the poor mathematics skills and knowledge of their students. In this talk, I will talk about what mathematics students study at secondary school and related topics; then about some consequences for mathematics at university.

Other talks

Name (uni, email) Title One paragraph abstract.

Name (uni, email) Title One paragraph abstract.

Name (uni, email) Title One paragraph abstract.

# 1 Emails/Announcements

- A short thank you email was sent to all speakers the day after.
- Useful to place note on the University site next time.
- Internal promotion, just to make us look good.

## 1.1 Emails to registered

ALL using BCC

### 1.2 Invite emails

Sent to various internal and casuals, 15th June 2017. Email sent 13 June, BCC to all in our contact list.

First Year in Maths NSW (FYiMaths NSW), Thur 22 June 2017

Dear Colleagues, Western Sydney University is hosting a free First Year in Maths NSW (FYiMaths NSW) one day workshop on Thursday the 22nd of June, 2017 (apologies for writing Tue in my previous email). The theme for the day is

Mathematical cavities: what do we want our students to know, how do we know what they know and what they don't know, and how can we help them once we do know what they don't know? This includes bridging, pathways, diagnostic testing and support.

The day is for those involved in mathematics teaching at first year tertiary level and/or high school. We hope that the workshop will be NESA accredited.

Date: THURSDAY the 22nd of June, 2017

Time: 10am to 5pm (arrive 9:30 for tea, coffee and networking).

Venue: Western Sydney University, Parramatta South campus, Victoria Rd Rydlemere.

Presentations are invited from interested participants. Please indicate on the registration form if you would like to present. For scheduling purposes,

please let us know by June 17 if you would like to present and include a working title for your presentation.

Registration is free. Please register at: https://goo.gl/forms/u4ymfMADerRs4PxW2

A dinner will be held after at the Thai Garden House, 526 Church St, North Parramatta (dinner at your own cost).

If you have any queries please email Leanne (l.rylands@westernsydney.edu.au) or Don (D.Shearman@westernsydney.edu.au).

Regards Organisers.

Sponsored by the Learning Futures Portfolio and The Centre for Research in Mathematics, Western Sydney University.

5 June 2017: Emailed usual WSU suspects Emailed list. BCC

Subject: First Year in Maths NSW (FYiMaths NSW), 22 June 2017

Dear Colleagues, Western Sydney University is hosting a free First Year in Maths NSW (FYiMaths NSW) on workshop on Thursday the 22nd of June, 2017. The theme for the day is

Mathematical cavities: what do we want our students to know, how do we know what they what they don't know, and how can we help them once we do know what they don't know?

This includes bridging, pathways, diagnostic testing and support.

The day is for those involved in mathematics teaching at first year tertiary level an school. We hope that the workshop will be NESA accredited.

Date: Tuesday the 22nd of June, 2017

Time: 10am to 5pm (arrive 9:30 for tea, coffee and networking).

Venue: Western Sydney University, Parramatta South campus, Victoria Rd Rydlemere.

Presentations in line with the theme for the day are invited from interested particip Please indicate on the registration form if you would like to present. For schedulin please let us know by June 13 if you would like to present and include a working titl presentation.

Registration is free. Please register at: https://goo.gl/forms/u4ymfMADerRs4PxW2

A dinner will be held after at the Thai Garden House, 526 Church St, North Parramatta your own cost).

If you have any queries please email Leanne (l.rylands@westernsydney.edu.au) or Don (D.Shearman@westernsydney.edu.au).

Regards Leanne Rylands and Don Shearman.

Sponsored by Western Sydney University, Learning Futures Portfolio.

Date: Fri, 10 Nov 2017 02:54:17 +0000 From: Donald Shearman <D.Shearman@westernsydney.edu.au> To: Donald Shearman <D.Shearman@westernsydney.edu.au> Cc: Leanne Rylands <L.Rylands@westernsydney.edu.au> Subject: First Year in Maths NSW (FYiMaths NSW), Mon 11 December 2017

Dear Colleagues,

Western Sydney University is hosting a free First Year in Maths NSW (FYiMaths NSW) on Statistical Knowledge: How is the role of statistics changing in the first year curri The day is for those involved in mathematics teaching at first year tertiary level an Date: MONDAY the 11th of December, 2017

Time: 10am to 5pm (arrive 9:30 for tea, coffee and networking).

Venue: Western Sydney University, Parramatta South campus, Victoria Rd Rydalmere.

Presentations are invited from interested participants. Please indicate on the regist you would like to present. For scheduling purposes, please let us know by December 1 like to present and include a working title for your presentation. Presentations may theme of the day or other topics of interest to educators at the first year universit Registration is free. Please register at: https://goo.gl/forms/stxN7bhK5JfrLSNx1 [goo Please forward this invitation on to anyone else who you think may be interested in a If you have any queries please email Don(D.Shearman@westernsydney.edu.au).

Regards

Leanne Rylands and Don Shearman

Should have at bottom of emails "Sponsored by Western Sydney University, CRM and Learning Futures Portfolio."

### **1.3** Invited speakers

### **1.4** Acceptance of presentation and checking title/abstract

Subject: FYiMaths NSW presentation

Dear Many thanks for your offer of a presentation at FYiMaths on xxxxx; we accept it with We've given you 30 minutes, but that includes time for questions. The title I have for you is "xxxxxx". A short abstract of your talk would be great to have for the program. If you want to

Regards Leanne Rylands and Don Shearman