

CONSTAWA 33

Friday 17th
&
Saturday 18th
MAY
2013



Mazenod College
Gladys Road, Lesmurdie

Registration:

Register online at www.stawa.net Please note: Registrations do not include accommodation.

Registration	Member	Non-Member	Student/Labtech
Full Registration	\$280	\$335	\$280
Friday only	\$95	\$114	\$95
Saturday only (no dinner)	\$190	\$228	\$190
Dinner tickets	\$55	\$55	\$55

Please note that the FULL registration fee includes Friday night welcome & Friday events, including the Science Curriculum Leaders meeting, Saturday morning tea, lunch and Saturday Conference Dinner (plus pre drinks).




Any queries, email: admin@stawa.net or telephone: 9244 1987

Register online at: www.stawa.net



STAWA
SCIENCE TEACHERS' ASSOCIATION
OF WESTERN AUSTRALIA

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Program:	
Friday 17 May	
<i>4:30pm - 5:30pm</i>	Registration at Mazenod College
<i>4:30pm</i>	Welcome drinks and finger food
<i>5:30pm</i>	<p>Keynote Address: Professor Lyn Beazley, AO FTSE, Chief Scientist of Western Australia Keynote Speech: Friday 17th May, 5:30pm</p> 
	A Century of Australian Science
<i>6:30pm - 8:30pm</i>	BBQ Dinner
<i>7:30pm</i>	Spectacular Science Demonstrations with Prof Bunsen - Carl Ahlers
<i>8:30pm</i>	Telescopes Viewing our night sky: Chat and look up
Saturday 18 May	
<i>8:00am</i>	Registration at Mazenod College
<i>8:30am - 9:30am</i>	<p>Keynote Address 2: Dr Ian MacLoud, Fremantle Maritime Museum Keynote Speech: Saturday 18th May, 8:30am</p> 
<i>9:35am - 10:35am</i>	A choice of three invited lectures from young WA Scientists
<i>10:45am</i>	Morning tea in subject areas
<i>11:30am - 12:15pm</i>	Session A
<i>12:20pm - 1:10pm</i>	Session B
<i>1:10pm</i>	Lunch
<i>2:00pm - 2:45pm</i>	Session C
<i>2:50pm - 3:35pm</i>	Session D
<i>3:35pm</i>	Afternoon tea in networks
<i>4:15pm - 5:00pm</i>	Session E – You show me yours
<i>5:05pm - 5:30pm</i>	Plenary followed by sundowner
<i>6:00pm - 10:00pm</i>	<p>Dinner 3 course sit down meal Speaker: Michael Graffin</p> 

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CONFERENCE WORKSHOP PROGRAM: Saturday 18th May

8:30 - 9:30am	Keynote 2: Dr Ian MacLoud: Fremantle Maritime Museum	
9:35 - 10:35am	Keynote 3A: Small Particles for Big Problems: Multifunctional Nanoparticles and Their Role in Drug Delivery - Tristan Clemons: UWA	
9:35 - 10:35am	Keynote 3B: Taking a bite out of fiction - Ryan Kemster: UWA	
9:35 - 10:35am	Keynote 3C: Training Perception to decrease ACL injury risk in Football - Stephen Tidman: UWA	
10:45 - 11:30am	Morning Tea	
	WORKSHOPS	
11:30am - 12:15pm	A1: Engaging Experiments	A1
11:30am - 12:15pm	A2: Forces for Yr 7/8	A2
11:30am - 12:15pm	A3: Where are we with implementing the AC?	A3
11:30am - 1:10pm	AB1: 21st Century Technology with the Australian Curriculum	AB1
11:30am - 1:10pm	AB2: Earth Science - Get Out Into The Field	AB2
11:30am - 1:10pm	AB3: Tectonics and Cycles - The Fun Way!	AB3
11:30am - 1:10pm	AB4: ASTA_online	AB4
11:30am - 1:10pm	AB5: Water Filter and Construction Activities	AB5
11:30am - 1:10pm	AB6: Mixing Science, IT and Alternative Energy	AB6
11:30am - 1:10pm	AB7: Marine WATERS and the science of fisheries and marine management	AB7
11:45am - 12:30pm	AB Session already chosen in Session A Choices.	AB
12:20pm - 1:10pm	B1: Cyclones - Modelling Climate Change	B1
12:20pm - 1:10pm	B2: The SPIRIT Telescope Initiative	B2
12:20pm - 1:10pm	B3: Subways, drugs and heavy metal - adventures in chemistry	B3
1:10pm - 2:00pm	Lunch	
2:00pm - 2:45pm	C1: The Latest from SPICE	C1
2:00pm - 2:45pm	C2: Western Australian science teachers' and students' perspectives of climate change	C2
2:00pm - 2:45pm	C3: Mildew Mania - a citizen science program for schools	C3
2:00pm - 3:35pm	CD1: Start your own Moodle	CD1
2:00pm - 3:35pm	CD2: Physics and Chemistry Experiments for the Classroom	CD2
2:00pm - 3:35pm	CD3: Rocks for Year 8 Australian Curriculum	CD3
2:00pm - 3:35pm	CD4: Model Rockets	CD4
2:00pm - 3:35pm	CD5: WAIMR Bio-Discovery Lab - Program Trial	CD5
2:00pm - 3:35pm	CD6: Using ipads, androids, ultrabooks - even netbook in your science classroom	CD6
2:00pm - 3:35pm	CD7: Using argumentation to make informed decisions about socioscientific issues in biology	CD7
2:00pm - 3:35pm	CD8: Geocaching Treasure Hunt	CD8
2:50pm - 3:35pm	D1: Bring your science lessons to life with technology	D1
2:50pm - 3:35pm	D2: Adaptations - Physiological and behavioural	D2
2:50pm - 3:35pm	D3: MICROBLITZ Project	D3
3:35pm - 4:15pm	Afternoon Tea	
4:15pm - 5:00pm	E1: You show me yours	E1
4:15pm - 5:00pm	E2: Genetic Testing - BRAC1 - up close and personal	E2
5:05pm - 5:30pm	Plenary	
5:30pm - 6:00pm	Sundowner/Pre-dinner Drinks	
6:00pm - 10:00pm	Conference Dinner with Guest Speaker Michael Graffin	

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Science Curriculum Leaders' Day

The purpose of the Science Curriculum Leaders' Day is to provide science teachers and curriculum leaders an opportunity to be informed, to discuss and to provide feedback on the draft WACE 2016 Senior Secondary Science Courses.

Date: Friday 17th May 2013

Time: 12:30pm - 4:30pm

Location: Mazenod College, Gladys Rd, Lesmurdie

Member	Non-Member
\$95	\$114

If you register for the Science Curriculum Leaders' Day the CONSTAWA Friday program is complementary. The CONSTAWA conference continues into Saturday 18 May concluding with a conference dinner Saturday evening. Participation in the Leaders' Day is inclusive for CONSTAWA, Full and Friday registrations.

AGENDA

12:00pm - 12:30pm	Light Lunch (Trade displays available from 11:30am)
12:30pm - 1:30pm	<p>Emeritus Professor Patrick Garnett - Chair of the Board, The School Curriculum and Standards Authority (SCSA)</p> <ul style="list-style-type: none"> • Science and technology education in WA - key messages. • WA science courses the positives. • Refinements to the Year 11 and Year 12 Courses: The reasons. • The Australian Curriculum - Timeline for redevelopment of courses • Assessment <p>SCSA Key Science Staff</p> <ul style="list-style-type: none"> • Key differences between current Stage 2 and Stage 3 courses and new national courses. • Work of expanded Course Advisory Committees • The purpose of workshop session
2:00pm - 2:30pm	Afternoon Tea (Trade Displays)
2:30pm - 4:00pm	<p>Workshops</p> <p>Biology, Chemistry, Physics, Earth and Environmental Science: break-out groups working to structured questions and lead by the CAC chair and/or committee members. The structured questions will be developed from the work done by the extended CAC panels.</p>
4:00pm - 4:30pm	Plenary session
4:30pm - 5:30pm	Afternoon Coffee, drinks and finger food (Trade Displays)
5:30pm - 6:30pm	CONSTAWA, Keynote Pro Lyn Beazley "A Century of Australian Science"

