Dear NSW RACI readers

Below are this week’s announcements from the RACI NSW Branch, a summary is given and then scroll down for the full text.

HAVE YOUR SAY ON THE PROPOSED CONSTITUTION AND BY-LAW CHANGES If you are unable to attend the AGM but wish to vote either for or against the amendments please send a proxy vote to the Honorary General Secretary, RACI National Office, 21 Vale Street North Melbourne, VIC 3051, by close of business on Friday, 28 November. The 'Appointment of Proxy – General' form is Schedule A2 of the By-laws and is available on the RACI website, www.raci.org.au <http://www.raci.org.au/> under downloads.

SamplePrep ’08: On behalf of the Royal Australian Chemical Institute, NSW Analytical Chemistry Group, it gives us great pleasure to invite you to attend SamplePrep ‘08 to be held in Sydney on October 14, 2008. IT IS NOT TOO LATE TO REGISTER

WSS 2008 Honours Prize presentation evening and Careers Night. When: Tuesday 14th October 2008 Venue: University of Western Sydney Campbelltown Campus (Building 22, Conference Room 5)

Chemists in the Biochemistry and Biotech Sectors Dinner Many of our 1400 NSW RACI members work within the Biotech sector, or have an interest in this ever expanding industry. The branch is holding a dinner Wednesday October 22, which will bring together our members who have such an interest in this industry for an enjoyable and interesting evening. (read page three for full details)

Attending the 16th R&D Topics Student Conference? The RACI NSW Branch Invites RACI Student Members From NSW Universities To Apply For A Travel Bursary to present a paper at the 16th Annual RACI analytical and environmental divisions R&D Topics conference to be held from the 6th to 9th of December at Macquarie University (Located in Sydney). See page 6 for more details

13th Annual RACI vs ASCC Golf Challenge 2008 at CARNARVON GOLF CLUB Nottinghill Road LIDCOMBE Wed 22nd Oct

Position Vacant Postdoctoral researcher Employer: Charles Sturt University Location: Wagga Wagga, NSW Description: We have a 5 month position (Jan-June 2009) for a post-doctoral researcher exploring phenolic chemistry and the urinary metabolome. See page 8 for more details

Website of the Week: This week we look at The 2008 Nobel Prize for Chemistry
Upcoming RACI Conferences and Symposiums As evidenced by the lengthy E News’ of late there is an awful lot going on at the moment. This article summarises all the upcoming conferences and symposia

Missed an edition of our weekly E-News? We now have an archive of old editions! Please see http://www.chem.unsw.edu.au/RACI/News.html

Its here!!! The New 2008/2009 Entertainment Book has arrived: This book has been an important fundraiser for our branch the last few years. Purchase your brand new 2008/2009 Entertainment™ Book now

Important Dates in Chemistry’s History Oct 10-16 We will celebrate a number of birthdays of notable chemists – such as the chemist who discovered hydrogen. We also remember the first use of Ether as an anaesthetic in hospital

Please scroll down for further details.....
HAVE YOUR SAY ON THE PROPOSED CONSTITUTION AND BY-LAW CHANGES

If you are unable to attend the AGM but wish to vote either for or against the amendments please send a proxy vote to the Honorary General Secretary, RACI National Office, 21 Vale Street North Melbourne, VIC 3051, by close of business on Friday, 28 November.


SamplePrep2008- 14th October 2008

Following the success of Chromatography 2006, the NSW Analytical Group is holding a one day seminar on sample preparation techniques for chromatography with speakers from Government, University and suppliers.

CSIRO Lehany Theatre, Lindfield Sydney

Website: http://www.raci.org.au/national/events/SamplePrep08d.pdf

IT IS NOT TOO LATE TO REGISTER!!

(Registration Form Next Page)
REGISTRATION & TAX INVOICE

Enquiries for further information & Payment/Registrations:
Edwina Hine (02) 9663 4960 RACINSW@chem.unsw.edu.au
Clarrie Ng (02) 9874 1055 clarrieng@optusnet.com.au

Registrations can be faxed on (02) 9385 6141

I/We wish to register for the RACI Seminar:

“Sample Prep 2008”
to be held at the Lehany Theatre, National Measurement Institute,
Bradfield Rd, Lindfield NSW 2070
Tuesday 14th October 2008

REGISTRATION COSTS (GST EXEMPT):

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ADDRESS: __________________________________________________________________
____________________________________ Postcode________

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☐Cheque ☐MasterCard ☐Visa

Cardholder Name: ________________________________

Card Number: _____________________________

Expiry Date: ________/________   Signature of cardholder: _____________________________

Or

Please forward your cheque in Australian Dollars payable to Royal Australian Chemical Institute Inc, along with this completed form to Sample Prep 2008, RACI (NSW), School of Chemistry UNSW Sydney 2052.
The RACI WSS would like to acknowledge the extremely high standard of the many entries received for the 2008 Honours Prize. To do this, we have arranged 3 of the talented young chemists to give short presentations on their Honours projects.

In addition, the evening will conclude with some valuable career and job preparation advice for new chemistry graduates. This will be presented by a representative from Techstaff, a specialist recruitment company.

When: Tuesday 14th October 2008
Venue: University of Western Sydney
Campbelltown Campus
(Building 22, Conference Room 5)

Programme:

5.30 Wine & Cheese

6.00 RACI WSS Honours Prize Presentations
Andrew McLeod, University of Sydney – Vanadium metabolism in the treatment of diabetes
James Hennell, University of Western Sydney – Analysis of Anthocyanidins in Bilberry
Anwen Krause-Heuer, Uni. of Western Sydney – Encapsulated Pt(II) Anti-cancer Drugs

7.00 Careers advice for new chemistry graduates
Ms Melanie Wilson (NSW Manager, Techstaff)

7.20 Questions & Discussion
7.30 Close

Dinner at Local Restaurant. All Welcome (own expense)

For additional information please contact:

Dr Gary Bowman Tel. 9857 – 2372
Email: gary.bowman@reckittbenckiser.com
Chemists in the Biochemistry and Biotech Sectors Dinner

Many of our 1400 NSW RACI members work within the Biotech sector, or have an interest in this ever expanding industry. The branch is holding a dinner Wednesday October 22, which will bring together our members who have such an interest in this industry for an enjoyable and interesting evening.

When: Wed Oct 22 start 7pm
Where: Yak and Yeti Nepalese Restaurant 41 Glebe Point Rd Glebe.
Cost: $35 – RACI members and their partners, $40 non members (Three course Nepalese Banquet including Soft Drink, Beer and Wine)
To reserve your place email (racinsw@chem.unsw.edu.au)

Attending the 16th R&D Topics Student Conference?

The RACI NSW Branch Invites RACI Student Members From NSW Universities To Apply For A Travel Bursary to present a paper at the 16th Annual RACI analytical and environmental divisions R&D Topics conference to be held from the 6th to 9th of December at Macquarie University (Located in Sydney).

R&D Topics brings together postgraduate students from Australia and New Zealand in a relaxed environment to present research specialising in analytical and/or environmental chemistry. Applications should include an abstract of the paper to be presented (up to one A4 page) and a letter of support written by the academic supervisor outlining how attendance at the conference would benefit the student’s chemistry career. Send applications to:

RACI NSW office:
The School of Chemistry
UNSW
Sydney, 2052

Or racinsw@chem.unsw.edu.au Applications need to be in by Friday 7th November 2008 (Students particularly from regional areas of NSW are encouraged to apply: eg Wollongong, Wagga, Albury, Newcastle, Lismore, Dubbo, Armidale)
MGK ASIA-PACIFIC Pty. Ltd.
presents the
13th Annual RACI vs ASCC Golf Challenge 2008
at CARNARVON GOLF CLUB
Nottingham Road LIDCOMBE

Wednesday 22nd October 2008

Program
11 am
Registration, Snack & Putting Competition.
11.30 am
Tee – Off (Times will be advised)
5 pm
Golf and Dinner
6 pm
Dinner & Presentation

Bookings:
Edwina Hine Tel. (02) 9663 4960
RACINSW@chem.unsw.edu.au

Fees: (include GST)
Golf only (includes snack & drinks) $75
$100
Dinner only (includes drinks) $60

Enquiries Gary Bowman Tel. (02) 9857-2372
gary.bowman@reckittbenckiser.com

Associate Sponsors

Registration: (Any number of players can register- groups will be assigned. Please indicate if you have a preference for partners)

Names: ........................................ E-mail: .......................................................... Golf □ Dinner □ Amount $...........
Names: ........................................ E-mail: .......................................................... Golf □ Dinner □ Amount $...........
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Total $ ..................

Payments by 15 October 2008:

☐ I wish to pay by cheque (payable to RACI NSW) or
Please debit my credit card ☐ Visa ☐ MasterCard ☐ American Express

Card number: _______ _______ _______ _______ Expiry date ___/___ Amount $________

SEND TO: Edwina Hine; RACI NSW Branch, School of Chem. UNSW Sydney NSW 2052
RACINSW@chem.unsw.edu.au Tel. (02) 9663 4960 or Fax. (02) 9385 6141
Position Vacant

Post doctoral researcher
Employer: Charles Sturt University
Location: Wagga Wagga, NSW

Description: We have a 5 month position (Jan-June 2009) for a post-doctoral researcher exploring phenolic chemistry and the urinary metabolome. Analytical methods will include HPLC-DAD, LC-MS and UPLC. Results will be published, and subject to funding, the position may be extended. The applicant must have a strong background in chromatography, and an understanding of phenolic chemistry is desirable. Expressions of interest and questions regarding the position should be directed to Professor Kevin Robards.

K Robards
School of Agricultural and Wine Sciences
Charles Sturt University
Locked Bag 588
Wagga Wagga NSW 2678
krobards@csu.edu.au
Phone: 02 69332547

Website of the Week

The 2008 Nobel Prize for Chemistry

Interested in who won the coveted prize this year, and the work carried out in their research. The supplied website provides links to all this information
Upcoming Conferences and Symposiums

23rd RACI Organic Division Conference, ORGANIC 08, Hobart, Tasmania 7 – 12 December 2008
Register online at http://www.organic08.org/

ACROSS Symposium on Advances in Separation Science

The key dates for the conference
- 17th of October 2008: Abstract Deadline for Oral and Poster Presentations
- 31st of October 2008: Notification of abstract acceptance and finalisation of the program
- 14th of November 2008: Deadline for Early Registration
- 8th of December 2008: Opening of the Symposium

16th RACI R&D Topics Student Conference. This year it is being held again in NSW! Macquarie University Saturday, December 6 - Tuesday, December 9

RACI Electrochemistry Symposium: New materials and New Methods in Electrochemistry Nov 27-28 @ UNSW

NSW RACI Organic Symposium 2008 Location: School of Chemistry, University of Sydney, NSW 2006 Date: Wednesday December 3rd

ChemEd 08 Notre Dame University, Fremantle, Western Australia Final Registration: Closes 21 November 2008
http://www.raci-chemed08.org

30 APS - 30th Australasian Polymer Symposium The Albert Park Sebel Hotel, Melbourne, Victoria http://www.30aps.org.au
**Important Dates in Chemistry’s History Oct 10-16**

10

b. 1731 Henry Cavendish discovered hydrogen (H, 1) 1766; synthesized water; independent discoverer of nitrogen.
  ➢ Ernest O. Lawrence invented the cyclotron, 1930.

11

b. 1884 Frederich Bergius, researched chemical reactions at high pressure, conversion of coal into oil, hydrolysis of wood to sugar and cattle feed; Nobel Prize (1931) with Carl Bosch in recognition of their contributions to the invention and development of chemical high pressure methods. (1884-1949)

12

b. 1827 J. P. Cooke, first to use laboratory instruction in undergraduate (Harvard University) course.
b. 1865 Vladimir A. Kistiakowsky, researcher in electrochemistry and thermodynamics.
b. 1865 Arthur Harden, researcher on enzymes & fermentation; demonstrated structure of zymase; Nobel Prize (1929) with Hans Euler-Chelpin for their investigations on the fermentation of sugar and fermentative enzymes.

13
  ➢ GM incorporated, 1916.

14

b. 1840 Friederich W. G. Kohlrausch, researcher on electrical conductivity, dilution of strong electrolytes & conductivity (Kohlrausch's equation).
b. 1898 John M. Gulland, research on DNA, electromeric titration to prove existence of hydrogen bonds, titration of phosphoric acid.
  ➢ Jacobus H. Van't Hoff presented law showing that osmotic pressure of a dilute solution obeys Boyle's, Charles's & Avogadro's Laws, & that pV = RT before Swedish Academy of Sciences, 1886

15

b. 1608 Evangelista Torricelli, first man to create sustained vacuum; discovered principle of barometer.

16

b. 1875 Henry C. Sherman, researcher on assay methods and functions of vitamins.
  ➢ William T. G. Morton demonstrated use of ether as anesthetic at Massachusetts General Hospital, 1846.

Ref: Monthly Historical Events In Chemistry by Leopold May, The Catholic University of America
http://faculty.cua.edu/may/Chemistrycalendar.htm