



NEWSLETTER

Qld Branch ~
August 2020

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It's time to renew your membership.

Take advantage of the new monthly membership instalment plan with a 10% introductory discount offer



With the launch of your new website, we're pleased to offer a new monthly instalment RACI membership payment option with a 10% introductory discount. You can now choose to either pay your annual membership monthly or in full. Log in to the new member section of the website to take advantage of this offer.

Chemistry World – Free Access until 31 December 2020

Limited RACI Member Offer

Free online access to Chemistry World magazine until 31 Dec 2020 thanks to the Royal Society of Chemistry. Click here to register your free account.



Qld Polymer Group Seminar – Prof Krzysztof Matyjaszewski, J.C. Warner University Professor of Natural Sciences, Carnegie Mellon University, Pittsburg, USA Thursday 13 August 2020, 9.00am – 10.30am

Register here: https://raci.org.au/RACI/Web/Event_Display.aspx?EventKey=QPG1069

Join the RACI Qld Polymer Group's fifth seminar for 2020. Presented by Prof Krzysztof Matyjaszewski, J.C. Warner University Professor of Natural Sciences, Carnegie Mellon University, Pittsburg, USA, this event runs from 9.00am - 10.30am (Brisbane time) on Thursday 13 August 2020. The Zoom link will be sent to you on Wednesday 12 August 2020.

Title: ATRP: Not under quarantine

Abstract: Recent progress in various areas of ATRP will be discussed. This will include new preparative techniques as well as characterization of materials synthesized by ATRP.

Bio: Krzysztof (Kris) Matyjaszewski received his Ph.D. in Polish Academy of Sciences in 1976. Since 1985 he is J.C. Warner University Professor of Natural Sciences at Carnegie Mellon University. In 1994 he discovered Cu-mediated atom transfer radical polymerization, commercialized in 2004 in US, Japan and Europe to prepare various advanced materials. His research is focused on synthesis of well-defined macromolecules and hybrid materials via living and controlled polymerizations using radical, and ionic mechanisms to prepare advanced materials for optoelectronic, biomedical, environmental and energy-related applications. He has co-authored >1,100 publications, co-edited >24 books, and holds 62 US patents. He is the editor of Progress in Polymer Science. He is a member of National Academy of Engineering, National Academy of Sciences, National Academy of Inventors as well as Australian, Polish and Russian Academies of Sciences. He received 2017 Franklin Medal in Chemistry, 2015 Dreyfus Prize in Chemical Sciences, 2011 Wolf Prize in Chemistry, 2009 Presidential Green Chemistry Challenge Award, ACS Awards in: Chemistry of Materials (2019), Applied Polymer Science (2011) and Polymer Chemistry (2002) as well as eleven honorary degrees.

RACI Mentoring Program 2021 – Applications Are Now Open

Register here:

https://raci.org.au/RACI/Web/Event_Display.aspx?EventKey=MNT1060

Applications are now open for the 2021 Mentoring Program which runs for the 2021 calendar year. Applications close 30 September 2020. The cost of the program is \$150. For the first time, the program is available Australia-wide.

Want to benefit from the advice and guidance of a highly experienced mentor?

Our Mentoring Program offers students and early career chemists a wonderful opportunity to gain unique knowledge and insights from industry experts, and develop their careers. The response from mentors and mentees is overwhelmingly positive to the program, with both benefiting from the experience. This is reflected in the fact that in the last few years, 80% of our students have found a job within one month of graduation. The RACI has up to 60 spaces available nationally in the 2021 Mentoring Program for students and early career chemists keen to develop industrial / commercial, research or government careers (academic career paths are already very well catered to).

The program involves:

- Regular guidance and support (every few weeks), typically via calls and occasional casual meetings.
- Support in developing professional networks, as example through facilitated networking (the mentor generally introducing the mentees to RACI contacts and helping involve the young scientists in conversations at RACI events).
- Career support & advice.
- Advice and support throughout the process of finding a job.

Mentoring is very much a two-way process. To be of full value, the mentee has to be an active participant. As guidance, the ideal mentee will:

- Be energetic and enthusiastic
- Be more oriented to an industrial / commercial or government career rather than academia
- Actively participate in the mentoring process (approx. 2-3 hours per month)
- Participate in occasional networking events

Eligibility Criteria

This program is open to all RACI members and student members. You can be a TAFE, undergrad or postgrad student, or an Early Career Chemist in the first 3 years of your career.

Further details regarding how the Mentoring Program can benefit Students, International Students and Early Career Chemists can be found on the RACI website at the link above.

Do you want to become a mentor?

Current RACI members can volunteer to participate as a mentor. If you would like to express your interest in becoming a mentor, please email the Mentoring Team: mentoring@raci.org.au.

RACI Career Development Program Webinar 6 – 2020 Choosing a Career Path Thursday 13 August 2020, 6.30pm AEST

CAREER DEVELOPMENT
Royal Australian Chemical Institute



Register here:

https://raci.org.au/RACI/Web/Event_Display.aspx?EventKey=MNT1053

Join the free Career Development Program (CDP) Choosing A Career Path webinar.

Gaining a degree is the first step in launching a career. Where to next after your degree? In this free Careers Development Program webinar, our panel of professionals will share their own career paths, experiences, and what they have learned.

In this webinar, a panel of professionals with chemistry-related degrees will discuss their own career paths, experiences, and what they have learned. This webinar is free, and everyone is welcome. Participants will have the opportunity to ask their own questions.

RACI Career Development Program

The Royal Australian Chemical Institute Career Development Program offers students and early career chemists a chance to get a head start in their careers in chemistry through a number of workshops, lectures and networking events throughout the year.

Last month the RACI CDP hosted a What I Wish I Knew at the Start of My Career event. Featuring representatives from the sponsors, Leanne Harris from LCU, Mary Smal from Mary Smal Consultancy, David Springer, Commercial Manager for Envirolab Group and Dave Sammut from DCS Technical together with Brian Krieger of Workplace Health & Safety QLD, the questions covered many different topics including how to build a career during a recession, how to gain work experience and the importance of, and suggestions on how to, network. The panelists have had travelled varied career paths and this experience showed in their detailed answers and different perspectives. If you missed this webinar it will be available on the RACI website shortly.

Are You Hiring?

If you know of any suitable jobs for recent graduates or students please let us know as we have a wide pool of people that are keen to hear of all opportunities out there.

If you would like more information on the Mentoring Program, or to join the Career Development Program mailing list, please email mentoring@raci.org.au.

QLD Early Career Chemists – Careers Seminar Friday 28 August 2020 from 5.00pm

Register here: https://raci.org.au/RACI/Web/Event_Display.aspx?EventKey=QYG1074

Join the QLD Early Career Chemists (formerly Young Chemists Group) for their annual Careers Event to be held on Friday 28 August 2020.

Further details are coming soon and will be found on the registration link above.

Qld Chem Ed School Events 2020 – updated 1 August 2020

The launch of the new RACI website has meant that many of the links originally published have now changed. Updated links are below. Please accept my sincere apologies. Pam Chantrell, QLD Regional Coordinator.

Crystal Growing Competition – Deadline extended until the end of Term 3

- More information can be found here: https://raci.org.au/RACI/Web/Event_Display.aspx?EventKey=QCG990
All students to enter the competition separate from their school at home with or without input from their school
- They can grow crystals on their own at home, individually as part of a science club, or even with their friends from their same school or different schools.

Titration Competition – Deadline extended until the end of Term 3

More information can be found here: <https://www.ivvy.com.au/event/991QTC/>

Videos demonstrating how to carry out Titration are available from https://raci.org.au/RACI/Schools/Schools-Initiatives/Titration/Web/Schools/Titration_Competition.aspx?hkey=35783795-cd7c-453a-b12d-cc6c17c250cc

under “Tips To Improve Your Titration Skills”.

- There is the facility to enter the competition from your own school when schools re-open.
- This opportunity is for ALL schools across Queensland.
- Schools are invited to enter teams from Grades 10, 11 and 12 in the Queensland Regional Titration Competition.
- The aim of the competition is to encourage students who enjoy Chemistry - especially practical Chemistry - and to recognise those who are becoming proficient. Entrants compete in teams of three (3). Individual students may also compete, but they will not be eligible for the National Finals.

Titration Challenge

More information can be found here: <https://www.ivvy.com.au/event/NCA18920/>

The RACI invites Chemistry Teachers and Laboratory Technicians **in both the secondary and tertiary spheres** to take part.

- Teachers and Laboratory Technicians will participate as individuals rather than in teams and is not competitive. You do the analysis in your own time at your school.
- This is also an opportunity for you to encourage and mentor lesser experienced / new graduate chemistry teachers and laboratory technicians at your school to develop their titration skills in their own school laboratory environment.
- If you select to enter, you will have until 3pm on Friday 27 September 2020 to complete your analysis and submit your answer to the Australian National Titration Coordinator - Elaine Bergmann FRACI CChem

O'Donnell Lecture – Plastic Fantastic! Or not so Fantastic? by Nathan Boase, QUT

The O'Donnell Lecture is on hold for 2020 pending the re-opening of schools and the lifting of travel restrictions. Schools can register an expression of interest to host the lecture, but dates will not be confirmed yet.

Plastics are everywhere in the news at the moment, with society trying to fight the war on waste. But what exactly are plastics? What are they made up of? Why were they so popular in the late 20th century? This lecture will focus on the molecules that make up plastics, called polymers, and will use demonstrations and examples to answer key questions. How the chemical structure of polymers create the unique properties that have been favoured for so long? Why polymers can create problems for waste management? What else can polymers be used for other than straws and sandwich wrappers? We will also look to the future of polymers and plastics and the role they will play far into the 21st century.

Dr Nathan Boase is a Lecturer at QUT, where he both researches and teaches Chemistry. He is a multidisciplinary researcher, using his foundation in chemistry to work at the intersection with materials science and biology. He is currently researching how polymers and light can be used together to treat infections and other diseases. He completed his PhD in Chemistry (2015) and his Bachelor of Science (2010) at the University of Queensland. In 2019 he was selected as one of 29 CAS Future Leaders from around the world. Beyond teaching and research, Nathan has a strong commitment to scientific outreach, sharing his love for science with students and the public through the RACI and as an ATSE Young Science Ambassador (2011).

Australian National Science Quiz (ANCQ)

More information can be found here: <https://racichemedcentral.com.au/ancq>

The ANCQ has been cancelled for 2020 due to COVID-19.

RACI QLD Branch Committee Call For Nominations 2021

Notice of the 2020 RACI Queensland Branch Annual General Meeting

The RACI Qld Branch AGM is being held on **Tuesday 3 November 2020**, time and location TBC

Nominations are now being called for the Office Bearers and Committee Members for the 2021 Qld Branch Committee.

Note: Some of the current Office Bearers and Committee Members are eligible for re-election.

BRANCH AGM, ELECTIONS AND ADMINISTRATION ARE OUTLINED IN BY-LAWS 18 – 26

Branch President	Joanne Blanchfield MRACI CChem has completed the entire two (2) years of her Branch Presidency (Elect) and automatically becomes the Branch President for the first (1) year of her two (2) year term
Immediate Past President	John McMurtrie FRACI CChem has completed the entire two (2) years of his Branch Presidency and automatically becomes the Immediate Past President for the first (1) year of his two (2) year term
Branch President Elect	Call for nominations
Honorary Branch Secretary	Call for nominations Current Office Bearer – Dr Ashley Tronoff MRACI CChem is eligible for re-election
Honorary Branch Treasurer	Call for nominations Current Office Bearer – Dr Nicholas Fletcher MRACI is eligible for re-election
2020 Committee Members	Call for nominations
In addition, Note: (By-Law 19.4)	In so far as is possible all Branch Groups and Sections (defined in By-law 26) shall be represented at Branch Committee meetings. The representatives will be the Chairs, or their nominees, of the Groups or Sections of the Branch (according to the provisions in By-law 26.6), and will have voting rights in all affairs dealing with Group and Section matters.

NOMINATIONS FOR 2021 RACI QLD BRANCH COMMITTEE

Nominations close on Monday 26 October 2020

Please forward completed nomination forms to the Qld Branch Office qld-raci@raci.org.au

1)	
Fellow / Chartered Member / Member (Please Circle)	Member No.
And	
2)	
Fellow / Chartered Member / Member (Please Circle)	Member No.
Hereby Nominate	
For the Office, of	
I Consent to this nomination (Signature of Nominee)	
Fellow / Chartered Member / Member (Please Circle)	Member No.



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RACI Events – What Events Do YOU Want to Attend?

Events can be found here: <https://www.raci.org.au/events/>

Due to restrictions caused by COVID-19 all RACI events have gone on-line and most have been opened up for all members Australia-wide.

All events are advertised on the RACI Events Calendar (link is above).

Check out Events Bulletins and other RACI Marketing tools for newly advertised events.

Contact the RACI QLD Branch

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