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## Focus Newsletter - November 2021 Edition

### ACPSEM Annual Report: 2020-2021



We are pleased to announce that our Annual Report for the 2020 - 2021 Financial Year is now available.

The Report features updates and reflections from the ACPSEM President, CEO and our Branch Chairs.

[Read it now](#)

### Careers

#### Building a successful career series



#### Introducing Dr Tomas Kron!

Tomas Kron is Director of Physical Sciences at Peter MacCallum Cancer Centre in Melbourne. Tomas is passionate about clinical trials as a means to show that technology and techniques can make a

difference in the cancer journey of patients. He also still marvels at the fact that medical physics has no borders and connecting with colleagues all over the world has been one of the perks and privileges of the job. [Read more](#)

#### Vacancies

##### Senior Radiation Oncology Medical Physicist

Austin Ballarat Radiation Oncology Centre, Ballarat, VIC | Closing: 30 Nov

##### Medical Physicist Fixed Term

Auckland City Hospital, Auckland, NZ | Closing: 2 Dec

##### Radiation Oncology Medical Physics Specialist

NT Radiation Oncology (NTRO), Darwin, NT | Closing: 8 Dec

##### Senior Medical Physics Specialist

Fiona Stanley Hospital, Murdoch, WA | Closing: 10 Dec

##### Medical Physicist

AlphaXRT, Sydney, NSW | Closing: 10 Dec

##### Senior Medical Physics Specialist

The Wesley Medical Centre, Brisbane, QLD | Closing: 12 Dec

##### Ionising Radiation Hazard Manager

Department of Defence, Canberra, ACT | Closing: 16 Dec

[Medical Physicist, Radiation Oncology](#)  
Palmerston North |

[Medical Physics Specialist](#)  
GenesisCare, Sydney Region, NSW |

All current vacancies can be found [here](#).

## News and College Updates

To keep up-to-date on College news and updates, please visit [our news section](#).

### Farewell Susie Zhong

After 6 years with ACPSEM, Susie left us in October to take on a new challenge as Company Secretary of the Independent Liquor Group. Most, if not all, of you would have had the pleasure of dealing with Susie throughout her tenure at ACPSEM. Her departure is bittersweet.

Susie deserved a national send-off, but unfortunately her farewell was restricted to a small dinner with some of our Sydney-based team.

We could write thousands of words in tribute to Susie: her warmth, affability, dedication and service to the College, Board, Members, and Profession, but we'll refrain. We think Sharon summed it up best in her farewell toast: "The saying goes that 'no one is indispensable' but, Susie, you come pretty close". Farewell, thank you and all the very best, Susie



Pictured: Susie and Sharon at Susie's farewell dinner

### AGM 2021

Virtual Meeting at 12pm (AEDT) on **Thursday 2 December**.

Notice of the 2021 Annual General Meeting of the ACPSEM was sent to all members on 10 Nov, 2021. Thank you to those who registered for to attend.

Access details for the virtual meeting will be sent to those who have registered this afternoon (Friday, 26th Nov).

All Voting Members should familiarize themselves with **Resolution 1** (Amendments to the Constitution) and **Resolution 2** (Schedule of Transitional Arrangements). [Read more](#).

If you missed the registration deadline, but would still like to attend, please email [membership@acpsem.org.au](mailto:membership@acpsem.org.au)

### New ACPSEM CPD Framework for 2022-2024

As all ACPSEM-registered physicists and scientists should already be aware, the first triennium (2019-2021) of the ACPSEM's time-based QMPS registration system is fast coming to an end.

With the start of the new CPD triennium in January 2022 will come a new CPD framework supported by a redeveloped CPD tracker tool (a relief to many, we're sure!). The CPD Committee and staff have worked exceptionally hard to develop and deliver the new framework in time for use next year.

Keep an eye out for emails and social media posts with updates on this process!



CPD Co-ordinator, Tania Powell, hosted a College webinar on 25 Nov to introduce the new framework and tracking system. Couldn't make it? No problem! We'll be posting the recording to our website soon. We'll email all members once it's up so keep an eye out!

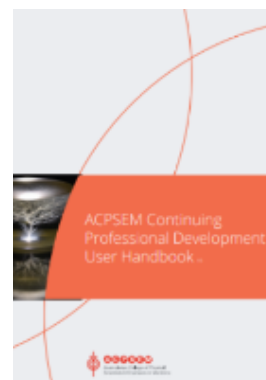
### New CPD User Handbook

The CPD User Handbook for the new CPD triennium, commencing in 2022, is now available.

The new CPD Framework outline in the Handbook has 3 core CPD categories:

1. Undertaking Educational Activities
2. Reviewing Performance
3. Measuring Outcomes

[Read more](#)



### Scheduled CPD Tracker System Downtime

The ACPSEM CPD Tracker as it currently stands will be unavailable from the **22nd December 2021** until the **4th January 2022** (inclusive). This downtime has been scheduled to allow for a smooth transition to the new CPD Program commencing in 2022.

The new CPD tracker will be available from **5th January**. [Read more](#)



### 2022 ACPSEM Board of Directors:

We are pleased to announce the 2022 ACPSEM Directors of the Board:

- Kym Rykers (VIC/TAS)
- Kevin Hickson (SA/NT)
- Michael Bernardo (QLD)
- Ivan Williams (VIC/TAS)
- Trent Aland (QLD)
- Lucy Cartwright (NSW/ACT)
- Ben Hug (WA)
- Andrew Cousins (NZ)
- Rosemary Peavey (appointed Independent Director)

[Read more](#)



### Member Consultation on the National Registration and Accreditation Scheme (NRAS)

All Australian members should have received an email from our office this week with an invitation to complete a survey that is instrumental to a proposed ACPSEM submission to the National Registration and Accreditation Scheme (NRAS) for AHPRA registration. Please [get in touch](#) if you did not receive this email.

**Please note:** a similar contextualized survey for NZ members is currently under preparation.

### Launch of the ACPSEM ROMP Workforce Model

Late last year the College initiated a long-awaited ROMP workforce modelling project. There were two main outcomes:

1. A Snapshot of the ROMP workforce: information on ROMP demographics, scope of practice, work arrangements and future plans
2. A ROMP workforce model that allows the calculation of ROMP staffing requirements not just at a departmental level but at a national level too.



The workforce model was launched by Workforce Modelling Task Group representative, Scott Crowe, at EPSM 2021. The workforce calculator and supporting materials are now available on our website. A supplemental paper has also been published in the College Journal, PESM. [Read more](#)

### Call for EOI - ROMP Progressive Reports Assessors (PRA)

Expressions of interest are now open for ACPSEM members looking to become “Progressive Report Assessors” (PRA). This is an excellent opportunity to help out your profession. The EOI is open to everyone (provided you meet the mandatory requirements below) whether you’re a current examiner, a current PPR assessor, or if you have no intention on being either of those (e.g. do you love marking written content at your own pace, but hate talking all day?). EOIs close 29 Nov. [Read more](#)



### Recruitment and Selection of Assessors to the Radiation Oncology Certification Panel

The Radiation Oncology Certification Panel (ROCP) is calling for applications for Assessor positions. Assessors are responsible for carrying out Periodic Progress Reviews (PPRs) for ROMP TEAP registrars in accordance with ACPSEM protocol. Applications for this intake of Assessors must be received by the close of business on **Friday, 24th December 2021**. [Read more](#)



### NSW/ACT Branch Committee Nominations

Nominations are now open for the following position on the 2022 NSW/ACT Branch committee: *Records Member - Finance Member - General Member (1x position)*

Please send a simple EOI to [emma.dyce@genesiscare.com](mailto:emma.dyce@genesiscare.com) by COB Monday 29 Nov. [Read more](#)



### Are you interested in the promotion & implementation of diversity, equity, and inclusivity in the College? to join the DEI Working Group.

The ACPSEM is actively interested in ensuring that Diversity, Equity and Inclusion (DEI) are at the core of all its systems and processes. The Refreshing Professional Standards project introduced consideration of some aspects of diversity (e.g. career stages and specialty) into governance processes and this has been notably successful in expanding the breadth of views on various panels and committees. We believe wider consideration of Diversity, Equity and Inclusion will further enhance governance processes and for that reason ACPSEM has moved to establish the DEI Working Group for members with a passion and keen interest in ensuring a diverse, equitable and inclusive environment exists for all. .

A call for EOIs to join the DEI Working Group will be announced in Jan 2022.



### Psst... Have you heard about NESIG?

Hey TEAP registrars / recent TEAP grads / early career members, this one is for you! The New and Early career Special Interest Group (NESIG) has an exciting mission: To support and nurture the professional development and enthusiasm of NESIG group members, increase the career experience, diversity, and participation within ACPSEM, and help enhance succession planning for both ACPSEM and relevant professions. [Read more](#)

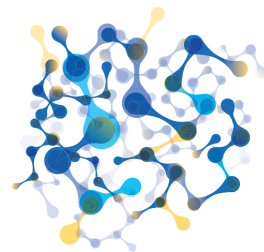


### EPSM 2021: Developing Resilience

Can you believe it's over?! Our annual conference ran from the 7th-10th November. We regret we couldn't gather in person, but could not have

asked for a better virtual experience! Endless thanks to the Brisbane Organizing Committee who worked so hard to realise this. Thank you to everyone who attended, contributed, and spoke. Keep your eyes peeled for the December Christmas Newsletter, which will include more extensive recaps of the event!

A special thanks to our EPSM [digital partners](#), [session sponsors](#) and [supporters](#), without which this event would not have been possible.



### Summer School 2021: Deep Dive into Dosimetry

Summer School 2021 took place virtually over two days from the 5th-6th November. A great shame, of course, that the 141 attendees and speakers couldn't gather in person in Brisbane, but the Committee put together a fantastic virtual program. A massive thank you to the Organising Committee for all of their hard work.

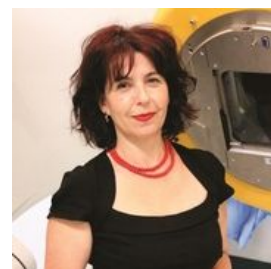


## News and College Updates

**ATTENTION MEMBERS:** Our office largely relies on YOU to tell us what you've been up to to populate this section. Don't be shy. We want to celebrate you. Email us or get in touch on social media!

### Natalka Suchowerska awarded honorary membership of ESTRO.

Congratulations to Natalka Suchowerska who has been made an honorary member of the European Society for Radiotherapy and Oncology (ESTRO) in recognition of her exceptional contribution to the field of radiation oncology. Natalka is the first physicist from Australia and third Australian overall to be awarded ESTRO honorary membership. This is excellent for Australia, for Physics and for Women in STEM. [Read more](#)



### Thank you Richard Dove

Following the announcement of ACPSEM's new Board of Directors for 2022, we want to take a moment to acknowledge a name that, for the first time in over a decade, isn't on the list... Richard Dove's. After more than 13 years on the Council and Board, with significant terms served as both President and Treasurer, Richard will depart the Board of Directors at the end of this year. We thank him for the time and dedication he has given to ACPSEM over these years and gratefully acknowledge the contribution that his skills, ideas and enthusiasm have made to furthering the work and vision of this College.



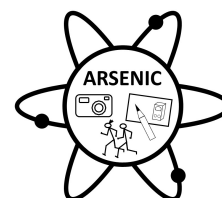
### Dr Marco Marcello wins PhD Award

Congratulations to Marco Marcello on winning the Better Healthcare Technology Foundation's PhD award; an annual Australia-New Zealand award for "the best PhD thesis in Physical and Engineering Sciences with relevance for medicine". A fantastic achievement!



### Winners - ARSENIC 2021

The winners for the 2021 ARSENIC Competition have been announced! This year saw over 70 entries as the "rebranding" of the competition as an art prize allowed for submissions from a range of artistic mediums. View all entries and the winners in each category here: [Read more](#)





### The Australian Centre for Quantitative Imaging (ACQI) symposium and workshop

The UWA Medical Physics Group ACQI Team hosted a Researcher Seminar on 15 Nov. This seminar gave an introduction to prospective researchers and/or clinicians to the field of quantitative imaging analytics. [Read More](#)



### SA Branch Members host AFOMP School 2021 November Virtual Workshop

Great work from Jake Forster, Ashleigh Hull, Kevin Hickson and Daniel Badger, who hosted the 2021 AFOMP School November Webinar on Current Trends in Theranostics on 17 Nov.



### Congratulations to Emily Her and team

Their paper, "Biologically Targeted Radiation Therapy: Incorporating Patient-Specific Hypoxia Data Derived from Quantitative MRI", was published in "Cancers 2021".

[Read more](#)



### Simon Goodall & Team on front cover of The International Journal of Medical Physics Research and Practice

Congratulations to Simon Goodall et al (Simon K. Goodall, Peter Rampant, Warwick Smith, David Waterhouse, Pejman Rowshanfarzad, Martin A. Ebert) whose *Figure 2* from their published paper "Investigation of the spinal surgical implants on radiotherapy dosimetry: A study of 3D printed phantoms" appeared on the cover of the August Issue of AAPM's International Journal of Medical Physics Research and Practice. [Read more](#)



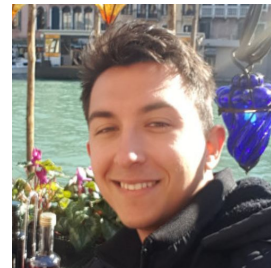
### Nathaniel Barry published in PESH

Nathaniel Barry and team's paper "Repeatability of image features extracted from FET PET in application to post-surgical glioblastoma assessment" was published in the recent issue of Physical and Engineering Sciences in Medicine Journal. This paper was Nathaniel's Master research. Well done Nathaniel!



### Congratulations to Brani Rusanov and team

His outstanding paper, "A convolutional neural network for estimating cone-beam CT intensity deviations from virtual CT projections" was published in "Physics in Medicine & Biology". [Read more](#)



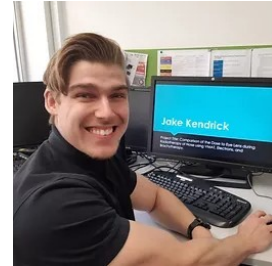
### Congratulations to Mario Djukelic and Tomas Kron

Mario Djukelic and Tomas Kron are two of the authors of "An international survey of imaging practices in radiotherapy", published in the European Journal of Medical Physics. [Read More](#)



### Congratulations to Jake Kendrick and team

Their review on "Radiomics for Identification and Prediction in Metastatic Prostate Cancer: A Review of Studies" was published in Frontiers in Oncology. [Read more](#)



### UWA Medical Physics Team win 2021 WA Health Hackathon

Congratulations to UWA Medical Physics PhD candidates and ACPSEM members Brani Rusanov, Jake Kendrick and Nathaniel Barry for winning the 2021 WA Health Hackathon. [Read More](#)



### Updates from the ACPSEM office

Congratulations to our members who have recently achieved Certification, enrolled in TEAP, or been admitted to the ACPSEM Register of Qualified Medical Physicists and Radiopharmaceutical Scientists. [Read more](#)



## Events

### ACPSEM Annual General Meeting

2 Dec, 2021, 12:00-1:00pm (AEDT) | online

The 2021 Annual General Meeting of the Australasian College of Physical Scientists and Engineers in Medicine will be held virtually on 2 December 2021. Members who wish to attend should register through our website to receive webinar access. [Register now](#)



### MedPhys21

2 Dec, 2021, 8:30am-6:00pm (AEDT) | online

MedPhys21 is an annual ACPSEM NSW/ACT branch scientific meeting for medical physics students (undergraduate and postgraduate) and TEAP registrars to present some of their work. This meeting is open to all ACPSEM members, Medical Physics registrars as well as Science and Engineering students in Australia and New Zealand. [Register now](#)



### MIRSIG: Recap of the Practical Image Registration Workshop-Webinar

7 Dec, 12:00-1:00pm (AEDT) | online

MIRSIG is a group of medical physicists and radiation therapists with a keen interest in all aspects of image registration and the integral part it



plays within radiation oncology. This event is part of their lunchtime series of webinars. [Register now](#)

### QLD Branch Annual Meeting

10 Dec, 2:30-4:30 pm (AEST) | RBWH Brisbane

The 2021 Annual Branch Meeting will be held at the Education Centre at the RBWH on Friday 10th of December from 2:30 pm onwards. All Branch members are invited to attend. [Register now](#)

### NSW/ACT Branch Annual Meeting

15 Dec, 1:00-2:00pm (AEDT) | Online

The 2021 Annual Branch Meeting will be held virtually on Wednesday 15th of December from 13:00 onwards. All Branch members are invited to attend. [Register now](#)

### University Special Interest Group AGM

29 Nov, 12:00-1:00pm (AEDT) | online

please email [membership@acpsem.org.au](mailto:membership@acpsem.org.au) if you are a member of this SIG and have not received an invite.

### Radiation Protection Specialty Group AGM

30 Nov, 12:00-1:00pm (AEDT) | online

please email [membership@acpsem.org.au](mailto:membership@acpsem.org.au) if you are a member of this SG and have not received an invite.

### Radiation Oncology Specialty Group AGM

1 Dec, 12:00-1:00pm (AEDT) | online

please email [membership@acpsem.org.au](mailto:membership@acpsem.org.au) if you are a member of this SG and have not received an invite.

### Radiopharmaceutical Science Specialty Group AGM

8 Dec, 12:00-1:00pm (AEDT) | online

please email [membership@acpsem.org.au](mailto:membership@acpsem.org.au) if you are a member of this SG and have not received an invite.



## External Events

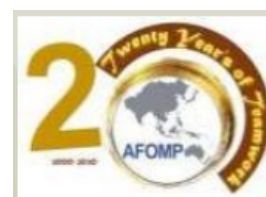
### AFOMP December Webinar

*Celebrating the 20th Anniversary of AFOMP*

**Topic: Monitor Unit Calculation for Photon and Electron Beams**

**2 December 2021, 6:00pm (AEDT) | Online**

Presented by Prof. Dr. Sunil Dutt Sharma and moderated by Lam thi the Nguyen. [Register here](#)



### AIP Summer Meeting

**6-9 December 2021, Brisbane, QLD**

The Australian Institute of Physics is running the 2021 Summer Meeting on 6-9 December at Queensland University of Technology (QUT).





Targeted at Australian-based professional academics, post-doctoral researchers and PhD students, this congress covers a range of physics-related topics. ACPSEM Member and PESH Editor A/Prof Jamie Trapp also sits on the programme committee. [Register here](#)

### AOCMP - Science for Radiation Medicine

10-12 December 2021, Bangladesh

The 21st Asia-Oceania Congress of Medical Physics is on the topic of Science for Radiation Medicine. This year's congress is being organised by the Bangladesh Medical Physics Society (BMPS) and supported by AFOMP and IOMP. [Read more](#)



### Australasian Brachytherapy Group Annual Scientific Meeting 2022

Online | 10-12 February 2022

The theme for the 2022 ASM is 'Plant the Seed'. This meeting will create a space for discussion and reflection that allows creativity, growth and inspiration to shape the practice of brachytherapy. Make sure it's in your diary! [Read more](#)



### MMND-ITRO 2022

4-5 February 2021, Southern Highlands, NSW

The Centre for Medical Radiation Physics, in collaboration with Memorial Sloan Kettering Cancer Centre (MSKCC) USA, is hosting the international conferences of Mini- Macro - Nano- Dosimetry (MMND 2022) in conjunction with Innovation Technologies in Radiation Oncology (ITRO 2022). In our last newsletter we advertised the Noosa MMND-ITRO event, which has now been postponed to 2023 due to the global pandemic. In its place, a hybrid meeting will be held in Sutton Forest, NSW from 4-5 Feb. [Register here](#)

## Call for Contributions

### We'd love to hear from you!

Tell us what you and your colleagues have done recently. Please contribute by emailing Kath at [communications@acpsem.org.au](mailto:communications@acpsem.org.au)

- Awards and achievements
- Events and activities
- Published articles, reviews, scientific notes, debates and feedback
- Pictures and videos

## Let's Get Social



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