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University

HDR MATTERS

OFFICE OF HDR TRAINING & PARTNERSHIPS | MARCH ISSUE

A message from our Pro Vice-Chancellor, Higher Degree Research Training & Partnerships

In recent days, you will have received a number of messages from the Vice Chancellor and from my office regarding the steps the University is taking to reduce the potential impact of Coronavirus on the University and the broader community. These steps have been taken in response to Australian Government's guidance and recommendations designed to slow community transmission of Coronavirus in Australia. Whilst the risk of contracting the virus remains small, the impact for vulnerable groups can be devastating and we all have a responsibility to ensure that, where possible, we reduce the risk of transmission for ourselves, our friends, colleagues and the broader community.

This is an unsettling time for all of us, and my thoughts go out to those that have been directly affected by the events of the last few months. Many members of our HDR community have joined us from overseas and have the added anxiety of being away from their families, many of whom may be affected by the global impact of the pandemic. We have a strong research community at Macquarie and now is the time to be pro-active in our support for each other through these difficult circumstances.

I recognise that the precautionary measures that the University has taken will impact significantly on research activities across campus and many of you will have

concerns about how this will affect your studies. Where data collection is disrupted we would encourage you to consider ways in which you can continue to progress your research program through the completion of literature reviews, meta-analyses, data analysis and manuscript preparation. I would also encourage you to take the opportunity to work from home where your research activities allow.

My office is well-positioned to provide advice and support during this time. We remain open for business and I would encourage you to contact us should you have any queries or concerns regarding your candidature.

Stay safe and stay well.

Professor Simon Handley, Pro Vice-Chancellor, Higher Degree Research Training and Partnerships

Office of Higher Degree
Research Training and
Partnerships
Revised opening hours
10am – 2pm

HDR Workshops

All workshops can be found on the [MyRDC](#)

<i>Mon 20 April</i>	HDR Wellbeing: Communication & Managing Upwards (Zoom)	<i>Wed 22 April</i>	Science Writing for Publication Workshop Series. Workshop 3: Introduction & Methods
	Register here →		Register here →
<i>Thu 23 April</i>	Thesis Formatting for Mac Users (online)	<i>Thu 23 April</i>	MQBS HDR: Delivering oral presentation of your research and critiquing others'

[Register here](#) →[Register here](#) →

HDR Announcements



HDR Learning Skills - Online

HDR Learning Skills services will continue to be run online until further notice.

This includes research writing courses, research writing groups and 1:1 consultations. For the most part, we will be using the videoconferencing app **ZOOM** to deliver these services in real-time.

If you have registered into a Research Writing Course or workshop, your HDR Learning Advisor will contact you with details on how to join the Zoom session.

For advice on thesis writing, publication and conference presentations, you are welcome to book an appointment with your HDR Learning Advisor by **emailing them directly** or emailing us at **hdrlearningskills@mq.edu.au**. Similarly, please email us if you would

HDR Mentors and Peer Writing Assistants

Due to the recent developments regarding the COVID-19 situation in Australia, **HDR Mentors** have decided to postpone any face-to-face events and meetings until further notice.

We are currently in the process of coming up with ways to interact with the HDR community through online platforms such as Zoom.

The HDR Mentors will continue to email upcoming online offerings to the respective HDR candidates once they are available.

Please refer to the University's **Coronavirus webpage** for the latest updates.

The **Peer Writing Assistant (PWA) Program** will be offering Zoom consultations for 1:1 peer writing support for our PhD and Mres Year 2 candidates.

like to join a [Research Writing Group](#) with other research candidates. Check out which group to join [here](#); we will also start new groups if there is sufficient demand. These will all be run via Zoom until further notice.

For statistical advice for your HDR/MRes project, our HDR Stats Consultant, A/Prof Peter Petocz is still available for phone/online consultations on Mondays. Please contact Peter at peter.petocz@mq.edu.au with your stats questions or to book an appointment.

For those of you who have registered to attend a skills workshop (eg NVivo, Thesis Formatting) via [the myRDC](#), we will email you with details on what is happening, so please check your university email regularly!

If you have any other support and development needs related to your HDR/MRes project, please do not hesitate to reach out and email us at hdrlearningskills@mq.edu.au.

HDR Professional Development – Online!

[HDR Professional Development](#) will be updating the Announcements on their [iLearn page](#) with relevant information and support details while we work mostly online during this time. Candidates are also welcome to email profdevhdr@mq.edu.au with any queries.

Please [visit this website](#) for further information and how to register.

HDR Supervisors: Do you need a Zoom Buddy to practice with?

Not everyone has supervised HDR candidates using an online meeting tool. Dr Marilyn Childs is happy to be your Zoom Buddy the first time you use it!

How?

Set up your first Zoom meeting
<https://macquarie.zoom.us/>

HINT: If you don't know how to do it, then have a look at these [MQ guides](#).

Invite Marilyn to the zoom meeting.

Practice using it with Marilyn! I can be your guinea pig!

Contact Marilyn at merilyn.childs@mq.edu.au for further details, or just send me a zoom meeting invite! I'll do my best to fit in with your schedule!

HDR Stories



Mars Desert Research Station (MDRS): Two Faculty of Science & Engineering Candidates Selected for the WoMars Space Mission

Kelly Vaughan-Taylor and Julie Hartz, two MRes students from the Department of Earth and Environmental Sciences from the Faculty of Science and Engineering, have been selected to be part of an all-female Mars Analogue Mission at the Mars Desert Research Station, USA operated by the Mars Society.

The all-female crew, named WoMars, is composed of six space sciences research students and young professionals from four different countries. Kelly will endorse the position of Crew Geophysicist, while Julie is the Crew Commander and Crew Geologist. The mission aims to evaluate the psychological and physiological

performances of an all-female crew under Mars-like conditions. In addition, each crew member will conduct scientific experiments related to their field of expertise. The mission is scheduled for February 2021, until then stay tuned by visiting womars.co.uk or follow WoMars on Instagram @womars_mdrs_crew241.

Go WoMars!

Julie Hartz, MRes candidate Earth Sciences

(image above) From left to right: WoMars mission patch, Kelly Vaughan-Taylor (Crew Geophysicist, MRes candidate in Geophysics), and Julie Hartz (Crew Commander and Crew Geologist, MRes candidate in Biogeochemistry).



FSE PhD candidate Julien Lubeek to compete in this year's NSW FameLab Semi-Final

Presenting your research is a challenge for many of us. Presenting your research within 3 minutes even more so. And presenting your research within 3 minutes to a general audience? – well that is the challenge for PhD candidate Julien Lubeek who has been selected as a semi-finalist for the upcoming FameLab event.

[FameLab](#) is a UK-based science communication competition that asks early career (post-graduate and post-doctoral) scientists to explain their research to a general audience within 3 minutes through two different mediums. To enter Julien had to upload a video of himself presenting his research. In the semi-finals, competitors have 3 minutes to present their research using only props they can carry on stage.

The NSW FameLab Semi-Final will be held on Wednesday 8th April at the Powerhouse Museum. Julien will compete against 12 other NSW early-career scientists (including MQ's early career researcher Dr Lindsay Parker) for the chance to present his research at the National Final in Perth.

The general public will have a chance to vote for their favourite presenter so please support Julien and Lindsay and watch their entries online. [Voting for the NSW semi-final](#) is open for 72 hrs from Thursday 9 April, 2pm A.E.S.T.

Dr Megan Brewer, HDR Learning Advisor (Science)

(image above) Julien Lubeek, PhD Candidate from the Faculty of Science & Engineering



ResourcefulHDR podcast: Dr Jacqueline Mackaway

The latest guest on the [ResourcefulHDR podcast](#) is [Dr Jacqueline Mackaway](#). Jacqueline is a lecturer in the Department of Sociology at Macquarie University (MU). For the past 4 years she has taught a social research unit which requires students to undertake an internship. Previously, she has worked with MQ's Professional and Community Engagement (PACE) initiative, providing scholarly underpinning for pedagogy in this area.

Jacqueline's research interests cover the sociology of education and work, and she recently completed a PhD focused on equitable student access to work-integrated learning. Prior to her time in higher education, Jacqueline spent 15 years working as a human resource professional across a range of sectors including government, not-for-profit and large multi-nationals.

Jacqueline talks about how she has learnt from experiences and speaks about the people and events that have influenced her decisions as well as the steps that led her to complete her PhD and to her current role within the Department of Sociology.

Sally Purcell, HDR Professional Skills Program

(image above) Sally & Jacqueline in the recording studio, Learning Innovation Hub



2020 Industry Mentoring Network in STEM Program – Applications now open!

If you have been looking for an opportunity to engage with industry, expand your professional networks and develop your career skills then the Industry Mentoring Network in STEM (IMNIS) could be the program for you!

Office of HDR Training and Partnerships (OHD RTP) in collaboration with Macquarie University faculties are seeking expressions of interest from doctoral candidates, ideally in their second year of study, that would like to participate in the 2020 IMNIS mentoring program.

IMNIS is an award-winning industry-led initiative of the Australian Academy of Technology and Engineering. IMNIS connects motivated PhD students (mentees) in science, technology, engineering and mathematics (STEM) with outstanding high-level industry leaders (mentors) in a one-year industry mentoring program. More information about the program is available on the [IMNIS website](#) and on the [HDR Professional Development iLearn page](#)

How can I apply? Interested PhD candidates can complete the [2020 IMNIS Online Application Form](#). Deadline is Sunday April 5th.

New! For the first time IMNIS will also be accepting applications from early career researchers (3 years post-PhD graduation). Please complete the short online [2020 IMNIS ECR Application Form](#) before Sunday April 5th.

If you need any further information in the meantime, please email ProfDevHDR@mq.edu.au.

Catherine Ennis, HDR Industry Engagement and Placements Manager



Consent Matters: Online learning to build a safer community for all Macquarie students

In 2020, all newly commencing students are required to complete the [Consent Matters online course](#) on iLearn – including HDR candidates. Our experience of the academy is substantially more enjoyable – and rewarding – when we exercise kindness for ourselves and for others. Consent Matters helps you to find ways to contribute to this kindness.

Consent Matters focuses on communication in relationships, consent in relation to sexual activity, and ways you can help someone you know if they're in a difficult situation. The knowledge and skills you'll gain here are transferable; looking out for others, and helping people when they need it, will help ensure your success in research, teaching, and service contributions throughout your time at Macquarie.

If you're affected by any of the topics covered in Consent Matters, or if you want to talk to someone about unwanted or inappropriate behaviour that you're concerned about, please know that you can contact [Student Wellbeing Services](#) for advice and support.

Consent Matters is overseen by the Office of Student Life. If you have any feedback on the course, please contact the team via e-mail at respect@mq.edu.au.

Xuan Luu, Education Officer, Student Diversity and Inclusion



The Curious Case of Invisible Conditions

Most people are good at recognising obvious injuries or impairments to others. For example, we would easily change our expectations and provide support for someone recovering from a broken leg.

A significant proportion of university students are dealing with mental health conditions, and this proportion increases among post-graduate students. There are a wide variety of conditions including anxiety, depression, autism spectrum disorder, ADHD, chronic fatigue syndrome, substance use and personality disorders. These conditions tend to have specific impacts on students, although everyone will have their individual impacts.

And just like we wouldn't feel like it's helpful to ask someone with a broken leg to race up a flight of stairs, we wouldn't give ambiguous instructions to someone with autism spectrum disorder or tell someone with depression they need to be tougher on themselves.

The Accessibility Service is a confidential service at the University that seeks to support students with physical or mental health conditions that impact their studies. They also work to raise awareness and understanding of these conditions with all students and staff. Please contact their service by [visiting this website](#).

Ashwin Singh, Allied Health Advisor Student Wellbeing



The importance of becoming a digital practitioner in the academic world

In the fast-evolving space of digital literacy, there are many advantages to boosting your visibility. It's important to actively manage how the world engages with you and to leverage your 'online face' to pay dividends.

Developing skills as a digital practitioner demonstrates to the world that you're adaptive and current. Networking can be undertaken via blogs and online participation, social networking and open access publishing,

A well-executed digital profile can be referenced in grant writing, job applications, and other career opportunities. It can also super charge research impact by spreading the word more effectively than traditional methods.

A good place to start developing skills in this digital sphere is by using our institutional subscription to resources in [LinkedIn Learning](#). You might like to start with, "[Twitter essential training](#)".

The Library intends to present a session to help researchers and academics with the fundamentals of developing a professional presence. Aspects covered will include twitter, ORCID, blogging and Altmetrics. Keep abreast via the [Researcher Development Calendar](#) (RDC) for updates on this.

Alana Hadfield, Research Librarian



HDR Mentors: Welcome Lunch

Every year Macquarie University grows with a fresh infusion of HDR candidates joining the research force. The HDR Mentors like to welcome them with an afternoon of fun. This year the event was held on March 13 and it entailed an Acknowledgement of Country, an introduction to HDR Mentors, and icebreakers to encourage the new cohort to know each other better. This was followed by lunch, during which attendees could talk to Mentors from their Faculties and ask questions about candidature specific to their field of study. The university has had some special challenges with regards to the outbreak of COVID-19 recently. The candidates were assured that the Mentors are here to help in any way possible. They can contact the Mentors for all types of situations that may arise. We hope the event was an exciting experience for all and that it marks the beginnings of new friendships.

HDR Mentors would like to welcome all new HDR candidates and hope that we continue to help each other as we stride along in our graduate journeys together.

Shubham Chhajed, PhD Candidate FSE and HDR Mentor



Walanga Muru HDR Update

This month Walanga Muru will see two HDR students graduate from the Master of Research program, with one student continuing on to their PhD this year. These two students join our highest graduation round in the last 5 years, with 38 Aboriginal and/or Torres Strait Islander students graduating in total. This will bring our total Indigenous student graduations to 1,031 awards. We are so proud of all of these students and we look forward to seeing further growth in the HDR space for 2020.

In March, Walanga Muru was able to attend the Master of Research Information session on campus alongside the faculties and other HDR departments (pictured).

Tamika Worrell, Aboriginal Academic Engagement Coordinator – Postgraduate Students, Walanga Muru

(Image above) Walanga Muru representative at the Master of Research Information Session



Data Management Workshops in April

Macquarie eResearch and Research Integrity are organising the following workshops in April:

- 15 April (morning)
 - **Introduction to Jupyter Notebooks**
 - Suitable for HDR students, ECRs, librarians. No prior knowledge required
- 15 April (afternoon)
 - **Annotated Discussion on the new Data Management Plan Guidelines**
 - Suitable for anyone needing to submit new data management plan, or supervising those who do

- 16 April (morning) & April 17 (morning)
 - **Introduction to Active Data Management (in two parts)**
 - Suitable for anyone needing to manage research data for internal teams or with external collaborators
- 16 April (afternoon)
 - **Data Handling and Network Know-How**
 - A 'train-the-trainer' workshop covering such topics as jargon-busting, data movement solutions and network literacy. Suitable for librarians and research support staff. No prior knowledge required

These are ONLINE workshops. Registration is free.

For more information, refer to the [Data Science and eResearch Training and Events wiki page](#).

(Image above) Image credit to [JISC](#)

HDR Dynamic Duos



Mark Gronow PhD
Educational Studies

Assoc. Prof. Rod Lane
Deputy Head, Department of Educational Studies

How did you come to know each other?

I was a Mathematics Teacher in secondary school prior to starting the PhD in 2016. I started as a casual Tutor

How did you come to know each other?

I met Mark back in 2016 when he became a Tutor in my secondary curriculum unit. He was excited about

on the unit Rod was convening TEP 387 Secondary Curriculum when I started my PhD. Rod had confidence in me to do the job and provided great support along the way. I admired his approach to the unit; his organisation and management of the course made the job easy for the Tutors. I found out that Rod had been a secondary school teacher as well and similar ideas to me around school education.

I began considering my transition to work from PhD completion. I considered Rod as someone who I could relate with on a professional and personal level to discuss such issues. Rod's experience and background were perfect in guidance from a school teaching to an academic career. I asked Rod to act as a mentor and we then started having coffee chats at the university every few weeks.

What are your shared interests?

As we both come with a secondary school teaching background our experiences are very similar. Teaching in a school gives insight into teaching and learning but also the infrastructure of schools. Knowing this helped in me teaching at Macquarie. Rod was encouraging of me using my school teaching experience. Having the same philosophical outlook on teaching helped me in my teaching and to feel confident that I was delivering the course content correctly and how to mark university assignments and exams.

What do you each bring to the professional relationship?

pre-service teacher education and a very talented Maths Teacher.

After the unit finished, we continued our conversations about best practice teaching across the secondary subjects. We also shared a lot in common in that we had both been secondary school teachers.

What are your shared interests?

Mark and I share interests in evidence-based practice, innovative pedagogy and teacher professional development. It is fantastic to have someone to reflect with and to use as a sounding board for new ideas.

What do you each bring to the professional relationship?

Working with Mark helps me better understand the challenges faced by early-career researchers. With its knowledge I can be a better mentor and leader for new staff in the School of Education.

What do you appreciate most about Mark?

Open frank conversations about teaching and learning issues and career progression. I get to learn about Mathematics education which is something that I'm really interested in and outside of my area of experience.

What have you gained through your collaboration?

Working with Mark has been absolutely fantastic. I get honest feedback about the way I organise and administer the course as I teach.

As I now have completed the PhD I feel I can ask his opinion in making a career decision. Rod is easy to relate to his manner is approachable and supportive. Rod is able to give instruction and direction and encouraged questions and discussion.

What do you appreciate most about Rod?

Rod showed great interest in my PhD research. While we have different backgrounds in our teaching discipline, Rod taught Geography and I taught Mathematics, he was able to appreciate my study. My study involved the professional learning of mathematics teachers, Rod gave great advice in how such a study can be developed for practicing Mathematics Teachers.

What have you gained through your collaboration?

Rod has been able to give useful advice to my career progression. Finishing the PhD means going back to the workforce and finding the appropriate position requires some direction. I've gained insight and understanding about university processes from Rod.

From this relationship, what do you think you will take with you into your professional/research future?

I would like to collaborate further with Rod on future research. The course I teach for him has a close connection to my study in dealing with preservice teachers' reflection on their practice. This is an area I am interested in particularly in mathematics teaching.

From this relationship, what do you think you will take with you into your professional/research future?

Working with Mark has given me insight into the struggles of HDR students and transitioning into a university profession.

It has helped me understand the struggles of the HDR students I am supervising.

What have you learnt from each other that has helped you grow?

When I work with Mark I am reminded of the importance of listening. It's not always about having to have an answer for everything. Mark and I are able to bounce ideas around and solve our own problems in the process.

What have you learnt from each other that has helped you grow?

Rod's confidence in me to do the job has helped in teaching at university, but also personally in the way I approach the future as an academic. It is not something I had considered previously and listening to Rod gives me confidence that I can move on in this new workplace

(image above) Mark Gronow, PhD Candidate Department of Educational Studies and Associate Professor Rod Lane, Deputy Head Department of Educational Studies

We are always keen to receive contributions to the HDR Dynamic Duos section of this newsletter. The people featured might be... HDR candidate & supervisor, HDR Mentor & HDR Mentee, HDR Candidate and Industry placement supervisor.

If this is of interest to you, please head to our [website](#) for further information on how to contribute.

Remember to listen to the [ResourcefulHDR podcast](#) and if you are interested in being a guest please email sally.purcell@mq.edu.au



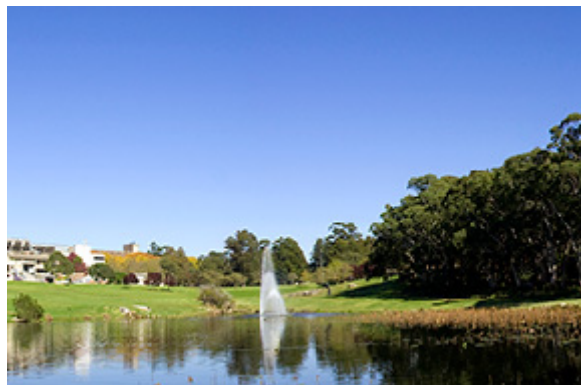
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Higher Degree Research Scholarships



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