

SEMESTER TWO, TWENTY-TWENTY

THE ALCHEMIST

The Queensland Pharmacy Student's Association's biannual Newsletter



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THE QUEENSLAND PHARMACY STUDENTS' ASSOCIATION (QPSA)

QPSA is a not-for-profit
association run by and for
pharmacy students at the
University of Queensland (UQ).
We are based at the Pharmacy
Australia Centre of Excellence
(PACE) adjacent to the Princess
Alexandra Hospital at
Woolloongabba.



SEMESTER TWO, TWENTY-TWENTY

Meet our Team!



EXECUTIVE BOARD



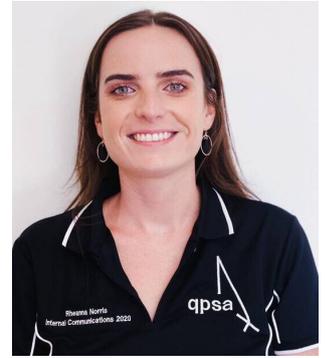
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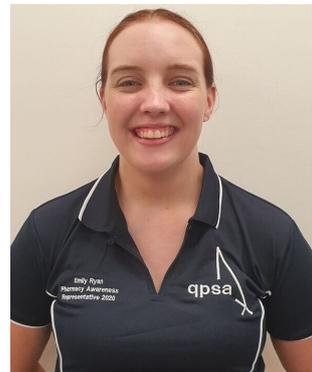
YEAR LEVEL REPRESENTATIVES



Isa Bautista
First Year
Representative



Ahmed Abdul
First Year
Representative



Emily Ryan
Second Year
Representative



Harry Lee
Second Year
Representative



Madeline Bullock
Third Year
Representative



Anton McQueen
Third Year
Representative



Bryden Seymour
Fourth Year
Representative



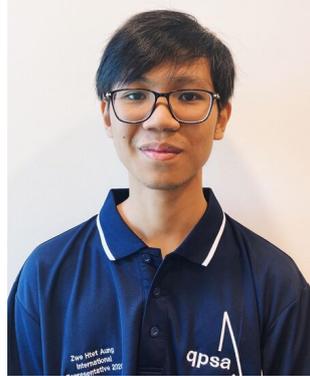
Cathy Greig
Fourth Year
Representative



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Publications
Representative



Zwe Htet Aung
International
Representative



Sarah MacKenzie
External Affairs
Representative



Rowena Magoffin
Graduation Dinner
Representative



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Education
Representative



Aislinn Kennedy
Social Representative
Education Sub-Committee



Rebecca Almond
Social Representative



Neve Munro
Merchandise
Representative



Nihal Dey
Merchandise
Representative



Jessica Spokes
Pharmacy Awareness
Representative
Education Sub-Committee



Emily Ryan
Pharmacy Awareness
Representative

QPSA President's Review

WHERE TIME IS NEVER PLANNED

Eilís Rigby; QPSA President, 2020

You can fly! Just believe in your ability and you fly from this nursery into the great adventure of life. This is what Peter Pan promised Wendy and her brothers. Having left their bedroom window open, heads filled with outrageous stories, they were able to ascend to a place where dreams are born, and time is never planned. This notion of flight was a fantasy for these children but imagining and believing in the little green boy called Peter brought their dreams to life. Similarly, at the beginning of this year we had a dream and a vision for the Queensland Pharmacy Students' Association (QPSA); which was to continue to offer our members as many opportunities to educate, explore, entertain beyond the realms of their pharmacy degree; as well as forge new and strengthen old partnerships and establish the QPSA as a culturally sensitive and aware society.

This year has been met with some unprecedented challenges due to the COVID-19 pandemic, which notably created transitions and changes in our learning environment, personal lives but also impacted the delivery of many or planned events. Despite the challenges we have faced together this year it was a landmark of a year, as we have achieved timeless and lasting progress for our society due to the tireless work of our committee – for which I thank you all. It has been an honour and a privilege to serve as QPSA's president for 2020; and I congratulate the incoming committee for the election into their roles. I know that you will keep forging our society forward, building on the foundations of all the committees gone before you.

But now it is time that many of us are set to grow up that little bit more and emerge into that big unknown world that is our future as pharmacists. But I implore you all to always leave your window open just a little bit, because despite the unlikelihood of flying away to Neverland, you must never lock out the dreamer within you. Because if you do not keep the window open, do not take risks, do not believe that you can fly, you will never know what could have been.

So, please enjoy this edition of our newsletter, *The Alchemist*, as we look back on the past, and hopefully inspire the future.



QPSA'S 2020/21 ANNUAL GENERAL MEETING

On the 7th of October QPSA held their first-ever virtual Annual General Meeting (AGM) via zoom. A huge thank you to our outgoing executive and committee members for all the amazing work they have put into a successful term. Congratulations to the incoming QPSA executive and committee members for 2021.

Incoming 2021 QPSA Executive Board:

President - Rheanna Norris

Secretary - Samantha King

Treasurer - Ajay Chungath

Internal Communications - Madeline Bullock

Incoming 2021 QPSA Committee:

Education Representatives - Claudia Scroope & Nihal Dey

Merchandise Representatives - Zain Langah & TBD

Publications Representative - Grace Quach

Pharmacy Awareness Representatives - Jess Heald & Hannah Aplin

Social Representatives - Ruby Mitchell & TBD

External Affairs Representative - Layla Hellou

Graduation Dinner Representative - Zane Singleton

International Representative - Zwe Htet Aung

Second Year Level Representatives - TBD

Third Year Level Representatives - Emily Ryan & Jade Wallace

Fourth Year Level Representatives - Layla Hellou & TBD

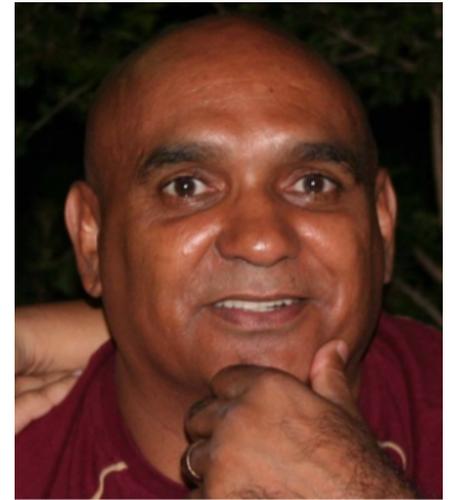


QPSA's Online Annual General Meeting.

Congratulations to the incoming 2021 QPSA Executive and Committee elect.

NAIDOC WEEK

The Queensland Pharmacy Students' Association acknowledges and respects Aboriginal and Torres Strait Islander peoples as First Australians. We value and celebrate the uniqueness of knowledges, cultures, histories and languages that have been created and shared for at least 65,000 years. This year's theme for NAIDOC week was Always Was, Always Will Be and recognizes that First Nations people have occupied and cared for this continent for over 65,000 years. It acknowledges that hundreds of Nations and our cultures covered this continent. All were managing the land - the biggest estate on earth - to sustainably provide for their future. As part of QPSA's ongoing commitment to reconciliation, which is a key part of social change, we commissioned renowned Brisbane based artist Carl Simpson to create a stunning Indigenous logo for our society



Local Turrbal artist -
Carl Simpson

Carl Simpson Attended and graduated from Queensland College of Art at Morningside in 1981 with a Certificate in Commercial Illustration. I have worked since then in a variety of occupations including as a freelance artist and graphic designer/screen-printer as well in non-artistic roles mainly in Management roles in the not for profit sector and Indigenous employment and training area. During this period I still undertook freelance design and artwork opportunities as they arose and continue to at this present time. Please see below some samples of work undertaken over the last 40+ years as an artist/designer: Willoughby City Council Underpass tunnel, North Sydney

This image represents 2 themes:

- (a) the main colours represented on the flag of the Torres Strait Islands and
- (b) they also represent the fact that we (Australia) are surrounded by water which contains and sustains life by means of sustenance and medicinal properties that flourish in it.

This water surrounding us as well as being managed on country has been utilised for generations by first Nations peoples across this Country.

This generic image of the boomerang represents a tool/implement utilised across this country by countless First Nations groups. The boomerang comes in a variety of shapes and sizes dependant on the intended use. It was used in primarily in hunting and ceremonial use as well as in conflict. Images or markings were also a result of the intended use of these.

QPSA's Indigenous logo presented during NAIDOC week 2020 (picture on the right)



2020: YEAR LEVEL REFLECTIONS

Isa Bautisa; First Year Representative

After a pretty long Semester 1, I can gladly say I'm relieved about getting a break. That's not to say I didn't enjoy the semester though! The first few weeks were exciting, and I quickly got used to finding my way around St. Lucia, as well as PACE. Being the only one from my school to go into Pharmacy made me a bit nervous, but I tried my best to talk and make friends. Then, online learning began.

I can't say that studying in my room alone for weeks on end was the vision I had in my head starting as a starry-eyed first year. But, thanks to numerous group chats and a funny cohort, I was reassured by everyone supporting each other and always trying to stay positive.

I'm excited for Semester 2 and am keen to get back on campus to see people around!

Emily Ryan; Second Year Representative

I know I speak for a lot of the second years when I say it is staggering to think that we have already reached the halfway point of our degrees. Second year was a year full of uncertainty ; something that all students took in their stride. In a time of tremendous unpredictability I was proud of everyone's ability to adapt to a turbulent year. We started the year excited to grow our connections as we headed into another year together. COVID 19 meant that our learning was moved online and this presented new challenges. We continued to band together and help each.

Semester 2 saw the return of some students to campus and it was fantastic to be able to interact face to face again. I witnessed our cohort work together and become closer. 2020 also saw the election of more second years to the QPSA committee, something that fills me with excitement for 2021!



2020: YEAR LEVEL REFLECTIONS

Madeline Bullock; Third Year Representative

2020 has been a year of firsts, many of which were very unexpected. It goes without saying that the COVID-19 pandemic has had a profound impact not only on this cohort, but on pharmacy practice as a whole. The third years, along with the rest of the school, had to rapidly adapt to online learning, however despite this and the added stresses of a state-wide lockdown, invigilated assessment and awkwardly silent Zoom breakout rooms, we all managed to get through the year relatively unscathed. Second semester saw the third years going on our first weeklong placement, with students having the opportunity to gain firsthand practical experience in community pharmacy practice. Some students also had the opportunity to complete 4 placements in regional and rural pharmacies, with some students also undergoing placements overseas. As we head into our final year of study, I am confident that we do so as a united cohort, and that we as a group will continue to thrive. I have truly enjoyed every minute as this year's 3rd year level representative and am looking forward to the exciting year ahead.



Cathy Greig; Fourth Year Representative

Fourth year – the biggest year of placements and projects and time spent together at PACE – 2020 gave us the first two, but not so much the last. While the year has been marked by the things we didn't get to do – class photo day, last lecture with costumes and BBQ, or actually going into a lab (at least for those of us not doing a major project). We shouldn't forget the things that we did – introduction to Telehealth (sort of – it sounds better than saying we spent WAY too many hours on Zoom), completing a project (that may have changed multiple times thanks to COVID-19), solving Jacqui's pill puzzles and finishing it all off with classic Hawaiian fashion sense. 2020 has shown that we can conquer any challenge that comes our way (that said, I don't know about the rest of you, but I'm not that keen on doing an OSCE via Zoom again...) To those of you who had to shorten your visit to Australia, we're sorry we couldn't give you the farewell you deserved at Grad Dinner. To those of you who spent far more time studying alone or online than you really wanted to this year – it's okay, we've made it! This may not have looked like anything you imagined for fourth year, but you have all risen to the challenge. Congratulations and good luck in your intern year!



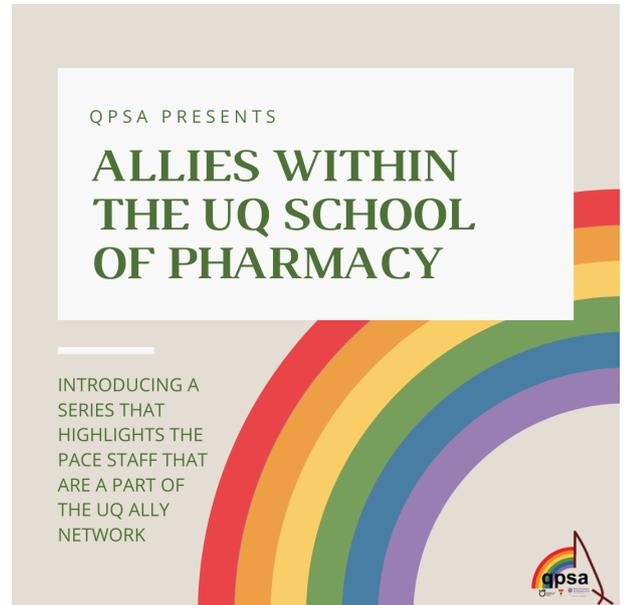
UQ Ally Network at PACE

AN INCLUSIVE SCHOOL FOR ALL STUDENTS

Sarah Mackenzie;
QPSA External Communications



The School of Pharmacy represents its inclusive nature through its association with LGBTQIA+ UQ allies at the Pharmacy Australia Centre of Excellence (PACE). In the school, there are currently 16 allies involved in the staff community, and this number is growing. Over the next coming months, the Queensland Pharmacy Students Association (QPSA) will introduce several of these wonderful staff in the school who aim to provide a safe, welcoming, and open space for students of all sexual and gender orientations at UQ. Over the next couple of months a number of staff profile will be posted on our socials. These profiles are made to highlight the staff who are a part of the UQ Ally Network.



QPSA SOCIAL EVENTS - SEM 2, 2020

Aislinn and Rebecca; QPSA Social Representatives

QPSA had a great semester with social events. Our first event was a murder mystery turned Pictionary games night where even though it was a virtual event, we all still had a laugh! We also held a Strava running competition which got everyone fit for summer. Congratulations to our winners Edan Hu, Rhe Norris and Cathy Greig who ran a combined total of over 500 kilometres! We were also able to round up a group of wonderful girls where we played Netball in the UQ interfaculty Competitions. We had an absolute blast this season! Thank you all for your participation and we are excited to see what next year has to bring!



Becoming pharmacists: exploring professional development of pharmacists following graduation

Judith Burrows.

B PHARM, DIP ED, M CLIN PHARM, GRAD CERT HIGHER ED, PHD

Over many years of working as a pharmacist in a range of roles, as well as a part-time lecturer in the School of Pharmacy, I developed a curiosity to learn and understand more about how students become pharmacists and the influences on practice and development. I also wondered about the extent to which the worthy goals and outcomes of undergraduate pharmacy programs are achieved, and how we could better facilitate the transformation from student to pharmacist at university and in the workplace. My PhD research was completed in 2019. It involved a qualitative study that explored how pharmacy practice was understood, enacted and developed in a cohort of pharmacy students graduating from the University of Queensland (UQ). In Phase 1, I invited a cohort of final year pharmacy students to complete an online questionnaire containing open-ended questions relating to pharmacy practice. Interestingly, the analysis revealed that pharmacy practice was understood in six distinct ways. One third of participants understood pharmacy practice in the traditional sense of “dispensing and/or providing counselling, information and advice”, where medicines were the focus. The remainder understood pharmacy practice more broadly to varying extents, with patients/customers featuring more centrally at the more inclusive end of the spectrum, “providing an accessible healthcare service to all members of the community as part of a healthcare team”. The broader end of the spectrum is clearly what the profession needs to advance. In Phase 2, twelve recent graduates, working in hospital and community practice, participated in a longitudinal study. I observed the new graduates at work and interviewed them, every six months, for two years. I then analysed the observation notes and transcripts to characterize how each participant understood and enacted pharmacy practice at each visit. A distinguishing feature was how patients/customers featured in their practice, prompting further interpretation of the meaning of patient-centredness in pharmacy practice. These graduates initially understood and enacted patient-centredness in pharmacy practice in a range of ways. For some, medicines and tasks were the frame of reference, with patients viewed as source and recipient of information, allowing graduates to complete a series of required tasks to ensure medicines were safe and appropriate. For others, patients featured more centrally, where completing the required tasks was necessary to achieve a broader goal, of providing individualised care to optimise health outcomes from medicines. Understanding of patient-centredness remained largely unchanged for most participants during the two years following graduation, despite the passage of time. This suggests that the development of patient-centredness doesn't just happen with experience, and requires development at both university and in the workplace for many. The findings of my research suggest that patient-centredness is understood and enacted in practice by recent pharmacy graduates in a range of ways, even though these graduates completed the same undergraduate program! So, there is a need for pharmacy educators and researchers, and the profession as a whole to discuss what patient-centredness means in pharmacy practice and work together to ensure that more graduates have a broad and deep understanding of what the term means in pharmacy practice. Finding effective initiatives to facilitate this transformation holds promise to enable more pharmacists to become truly patient-centred. One of the key recommendations in my thesis was to include real patients in the pharmacy curriculum so that students gain a greater appreciation of the patient perspective of living with and manage chronic disease. I am very excited to be currently working on the Patient Voice Project where I have video recorded interviews with over 15 patients with a range of chronic conditions. These videos will be integrated into the four years of the curriculum to add the patient perspective, to enhance the development of the pharmacists of the future.

PSA Intern Training Program was recommended to me by my colleague at work. I must say the flexibility and support I got through the training helped me a lot.

Here's what makes PSA's Intern Training Program next level

When you've graduated, you're faced with the next challenge: getting registered. PSA's Intern Training Program is designed to help get you there...and beyond.

We offer Australia's most popular and comprehensive training program.

We ensure you get everything you need to succeed, it's as simple as that. Our ITP is a smooth transition to get you prepared for your best career.

Here's how:

- **Extensive support** from your local training officer
- Gets you **career-ready**, regardless of practice setting
- Finish your training with a qualification, the **Graduate Certificate of Applied Pharmacy Practice** 10797NAT
- Attend **inspiring workshops** and **training** that get you career-ready
- Experience **flexibility to succeed** at your own pace
- Dedicated oral and written **exam preparation**
- **PSA's immunisation training** at no extra charge

...and you get **FREE PSA membership**. Giving you more support and education resources including:

- Access to our **pharmacist to pharmacist phone advice line**
- **PSA's CPD**; everything you need to meet your annual CPD requirements
- Subscription to the award winning **Australian Pharmacist journal**
- Free or member-discounted **PSA events** and **networking opportunities**

Next level intern training.

RTO Code 122206

Talk to us on **1300 369 772** or go next level now via psa.org.au/intern

Chris Campbell – General Manager for Policy & QLD State Manager Pharmaceutical Society of Australia

The PSA is the only government recognised, national peak body for all pharmacists, representing the 32,000 Australian pharmacists across all areas of practice. 2020 was a year like no other, starting with the worst fires in a generation, fires that killed an estimated 3 billion of Australia's wildlife and over 18.6 billion hectares trapping many families off from essential services. We then saw a pandemic that has fundamentally impacted the way we live, the way we learn and the way we deliver health care, and it will continue to do so for some time.

What did this mean for pharmacists? Simply, never has the value of pharmacists been more pronounced than in 2020.

We saw hospital pharmacists step up and plan for shortages in critical areas such as surgery, ICU and palliative care, we saw community pharmacists deal with panic buying, severe medicines shortages all the while keeping the doors opening and delivering record immunisation season.



We saw the value of having timely access to up to date, accurate and reliable information. The PSA Corona virus page that details all pharmacists related COVID updates and had over 100 000 hits per month. <https://www.psa.org.au/coronavirus/>. For a profession of 32 000 this is colossal. The site remains a critical resource as we see developments of COVID-19 vaccines delivered by pharmacists and each state in varying stages of lock down.

It was and continues to be a year of changes for academic pharmacists and pharmacists working in policy, particularly government. A year where we have never seen so many changes to legislation affecting pharmacists in such a short period of time. These included:

- Expansion of immunisations pharmacists can administer to include travel vaccinations and COVID-19
- Reduction in age for immunisation to 16 with meningococcal and influenza from 10.
- Expansion of emergency supply provision – meaning a full pack can be supplied without prescription (a common-sense increase from 3 days) with those on the PBS, subsidised for the first time.
- Rapid roll out of electronic prescriptions – many years before expected
- Pharmacists providing telehealth consults
- Pharmacists paid for follow up consultations for HMRs and RMMRs. A massive step forward towards a cycle of care and;
- We saw funding towards pharmacist's role in Palliative Care and Transitions of Care amongst many others.

As we said goodbye to 2019, Medication Safety was announced as Australia's 10th National Health Priority Area. This was in response to PSA's Medication Safety report highlighting 250 000 hospitalisations per year, due to medication misadventure, half of these preventable and a clear role for pharmacists.

To solve this, we need pharmacists wherever there are medicines – the growth in the industry will continue across all areas of pharmacy –including community, hospital, General Practice, Aged-Care, Aboriginal Health, Palliative Care, Disability and Transitions of Care.

PSA membership is free for all students, so if you are not a member – simply call 1300 369 772... Or visit <https://psa.secure.force.com/membershipsignup> – and we will keep you connected.

PSA intern program is the leading national intern program and for all those choosing PSA, I look forward to seeing you thriving in your intern year with membership as part of your ITP. For those of you choosing other providers – PSA membership will give you access to all the value of members at a heavily reduced rates so sign up before you get started.

For those of you finishing this year best of luck with your next career move. Know that PSA is here to support you. Attending the QPSA graduation dinner this year gave me tremendous sense of pride to see that the profession is in great hands.

A massive thank you must go to QPSA, in particular the outstanding Eilis Rigby for your work and dedication and the work you have done with the PSA. You have toiled tirelessly this year and the profession and organisation is in a better position now than when you started.

Looking forward to working along side QPSA in 2021!



The Pharmacy
Guild of Australia



INTERN TRAINING PROGRAM

UQ STUDENTS LOVE THE GUILD INTERN TRAINING PROGRAM

Providing a balance of clinical and pharmacy practice knowledge, along with the best exam preparation, the Guild Intern Training Program (Guild ITP) aims to ensure our interns are the most employable newly-registered pharmacists in Australia.



I found the Guild Program assessments helped me make the most of my intern year. I liked that the portfolio topics were open ended as it allowed me to focus on areas of pharmacy that I was interested in which made the year more enjoyable. I think people should do the Guild ITP because the workshops really prepare you for exams and I felt the program encouraged me to be a better pharmacist."

- ANNA HICKEY
UQ Alumni and Previous Guild Intern



INCLUDES

FREE

VACCINATION &
MMR TRAINING

ENROLMENTS ACCEPTED YEAR ROUND
internpharmacist.com.au/interns



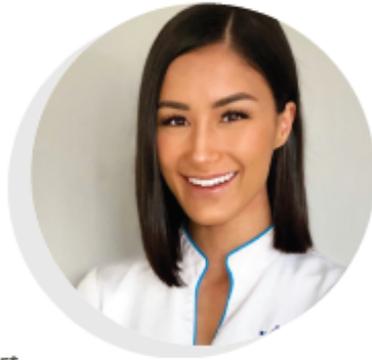
GET THE COMPETITIVE EDGE

WHY STUDENTS CHOSE THE GUILD ITP



If you're looking for an intern program that is value for money, that will give you the support needed but also your own autonomy to be able to practice as a pharmacist, then the Guild ITP is the perfect program for you. I enjoyed the Guild ITP because it provided a really well balanced lifestyle between study and work, which then enabled me to focus on work and be there for my patients."

- LUCINDA KENNY
Previous Guild Intern



The Guild ITP has left me extremely prepared for my future career. With the flexible program I have finished my internship with a sound knowledge and am easily able to solve any problems that arise. The program itself offers a flexible, manageable workload with great support from a team of friendly, experienced clinical tutors. The assignments and portfolio have helped me to think of things in a different, better way and has greatly impacted my day to day practice in a positive way."

- JACK MILTON
Previous Guild Intern



WHAT DO OUR TUTORS THINK

I find our interns are very engaged with our core educational content and equally as engaged with our optional extras such as conference attendance, extension activities on the learning portal and our immunisation courses.

Our workshops and assignments are clinically challenging but also highly relevant to both community and hospital pharmacists.

As a previous Guild Intern myself, I can definitely state that our interns love our workshops as much as the tutors do!"

- SOFIA CABRERA
ITP Tutor



ENROL AND GET THE COMPETITIVE EDGE
internpharmacist.com.au/interns

Spotlight Article

Amelia Cossart

PhD Candidate BPharm; BHSci(Hons)

School of Pharmacy, The University of Queensland

In my final year of my Bachelor of Pharmacy (UQ), I had the opportunity to travel to the USA for my QUM research placement. I was placed at Ground Zero Pharmaceuticals, which is just up the road from Disneyland! Ground Zero pharmaceuticals is a drug consultancy company that supports drug companies to deliver their product (e.g. a new drug) to the Food and Drug Administration for approval. This placement opened my eyes to new possibility and helped me realise that my pharmacy degree could take me in a direction that I hadn't previously considered - research fed that part of me that really wants to make a difference. In the words of Dr Seuss: "You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. You're on your own. And you know what you know. And YOU are the one who'll decide where to go..." So, I came back to the School of Pharmacy, firstly completing postgraduate Honours in 2016, and then commencing my PhD in 2017. My study population is elderly kidney transplant recipients, approximately six weeks post-transplant. These patients are given a second chance at life with the precious gift of a new kidney. They will do everything within their power to stay well and ensure their new kidney is well looked after. Oftentimes that means staying nearby the hospital for six weeks post-surgery. For the rest of their lives, these patients must take three crucial medicines called immunosuppressants, which work to stop their body rejecting the new kidney. Unfortunately, immunosuppressant medicines can have severe, debilitating side effects including skin cancer, diabetes, depression, heart disease and diarrhoea. This means that even if the new kidney works well after transplantation, elderly recipients can experience medication harm and even die as a result of these side effects. This makes dosing and monitoring of these medicines even more crucial in elderly transplant patients. However, currently, there is no special considerations - elderly recipients are dosed exactly the same as younger adults. We know that as we get older, a drug's effect on the body as well as the body's effect on the drug changes, and this can be because it takes longer for drugs to take effect, their duration of action may be longer, and this is linked to side effects, with side effects both more common and more pronounced in older populations. However, despite this general understanding, we don't yet clearly understand the effects of aging on immunosuppressant medicines. The first phase of my research is looking at the effectiveness of the three most common immunosuppressant medicines: tacrolimus, mycophenolate and prednisolone. To do this, we are taking 13 blood samples over 12 hours (a full area-under the concentration-time curve (fAUC) profile) to measure systemic drug exposure, in a sample of elderly kidney transplant patients.

We will then see if there is a difference in normalised exposure between elderly and younger adult recipients. We expect to find that smaller doses can be used in elderly recipients, so patients can have the best, safest outcomes from their anti-rejection medicines, and patients can live longer, happier lives with their new kidney. The second phase of my research is building on my Honours research which identified the rate of, and barriers to adherence in renal transplant patients at the Princess Alexandra Hospital. I work with a group of researchers who have an interest in beliefs and attitudes toward medicines, and how this influences behaviour. This phase is qualitative, and endeavours to explore medication-taking behaviours and how elderly patients cope with a complex regime. We know that despite receiving extensive education about the importance of taking immunosuppressant medications, patients are often non-adherent. Therefore, in order to better support elderly recipients, we believe semi-structured patient interviews will enable us to gain insight into the reasons for and drivers of their medication-taking behaviours. Both my Honours and PhD years have developed my research skills - organisation, data processing, team work and communication. But just as importantly, these years have strengthened my relationships, and taught me 'balance'. I wouldn't be the person I am today without my supporters - they are my confidants, my cheer squad, and through their guidance, I've learnt to dance in the rain. Undoubtedly, this journey has been tumultuous, because life never goes exactly to plan (and if it did, wouldn't life be boring?), but what remains steadfast is my passion for research. When you find what you love, go at it full force; don't hold back! It is humbling to know that what I am doing is working to better our understanding of immunosuppressant medicines, which ultimately, should improve patient centred care in the elderly transplant population. Because to me, that's what research all about - it's about that sense of discovery, and knowing that what we are doing is trying to make a difference in the lives of us, the people.



Resilience and empathy study

Pharmacy (students) - resilience and empathy - we need your help: As part of our exploration of resilience and empathy in pharmacists we need your help in finding out what may appeal to undergraduate students, encouraging their participation in surveys of resilience and empathy measures. Both resilience and empathy are regarded as important qualities in health professionals and strengthening them (if necessary) will prepare pharmacy students and pharmacists for future work challenges and a satisfying career. What would convince you to participate in online surveys exploring these two qualities? Let us know what has to be in it for you. Please email us if and we will get in touch with you to hear your opinion. Dr Karen Luetsch k.luetsch@uq.edu.au or Syafiqah Binti Halimi s.bintihalimi@uq.edu.au

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Gallery: QPSA 2020



Gallery: QPSA 2020

