



UNSW
SYDNEY

Australia's
Global
University

St Vincent's Clinical School

2018 Annual Report



St Vincent's Hospital

50
YEARS

Acknowledgment of Country

The Clinical School acknowledge and honour the Aboriginal Elders of the Gadigal People of the Eora Nation, those who once lived here and first walked this land and to their descendants who maintain these spiritual connections and traditions. We acknowledge that the Gadigal people occupied and cared for this land over countless generations and we celebrate their continuing contribution to the life of this region.

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Introduction from our Head of School

Professor Jerry Greenfield

Clinical Associate Dean

2018 has been a particularly important year for the St Vincent's Clinical School. In the main, this was due to the fact that we turned 50!

Since 1968, when Professors Doug Tracy and John Hickie commenced their posts as the Professors of Surgery and Medicine respectively, hundreds of medical students have been educated by the dedicated and hardworking Conjoint readers of this Annual Report. Indeed, the over 500 Conjoints in our Clinical School, who give freely of their precious time year after year, form the flesh on the beast that is our School, the skeletal backbone of which is formed by our talented Clinical Academic Physicians and Surgeons. Over the last 12 months, we have made special efforts at enhancing the engagement of as many Conjoints as possible, through Departmental meetings, the monthly School Newsletter, new awards (Annual Thesis prize and travel awards), Research Week activities and at the Annual Conjoint Dinner. At this years' dinner, we were treated by the attendance of past leaders of our School, including Professors Reginald Lord Senior, Peter Brooks and Terry Campbell. All reminded us of the history of the School and the strong foundations on which we are built.



Past and present leaders: Prof Peter Brooks, Prof Allan Spigelman, Prof Terry Campbell, Prof Reginald Lord Sr and Prof Jerry Greenfield

First and foremost, our main role is education and teaching. Equally important is research, which is undertaken at St Vincent's Hospital, the Centre for Applied Medical Research, the Garvan Institute of Medical Research and the Victor Chang Cardiac Research Institute. We continue to enjoy good relations with Professor Terry Campbell, Head of Research, St Vincent's Health Network, Sydney; Professor Chris Goodnow, Director of the Garvan Institute, Professor Robert Graham, Director of Victor Chang and A/Professor Anthony Schembri, CEO of St Vincent's Health Network, Sydney.

In our vein of Conjoint engagement, we have endeavoured to ensure that the Conjoins in our School are appropriately recognised for their efforts in teaching and research and indeed in their role as ambassadors for UNSW Sydney. Congratulations go to all of you who have received promotions in 2018 – this is a way of recognising your ongoing and future contributions to our School. Indeed, we have been actively promoting and involved in a review of all things Conjoint in UNSW Medicine, which will hopefully improve the life of Conjoins, particularly in relation to promotion to higher levels. When one considers the teaching provided by Conjoins and their research outputs relative to opportunity and time, the results are even more impressive.

On a sombre note, we lost one of UNSW's greatest minds, Professor David Cooper, an excellent clinician, a world-recognised leader in HIV and Immunology and, as we all know, a lovely and humble human being. At a moving memorial service at the Town Hall, David's colleagues, patients, family and friends spoke beautifully of the amazing researcher, doctor and person that David was. He led the world in fighting the HIV epidemic and leaves a legacy that we could only ever dream of. For me, David was a supportive and knowledgeable colleague, whose ready advice and wisdom I will miss forever.

The School could not function without the hard work and expertise of our Clinical Academics, Professors Allan Spigelman and Ric Day, A/Professors Bill Sewell, Jane McCrohan, Elgene Lim and Mark Danta and Drs Rohan Gett, Darren Gold and Anthony Chambers. All are supported by the talented administrative team, headed by our School Manager, Melinda Gamulin, and comprising Laura, Alison, Leanne, Thuy and Cassandra.

On a personal note, I have had a rewarding year engaging with all of you – collectively, we have made, and will endeavour to continue to make, the experience of medical students at St Vincent's Hospital rewarding and worthwhile, whilst simultaneously maintaining the high academic standing that our School and its associated clinical and research partners are held in. I look forward to working with all of you in 2019 to further our joint ventures and to ensure that we mutually benefit from the association that we have. Thank you for your support and efforts in 2018.



Director of Medical Student Education Report

Dr Rohan Gett

Lecturer

2018 has been another great year at the St Vincent's Clinical School of the University of New South Wales. The School has hosted 129 Phase 1 students, 44 Phase 2 students and 75 Phase 3 students. In addition, 23 Independent Learning Project students have completed their original work at St Vincent's Hospital. There have also been 40 elective students from all around the world and 48 Clinical Transition students preparing for their internships. This has made for a great deal of knowledge being acquired in lectures, seminars, case method tutorials and bedside teaching right across the St Vincent's Hospital campus.

There have been some new teaching initiatives this year. Professor Jacob Sevastos has led a renal masterclass welcoming students from all years and both universities. Similarly, Dr Liang Joo Leow ran highly informative regular teaching sessions within his private Dermatology clinic. Plastic surgery has been strongly represented with Dr James Southwell-Keely and Dr Roger Haddad sharing the finer arts of surgical technique and suturing with our senior students. These sessions have run in parallel with numerous other "older" teaching sessions encompassing not only internal medicine and surgery but also all of the sub specialties.

Socially, the doctors vs students soccer game was again a resounding success with Professor Danta's All Stars winning their clash of ages 4-2. There was a successful conjoint lecturer engagement dinner and a productive half day retreat for the admin and academic staff to generate innovative ideas for 2019.

All in all, it was an exciting and productive year. I wish to congratulate all of the students who have studied at the Clinical School for the efforts and patience. I particularly wish to commend those students who won prizes for high achievement in medicine, surgery and ILP grand round presentations. Finally, I wish to thank the Clinical Staff; Alison, Leanne, Cassie, Laura and Melinda who have shepherded the students, academics and conjoins through their teaching programs and venues for another hectic 12 months.



Administration Update

Melinda Gamulin
Clinical School Manager

2018 has been another busy year for the St Vincent's Clinical School and I would like to thank my administrative team on another successful year. Thank you for all your hard work and efforts.

In May, we held a School planning day at the UNSW city office, 1 O'Connell Street, Sydney, for all the School academic and administration staff to have a half day out of the office to work on our School Strategic Plan and School vision for the next 5 years. This will be published in 2019 after the release of the Faculty of Medicine's strategic plan.

There have been a few staff movements with Alison Cullen, Education Support Officer returning from maternity leave in late May. I would like to thank Leanne McQuiston, our Education Support Administrator, who did an amazing job in the role while Alison was on leave. We also said goodbye to Kate Steele who filled in for Leanne during this period, I wish her all the best in her future endeavours.

This year marks the School's 50 year anniversary and affiliation with St Vincent's Hospital and in October 1968 our first UNSW chair appointments were made. To celebrate this, at the Conjoint Dinner we invited our previous Heads of Department/School as such Emeritus Professor Peter Brooks, Emeritus Professor Reginald Lord Snr and Emeritus Professor Terry Campbell to reflect on their time at St Vincent's Hospital. This annual report is a special edition to reflect our anniversary and in the October school enewsletter we published photos of our founding Professors, Professor Doug Tracy and Professor John Hickie which you will see later in this report.

The School could not function without the support of Conjoint staff, St Vincents Hospital, the Faculty of Medicine, UNSW, the local community and the patient population and, of course, our student body. We value the contribution of these individuals and groups and look forward to their ongoing support next year.

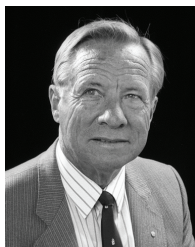
50 Year Anniversary

In 1968, St Vincent's Hospital transferred its affiliation from the University of Sydney to the University of New South Wales. This gave the University of New South Wales one of its first teaching hospitals.

The hospital appointed two academic chair positions Professor John Hickie (Medicine) and Professor Douglas Tracy (Surgery). These chair positions showed a significant partnership between the University and the Hospital which still continues today.

Over the years, the School has established many teaching initiatives such as Train the Trainer and Teach the Teacher. We hold an annual Conjoint Staff Member dinner, an annual Conjoint Staff Member photograph and an annual Doctor's V's Students Soccer Match. The School has also participated in community engagement initiatives such as raising money for the Kinghorn Cancer Centre by doing the Nun's Run in 2009, sending students to Rough Edges, Gorman and Tierney House and we have raised money for people living with Paraplegia. Sydney Grammar final year students also come to the hospital each year to learn what it is like to be a doctor and have a tour of the Emergency Department and learn some clinical skills.

Former & Current Heads of School



PROFESSOR G.D.
(DOUG) TRACY
1968 - 1986



PROFESSOR JOHN
B HICKIE
1968 - 1991



PROFESSOR REGINALD
LORD
1969 - 2004



PROFESSOR PETER
BROOKS
1991 - 1998



PROFESSOR TERRY
CAMPBELL
1998 - 2007



PROFESSOR ALLAN
SPIGELMAN
2006 - 2016



PROFESSOR JERRY
GREENFIELD
2016 - Present

Significant Dates

1870

20 October, St Vincent's Hospital opens at Darlinghurst.

1886

13 June, St Vincent's Hospital recognised as a medical teaching hospital affiliated with University of Sydney.

1923

St Vincent's Hospital approved by the Senate of University of Sydney as a Teaching Hospital and Clinical School.

1964

3 May, The Cator Building and medical students residence opened by Sir Robert Menzies.

1967

14 March Memorandum of Agreement between St Vincent's Hospital and University of New South Wales signed.

1968

St Vincent's Hospital changed teaching affiliation to UNSW and first Academic Chairs appointed; Professor Hickie & Professor Tracy.

1969

10 February, Medical and Surgical Professorial Units opened. 45 medical students from UNSW commenced their training at St Vincent's Hospital.

2004

New UNSW undergraduate Medicine Curriculum introduced.

2005

Clinical School Administration office moves from Level 1 Cator Building to Level 5, deLacy Building.

2006

The Independent Learning Project (ILP) program in effect.



St Vincent's Hospital, 1930s.



Cator Building Common Room.



St Vincent's Hospital Clinical School, 1964.



St Vincent's Hospital, 2018.

Awards & Acknowledgements

2018 Queens Birthday Honours

Member in the General Division of the Order of Australia (AM)

Dr Terence O'Connor, Conjoint Senior Lecturer, for significant service to medicine, particularly as a colorectal surgeon, and as an educator, clinician and administrator of medical organisations.



Dr Salim Maher

2018 Clinical School Tutors of the Year

JMO Tutor of the Year: Dr Katherine Jones

RMO Tutor of the Year: Dr John Colgan

Registrar Tutor of the Year: Dr Salim Maher

Consultant Tutor of the Year (SVH):

A/Professor Graham Jones

Consultant Tutor of the Year (SVPH/SVC):

Dr Darren Gold



Malin Schumacher

2018 Student Awards

St Vincent's Clinical School Prize: Romy Ehrlich

Doug Tracy Prize for Surgery: Adrian Law

John Hickie Prize for Medicine: Romy Ehrlich

ILP/Honours Grand Rounds Presentation Prize: Jared Engelman

ILP/Honours Project Prize (2017 Project): Olivia Harley

Dr Michael Armstrong Prize: Vanessa Wan

Student Researcher of the Year Award: Malin Schumacher



A/Professor Elgene Lim (left)

2018 Clinical School Staff Awards

School Publication Prize: A/Professor Elgene Lim

School Research Prize: Professor Ric Day

School Community Service Prize: A/Professor Elgene Lim

Teaching Conjoint of the Month

Introduced in 2017, The Teaching Conjoint of the Month award recognises exceptional teaching by our affiliated conjoint staff. The Clinical School would not function without the generous assistance and support of our dedicated Conjoint staff and their tireless contributions to teaching. Whether it is taking a group of students on a bedside tutorial, offering procedural skills sessions, marking assignments, or stepping in at the last minute to help out with examinations, we are grateful for the many talented doctors and professionals who positively inspire and foster our students' learning despite busy work schedules.

Congratulations to the following Conjoint teachers of the Month for 2018!

JANUARY *A/Professor Nick Brennan*

A/Professor Brennan has been a conjoint since October 2006 and does the following teaching - Ph3 Bedside, Ph3 Supervisor and QUM assignment marker.

FEBRUARY *Dr Matthew Irwin*

Dr Irwin has been a conjoint since September 2017 and does the following teaching – P2 Bedside, P3 Surgical Skills, PRINT skills and VIVA practice.

MARCH *Dr Liam Beiglari*

Dr Beiglari has been a conjoint since May 2017 and does the following teaching – Ph1 tutor and Ph3 Bedside.

APRIL *Dr James Iliff*

Dr Iliff has been a conjoint since November 2016 and teaches Graduate Entry beside, P3 examinations and assignment marking.

MAY *Dr Amir Kalanie*

Dr Kalanie has been a Conjoint since December 2016 and is involved in bedside teaching, assignment marking & Phase 2 and 3 Examinations.

JUNE *Dr Timothy Small*

Dr Small has been a Conjoint since July 2013 and is involved in Phase 2 bedside teaching, Ortho skills, P2 assignment marking and Phase 3 examinations.

JULY *Dr Erez Ben-Menachem*

Dr Ben-Menachem has been a Conjoint since April 2012 and is involved in Phase 2 skills workshops, Phase 3 Supervisor and Anaesthetics Tutorials.

AUGUST *Dr Emily Stone*

Dr Emily Stone has been a Conjoint since November 2011 and is a Phase 3 supervisor and facilitator for Phase 3 Med Case Presentations.

SEPTEMBER *Dr Kevin Maruno*

Dr Maruno has been a Conjoint since March 2011 and is a Phase 3 examiner, ED tutor and supervisor and PRINT tutor.

OCTOBER *Dr Patricia Reyes*

Dr Reyes has been a Conjoint since December 2016 and is a Phase 2 tutor and supervisor.

NOVEMBER *Dr Ann McCormack*

Dr McCormack has been a Conjoint since February 2011 and is a Phase 3 supervisor, examiner and ILP supervisor.

DECEMBER *A/Professor John Raftos*

A/Professor Raftos has been a Conjoint since August 2010 and is an ED tutor, Viva assessor, case presenter and ILP supervisor.

2018 Events

Doctors Vs Students Soccer Match

It was a perfect sunny day on Friday 4th May for the annual Doctors v Students soccer match, held at Weigall Oval, Sydney Grammar's sporting field.

The Doctors started the game with only 9 players but managed to score first goal with Robbie Stuart. Score 1-nil at quarter time to the doctors. By the second quarter both teams had enough players and 4 substitutes each. Mark Danta made a brilliant save, the students were attacking and were sure to score but the doctors saved it off their line to give the students their first corner for the match.



Action on the field.

Two students clashed attempting to head the ball and one came away with a bloody nose – it was then Ron to the rescue to fix him up on the sideline. Match continued and the students has several shots on goal but they kept going over the cross bar. Simon Donaldson made a fast break away with the ball for the doctors and the goalkeeper for the students' side had no chance, score was at 2-nil with the doctors in the lead. The students rallied and fought back with the support of the sideline, and James Sindone scored to make it 2-1 at the end of the second quarter. Special mention to Romy and Emily being the star female players for the day.

One of the students did a pass back to the keeper which resulted in an indirect free kick to the doctors, but it was a save. Not long after, Tom Crofts was in the right place to get the ball and slot pass the keeper to make the score 3-1 for the doctors team with only one quarter remaining in the match.

The doctors got a goal awarded from an unfortunate header from a student into his own team's net. Score 4-1. Student, Mitchell Fung scored for the students with a brilliant header off Jarrod's corner but couldn't save the match with the final score going the Doctors way of 4-2.

The doctors record their 4th win in a row since the inception of the annual challenge and a delighted Mark Danta accepted the trophy from Professor Spigelman, who initiated the fixture in 2010. The doctors and students then ended the afternoon with the traditional sausage sizzle prepared by school staff.



The winning team of 2018!

As always, a big thank you to Sydney Grammar School for the use of their Oval and BBQ facilities. Special mention also to Ronald Craig from SVH Transport Department for his assistance with minor injuries from the match. Special thanks to Dr Steven Faux for refereeing the match every year.

Scorers:

Doctors: Robbie Stuart, Simon Donaldson, Tom Crofts, (own goal by student)

Students: James Sindone, Mitchell Fung

Strategic Planning Day

The School's Academic and Administration Staff spent a half-day off site at the UNSW City Campus, 1 O'Connell Street, Sydney on Friday 12th May, to plan our next strategic plan, vision and goals for the next five years. Five themes emerged as our key focus – Improving Education of Undergraduate Students, Enhancing Research Output, Maximising Post Graduate Student Involvement, Community Engagement for UNSW/ SVH precinct and Conjoint Staff Engagement.

The School's strategic plan will be finalised in 2019.

Annual Conjoint Appointee & Clinical School Dinner

The Clinical School's annual conjoint dinner was held on Thursday 9th August at Buon Ricordo Ristorante, Paddington. This year's event was especially celebratory given it is the 50th Year Anniversary of the Clinical School. Amongst the invited guests were St. Vincent's Campus Executives and former Heads of School; Emeritus Professor Peter Brooks, Emeritus Professor Reginald Lord and Emeritus Professor Terry Campbell. Guests dined on a lovely Italian two course meal while mingling with School academics and administrative staff. Throughout the night, our Emeritus Professors spoke of their memorable experiences as former leaders of the School and gave appreciation for St Vincent's & UNSW continual affiliation.



St. Vincent's Campus Research Week

The St Vincent's Campus Research Week is a celebration of the remarkable depth and breadth of translational health research undertaken across the St Vincent's Darlinghurst precinct and its sister entities.

This year marks the inaugural appearance of St Vincent's Clinical School UNSW Medicine booth at St Vincent's Campus Research Week. The booth was highly successful in engaging patients, visitors, St Vincent's Hospital staff and students, and high school students visiting for the day. Activities at the booth included; showcasing of our teaching programs (undergraduate medicine, undergraduate and postgraduate research, postgraduate coursework in Pharmaceutical Medicine) and research efforts of our academics, conjoint staff and students (ILP poster slideshow, research achievements and presentations videos); St Vincent's Clinical School engagement survey (teaching/patient recruitment/research etc.); patient recruitment and clinical studies; research quiz; pathology pods display & quiz; social media engagement; UNSW merchandise giveaways.

Our students performed well throughout Research Week and won all three of the Chairs' Choice Awards for 'Fast Forward Oral Presentation'. Andrew Coulshed, ILP medical student, Department of Clinical Pharmacology & Toxicology, was awarded the prize on Monday, 10th September, for his presentation "Determining patient perspectives on the impact of gout". Kevin Hendrawan, PhD Student, Haematology Department, St Vincent's Centre for Applied Medical Research, was awarded the prize on Tuesday, 11th September, for his presentation "Rebooting the immune system in autoimmune diseases using autologous stem cell transplantation". Angela Sheu, PhD Student, Osteoporosis and Bone Biology laboratory, The Garvan Institute of Medical Research, was awarded the final prize on Wednesday, 12th September, for her presentation "Fracture in type 2 diabetes confers excess mortality".



Prof Jo-Ann Brien and Andrew Coulshed.



Kevin Hendrawan and Dr Winnie Tong.



Angela Sheu and Prof Elizabeth McInnes



End of Year Fuction & Year 6 Farewell

This year, we held a combined End of Year Function & Farewell drinks for our final year medical students at the Bellevue Hotel in Paddington. The event was well attended by the majority of the 6th Year students, Clinical School academics and staff members.

The Director of Medical Education, Dr Rohan Gett, announced the winners of 2018's Student & Staff awards, and the Tutors of the Year awards. The students also presented their own prizes before surprising our Education Support staff, Alison Cullen and Leanne McQuiston, with gifts in appreciation for all their support.

The night was an enjoyable and lively send off for our senior students who will be embarking on their medical careers as interns in 2019. We wish them all the best in their future ventures.





St Vincent's Hospital

Conjoint Associate Professor Anthony Schembri

CEO, St Vincent's Health Network Sydney

As I write this foreword, I have just seen the announcement that our St Vincent's Oncology Clinical Trials Unit has won the NSW Premier's Award for best Cancer Clinical Trials Unit in the State.

We have seen huge increase in recent years of our endeavours in Oncology and Haematology clinical research trials. From Phase 1 through to Phase 4 trials, we have dramatically increased our clinical research in recent years to ensure that we provide our patients with the most effective and cutting edge treatment, particularly in light of our focus on personalised and precision medicine.

I share this award in the context of the huge difference our teaching and research makes in transforming the quality of care across our Campus. The main driving forces behind this transformation in our clinical trials at The Kinghorn Cancer Centre are conjoint appointees working across UNSW in addition to their St Vincent's clinical roles.

Similarly, when you think about the Campus' international status in HIV, there is no surprise that the interrelationship between St Vincent's and UNSW has played an important role and that again, the key driving forces including Ron Penny and the late David Cooper divided their time between their clinical, research and teaching endeavours to achieve all that they did.

Indeed across all our clinical specialties we have witnessed a sizeable increase in our cutting edge treatments, with so much of this being driven by those working across UNSW and St Vincent's.

This year we were fortunate to open our new purpose-built Haematology and Bone Marrow Transplant ward on 9 South comprising 20 single negative pressure rooms. The new Unit is enabling us to continue our pioneering stem cell work which goes back to 1975 when St Vincent's performed the country's first bone marrow transplant.

On our Campus, our work in integrating our clinical, research and teaching endeavours is a game-changer; now, and indeed into the future as we go about our Campus-wide masterplanning.

The central driving force of this planning is the St Vincent's Integrated Healthcare Campus Darlinghurst Clinical Services Strategy 2027, launched last year, which represents St Vincents' future vision for the Campus to meet and adapt to the clinical, scientific, pastoral and financial challenges of healthcare in the 21st century. This planning process is critical in order for the Campus to continue to thrive.

After extensive consultation with staff and key stakeholders, St Vincent's has formulated this Clinical Services Strategy

which outlines six key strategic commitments.

Among these are precision healthcare, new ambulatory models of integrated care, telehealth to reach regional and rural patients and to be a destination for world-class treatment, research and training. Importantly, we will also continue to advocate for and deliver compassionate care to the poor and vulnerable in the spirit of Mary Aikenhead and the Sisters of Charity.

Currently the Clinical School is involved in a variety of projects that relate to all six of these strategic commitments, and no doubt as we start to bring our building and infrastructure needs to life, in particular the Cahill Cater and West Street projects, we have no doubt that UNSW will be there with us, shoulder to shoulder, as our partners.

On an operational level, the Campus continues to go from strength to strength, achieving unsurpassed clinical outcomes and nurturing a staff culture where employees feel very much part of the St Vincent's community fabric.

St Vincent's has become one of the best performing surgical hospitals in the NSW Health system having consistently met all our elective surgical targets. Again we undertook a record amount of heart/lung transplants which was particularly apt given we celebrated both our 1000th heart and 1000th lung transplant milestones during this period.

Similarly, our clinical research endeavours have been growing rapidly with a significant increase in clinical trials activity since 2013 from 147 clinical trials to 247 clinical trials in 2017.

One of our major research objectives is to harness the capabilities of precision medicine on the Campus, and nearly two years on since St Vincent's launched Australia's first Public Clinical Genomics Unit in collaboration with the Garvan Institute of Medical Research to provide whole genomic sequencing, the Unit has been growing rapidly, revolutionising care.

Also related to St Vincents' precision medicine endeavours is the Campus' leadership role in theranostic prostate therapy trials which has attracted multi-million dollar funding through the NSW Cancer Institute in the past twelve months.

The St Vincent's Emergency Department treats many patients with both mental health as well as drug and alcohol related conditions, so we were excited to recently commence construction of an innovative Psychiatric Alcohol and Non-Prescription Drug Assessment (PANDA) Unit as part of \$14 million Emergency Department enhancements that will reconfigure the physical space in the Emergency Department to directly address projected growth in Emergency presentations.

Once completed next year, the six bed PANDA unit will be collocated with an expanded Psychiatric Emergency Care Clinic (PECC) to improve the assessment and treatment of patients with mental health and drug and alcohol related conditions.

As you know, we are a founding partner with SPHERE - the Sydney Partnership for Health, Education, Research and Enterprise. It is a partnership of 14 education and medical research organisations joined together to collaborate on program development to improve the health and wellbeing of the communities they serve and the NHMRC has recognised SPHERE as an Advanced Academic Health Science Centre. I am delighted that in the short life-span of SPHERE, the partnership is already yielding terrific results.

Despite their diversity, the achievements I have mentioned here share a common theme in that they probably would not have come about if not for our unshakable partnership with UNSW and the Clinical School. As we grow our research and teaching endeavours and pursue our master-planning to future-proof the St Vincent's Campus over the coming decades, the strength of our relationship with UNSW has become all the more important.

St Vincent's Clinic & St Vincent's Private Hospital

St Vincent's Private Hospital Sydney and St Vincent's Clinic are collectively very proud of our long-standing involvement with the UNSW Clinical School. We recognise the importance of gaining real world experience in real world situations and strive to ensure we create the right environments for bright and enquiring medical students. We continue to sustain this tradition by providing practical clinical experience in private sector settings to UNSW students, along with their fellow medical and nursing student colleagues from Notre Dame University and partner universities.

As with previous years the placements and/or activities provided to students at our facilities have included:

- *Placements in the Operating Suite, Day Surgery Unit, Patient Care areas and Pre-Admission Centre run by St Vincent's Private Hospital; and*
- *Experience gained in the private rooms of the St Vincent's Clinic VMOs*

Once again, the St Vincent's Clinic awarded a prize for the best student's Independent Learning Project. We congratulate the 2018 recipient Olivia Harley for her work on the "Quality of life post Extracorporeal Membrane Oxygenation (ECMO)". St Vincent's Private Hospital Sydney and St Vincent's Clinic is also pleased to congratulate Dr Darren Gold who was awarded the SVC Tutor of the Year prize.

Many of the doctors at the Clinic have obtained the title of Associate Professor or Professor as result of their involvement with UNSW. This year, 75 students and 30 doctors from SVPH and SVC from a number of disciplines participated in this exciting education programme. We hope that many more titles and accreditations will be given in the future as we explore strategies to increase practical teaching opportunities that complement the theoretical studies.



Geoff Alder
CEO, St Vincent's Clinic



Tim Daniels
CEO, St Vincent's Private Hospital

2018 Community Project

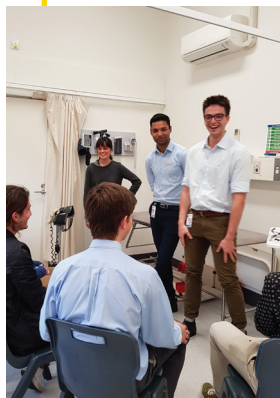
Sydney Grammar visit



On the 23rd of August, Ms Rita Fin arranged for a group of boys from Sydney Grammar School along with their careers master, Mr. Peter Whild, to attend a tour of St. Vincent's Hospital followed by a workshop with some senior UNSW medical students. The afternoon commenced with a tour of the emergency department with Dr. Monique Cruz. Showing us around the staff working quarters, as well as the various facilities for treating different patients, she gave us an insight into what it meant to be a doctor or nurse working in the emergency department.

Following this was a brief talk from Dr. Rohan Gett, one of the Lecturers in Surgery at the hospital, before a short Q&A session with some fifth-year medical students. All of them were incredibly helpful, shedding light not only on the various entry pathways and clinical experiences, but also on their own backgrounds and aspirations in the field. Afterwards the visitors were split into two groups for brief lessons and skill sessions to give them a taste of life as a student of medicine. One group was given an introduction to the cranial nerve system before some practical tests involving various reflexes (including the well-known patella reflex). The other group was taught how to measure blood pressure with a traditional pump and stethoscope, a task which most of us found challenging. The afternoon finished with a crash course in making a back-slab designed for minor fractures.

Each boy found the afternoon very rewarding. It has helped not only in clearing some of the (at times intimidating) mystique of a medical degree but also given us an insight into life inside such a cohort as the one at UNSW, as well as an opportunity to see the daily routines of actual healthcare professionals and the environment in which they have to work. I am sure that all of us have been encouraged by the visit to study medicine at university.



Stephen McCarthy

Year 12 Sydney Grammar Student



Post Graduate Report

Associate Professor Mark Danta
Postgraduate Co-ordinator

The postgraduate environment at UNSW continues to evolve with many changes introduced in 2018. UNSW is moving to a four-term year in 2019 (3+ calendar), which will consist of three terms plus a summer term. This will improve the postgraduate process as it will allow much more flexibility within the higher degree research (HDR) process. Information about this can be found at the Graduate Research School's website.

Given the HDR changes at the campus level it has been important to communicate these through to Schools. David Simar, the Faculty Director of Postgraduate Research, gave an excellent presentation at the Garvan Institute outlining many of the changes. In summary these involve changes to supervision, candidature and thesis submission. The introduction of an Essentials of Supervision module is a course I would encourage all supervisors to complete. This outlines the roles and responsibilities that we all take on with HDR students and is now compulsory for new supervisors to complete. With respect to candidature management, the

Research Progress Review (RPR) has changed slightly with the introduction of mandatory milestones that are completed to evaluate the PhD progress through to the next RPR. This has all been updated in Graduate Research Information System (GRIS). With regard to thesis submission, this has been simplified so that a hybrid thesis is acceptable. A hybrid thesis is a thesis containing papers and unpublished work and this change should remove the confusion over thesis by publication. The approval process relates to the use of published work within the thesis and, rather than requiring HDC approval, this is signed off at the School level. Finally, as part of the thesis submission process, iThenticate, a plagiarism software package has been introduced. This will be the responsibility of the supervisor, who will have to state that the thesis has been checked by iThenticate before submission for examination. This procedure is in line with many other institutions.

At a local level, three new initiatives conceptualised at the School's Strategic Planning Day 2018 was recently announced in November by Head of

School, Prof Jerry Greenfield. St Vincent's Clinical School has introduced a HDR Thesis award to be presented to the candidate with the best Doctoral (or Masters) thesis as judged by a panel consisting of the Prof Jerry Greenfield, Head of School, and other School research academics. A HDR Travel Award to assist candidates travelling to international and domestic conferences to present their research will also be awarded twice a year. Finally, a monthly publication prize will be awarded, from which the annual prize will be selected. We hope this will encourage the ongoing success of research on the campus.

Students are obviously key in the HDR process. This was exemplified by 2nd year PhD candidate, Dr Jennifer Massey who competed at the Faculty and UNSW 3-minute thesis presenting "Resetting the immune system in Multiple Sclerosis". During St Vincent's campus Research Week, PhD candidates Kevin Hendrawan and Angela Sheu won the Chair's Choice Award at Fast Forward presentations. These students should all be commended. Related to this, student mentoring has been recognised as a valuable part of a successful HDR candidature. With the support of the Faculty we hope to introduce an initiative in peer mentoring on the St Vincent's campus next year.

The leadership of the GRS will change with Prof Laura Poole-Warren stepping down in 2019 and Prof Jonathan Morris becoming Dean of GRS. Laura has done a fantastic job in organising and modernising the Graduate Research School. The systems we now have in place make the candidature journey so much better for all involved. We hope Jonathan can keep this momentum going.

St Vincent's Clinical School remains one of the busiest Schools within the Faculty. Managing this Schools HDR responsibilities, I have to thank Laura Derkenne, the PGC administrator for all her excellent work. She has made the local processes so much smoother. In addition, Thanks again to Dr Tracy Anderson of the Garvan Institute and Prof Boris Martinac of the Victor Chang Cardiac Research Institute for their ongoing support of higher degree research students on the campus. I have every belief that 2019 will be another successful year for research education.

Clinical Pharmacology Update

This year has been another busy and successful year for Professor Ric Day and his team. Prof Ric Day and colleagues were successful in several 2018 research grants which will the team to continue their translational research. Dr Eindra Aung, Dr Matthew Coleshill, Marcel Schulz and Jacob Bechara have made great progress over the year on the NH&MRC Partnership Gout project 'Effectiveness of an electronic patient-centred self-management tool for Gout sufferers: a Cluster randomised controlled trial'. On the international front, Dr Sophie Stocker is a founding member of the inaugural Global Pharmacogenomics (PGx) Society, affiliated with the Pharmacogenomics Research Network (PGRN), and is on the Steering Committee for PGx implementation which aims to translate genetic research into routine clinical practice.

Associate Professor Melissa Baysari received the 'Branko Cesnik Award' for Best Academic and Scientific Paper (Usability of Reports Generated by a Computerised Dose Prediction Software) announced at the Australian Health Informatics Conference (HIC) in Sydney in August 2018. Dr Sophie Stocker was the recipient of St Vincent's Centre for Applied Medical Research 'Rising Star Award' during St Vincent's Campus Research Week in September 2018.

Dr Tamara Milder, PhD candidate, had an

honorable mention as a 'Clinical Poster Prize Finalist' for her poster presentation on 'Combination therapy with an SGLT2 inhibitor as initial treatment for Type 2 diabetes: A systematic review and meta-analysis' at the Australasian Diabetes Congress 2018. Both Ranita Kirubakaran, PhD Candidate, and Gina Chowdhury, MSc Candidate, were awarded the '2018 Student Scholarship Supplementation Scheme' from the St Vincent's Centre for Applied Medical Research.

The Clinical Pharmacology and Toxicology Department continually strives to achieve the 'Quality Use of Medicines' in every patient of St Vincent's Hospital and in the community. We look after and help patients who have had adverse effects or insufficient response from their medicines and interactions between their medicines.

This includes:

- *Inpatient service for the management and assessment of overdoses and poisoning,*
- *Consulting on therapeutic problems,*
- *Guidance on the usage of electronic medication management and decision support tools,*
- *Personalised and precision medicine where treatment is tailored to each patient accordingly,*
- *Research & teaching on medicines.*

As the first Clinical Pharmacology Unit established in Australia, today our Department is at the international forefront in discovering the reasons for variability in response to medicines and is one of the few hospitals in Australia accredited to train the next generation of clinical pharmacologists. The Department officially launched this year its Therapeutic Drug Monitoring (TDM) Advisory Service which is now available to provide dosing advice for vancomycin to all clinical teams in the hospital.

The ultimate goal of the Department of Clinical Pharmacology and Toxicology is achieving safe and effective therapy for every patient. Our cutting-edge research employs a multi-faceted approach, to understand the factors which contribute to the quality use of medicines. Our research focuses on personalised medicine for a range of therapeutic areas including endocrinology (diabetes), musculoskeletal disorders (gout), pain, cardiology, nephrology and infectious diseases. We are also researching methods of enhancing the safe use of medicines using electronic medication management (eMMS) and decision support tools, making use of critical patient-specific information such as organ function, drug concentrations and genetic markers that are relevant.

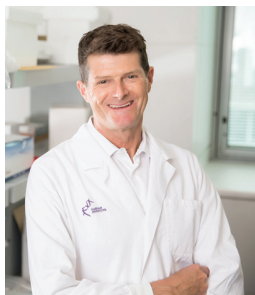
We are undertaking innovative research in predicting optimal drug dosing for individual patients using Bayesian forecasting and population pharmacokinetic modelling approaches. We are implementing these powerful

approaches to support a state-of-the-art therapeutic drug monitoring service which has the potential to revolutionise precision medicine at St Vincent's Hospital and beyond.

Specifically, we are undertaking internationally novel research in therapeutics in endocrinology (extending the use of metformin and empagliflozin), nephrology (metformin in chronic kidney disease, drug pharmacokinetics in acute kidney injury), gastroenterology (metformin in hepatic failure) and cardiology (metformin in heart failure), infectious diseases (therapeutic drug monitoring and personalising drug dosing for antibiotics, antifungal, and antiviral medicines in critical illness, including dialysis patients) and rheumatic disorders (gout) in the hospital setting as well as extending into primary care.

Our external research collaborations are many: George Institute of Global Studies and University of Sydney Physiotherapy for interventions for treatment of low back pain and osteoarthritis, the Australian Institute of Health Innovation at Macquarie University researching electronic health solutions, decision support approaches, and prediction of health outcomes, ANZ musculoskeletal clinical trials (ANZ MUSC), Australian Kidney Trials Network (AKTN) examining allopurinol as a treatment to slow progression of renal failure, and Prince of Wales Virology and Nephrology for antiviral prevention of Cytomegalovirus (CMV) infection.

2018 Research Highlights



2025 UNSW Futures Initiatives

Congratulations to Professor Chris Goodnow who was announced in October as the inaugural Director of the UNSW Cellular Genomics Futures Institute. The Institute is one of four virtual Future Institutes as part of UNSW's 2025 strategy and will combine an umbrella framework for broad interdisciplinary coverage across the University, with focal investment in research excellence initiatives through the SHARP program.



Diabetes Australia Millennium Award

Congratulations to Professor Jerry Greenfield and the Garvan's Diabetes and Metabolism Division/ St Vincent's Hospital Department of Diabetes and Endocrinology who received one of two Diabetes Australia Millennium Research Awards of \$150,000. The award will support Professor Greenfield's novel study of insulin resistance in people with type 1 diabetes – a group who have previously been thought only to have a defect in insulin production.

Nineteen UNSW HCR researchers in 2018

The number of UNSW and affiliated researchers recognised for high global impact has more than tripled in this year's list of Highly Cited Researchers. This incredible result brings UNSW to fourth place among the Group of Eight universities, rising from equal eighth in 2017. Our congratulations to Professor John Mattick and Professor Stuart Tangye from the Garvan Institute for making the lauded list.

UNSW Teaching & Research Awards

Congratulations to Dr Imogen Moran, recent PhD graduate, who received the Faculty of Medicine's award for 'Outstanding Contribution to Research by a Higher Degree Student'. Dr Moran was supervised by Associate Professor Tri Phan and Professor Robert Brink during her PhD at the Garvan Institute. Her discoveries of the follicular memory T cell, and the subcapsular proliferative foci as the site of memory B cell proliferation and differentiation into plasma cells are major research breakthroughs in furthering our understanding of how the immune system works.

NCCRED Director

Congratulations to Associate Professor Nadine Ezard who has been appointed as the inaugural Director of the National Centre for Clinical Research on Emerging Drugs (NCCRED). The NCCRED has been established to support the provision of clinical treatment interventions to people experiencing problems related to their use of methamphetamine and other emerging drugs of concern. They aim to bring clinicians and researchers together to embed research in clinical practice and translate and disseminate effective treatments into practice.

NSW Premiers Award for best Cancer Clinical Trials Unit

Congratulations to St Vincent's Oncology Clinical Trials Unit for winning the NSW Premier's Award for best Cancer Clinical Trials Unit in the state. A/Prof Anthony Joshua and Dr Richard Gallagher accepted the award and were acknowledged by the Cancer Institute NSW for bringing together SVH researchers and clinicians onto a single site, the Kinghorn Cancer Centre.



Eureka Prize for Scientific Research

Congratulations to Professor Sally Dunwoodie who was awarded the 2018 Eureka Prize for Scientific Research. The award recognised the importance of Professor Dunwoodie and her team's discovery of the potential of vitamin B3 to treat a molecular deficiency causing miscarriages and complex birth defects. Their finding could prevent developmental defects through a common dietary supplement, which might transform the way pregnant women are cared for around the world.



Prof Dunwoodie receiving her award from Prof Ian Jacobs, UNSW's Vice Chancellor.

UNSW Faculty of Medicine 3 Minute Thesis Competition

Dr Jennifer Massey, one of our School's conjoint lecturer and PhD candidate, placed second at the Faculty of Medicine's Three Minute Thesis competition in August 2018 with her presentation; "Resetting the immune system in Multiple Sclerosis". This is a huge accomplishment for a second year PhD candidate and deserves congratulations.



Dr Massey (left), with other Faculty of Medicine's 3MT winners.

St Vincent's Heart Lung Transplant Unit

The Heart Lung team have carried out the world's first angiogram on an ex vivo DCD heart to assess its coronary arteries, ensuring viability prior to successfully transplanting it into a patient. Heart Lung Transplant Unit Director and UNSW conjoint lecturer, Dr Paul Jansz said "that this was a major milestone and will take them one step further in our work to reduce the disparity between number of patients with end-stage heart failure and suitable donor-hearts that are available".



St. Vincent's Campus Research Week

The School was well represented at Research Week this year with three of our students taking home all three of the Chairs' Choice Awards for 'Fast Forward Oral Presentation 2018'. Congratulations to ILP student Andrew Coulshed, PhD student Kevin Hendrawan and PhD student Angela Sheu.

Congratualtions are also due to Dr Sophie Stocker, conjoint senior lecturer, for receiving the St Vincent's Centre for Applied Medical Research 'Rising Star Award' 2018.



Triple I 2019 Seed Grant Recipients

Congratulations to Professor Stuart Tangye of the Garvan Research Institute for receiving one of the four projects in Infectious disease, immunity and inflammation, each receiving \$75,000 of seed grant funding for 2019. The combined UNSW Medicine band SPHERE funding aims to nurture broad networks of clinical, public health and laboratory researchers and clinicians, educate early and mid-career researchers and provide a pathway to significant future funding.



NSW Premiers Prize for Excellence in Medical Biological Sciences

Congratulations to Professor Richard Harvey of the Victor Chang who has been awarded the NSW Premier's Prize for Excellence in Medical Biological Sciences. Professor Harvey's team is responsible for a significant breakthrough in understanding how the pumping chambers of the heart are formed during fetal development. This recent discovery resolved one of the unsolved mysteries in the field, shedding new light on heart defects in babies.

Gout App Study

A research team led by Professor Ric Day has developed a smartphone application to help people with gout to manage their symptoms and prevent painful attacks. The app was designed in collaboration with GPs and gout sufferers, and has been successfully tested in a pilot study. Its effectiveness is now being tested in a large clinical research study. The St Vincent's group app study is part of a NHMRC partnership grant with UNSW Sydney, University of Wollongong, Western Sydney University, Macquarie University, Sydney University and University of South Australia, St Vincent's Hospital Sydney, Arthritis Australia, Australian Rheumatology Association, NPS MedicineWise, Pharmaceutical Society of Australia, Menarini Australia and AstraZeneca.

Inaugural HDR Thesis & Travel Award Recipients

2018 saw the introduction of three new award schemes designed to reward exceptional research work by our Higher Degree Research (HDR) students. Congratulations to two of our recent PhD graduates, James Coleman and Sudarshan Paramsothy, for being selected as the inaugural recipients of the School's HDR Thesis Award for 2018. James Coleman was supervised by Dr Nicola Smith & Prof Bob Graham during his candidature at the Victor Chang Cardiac Research Institute where he completed his thesis; 'The pharmacology and physiology of orphan G protein-coupled receptor, GPR37L1'. Sudarshan Paramsothy divided his time between Chicago and Sydney to complete his thesis; 'Clinical and microbiological studies of faecal microbiota transplantation in ulcerative colitis' under the supervision of A/Prof Mark Danta & Prof Hazel Mitchell.

Congratulations are also due to three of our current PhD candidates who were awarded the HDR Travel Awards which will help support their conference travel in 2019. Sunny Wu, of the Garvan Institute, was awarded the International prize for his travel to the Single Cell Biology conference in Colorado, USA. Ranita Kirubakaran, of St Vincent's Clinical Pharmacology department, received one of the two Domestic prizes for her travel to the Population Approach Group Conference in Auckland, New Zealand. The other Domestic prize went to Sarah Alexandrou, of the Garvan Institute, for her upcoming presentation at the Australian Cell Cycle Meeting in Sydney.



From Left: Prof John Watson, Ranita Kirubakaran, Sarah Alexandrou, James Coleman, Sudarshan Paramsothy and Prof Jerry Greenfield. (Sunny Wu, absent)

UNSW Project Grants (commenced in 2018)

RG172607 – Equity Trustees Limited / JJ Mason & HS Williams Memorial Foundation (Mason Foundation) - Medical and Scientific Grants – Prof Bruce Brew, 01-Jan-2018 to 31-Dec-2018 for \$100,000 on Validation of a fast and inexpensive MRI method for detection of amyloid deposits in brain.

RG188990 – NHMRC Project Grant – Prof Roland Stocker, 1-Jan-2018 to 31-Dec-2018 for \$416,133.81 on Potential Novel Pharmacological Strategies to Prevent Atherosclerotic Plaque Rupture.

Australian Research Council/Discovery Project – Prof R Stocker, 01-Jan-2018 to 31-Dec-2019 for \$371,000.00 on Novel methods to quantify multiple reactive species in biological systems.

RG189398 – University of Wollongong/NHMRC Project Shared Grant – Prof Boris Martinac, 01-Apr-2018 to 31-Mar-2023 for \$77,000 per annum on Australian Centre for Electromagnetic Bioeffects Research.

RG172676 – Sydney University /NHMRC Project Shared Grant - Prof John Mattick, 01-Jan-2018 to 31-Dec-2022 for \$284,493 per annum on Frontotemporal dementia and motor neurodegenerative syndromes.

RG170663 – Australian Research Council/Discovery Project – Dr Eva Novoa Pardo, 01-Jan-2018 to 31-Dec-2019 for \$137,000 per annum on Charting the human epitranscriptome.

Successful Grant Applications

23 Research grants were awarded in 2018

totalling **\$2,087,626**

St Vincent's Clinic Grants

awarded to UNSW Academic & Conjoint Staff

St Vincent's Clinic Foundation 25 Year Anniversary Grant – \$100,000

Prof Sally Dunwoodie for "Determining the extent to which NAD deficiency is the cause of miscarriage and congenital malformation".

SVPHS Ladies' Committee Sr Mary Bernice Research Grant – \$100,000

Prof Jerry Greenfield for "Personalised medicine in prediabetes - towards preventing diabetes in individuals at risk".

Adult Stem Cell Research Grant – \$100,000

A/Prof John Moore for "Exploring the role and kinetics of T memory stem cells in haematopoietic stem cell transplantation for autoimmunity".

K&A Collins Cancer Grant – \$50,000

Prof Diane Fatkin for "Are cardiac complications following doxorubicin chemotherapy more common in carriers of titin mutation? Insights from a zebrafish model".

Thelma Greig Cancer Grant – \$50,000

A/Prof Anthony Joshua for "DNA repair defects as a predictor of response to novel treatments in advanced castrate-refractory prostate cancer".

Froulop Research Grant – \$30,000

Dr Nicola Smith for "Investigating the interplay between the sympathetic nervous system, anxiety and gender on blood pressure homeostasis".

Annual Grant 1 – \$30,000

Prof Robert M Graham for "Elucidating the pathophysiology of spontaneous coronary artery dissection".

Annual Grant 2 – \$30,000

Prof Samuel Breit for "The TGF- β superfamily cytokine Macrophage Inhibitory Cytokine-1 (MIC) protects from development of prostate cancer".

Annual Grant 3 – \$30,000

Prof Neil D Watkins for "The genomic basis of locoregional metastasis in head and neck squamous cell carcinoma".

Annual Grant 4 – \$30,000

Dr David Herrmann – Garvan Institute of Medical Research

"A novel biosensor to predict prostate cancer spread - implications for anti-invasive drug discovery"

Annual Grant 5 – \$30,000

Dr Tim Molloy – St Vincent's Centre for Applied Medical Research

"Using stem cell models to characterise cohesin mutations in acute megakaryoblastic leukaemia"

Annual Grant 6 – \$30,000

A/Prof David Muller – St Vincent's Health Network Sydney

"Combined cardiac magnetic resonance imaging and arterial tonometry to non-invasive quantitate ventricular pressure-volume relationships and vasculo-ventricular interaction"

Annual Grant 7 – \$30,000

Prof Jamie Vandenberg – Victor Chang Cardiac Research Unit

"Why are hERG K⁺ channels so promiscuous with respect to drug binding?"

Annual Grant 8 – \$30,000

A/Prof Mark Danta for "Hepatic Encephalopathy DECMRI (HED-M) Study".

Multidisciplinary Patient Focused Research Grant 5 – \$12,000

A/Prof Nigel Biggs for "Utility of remote mapping of cochlear implants".

Travelling Fellowship 1 – \$10,000

Dr Louis Wang for "Clinical and Research Fellowship in Cardiovascular Medicine & Cardiovascular Imaging at the Brigham and Women's Hospital, Boston, Massachusetts, USA".

Travelling Fellowship 2 – \$10,000

Dr Roberto Spina for "Fellowship in structural heart intervention at the New York Presbyterian Hospital/Columbia University Medical Centre, New York, USA".

PHASE 3

YEAR 6 Students

The academic year for sixth years began following our elective terms. For most, it was a slight shock returning from the mountains of Guatemala, the streets of New York and the highlands of Scotland to ward rounds, clinics and viva tutorials. However, being seasoned professionals at student life, we quickly adjusted and were balancing the competing commitments of hospital, study, and the calls of the caffeine dealers on the many corners of Oxford and Victoria Street.

We started off the year in true St Vincent's style with lots of food at our Welcome Back From Elective Feast (featuring the best photos from our travels) organised by the clinical school. Eating was a crucial aspect of our St Vincent's culture with the clinical school ensuring we were getting hearty meals on the regular with events such as Winterfest, print lunches, grand rounds, and of course the culinary highlight – the sixth year dinner.

The clinical school also ensured that we saw some sunlight during our final year by organising the annual Students vs Doctors football match. It was a fun day outdoors, with students from across phase 2 and 3 participating. Thanks must go to all the doctors for giving us such a good game. For the umpteenth year in a row, the doctors were victorious, tallying 4 goals to our 2, in a close but fair game. All in all this was perhaps a sensible result, given these doctors would be responsible for marking our learning plans.

Throughout our clinical placements, all students have found St Vincent's Hospital to be an extremely welcoming place that has included us in clinical settings and provided us with opportunities to challenge ourselves in medicine. We were lucky to be given the opportunity to speak at the St Vincent's



Grand Rounds. Guided by Prof Danta, four of our students presented the topic, "Gender Mender: Does your patient's gender affect the way you practice?" This initiated an interesting conversation about sex and gender differences medicine and biases that exist in medical practice. The presenters did a great job, especially in answering some tough questions put to them.

The teaching has been a great highlight at St Vincent's clinical school. We have had countless viva tutorials by previous St Vincent's students, current JMOs, registrars and consultants. All of them have been excellent and instrumental in building our confidence and viva skills and we are so grateful to them for getting us throughout exams. A special mention must go to Prof Spigelman whose gruelling approach made sure we were prepared for anything that exams threw us – even the topic of post-war immigration.

Our final year at St Vincent's was very much defined by all the students who created an atmosphere that was collegial in all pursuits. The student group has been hard working in their studies, generous with their time for others and ensured that the clinical school despite our exams stresses was always a fun place to be. The community spirit was enhanced by our student-organised mosce session, Romy Ehrlich's crash course in obstetric and gynaecology examination, lively common room conversation, and the non-judgemental and supportive environment that we created in our viva tutorials. We hope to have passed this unified approach on to the future sixth years through continuing the student-run mock biomed sessions and providing tutorials to our junior peers.

Finally there are a few people we would like to thank. To the clinical school staff; our school manager Melinda, and our three amazing clinical school administrators Alison, Leanne and Kate. They have worked passionately for the sixth years in organising our timetables, teaching sessions and many, many viva tutorials, fielding every neurotic question, and always being extremely supportive and keeping an eye on us all. We are extremely grateful to have had the enriching and rewarding experience of being medical students at St Vincent's hospital and will greatly miss this brilliant and dedicated community.

Lucy Bracken & James Deacon

UNSW Medical Students



PHASE 3

Elective Term

I did a Neurology term overseas at St Paul's Hospital in Vancouver, Canada. The stereotype isn't wrong - Canadians are so warm and nice! The Neurology department welcomed me into the team and took every opportunity to teach.

Patients each day were divided between the registrars and myself. We would split off and independently consult our own patients; this involved taking a detailed history, performing a complete neurological examination and formulating a management plan. I was the first responder for a seizure in the post-operative unit, a patient with suspected motor neuron disease, cerebellar ataxia, and an acute ischemic stroke. Although I was given responsibilities and roles that was outside my comfort zone, it allowed for a steep learning curve that expanded my knowledge, skills and confidence for future clinical placements.

Winter in Vancouver is wonderful, especially the fresh coating of snow. Not only does it make the whole city feel new, fresh and exciting, but it allows perfect conditions for the nearby mountains for skiing or snowboarding. I went on a weekend trip with colleagues to Whistler village – an experience of a lifetime. There's nothing in the world like the feeling of relaxing in a hot tub while looking up and smiling at the mountain ranges you just sloped down at 50km/hr.

During the weekdays, when I finished hospital, I grabbed my snowboard and travelled to local mountain ranges such as Grouse and Cypress which was thirty minutes to an hour drive away; the mountains opened until 10pm! The sightseeing in Vancouver was breathtaking, the city in which "Fifty Shades of Grey", "Final Destination" and "Deadpool 2" was shot. I visited the huge UBC campus, Granville Island, and the sparkling lamp-lit Gastown. St Paul's Hospital is also within 2 min walking distance from Granville street. This street is lined with bars and closed off on the weekend as it becomes the centre of nightlife.

Doing an elective overseas is invaluable because putting yourself in an unfamiliar environment truly speeds up the process of building your confidence. It's the perfect opportunity to really combine travelling and education; you gain a new perspective of not only the nation's healthcare system but of the culture and climate that many tourists and travellers never see.

Eddie Kim
UNSW Medical Student





COMMUNITY Category

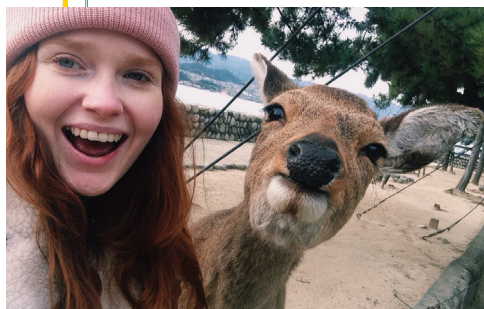
James Deacon & 'Fisherman Carribean'

TRAVEL Category

Mitchell Fung & 'Glacier'



Big Picture Competition Winners 2018



SELFIE! Category

Lucy Bracken & 'Oh Deer!'

ELECTIVE Category

Janet Lee & 'Twins'



PHASE 3

YEAR 5 Students

We can confidently say that when we rocked up on January 8th, fresh faced and eager, we really did not know what we were in for. We had had a year off from actually being in hospital! We had never been on the wards like this before, actually part of a team! This was a whole new ball game.

After all the orientations and settling in, half of us began with surgery and the other half with medicine. Those of us starting with surgery had to quickly adjust to the necessary predawn awakening (a stark contrast to the luxurious sleep ins of the year before that we had become accustomed to), in order to make it in for 7am ward rounds. However, they never seemed to last longer than 30 minutes, which we soon realised was better than the medicine rounds that, whilst they started at 9am, felt like they lasted the entire day.

Luckily the first week nerves were soon calmed by the realisation that we were surrounded by such good food. Who cared if you messed up a cannula (which happened all too frequently) if you could go and get Messina afterwards to console yourself? And not just food outside the hospital, but the lunches put on by the clinical school which made us feel so welcome (and full - the overordering of pizza was always appreciated). For that and so many other things, including organising our tutorials, contacting doctors for us when they didn't turn up and even allowing us to procrastinate by coming in and having a chat, thank you so much to Leanne, Kate and Allison, and all the other clinical staff.

And to our bedside tutors, thank you for putting up with our very rusty clinical skills and imparting your knowledge so that now we can pick up with confidence the ejection systolic murmur of aortic stenosis, and diagnose with certainty a small bowel obstruction. We've had experiences we'll never forget (watching open heart surgery, successfully doing our first cannulas) and some we'd like to (shout out to Dr Gett for showing us what an inguinal hernia extending into the scrotum looks like), but on the whole it's been such a great year and we can't wait to be back in March.

Hannah Wade & Ashwin Wadwani

UNSW Medical Students

PHASE 2 Students

As February rolled around and the summer holidays came to a close, the group of us allocated to St Vincents for 2018 got ready to dig out our stethoscopes and set off on our Phase 2 clinical experience. Being at hospital three days a week would definitely be a jump from Phase 1, but despite the nerves, we were super excited to get into it.

Arriving at De Lacy for our first terms, kitted out in freshly-ironed hospital shirts and newly-polished RMs, it didn't take long to realise we had been thrown in the deep end. But with the support of the clinical tutors, the Phase 3 students, and the wonderful Leanne, Kate and Alison, we quickly got into the swing of things. Entering the operating theatres for the first time was a particular highlight, especially because we finally got to don the infamous blue scrubs!

As the year went on and we jumped from term to term, we were exposed to a rich selection of clinical medicine. Our attachments to neurology, orthopaedics, rheumatology and trauma in Adult Health 2 gave us a quality insight into some of the most exciting areas of medicine and surgery today. During Aged Care and Rehabilitation, we spent a few days a week over at the War Memorial Hospital in Waverley, where we had the opportunity to hear from and spend time with some lovely elderly patients. There are hardly any better places to witness cardiology, gastroenterology, respiratory and renal medicine in action than at Vinnies, and during Adult Health 1 we all felt privileged to learn from some of Australia's best physicians. Finally, for our Oncology and Palliative Care term, we split our time between Vinnies, the Sacred Heart Hospice and the Kinghorn Centre; these 4 weeks deepened our appreciation for the role of medicine in some of the toughest moments of a patient's life.

Off the wards too, all of us in Phase 2 at Vinnies had a fantastic year. Early on, we had the Doctors vs. Students soccer match to look forward to! UNSW students from third to sixth year teamed up for what we naively thought would be an opportunity for us to finally one-up the doctors at Vinnies. Despite the valiant efforts of the students and sideline supporters, the doctors won 4-2. Even so, the match and the BBQ breakfast after were a highlight of the year for many. Fast forward to October, when students of all years got their thinking hats on and teamed up for the Vinnies trivia lunch! Right throughout the year, some truly special friendships were made: whether during early morning coffee runs to Son of Frank, quick debriefs in the common room, or Friday afternoon drinks in Darlinghurst. The closeness forged between all the hospital groups at Vinnies this year is something we'll definitely cherish.

There are plenty of people that we have to thank for making our year at Vinnies such a successful one. It has been a privilege to spend time with the patients on the wards, who've provided us with truly touching insights into their lives and experience of illness. We can't thank them enough for the kindness they've displayed throughout the year. Thank you to our fifth and sixth year mentors for running tutes year-round and always being ready with advice and perspective on Phase 2. Thank you also to our clinical and bedside tutors, who gave up their time and so passionately engaged us in their specialities. Finally, a big thank-you to Leanne, Kate and Alison for their unwavering hard work, organisation and support throughout the year. No matter the issue, you three were always there to help.

Matt Fadhill & Sarah Hanyes
UNSW Medical Students

PHASE 1 Students

Starting our medicine degree is an interesting and exciting time for many reasons. For one, most of us have no idea what to expect since it's a subject hardly touched in high school. Regardless, few expect the large emphasis placed on medical sciences, with our terms consisting of few separate topics. For that reason, I think hospital sessions largely act as an escape for phase one students, our chance to feel great accomplishment about our studies and efforts despite it only occurring once a fortnight. It's hard to believe that two years have already passed, and I am glad we have this chance to reflect and thank tutors as well as admin for their efforts throughout this time.

Something I particularly enjoyed is when tutors extend what we find in cases beyond the subject of the term, whether it is diagnosing a condition or explaining what the follow-up would be for the patient. Given how focused and restricted our university lectures are, integrating content from other terms was very exciting and made us think more about the bigger picture. More so, at hospital we all really enjoyed meeting the patients, and talking to them is something that really changes us early on.

All in all, we are very grateful to the admin staff of St Vincent's clinical school for all the effort they put into our classes, especially organising replacements so efficiently. We're thankful to the patients for giving their time, and most importantly the tutors for volunteering both time and knowledge. We might not be at hospital very often, but the experiences over these two years have made us very enthusiastic about phase two.

Jash Vanjara

UNSW Medical Student

PHASE 1 Tutor Report

I think I can safely say, taking on the role of tutoring the Phase 1 medical students in their clinical skills sessions and introducing them to the mayhem and inner-workings of the hospital wards, has been a challenging and rewarding experience for all new tutors this year.

Understandably, venturing around the wards can be a daunting and overwhelming experience for young students. However, we cannot emphasise enough how valuable learning and growing comfortable in the hospital environment from early on can be. This program has offered our students first-hand experiences where they could learn and develop integral skills in medical assessment and communication with patients from all walks of life.

More importantly, exposure to ward life has also allowed the Phase 1 students to gain a deeper understanding of the over-arching patient journey. They can now recognise doctors are privy to personal information from patients in often their most vulnerable time. Learning and recognising this privileged position they will come to hold when transitioning to work life is an important lesson from the outset.

Throughout the year it was encouraging to see our first and second year students provide a positive and supportive environment for their fellow peers to learn in; each student commending others on their strengths and providing constructive peer feedback for further growth and development.

Overall, it has been quite a learning curve for students and tutors alike. However, I think the proximity in years, with most tutors only recently making the transition from studying to working, has afforded us a unique understanding of what it is like to stand in our students shoes. I hope the Phase 1 students have enjoyed their experience in tutorials as much as we have enjoyed introducing them to the hospital life. It has been a pleasure to teach them and I look forward to meeting a new tutorial group next year.

Dr Hannah Braithwaite

Conjoint Tutor

Independent Learning Projects

Project Name: *MIC 1 as Predictor of Colonic Adenomas (MAPCA) study - follow-up study*

Supervisors: A/Prof Mark Danta & A/Prof David Brown

Student: Kevin Zhang

Project Name: *Investigating the prevalence and burden of coronary artery disease in patients with chronic liver disease by using CT coronary angiogram.*

Supervisors: A/Prof Mark Danta & A/Prof Jane McCrohon

Student: Georgia Zeng

Project Name: *Impact of tissue eosinophilia on long-term medical requirements in post-surgical CRS patients.*

Supervisors: Prof Richard Harvey & A/Prof William Sewell

Student: William Li

Project Name: *The Role of BCL11b in Multiple Sclerosis*

Supervisors: Prof Bruce Brew & Dr Michael Lovelace

Student: Angela Tan

Project Name: *Predicting optimal Allopurinol dose in patients with gout*

Supervisors: Prof Ric Day & Dr Amy Nguyen

Student: Andrew Coulshed

Project Name: *SUSI Validation study - a new tool for measuring change in HIV, STI and BBV risk behaviour in substance use treatment studies*

Supervisors: A/Prof Nadine Ezard & Dr Craig Rogers

Student: Olivia Leicester

Project Name: *Investigating the vascular origin of reticulate eruptions*

Supervisors: A/Prof Kurosh Parsi & Dr David Connor

Student: Joanne Jia Wei Ang

Project Name: *An investigation of microscopy characteristics of hyperpigmentation (a comparison of post-inflammatory hyperpigmentation and chronic venous disease)*

Supervisors: A/Prof Kurosh Parsi & Dr David Connor

Student: Kate Ng

Project Name: *The Incidence and Aetiology of Bacteria Found in Spine Surgery During Routine Disc Surgery*

Supervisors: Dr Timothy Steel & Dr Ellen Frydenberg

Student: El-Nathan Chalik

Project Name: *Impact of peri-operative blood transfusion in lung transplant patients*

Supervisors: Dr Emily Granger & Dr Mark Conellan

Student: Oscar Zou

Project Name: *Stasis Induced Akinesia in Parkinson's Disease Patients*

Supervisors: Dr Stephen Tisch & Dr Sam Bolitho

Student: Malin Schumacher

Project Name: *Flow cytometry of B cell lymphomas*

Supervisors: A/Prof William Sewell & Dr Samuel Miliken

Student: David Peng

Project Name: *The Safety of Metformin in Heart Failure*

Supervisors: Dr Jane Carland & Dr Sophie Stocker

Student: Elizabeth Wong

Project Name: *Inhibition of Myeloperoxidase and Attenuation of Atherosclerosis*

Supervisors: Prof Roland Stocker & Dr Anita Ayer

Student: Sarah Tan

Project Name: *Retrospective analysis of perioperative management of anticoagulant and antiplatelet agents*

Supervisors: Dr Joanne Joseph & Prof Ric Day

Student: James Sidone

Project Name: *Outcomes after trans-sphenoidal surgery (TSS) for ACTH-secreting pituitary adenomas in Cushing's disease.*

Supervisors: Dr Ann McCormack & Prof Richard Harvey

Student: Anna Brzeska

Project Name: *Outcomes after trans-sphenoidal surgery (TSS) for growth hormone-secreting pituitary adenomas in acromegaly.*

Supervisors: Dr Mark Winder & Prof Richard Harvey

Student: Pearl Dhaliwal

Project Name: *Airway assessment of post rhinoplasty impact on nasal valve dysfunction*

Supervisors: Prof Richard Harvey & Dr Nigel Briggs

Student: Kimiyasu Kondo

Project Name: *Analysis of Discrepancy Between Expected and Actual Donor-Recipient Matching for Heart Transplantation.*

Supervisors: A/Prof Kumud Dhital & A/Prof Andrew Jabbour

Student: Christopher Chen

Project Name: *Acoustic characterisation of the Heartware Left Ventricular Assist Device*

Supervisors: A/Prof Kumud Dhital & A/Prof Chris Hayward

Student: Xue Yeong

Project Name: *Analysis of Discrepancy Between Expected and Actual Donor-Recipient Matching for Lung Transplantation.*

Supervisors: A/Prof Kumud Dhital & Dr Adrian Havryk

Student: Nicholas Rainnie

Project Name: *Investigating the structural properties of sclerothrombus*

Supervisors: A/Prof Kurosh Parsi & Dr David Connor

Student: Hao Li

Project Name: *Contribution of vitamin D deficiency to post-fracture mortality*

Supervisors: Prof Tuan Nguyen & Prof John Eisman

Student: Sarah Molloy

Honours Projects

Project Name: *Pulsatility in cLVADs – what is it and what does it mean?*

Supervisors: Prof Chris Hayward & Dr Kavitha Muthiah

Student: Jared Engelman

Project Name: *Identifying gene-environment interactions that cause congenital malformation in mice*

Supervisors: Prof Sally Dunwoodie & Dr Harmut Curry

Student: Rosemary Kirk

Project Name: *Implementation of a dose prediction software*

Supervisors: Dr Sophie Stocker, Dr Jane Carland & Prof Ric Day

Student: Rashmi Shingde

Project Name: *Non-allergic markers of nasopharynx inflammation in rhinitis patients*

Supervisors: Prof Richard Harvey & A/Prof Janet Rimmer

Student: Ke Sun

2019

Key Dates

TERM DATES

Phase 1

T1: 18 Feb - 14 Apr

Break: 15 - 28 Apr

T2: 29 April - 23 Jun

Recess: 24 Jun - 7 Jul

T3: 8 Jul - 1 Sept

T4: 16 Sep -10 Nov

Phase 2

Sem 1: 18 Feb - 23 Jun

Recess: 24 Jun - 14 Jul

Sem 2: 15 Jul- 10 Nov

Study & Exam period:

11 - 24 Nov

Phase 3

Summer Term: 7 Jan - 3 Mar

T1: 4 Mar - 5 May

T2: 6 May - 30 Jun

Recess: 1- 7 Jul

T3: 8 Jul - 1 Sept

Study & Exam period:

2 Sept - 6 Oct

T4: 9 Sept - 24 Nov

EXAMINATIONS

Phase 1 OSCE:

27 & 28 November

Phase 2 ICE:

20 & 21 November

Phase 3 Clinical:

11 & 12 September

Phase 3 Oral:

17 & 18 September

Phase 3 Portfolio:

25 & 26 September



2018 Conjoint Promotions

PROFESSOR

Daniel Christ

ASSOCIATE PROFESSOR

Andrew Field

Cindy Ma

Clare Stirzaker

Elissa Deenick

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Yanchuan Shi

Erez Ben-Menachem

Katherine Tonks

Tim Molloy

David Gallego-Ortega

Svetlana Cherepanoff

Martin Smith

Yael Barnett

Emily Granger

Sophie Stocker

Kate Mahon

Gary Nicholls

Marcia Munoz

Aurelie Cazet

Joanne Reed

Michelle McDonald

Shahrazad Jahromi

LECTURER

Thomas Stewart

Timothy Robertson

Timothy Small

Joel Lasschuit

Mayooran Namasivayam

David Herrmann

Nicole Bart

Simon Junankar

Gayathri Sundaram

Niantao Deng

2018 Conjoint Photo



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As of 2 December 2018

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Bruce Brew
Jo-anne Brien
Robert Brink
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Lesley Campbell
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Diane Fatkin
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Jenny Gunton
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Christopher Hayward
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Phillip Brenner
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Elena Zotenko

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Isabelle Danos
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Giles Flick
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Misha Hutton-Potts
James Iloff
Eugenia Ip
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Katherine Kearney
Hannah Kempton
Katherine Lee
Wei Lee
Stewart Leason
Brian Lesmana
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Amrita Ronnachat

Romain Rouet
Christian Said
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Aruna Shivam
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Ning Song
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Robert Stuart
Matthew Summers
Emily Sutherland
Benjamin Tassie
Bronwyn Thorp
Thach Tran
Fiona Tran
Anh Tran-Nam
Fiona Tudehope
Veronica Tung
Marianne Turner
Kristen Twibill
Natasha Ung
Stephen Walker
Louis Wang
James Iliff
Edwina Wing-Lun
Duo Wang
Simon Wong
Jean Wong
Daniel Wong
Wenyu Zhang

Clinical School Staff

CLINICAL ACADEMICS



Professor Jerry Greenfield

Clinical Associate Dean

Commenced: October 2016

Specialty: Endocrinology

Research Interests: Diabetes, Obesity, Insulin resistance, Monogenic metabolic diseases



Professor Allan Spigelman

Head of Surgery, Professor of Surgery

Commenced: 2006

Specialty: Surgical Oncology

Research Interests: Cancer Care; Clinical Governance/Patient Safety/Quality of Care/Risk Management; Surgery; Cancer Genetics



Professor Ric Day

Professor of Clinical Pharmacology

Commenced: 1990

Specialties: Clinical Pharmacology & Rheumatology

Research Interests: Inflammatory rheumatic diseases; adverse drug reactions



A/Professor Jane McCrohon

Associate Professor of Medicine

Commenced: 2008

Specialty: Cardiology & Medical Imaging

Research Interests: Cardiac imaging (MR, CT and ultrasound); detection of cardiotoxicity



A/Professor William Sewell

Associate Professor of Immunology

Commenced: 1998

Specialty: Immunology

Research Interests: Allergic disease; Novel markers in leukaemia and lymphoma.



A/Professor Mark Danta

Associate Professor of Medicine; Postgraduate Coordinator

Commenced: 2006

Specialty: Gastroenterology

Research Interests: Viral Hepatitis; Hepatitis HIV co-infection



A/Professor Elgene Lim

Associate Professor of Medicine

Commenced: 2017

Specialty: Medical Oncology, Breast Cancer

Research Interests: Breast Cancer, Endocrine related Cancer



Dr Anthony Chambers

Senior Lecturer in Surgery

Commenced: 2010

Specialty: Surgical Oncology

Research Interests: Breasts, Thyroid Cancer, Endocrine Tumors



Dr Darren Gold

Senior Lecturer in Surgery

Commenced: 2007

Specialty: Colorectal Surgery

Research Interests: Proctology; pelvic floor disorders



Dr Rohan Gett

Director of Medical Student Education; Lecturer in Surgery

Commenced: 2006

Specialty: Colorectal Surgery

Research Interests:Colorectal Surgery

ADMINISTRATIVE STAFF

Melinda Gamulin
School Manager



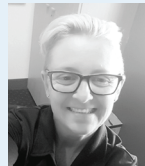
Thuy Huynh
Administrative Officer



Alison Cullen
Education Support Officer



Cassie Shearer
Executive Assistant



Leanne McQuiston
Education Support
Administrator



Laura Derkenne
Postgraduate Administrator



