Acknowledgment of Country

The Clinical School acknowledge and honours the Aboriginal Elders of the Gadigal People of the Eora Nation, those who once lived here and first walked this land and 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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Clinical School Staff

CLINICAL ACADEMICS

Professor Jerry Greenfield
Clinical Associate Dean
Commenced: 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; School Postgraduate Coordinator
Commenced: 2006
Specialty: Gastroenterology
Research Interests: Viral Hepatitis, Hepatitis HIV co-infection

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A/Professor Elgene Lim  
Associate Professor of Medicine  
**Commenced:** 2017  
**Specialty:** Medical Oncology, Breast Cancer  
**Research Interests:** Breast Cancer, Endocrine related Cancer

Dr Rohan Gett  
Senior Lecturer in Surgery; Director of Medical Student Education  
**Commenced:** 2006  
**Specialty:** Colorectal Surgery  
**Research Interests:** Colorectal Surgery

Dr Anthony Chambers  
Senior Lecturer in Surgery  
**Commenced:** 2010  
**Specialty:** Surgical Oncology  
**Research Interests:** Breast Cancer, Thyroid Cancer, Endocrine Tumors

Dr Darren Gold  
Senior Lecturer in Surgery  
**Commenced:** 2007  
**Specialty:** Colorectal Surgery  
**Research Interests:** Proctology, Pelvic Floor disorders

### ADMINISTRATIVE STAFF

Melinda Gamulin  
School Manager  

Thuy Huynh  
Administrative Officer  

Alison Cullen  
Education Support Officer  

Cassandra Shearer  
Executive Assistant  

Kate Steele  
Education Support Administrator  

Laura Derkenne  
Postgraduate Administrator
2019 has been a particularly innovative year for the St Vincent’s Clinical School. Research, teaching and UNSW and St Vincent’s Hospital ambassadorship have remained our focus. In addition to our hard working and dedicated Clinical Academics, over 500 Conjointors give up their time freely and generously to contribute to all of the activities that maintain the momentum of our School.

Many achievements are particularly worthy of mention:

- PhD student Sarah Alexandrou was first in the Faculty of Medicine Three Minute Thesis final and placed third in UNSW grand final
- Prof Ric Day received the ARC ‘Outstanding Research Supervisor Award’ and Conjoint Senior Lecturer Dr Jane Carland was awarded a ‘Research Supervisor Award’
- Conjoint Prof Susan Clark was awarded the 2019 NSW Premier’s Prize for Excellence in Medical Biological Sciences
- Conjoint Professors Sally Dunwoodie and Tuan Nguyen were inducted as Fellows to the Australian Academy of Health and Medical Sciences in recognition of their outstanding contributions to the health and medical research landscape of Australia
- PhD student Dr Mayrooran Namasiyam won the School Thesis prize
- A/Pros Cindy Ma, Mark Cowley, Eleni Giannoulatou, Drs Joanne Reed, Charles Cox and Adam Hill were awarded early-mid career fellowships
- Profs Jamie Vandenberg, Boris Martinac, Sally Dunwoodie, Roland Stocker, Richard Harvey and Robert Graham were awarded Cardiovascular Senior Scientist and Clinician Grants
- A/Prof Nadine Ezard was awarded a Translational Research Grant

The following Conjoint researchers won medical research government grants:

- Prof Sally Dunwoodie was awarded a NHMRC Synergy grant
- Prof Katherine Samaras was awarded a Boosting Dementia Research Grant
- Dr David Gallego-Ortega was awarded a SPHERE Cancer CAG seed grant for his work on understanding the role of the immune microenvironment in endocrine resistant ER+ breast cancer
- Drs Ira Deveson, Mark Pines, Qian Du, Deborah Burnett, A/Prof Joseph Powell and Prof Stuart Tangye were awarded NHMRC Investigator Grants

In 2019, we visited the South Western Sydney Clinical School at Liverpool and the St George and Sutherland Clinical School at Kogarah to scope out common ground and learn from the expertise of our western and southern partners.

This year we made particular efforts to further enhance the engagement of as many of our Conjointors as possible, through departmental engagement meetings, our monthly School eNewsletter, Research Week activities and the Annual Conjoint Dinner. The uniform feedback from the dinner was that this UNSW St Vincent’s School event brings together St Vincent’s Clinical Conjointors for an exchange of ideas and clinical and social interactions that otherwise do not occur. We were privileged to host Professor Vlado Perkovic, the Dean of Medicine, in one of his first days in the job. He delivered an eloquent talk on his plans for UNSW Medicine and the expectations of Clinical Academics and Conjointors at St Vincent’s Clinical School. We were also delighted that A/Prof Anthony Schembri, CEO of St Vincent’s Health Network, Prof John Watson, Senior Vice Dean, Clinical Affairs, UNSW Medicine and Mr Geoff Alder, Executive Director, St Vincent’s Clinic and 50 others could attend.
This year, we initiated and continued to support awards for:

- Publication of the Quarter to recognise postgraduate students and conjoint staff members’ contributions to high ranking publications
- Bi-annual Student Travel and Thesis Awards
- Independent Learning Project/Honours Awards
- Conjoint Tutor of the Month award to recognise outstanding contributions to teaching by conjoint staff members

Research remains a major focus of the School and we value all of the Medical Research Institutes on the campus. Many of our Conjoint are located at 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 the Victor Chang and A/Professor Anthony Schembri, CEO of St Vincent’s Health Network, Sydney.

Congratulations to all the Conjoint who have received promotions in 2019 – this is a way of recognising your ongoing and future contributions to our School.

Indeed, we have had successful promotions from Conjoint staff to:

**Associate Professor:** Marina Pajic, Eleni Giannoulatou, Ann McCormack, Stephen Tisch, Dion Forstner, Margo Whitfeld

**Senior Lecturer:** Jonathan Brett, Kate Patterson, Louis Wang, Lei Zhang, Katrina Tonga

**Lecturer:** Beatriz Perez San Juan, Joanna Achinger Kawecka, Eleni Mayson, Farzad Jazayeri, Thach Tran, Mark Connellan

Professor Watson is currently leading a revamp of the Conjoint appointment and promotion process, which we look forward to being part of in 2020.

This year we sadly experienced the passing of Professor Ron Penny AO, the well-regarded father of Clinical Immunology in Australia. Ron has left both a research and clinical legacy that will remain celebrated on the St. Vincent’s campus and indeed throughout the Australian healthcare landscape.

I would like to thank all of our teaching Conjoint for their dedication in educating the School’s medical students. We appreciate all of the time that you have given to teaching.

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 McCrohon, Elgene Lim and Mark Danta and Drs Rohan Gett, Darren Gold and Anthony Chambers. All are supported by the talented administrative team, headed by Melinda Gamulin and comprising Laura Derkenne, Alison Cullen, Kate Steele, Thuy Huynh, Leanne McQuiston and Cassandra Shearer.

On a personal note, I have had a rewarding year engaging with all Academics and Conjoint – collectively, we have and will continue to make our Clinical School great. Thank you enormously for your support and efforts in 2019.
As 2019 draws to an end, it’s pleasing to reflect on another successful year of teaching and learning at St Vincent's Clinical School. St Vincent's has hosted 121 Phase 1 students and welcomed them to learn history taking and examination in a 28 week program. There have been 43 Phase 2 students and 74 Phase 3 students. Some of these Phase 3 cohort are now poised to start internships in 2020. The Clinical School wishes them all the best in applying their clinical skills on the wards.

In addition, there were 16 Independent Learning Project students, many of whom presented their work at a well-attended Grand Rounds session before the entire hospital. There were 4 Honours students and this year, the Clinical School hosted 37 Elective students from all around the world. St Vincent’s also provided courses to 54 Transition students ensuring that these scholars were appropriately prepared to enter a new phase in their medical careers.

So, all in all, another busy year of tuition. Beyond that there were many exams running throughout the year. The Clinical School quizzed students in a range of formative and summative assessments through vivas, OSCEs and bedside scenarios.

Much thanks from the Clinical Academics to the energetic and friendly Alison, Leanne, Kate, Cassie, Laura, Thuy and Melinda for coordinating these complex activities throughout 2019. They have ensured that the Academics and the many Conjoint members who generously teach our students are coordinated for their activities.

As the year progressed, the St Vincent's Clinical School shared experiences and collaborated with schools at Prince of Wales, St George and Liverpool Hospitals. These contacts and programs should hone various programs for the future and ensure greater cooperation for new teaching and examining.

Looking forward we are excited to work with the new Dean of Medicine, Professor Vlado Perkovic. Prof Perkovic inspired the staff of the Clinical School, during the St Vincent’s Conjoint dinner, to prepare great Doctors who will transform society with their excellence as clinicians and researchers. We also hope to build strong ties with the Notre Dame University whose students share the same clinical spaces as our own. It is our hope to collaborate with Notre Dame to deliver master classes and seminars to our combined group of students.

Finally, in 2020, it is also our sincere hope that the annual soccer match between the Doctors and Students remains hotly contested despite the doctors resounding success on the pitch this year.
2019 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 and for all their hard work and efforts in keeping such a busy medical school running like clockwork.

We have had a few staff movements throughout the year with Leanne McQuiston, Education Support Administrator, leaving to take up an administration role at the School of Women’s and Children’s Health in the Paediatrics Department. We also welcomed back Kate Steele into the role to replace Leanne.

We introduced a new school administration email account for all enquiries relating to conjoint, medical grand rounds and other school administration enquiries. This new administration email address is admin-stvcs@unsw.edu.au.

The Faculty of Medicine will be introducing a new online conjoint application, renewal and promotion system early 2020. Please ensure you log onto the new conjoint website to access these forms.

The School could not function without the support of our conjoint staff members, St Vincents Hospital, the affiliated Medical Research Institutes (Garvan and the Victor Chang), AMR, the Faculty of Medicine, UNSW, the local community, the patient population and our student body.

We value the contribution of these individuals and groups and look forward to their ongoing support next year.

This years gift to our teaching conjoint staff members is a Doctor USB. This is a small token of our appreciation for all your hard work and commitment to UNSW Sydney.
School Awards & Acknowledgements

Tutors of the Year

**JMO Tutor of the Year:** Dr Jack Mangos  
**RMO Tutor of the Year:** Dr Christopher Lemon  
**Registrar Tutor of the Year:** Dr Maurizio Stefani  
**Consultant Tutor of the Year (SVH):** A/Professor Graham Jones  
**Consultant Tutor of the Year (SVPH/SVC):** Dr Rohan Gett

Publication of the Year Award

Dr Chris Stanley (VCCRI) was awarded the 2019 School Publication of the Year for his publication titled *Singlet molecular oxygen regulates vascular tone and blood pressure in inflammation*, Nature Journal, Feb 2019, DOI:10.1038/s41586-019-0947-3

Undergraduate Student Awards

**St Vincent’s Clinical School Prize:** Sharanya Mohan  
**Doug Tracy Prize for Surgery:** Sharanya Mohan  
**John Hickie Prize for Medicine:** Saikrishna Anathapadmanabhan  
**ILP/Honours Grand Rounds Presentation Prize:** Vincent Jiang  
**ILP/Honours Project Prize (2018):** Jared Engelman & Georgia Zeng  
**Dr Michael Armstrong Prize:** Oscar Zou  
**Student Researcher of the Year Award:** Sophie Walter

Higher Degree Research Student Awards

**Travel Awards (Domestic):** Ranita Kirubakaran (SVH), Sarah Alexandrou (Garvan) and Celine Santiago (VCCRI)  
**Travel Awards (International):** Sunny Wu (Garvan) and Ghamdan Aleryani (Garvan)

**2019 HDR Thesis Award:** Mayrooran Namasivayam (VCCRI) under the supervision of Prof Chris Hayward for his thesis titled "Pressure, volume and flow: studies of ventricular, valvular and vascular haemodynamics in the human cardiovascular system".
Each month we highlight exceptional teaching Conjoint staff members in our School. The Clinical School would not function without the generous assistance and support of our exceptional Conjoint staff, who make an outstanding contribution to teaching, by taking a group of students on a bedside, offering procedural skills sessions, marking assignments, stepping in at the last minute to help out etc. There are many talented, inspiring and dedicated doctors and professionals who positively impact student’s learning despite their busy work schedule.

We are pleased to announce the following Conjoint Teachers for 2019:

**JANUARY  A/Prof Stephen Tisch**
Dr Tisch has been a conjoint since February 2008 and is a Phase 2 Neurology tutor, ILP Supervisor and Phase 3 PRINT tutor (Lumbar Puncture).

**FEBRUARY  Dr Shahrzad Jahromi**
Dr Jahromi has been a conjoint since September 2010 and is a Phase 2 Aged Care and Rehab tutor SVH and UNSW campuses and Phase 3 supervisor in Geriatrics.

**MARCH  A/Prof Anthony Grabs**
A/Prof Grabs has been a conjoint since November 2009 and is a Phase 3 Supervisor and Phase 2 trauma tutor on UNSW campus.

**APRIL  Dr James Southwell-Keely**
Dr Southwell-Keely has been a conjoint since February 2012 and is a Phase 3 supervisor and bedside tutor.

**MAY  A/Prof Paul Priesz**
A/Prof Preisz has been a conjoint since August 2005 and is a Phase 3 Supervisor and facilitator for ED case presentations.

**JUNE  Dr Rahul Santram**
Dr Santram has been a conjoint since July 2018 and is a Phase 3 Supervisor, ED Viva assessor & examiner.

**JULY  A/Prof Steven Faux**
A/Prof Faux has been a conjoint since September 2009 and is a Phase 2 course tutor for Aged Care & Rehab and Phase 3 supervisor and examiner.

**AUGUST  Dr Jean Wong**
Dr Wong has been a conjoint since March 2016 and is a Phase 2 Course Tutor for AH1, Phase 3 Surgical Skills tutor & Phase 3 examiner.

**SEPTEMBER  A/Prof Anthony Graham**
Prof Anthony Graham has been a conjoint since 2008 and is a Phase 1&3 supervisor and Phase 1&3 examiner.

**OCTOBER  Dr Farzad Jazayeri**
Dr Farzad Jazayeri has been a conjoint since April 2018 and is a Phase 3 supervisor and Phase 1-3 examiner.

**NOVEMBER  Dr Nikki Bart**
Dr Nikki Bart has been a conjoint since September 2012 and is a Phase 3 bedside and Viva practice, Phase 3 examiner.

**DECEMBER  Dr Anthony Byrne**
Dr Anthony Byrne has been a Conjoint since February 2018 and is a Phase 2 AH1 tutor and Phase 3 bedside tutor.

**DECEMBER  Dr Robert Feller**
Dr Robert Feller has been a Conjoint since March 2006 and is a phase 2 tutor and examiner. Dr Feller also participates in UNSW Campus teaching & examinations.
Annual Conjoint Appointee & Clinical School Dinner

The conjoint dinner is held annually to promote and thank our affiliates’ commitment to medical education with UNSW Sydney and the St Vincent’s Clinical School.

This year’s venue was the beautiful Buon Ricordo in Paddington. Our special guest speaker for the night was the Dean of the Faculty of Medicine, Professor Vlado Perkovic, who had only commenced in his new role a few days prior to our dinner. Professor Perkovic gave an inspiring talk on his vision for UNSW Medicine and the future of education and research in the ever changing landscape of Australian healthcare.

2019 Events

A/Prof Kurosh Parsi, Prof John Watston, Melinda Camulin, Sr Clare Nolan, A/Prof Brett Courtenay, Geoff Alder, A/Prof Anthony Schembri, Prof Vlado Perkovic and Prof Jerry Greendfield

A/Prof Mark Danta and Dr Tracy Anderson

Professor Vlado Perkovic, Dean UNSW Medicine

Alison Cullen and Dr Patricia Reyes

Prof Allan Spigelman and A/Prof Louise Emmett
Kick off was at 9.45am, students won the toss, and the game was afoot! The students’ team haven’t won the throphy since 2014 and were geared for a win. It was a fast start to the game, many attempts at goal were made by both sides and there were some great saves by both keepers, but the score was still 0 - 0 at quarter time.

The student’s team were awarded a penalty in the box and Dave Abi-Hanna stepped up to take the shot. A/Prof Mark Danta, captain of the Doctors’ side, made a great save but the ball just flicked past his hands to go into the back of the net. Students were on the score board! Doctors’ team had lots of attack down the left side of the field and 3 attempts on goal, but great saves again from the student’s keeper. Half time score; Students 1 – 0.

The second half started off just as fast as the first, with the doctors on the attack and both teams using the whole width of the field. Playing exceptionally well was Dr Emily Granger, who was superb with her defence and attack. Dr Robert Stuart scored for the doctors with a great break down the right side and slotted the ball past the keeper. Score 1-1.

With the last 15 minutes of the game to go - it was a tight contest. The spectators were in for an exciting finish and the crowd was hoping for a students’ win. A few players came off injured and Vladimir and Bob assisted with ice. With a mad scramble in the box and many players around the ball, Dr Simon Hoang managed to kick the ball past the keeper to score for the doctors. With 5 minutes to go in the game, the score was 2-1. A free kick was awarded to the students’ team with a yellow card to the doctors for a bad tackle. This time it was outside the box and a direct kick. Alas, it was a miss, with the kick going over the post. With only moments to the end, the students rallied hard but once more, the Doctors’ take home the coveted Throphy with the end score of 2-1.

All players were to be commended for turning up and playing such a great game. The fitness levels of all players was outstanding. What a great win by the Doctors.

A big thank you to Sydney Grammar School for the use of their oval and BBQ facilities. Staff and students appreciated the efforts of the School Administrative staff in preparing the BBQ and organizing the event. Special mention goes to Vladimir Gonzales & Bob Morris from SVH Transport Department, we only had one injury this year – calf muscle and a few cramps. Also special thanks to Steven Faux, for refereeing the match.

**Scorers:** Robert Stuart, Simon Hoang (Doctors), Dave Abi-Hanna (Students)

**Best & Fairest Awards:** Dr Ramya Rajkumar & Aiden Wong

**Paramedics Awards:** Dr Emily Granger & A/Prof Steven Faux
St. Vincent's Campus Research Week

Research Week is a celebration of the translational health research undertaken across the St Vincent's Research Campus. This year, the program focused on 2 broad research fields - Cancer Research and Cardiovascular Research. There was strong engagement from our UNSW St Vincent's Clinical School Academics, Conjoint students through the week. This year also marked a stronger involvement from St Vincent’s Clinical School with two of our admin staff members, Thuy Huynh and Laura Derkenne, joining the St Vincent's Research Week Organising Committee.

There were many highlights throughout the week:

◊ Associate Professor Anthony Schembri, CEO, officially launched the week at the Opening Ceremony on the Tuesday with guest speakers Dr Annabelle Bennett SC and Brendan Clifford.

◊ Professor Vlado Perkovic, Dean of Medicine, UNSW Sydney, featured as the keynote speaker for the opening session of the 27th Annual St Vincent's Research Symposium and spoke on his vision for Clinical and Translational Research.

◊ UNSW St Vincent's Clinical School research students and Conjoint had a strong presence at the Fast Forward Talks. Dr Thaw Htet, PhD candidate and UNSW conjoint, won the Chair’s Choice in the Fast Forward for her presentation ‘Personalised Medicine in Pre-Diabetes’.

◊ A/Prof Louise Emmett, a recipient of the SPHERE Supporting Leading Better Value Care Grant, spoke about her project “Additive diagnostic value of PSMA to mpMRI in the diagnostic setting: Ability to reduce unnecessary prostate biopsies in men being investigated for prostate cancer”. Dr David Gallego Ortega, SPHERE Cancer CAG Grant Recipient presented on his project "Understanding the role of the immune microenvironment in endocrine resistant ER+ breast cancer - a multi 'omics and machine learning approach”.

◊ UNSW St Vincent’s Clinical School again held an exciting and engaging display booth alongside UNSW Outreach Librarians. Researchers, staff and visitors of St Vincent’s Hospital enjoyed visiting the booths and seeking information about our medicine program and postgraduate research programs. Students from Sydney Girls High, St Vincent’s College and Randwick Girls High visited as part of the schools’ outreach program and were greeted by enthusiastic members of our school and sought information on university courses that were of interest to them. We had giveaways which included UNSW notepads, pens, sticky notepads, jelly beans, first aid kits and prospectuses.

◊ Numerous workshops and training sessions were held throughout the week which saw UNSW services; Research Infrastructure & Research Technology, UNSW Stats Central and UNSW Outreach Librarians engaging with researchers of all background through out the week. UNSW representatives from the Research Strategy Office (RSO) and Research Grants and Contracts, gave presentations on NHMRC grant reviews and application advice on the Monday to great attendance.
Year 6 Presentation & Farewell

On the 31st October, we held 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 administrative staff members.

Professor Jerry Greenfield, Head of School, announced the winners of 2019 Student and Staff awards, and the Tutors of the Year awards.

The night was an enjoyable and lively send off for our senior students who will be embarking on their medical careers as interns in 2020.

We wish them all the best in their future ventures.
The past twelve months have been momentous for St Vincent’s, and so much of this achievement can be apportioned to three unique attributes which are fundamentally driving all our endeavours: our Mission, person centered care, and innovation. And as 2019 draws to an end, I am delighted that these three attributes are particularly influencing our research and teaching on Campus.

During this past year, St Vincent’s has embarked on one of its most significant endeavours in recent times; the commencement of St Vincent’s Correctional Health to provide comprehensive health services to inmates at Parklea Correctional Centre, as part of a partnership with the Centre’s new operators MTC Broadspectrum. The St Vincent’s Correctional Health team is providing a range of high quality health services, including GP and nursing clinics, mental health, drug and alcohol, dental, radiology, physiotherapy and Aboriginal Health services. In line with St Vincent’s mission and values, this new service delivery solidifies our commitment to providing preferential treatment to our vulnerable populations.

The Campus continues to go from strength to strength in terms of our translational research, particularly our clinical trials programs. Our Kinghorn Cancer Centre is now recognised as the busiest clinical trials centre in NSW. This means that the largest proportion of our cancer patients are accessing cutting edge treatments – many of which are not available elsewhere.

Similarly, St Vincent’s is now NSW’s fastest growing provider of telehealth services, with more than 55 active telehealth programs and more than 80 trained clinicians providing care to people in rural or remote areas for a range of services, from pain management to alcohol and drug specialist support.

St Vincent’s launched our Campus Mental Health Strategy, an innovative plan to improve accessibility and service integration for the unique patient population that St Vincent’s has long served. The strategy focusses on the provision of high quality mental health services to preferentially care for the vulnerable, particularly those who are homeless, those with mental health conditions, those with drug and alcohol addiction, Aboriginal and Torres Strait Islander People and those in the justice system.

Late last year we opened the MRI Guided Focused Ultrasound Unit, the first in the Southern Hemisphere. This new technology treats patients with neurological disorders such as essential tremor and Parkinson’s disease without surgery, and with immediate results.

The incisionless treatment is rendering patients free of symptoms immediately after the non-invasive procedure. The combined neuroradiology, neurology and neurosurgery team use the newly acquired MR-guided Focussed Ultrasound (MRgFUS) device, which combines high intensity focussed ultrasound with Magnetic Resonance Imaging (MRI) to permanently interrupt the abnormal brain network causing tremors.

This year we launched St Vincent’s first Aboriginal & Torres Strait Islander Nursing scholarship, the Aunty Fay Carroll Nursing Traineeship, named in honour of our Elder Aunty Fay Carroll. The Scholarship incorporates a Diploma of Nursing from TAFE NSW Ultimo College and hands-on nursing experience here at St Vincent’s.

We also opened the Advanced Cardiac Imaging Centre at St Vincent’s Hospital – the first of its type in Australia. A joint initiative of the St Vincent’s Heart Lung Service and the Victor Chang.
Cardiac Research Institute, the new Centre brings two powerful and complementary cardiac imaging techniques – CT and MRI – together in a single space for the first time, operated by cardiologists and a dedicated team of radiographers.

We recently established Australia’s first Prostate Cancer Research Alliance (PCRA) in collaboration with the Peter MacCallum Cancer Centre and the University of Melbourne - bringing together world-leading experts to focus on the most promising ways of predicting the risk of future progression of prostate cancer at the time of diagnosis, reducing the progression of prostate cancer and improving treatments for men with advanced forms of the disease.

At St Vincent’s specifically, $5 million has been allocated to lead a randomised trial which looks at whether combining LuPSMA technology with hormone therapy drug enzalutamide will prolong the lives of men with metastatic prostate cancer.

Importantly, we commenced a new stimulant treatment service, providing free and confidential counselling for young people aged 16 to 25 who are using methamphetamine, cocaine, ecstasy and other drugs. In late 2018, we opened the Burton Street Centre which has seen clients with substance-use issues as young as 14. The centre’s inclusive model of care provides individual therapy for both the young person and concerned others, via family or network based therapy.

We also opened a new haematology and bone marrow and stem cell transplant ward. St Vincent’s Bone Marrow and Stem Cell Transplant Unit has been providing leading edge patient care to people with blood cancers such as leukaemia since 1975, having performed the first bone marrow transplant in Australia.

This year, in an important coming together of partners, we announced our partnership with the Institute of Global Homelessness, City of Sydney, NSW Government and the sector’s leading NGOs in a collaboration with hard targets to end street sleeping. Together, the aim is to reduce rough sleeping in the City of Sydney by 25% by 2020; reduce rough sleeping in the City of Sydney and NSW by 50% by 2025; and work toward zero rough sleeping in the City of Sydney and NSW.

While improving patient outcomes is at the heart of our clinicians’ endeavours, it was gratifying to see many of them acknowledged this year with several prestigious awards. In particular, Dr Jenny Stevens won Collaborative Leader of the Year at the NSW Health Awards; our health service won Employer Support Award for Australian Defence Force Reservists; and The Kinghorn Cancer Centre was awarded NSW Premier’s Award for Outstanding Clinical Trials Unit.

I am proud to report that in late 2018 St Vincent’s made some significant inroads in bolstering our commitment to workplace culture by embedding a new informal reporting system, known as ETHOS. It forms part of the organisation’s commitment to creating a culture of speaking up and addressing problems in an early, informal way. Such a cross-section of achievements this year – embodying our Mission but also strongly reflecting the pervasiveness of teaching and research across our Campus – and here you get a sense of the importance of our longstanding partnership with the UNSW Clinical School. As we embark on realising our St Vincent’s Campus Clinical Services Strategy, I am confident our partnership with UNSW will continue to go from strength to strength.
St Vincent's Clinic & St Vincent's Private Hospital

St Vincent's Private Hospital Sydney and St Vincent's Clinic are very proud of our long-standing involvement with the UNSW Clinical School. For over many years we have been helping to provide 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. Our involvement allows students to complement their theoretical studies with real world experience in real world situations in some of the best health facilities and under the guidance of some of the most recognised doctors in Australia.

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
- Experience gained in the private rooms of the St Vincent's Clinic VMOs

Once again, SVC awarded a prize for the best student’s Independent Learning Project. We congratulate the 2019 recipient, Ms Georgia Zeng. Georgia’s study was on “Investigating the prevalence and burden of coronary artery disease in patients with chronic liver disease by using CT coronary angiogram” under the supervision of A/Professor Mark Danta and A/Professor Jane McCrohon. We wish Georgia the best of luck in all her future endeavours.

SVPHS and SVC are also pleased to congratulate Dr Rohan Gett who was awarded the SVC Tutor of the Year prize.

In 2019, 20 doctors from SVPH and SVC, representing a number of specialities, and 41 students participated in the UNSW St Vincent's Clinical School programme. Many of the doctors at the Clinic have obtained the title of Associate Professor or Professor as a result of their involvement with UNSW.

We look forward to working together with UNSW and its students for many years to come.
Sydney Grammar visit

To many school students, medicine seems like an interesting and attractive career. But what is the reality? On Friday 11th October, a group of ten Year 12 Sydney Grammar boys were able to gain some understanding of medicine as a career by visiting St Vincent’s Hospital and the UNSW Clinical School. Dr Rohan Gett gave the welcome and there was then a fun quiz that tested knowledge of obscure facts about St Vincent’s Hospital and some medical trivia. One of the questions asked, who was the first surgeon to perform a heart transplant in Australia, of course at St Vincent’s? The visitors also heard from two doctors, one of whom was an old boy of the School.

The participation of a number of UNSW medical students was a highlight, allowing the boys to ask questions about studying at UNSW as well as seeing them in action. They were split into two groups to have a taster of life as a medical student. This involved practical skills, including taking blood pressure, finding a pulse, testing for reflexes and then having a try themselves. The boys had most fun with the patellar reflex, sometimes knocking away a number of times before there was a jerk.

Perhaps the highlight of the visit was the making-up and applying to each other of an arm back-slab. Much plaster of paris was spread around, so the wearing of plastic aprons was a necessity and a great deal of fun was had by all. The visitors then realised that they had to clean up, a sobering experience.

The boys thoroughly enjoyed the visit. It gave some insight into life as a medical student at UNSW and that practical skills are essential to good medicine. As they move on in the medical school application process, they can recount some of the learning and fun from their visit. Our thanks to Alison Cullen for arranging the visit.

Peter Whild
Careers Master, Sydney Grammar
St Vincent’s Clinical School (SVCS) remains one of the busiest schools in the Faculty of Medicine, UNSW and it continues to be a great success. The clinical school manages the postgraduate students within the St Vincent’s campus which includes the hospital, the Garvan Institute, the Victor Chang Cardiac Research Institute (VCCRI) and the St Vincent’s Applied Medical Research Facility. Currently there are almost 100 Higher Degree Research (HDR) students enrolled, with 26 new enrolments through 2019, an increase on 2018.

UNSW was awarded $33 million in NHMRC funding in 2019, with significant contribution from SVCS. A highlight was Professor Sally Dunwoodie, an internationally renowned biomedical researcher from the Victor Chang Cardiac Research Institute, being awarded a $5 million Synergy Grant for research to explain causes and outcomes relating to congenital heart disease. At a local level there is still great support for research from the St Vincent’s Clinic Foundation and the Curran Foundation which gave more than a $1 million annually to researchers on the campus. The majority of these are awarded to St Vincent’s Clinical School conjoints and it represents a great source of support for research groups and their postgraduate students. It is this funding that fosters our future research leaders.

At a UNSW level, it has been a relatively smooth transition to the four-term academic calendar (3+ calendar). We have seen more flexibility for students to begin and defer studies. There is continued evolution of the computer systems for management of the student’s candidature through Graduate Research Information System (GRIS). The next addition will be the incorporation of the thesis examination process. This should streamline another important component of a student’s candidature. On the subject of the examination process, it is now a requirement that all submitted theses are put through iThenticate, plagiarism software (https://research.unsw.edu.au/ithenticate-unsw), by the supervisor. Furthermore, there is now discussion of oral thesis defence for the PhD examination. It will become the standard examination process for the UNSW Master of Philosophy program in 2020 and optional for PhDs.

To improve the flow of information from the Graduate Research School to the SVCS we now meet regularly with the different institutes on the campus. Over the year there have been a number of courses and sessions to convey new develops at the university. These include Faculty workshops for student focussing on career development/industry training. UNSW has also created a new HDR student committee to get better student representation. Currently, the two SVCS representatives are Ranita Kirubakaran (Clinical Pharmacology) and Alex Corr (Garvan Institute). This committee is currently at working group stage reviewing student led HDR experience enhancement initiatives to be introduced in 2020.
St Vincent's Clinical School has introduced a number of prizes for thesis and travel support. This year’s winner of the thesis prize was Dr Mayooran Namasivayam. His thesis was titled: “Pressure, volume and flow: studies of ventricular, valvular and vascular haemodynamics in the cardiovascular system”. He was supervised by Conjoint Professor Chris Hayward of the VCCRI.

The winners of the St Vincent’s Clinical School travel awards to present their research outcomes at International and Domestic conferences were: Ranita Kirubakaran, Sarah Alexandrou, Sunny Wu, Celine Santiago, Ghamdan Al-Eryani.

In the Three Minute Thesis (3MT) competition PhD student Sarah Alexandrou’s ‘The Road to Resistance’ won the Faculty of Medicine 3MT and narrowly missed out in the UNSW grand final.

There was also vibrant participation by HDR students during the St Vincent’s Campus Research Week 2019 with PhD candidate Dr Thaw Htet winning the Chairs Choice Fast Forward presentation award.

St Vincent’s Clinical School will remain an important centre for medical postgraduate studies at UNSW. Keeping the School in the great shape that it is in, I have to thank Laura Derkenne, the PGC administrator who has been excellent in the role. At the Garvan Dr Tracy Anderson has also been invaluable, while Prof Boris Martinac at the Victor Chang Cardiac Research Institute keeps that institute in order. Finally, I would like to thank A/Prof David Simar, the Chair of the Faculty of Medicine HDC.

I’m sure 2020 will be a great year, driven by the work of all our HDR students and supervisors.
Highlights & Achievements

2019 Australia Day Honours

Member in the General Division of the Order of Australia (AM)
- Conjoint A/Professor Milton Cohen, for significant service to medical education in the field of pain management

2019 Queen's Birthday Honours

Member in the General Division of the Order of Australia (AM)
- Conjoint A/Professor Leon Simons, for significant service to cardiovascular medicine and to education
- Conjoint A/Professor Anthony Schembri, for significant service to hospital administration and to medical education

Medal (OAM) in the General Division
- Dr Greg O’Sullivan, for service to medicine in the field of anaesthesiology

Other mentionable Honours

Conjoint staff members that received significant honours in 2019:
- Dr Nada Hamad - appointed chair of the NSW Health Agency for Clinical Innovation Bone Marrow Transplant Network and elected president of the Bone Marrow Transplant Society of Australia and New Zealand and elected member of Australasian Leukemia and Lymphoma Group Bone Marrow and Cellular Therapies Working group and Scientific Advisory Committee
- Prof Stuart Tangye - received the presidential award from the Clinical Immunology Society of North America for outstanding long-term high-impact contributions to the science and clinical practice of clinical immunology including current up to date knowledge and/or perspective
- Prof John Mattick - received ant advance global impact award and ranked as the top Australian scientist in the field of molecular biology
- Prof Katherine Samaras - finalist portrait: Archibald Portrait Prize
- Dr Emily Stone - awarded IASLC lectureship award for smoking cessation
- Dr Eva Chan - awarded Ridley Ken Davies Award from the Ridley Corporation
Boosting Dementia Research Grant

Congratulations to Conjoint Professor Katherine Samaras for being awarded a Boosting Dementia Research Grant worth $2M. Professor Samaras will carry out a pioneering study to assess whether metformin, a common type 2 diabetes treatment, can help prevent dementia from developing.

SPHERE Cancer CAG Seed Grant

Congratulations to Conjoint Dr David Gallego-Ortega from the Garvan Institute and his team for winning a seed grant for their work on “understanding the role of the immune microenvironment in endocrine resistant ER+ breast cancer - a multi-omics and machine learning approach” worth $200,000 over 2 years.

NHMRC Investigator Grants

Congratulations to the following Conjoint Researchers for winning NHMRC Investigator grants:

- Drs Joseph Powell, Ira Deveson, Mark Pinese, Qian Du, Deborah Burnett and Stuart Tangye

NHMRC Medical Research Government Grants

Congratulations to the following Conjoint Researchers for winning medical research government grants:

- Early-Mid Career Fellowships - A/Prof Mark Cowley, Cindy Ma, Eleni Giannoulatou, Drs Joanne Reed, Charles Cox and Adam Hill
- Cardiovascular Senior Scientist and Clinician Grants - Prof Jamie Vandenberg, Prof Boris Martinac, Prof Sally Dunwoodie, Prof Roland Stocker, Prof Richard Harvey, Prof Bob Graham
- Translational Research Grant - A/Professor Nadine Ezard

NSW Premier’s Prize

Congratulations to Conjoint Professor Susan Clark who was awarded the 2019 NSW Premier’s Prize for Excellence in Medical Biological Sciences.

Australian Academy of Health and Medical Sciences (AAHMS)

Recognised for their outstanding contributions to the health and medical research landscape of Australia, 8 UNSW researchers were inducted as new Fellows. Congratulations to Conjoint Professors Sally Dunwoodie (Victor Chang) and Tuan Nguyen (Garvan).
Dean's Award for Outstanding PhD Thesis

Congratulations to the School postgraduate students who produced a thesis that only required minimal corrections and in the top 10% of PhD theses examined:

- Deborah Burnett - Investigation into immune tolerance
- Keeming Chia - Targeting the androgen receptor in breast cancer
- Qian Du - DNA replication timing: impact on the cancer genome and epigenome
- Katherine Giles - BRG1 ATP-Dependent chromatin remodeling in prostate cancer: epigenetic consequences
- William Lee - Improving risk assessment for drugs that cause cardiac arrhythmias: in silico and in vitro insights into acquired long QT syndrome
- Pietro Ridone - Modulation of mechanosensitive channel activity by plasma membrane lipids

ARC Postgraduate Council Research Awards

Congratulations to Prof Ric Day for receiving the ‘Outstanding Research Supervisor Award’ and Conjoint Senior Lecturer Dr Jane Carland for winning a ‘Research Supervisor Award’.

UNSW Promoting High Quality Research Papers Scheme

Congratulations to the following Academic and Conjoint Staff members for producing high quality research papers:

A/Prof Bryce Vissel, A/Prof Daniel Christ, A/Prof Richard Harvey, Prof Stuart Tangye, Prof Chris Goodnow, A/Prof Leon Simons, Prof Paul Timpson, Prof Robert Brink, A/Prof Louise Emmett, Dr Mark Febbraio, A/Prof Ann McCormack, Dr Alastair Stewart, A/Prof Tim Mercer, A/Prof Elgene Lim, Prof Diane Fatkin, Prof Susan Clark, A/Prof Joseph Powell, Dr David Croucher and Dr Peter Schofield.

ASCEPT-PAGANZ 2019 Joint Scientific Meeting

Prof Ric Day was awarded the ASCEPT Achievement Award 2019 for his substantial scientific and service contributions to Australasian Pharmacology, Clinical Pharmacology, Toxicology and Clinical Toxicology.

Ranita Kirubakaran (PhD Student) received the PAGANZ 2019 Nick Holfold Prize for her oral presentation entitled “External evaluation of population pharmacokinetic models for tacrolimus in adult heart transplant recipients”. 
Other mentionable grants and awards

- Dr Emily Stone - AMR Clinician Buy-Out Grant 2019
- Dr Emily Stone - NHMRC Partnership Project on "Improving outcomes for cancer patients who smoke": The Care to Quit stepped wedge randomised trial to implement best-practice cessation are in cancer centres
- Prof Andrew Carr - SVH AMR PhD Scholarship for Dr Jacqueline Loprete to study allergic diseases
- Prof Andrew Carr - SPHERE Triple I Seed Grant 2019-20: Peanut Oral Immunotherapy With or Without Omalizumab in Adults with a Peanut Allergy: a Randomised, Double Blind, Placebo Controlled Trial
- Dr Sam Emmanuel - National Heart Foundation Health Professional scholarship to assist with research on the Haemodynamics of Mechanical Circulatory Support devices
- Dr Beatriz Perez San Juan - Best postdoc talk (Garvan Postdoctoral Symposium 2019)
- Dr Beatriz Perez San Juan - Best cancer research poster (9th Garvan Cell signalling Symposium)
- Dr Jenny Stevens - Curran Foundation Research Grant $18,860 for hip fracture outcomes after fascia iliaca blockade
- Prof Roger Daly - US Department of Defense grant for “Resolving and Translating Communication within the Prostate Cancer Microenvironment”
- Prof Roger Daly - National Breast Cancer Foundation (NBCF) investigator initiated research scheme 2019 on “Evaluation of TAOK2 as a novel therapeutic target for personalized treatment of triple negative and HER2 breast cancers”.
- Prof Stuart Tangye - Job Research Foundation (USA) grant for “STAT3-mediated regulation of the human immune response – unravelling the complexities of disease pathogenesis of Job’s syndrome”.
- Dr Alina Stoita - PanCare Foundation grant for “Screening for pancreatic cancer in high risk individuals”
- Dr Siiri Iismaa - NH&MRC project grant: Induction of myocardial proliferation and regeneration in adult hearts
- Dr Siiri Iismaa - RT Hall Estate grant: Heart regeneration for cardiac disease
- Dr Richard Hillman - Inclusive Health Innovation Fund to investigate cancer awareness in people living with HIV
- Dr Kathy Wu - Inclusive Health Program for the following project: ENACT: Towards Implementation of Pharmacogenomics-guided therapy in Patients with Mental Illness
- Dr Debbie Burnett - EL1 NHMRC Investigator grant
- Dr Anthony Byrne - Hood Foundation grant (USA) for international research in Lima, Peru. This is a collaboration with Brown University (USA)
- Professor Jerry Greenfield - Diabetes Australia Millenium Award for Type 1 Diabetes
- Dr Richard Hillman - Professional bioinformation award from ABACBS
Successful Grant Applications

UNSW Administered Project Grants (commenced in 2019)

**RG183224 – National Breast Cancer Foundation/Investigator Research Scheme**
Dr Neil Portman, 01-Jan-2019 to 31-Dec-2020 for $197,825 on targeting the p53 pathway in the age of CDK4/6 inhibitor resistant ER positive breast cancer.

**RG183225 – National Breast Cancer Foundation/Investigator Research Scheme**
Dr Catherine Caldon, 01-Jan-2019 to 31-Dec-2021 for $582,433 on therapeutic targeting of dual CDK4/6 inhibitor and endocrine resistant breast cancer.

**RG183226 – National Breast Cancer Foundation/Investigator Research Scheme**
A/Prof Sandra O'Toole, 01-Jan-2019 to 31-Dec-2020 for $247,130 on improving treatment options for rare breast cancers - identifying therapeutic targets in malignant phyllodes tumours.

**RG183227 – National Breast Cancer Foundation/Investigator Research Scheme**
Dr Christine Chaffer, 01-Jan-2019 to 31-Dec-2020 for $241,246 on ablating SULF1: A novel and targeted therapeutic strategy to inhibit breast cancer metastasis.

**RG183228 – National Breast Cancer Foundation/Investigator Research Scheme**
A/Prof Alex Swarbrick, 01-Jan-2019 to 31-Dec-2021 for $760,520 on the Breast Cancer Cell Atlas.

**RG183389 – Westmead Millennium Institute for Medical Research/Australian Centre for HIV and Hepatitis Virology Research**
Prof Bruce Brew, 01-Jan-2019 to 31-Dec-2019 for $91,000 on development of assays in the assessment of central nervous system HIV reservoirs and neuroinflammation in HIV cure interventions.

**RG181181 – National Heart Foundation of Australia/Vanguard Grant**
Prof Ric Day, 01-Jan-2019 to 31-Dec-2020 for $74,087 on vascular effects of the sodium-glucose cotransporter 2 inhibitor empagliflozin in people with type 2 diabetes and chronic kidney disease (Stage 3B/4).

**RG191181 – National Heart Foundation of Australia/Vanguard Grant**
Prof Ric Day, 01-Jan-2019 to 31-Dec-2020 for $74,087 on vascular effects of the sodium-glucose cotransporter 2 inhibitor empagliflozin in people with type 2 diabetes and chronic kidney disease (Stage 3B/4).

**RG193099 – NSW Health/Cardiovascular Senior Scientist Grants**
Prof Boris Martinac, 31-May-2019 to 30-Jun-2022 for $749,999 on application of an isostretcher biomechatronics platform and engineering of a novel parallelized multistretcher technology for studies of cardiac mechano-signaling in HL-1 atrial cardiomyocytes.

**RG193105 – NSW Health/Cardiovascular Senior Scientist Grants**
Prof Richard Harvey, 31-May-2019 to 30-Jun-2022 for $750,000 on dissecting Molecular Causation of Hypoplastic Left Heart using Patient-Specific Induced Pluripotent Stem Cells.

**RG182876 – Diabetes Australia Research Trust (DART)/General Grants and Millennium Awards**
Prof Jerry Greenfield, 01-Jan-2019 to 31-Dec-2020 for $150,000 on phenotypic characterisation of adults with Type 1 Diabetes: Towards Personalised Adjunctive Treatment of Insulin Resistance.

**RG189224 – Australian Research Council/Discovery Early Career Researcher Award (DECRA)**
Dr Romain Rouet, 01-Jan-2019 to 31-Dec-2022 for $409,574 on targeted genome editing using engineered CRISPR-Cas endonucleases.
St Vincent's Clinic Grants awarded to UNSW Academics & Conjoint Staff

**SVPHS Ladies’ Committee Sr Mary Bernice Research Grant - $120,000**
“Vascular effects of the sodium - glucose cotransporter 2 inhibitor empagliflozin in people with type 2 diabetes and chronic kidney disease”. Principal Investigator - Prof Ric Day

**Adult Stem Cell Research Grant - $100,000**
“Investigating cohesin and ERG as cooperating oncogenes that drive haematopoietic stem cell transformation to acute leukaemia”. Principal Investigator - Dr Tim Molloy

**Tancred Research Grant - $50,000**
“Evaluation of cardioprotective effects of agents with newly identified Sodium Hydrogen Exchange inhibitor activity in H9c2 cells & an isolated working heart model of donor heart retrieval & cold storage.” Principal Investigator - Prof Peter Macdonald

**K&A Collins Cancer Research Grant - $50,000**
“Blocking IL1R1 signalling to inhibit breast cancer metastasis”. Principal Investigator - Dr Christine Chaffer

**Thelma Greig Cancer Research Grant - $50,000**
“Single-cell analyses to tailor stratification in patients with intermediate-risk prostate cancer”. Principal Investigator - Dr Aurelie Cazet

**Froulop Research Grant - $30,000**
“Pulsatility in continuous flow left ventricular assist devices - effect on microvascular beds”. Principal Investigator - Prof Chris Hayward

**Annual Research Grant 1 - $40,000**
“Reactivating p53 to combat CDK4/6 inhibitor resistant ER positive breast cancer”. Principal Investigator - A/Prof Elgene Lim

**Annual Research Grant 2 - $40,000**
“Mechanisms of phenotypic diversity in cardiac sodium channelopathies”. Principal Investigator - Dr Nicholas Kerr

**Annual Research Grant 3 - $40,000**
“Targeting the ASIC1a channel as a novel pathway of donor allograft cardioprotection with Hi1a, a disulphide - rich funnel web spider venom peptide”. Principal Investigator - A/Prof Kumud Dhital

**Annual Research Grant 4 - $40,000**
“Metabolic Monitoring and the Microbiome in Gastrointestinal Disease Study (3M-G study)”. Principal Investigator - A/Prof Mark Danta

**Annual Research Grant 5 - $40,000**
“Accurately diagnosing fusion genes in paediatric and adolescent and young (AYA) sarcomas”. Principal Investigator - Dr James Blackburn

**Annual Research Grant 6 - $40,000**
“Investigating the genetic causes of platelet disorders in the Sydney Platelet Group”. Principal Investigator - Dr Joanne Joseph

**Annual Research Grant 7 - $40,000**
“The TGF-B superfamily cytokine Macrophage Inhibitory Cytokine-1 (MIC) protects from development of prostate cancer”. Principal Investigator - Prof Samuel Breit

**Annual Research Grant 8 - $40,000**
“PRIMARY TRIAL – Can combined multiparametric MRI and PSMA PET imaging replace prostate biopsy in the primary diagnosis of prostate cancer?” Principal Investigator - Prof Phillip Stricker & A/Prof Louise Emmett

**Travelling Fellowship 1 - $10,000**
“Clinical and Research Cardiac Electrophysiology Fellowship at the Libin Institute and University of Calgary, Alberta, Canada”. Principal Investigator - Dr William Lee

**Travelling Fellowship 2 - $10,000**
“Clinical and Research Fellowship in Advanced Echocardiography (and Cardiovascular Magnetic Resonance Imaging), Massachusetts General Hospital and Harvard Medical School, Boston.” Principal Investigator - Dr Mayooran Namasivayam
PHASE 3
YEAR 6 Students

We started 2019, filtering into St Vincent’s from all around the world. The conversation starter, ‘how was your elective?’ would spark nostalgic discussions about warm beaches, freezing mountaintops and of course the incredible medical experiences. Maddy and Vanessa had spent their summer at Coffs Harbour and had enviable tans to show off. You might have heard about Agata’s daunting experiences performing CPR in the Philippines, or been privy to Sai’s countless selfies across Europe. At the annual electives lunch, we exhibited the photos that tried to capture the amazing places we’d been and the people we’d met.

Unfortunately the elective bubble could only last so long because 6th year had other plans for us. We quickly realised that we had far too much to study and too little time to do it in. Luckily we weren’t alone. We banded together in study groups, trying to find strength in numbers, and began tackling exam preparation. Mina’s gym memberships became redundant as she was often seen running to move her car and constantly carrying heavy piles of notes. Thankfully, our supportive interns, residents and consultants organised Viva tutorials to keep us on track. Here we witnessed Adeline break the sound barrier with her lightning fast answers.

Leanne, Ali and Kate kept us sane through the year with attempts to de-stress. There was the annual Doctors vs Students soccer match where we once again proved that youth does not always correlate with vitality or good soccer skills. Although we put up a good fight during the first half, the doctors caught up and succeeded 2-1. Ben still bears the emotional scars of the defeat, but will likely defect to the enemy’s team next year to bring them down from the inside. As the colder months rolled around, the Clinical School put on the delicious annual Winterfest lunch which was a great time for us to get to know the Phase 2 as well as 5th year students. The delicious food this year certainly warmed our hearts in the colder months!

The last teaching period before exams were arguably the most stressful times in our student lives. Getting desperate, we demonstrated great teamwork in helping each other prepare for the exams, led by our lovely team leader Hannah! As the weeks before our final exams ticked down, we put ourselves through vigorous mock exams and random exam practices both in the common room and with our tutors. For most of us, it felt like the only thing creeping up was our anxiety levels as we struggled to retain all the knowledge and information. Along came September and the 3 week exam crawled at such a slow pace but it
was over at long last! Looking back on those days, we turned out to be grateful for the exams as it brought us together across all the sequences, forging strong bonds and memories that will last a lifetime.

As we stepped back into hospital for our first day of PRINT, it felt as though a dark cloud had been lifted and everyone was in significantly better spirits. We soon realised that we only had 6-weeks left together before we would all move off to different hospitals. We were determined to make PRINT the most enjoyable term of Phase 3! Our timetable was filled with movie dates, brunches, karaoke, mini-golf, afternoon beers.. Oh and together with a couple of tutorials here and there. In contrast to earlier in the year where our conversations revolved mostly around which Viva cases we had already covered, the common room now became a bustling venue with regular board game sessions run by Mehul or friendly banter about Tim’s new haircut. This was of course, much to the dismay of the 3rd and 5th year students who would walk into the common room often looking very stressed out over their upcoming exams.

Fun activities aside, we also took the initiative to contribute back to help the junior students by running regular tutorial sessions and mock biomed examinations. This not only helped the junior levels academically, but also helped everyone in St Vincent’s forge closer bonds and develop the culture of learning from each other. It certainly also helped us recap information and knowledge that we had already forgotten!

The conclusion to 2019 has been an incredible one for all of us, and we are grateful to everyone at St Vincent’s Clinical School for creating such a supportive environment that has helped shape our learning and moulding us into the doctors that we have now become.

Timothy Ng & Sharanya Mohan
PHASE 3
Elective Term

A compulsory part of the UNSW Undergraduate Medicine Program is for the Phase 3 students to undergo Elective placements at the end of their 5th year. One of the key objectives of this term is to experience a different type of healthcare delivery from that practised in Australia and so many of our students head off overseas to various unfamiliar countries and continents, while others go in search of rural placements and specialised areas of medicine they may not get exposure to during their time at St Vincent’s.

Vanessa Wan was the lucky recipient of the Michael L Armstrong prize in 2018 affording her $1000 towards her Elective placement.

In my fifth year of medical school, I got a wonderful opportunity to do a four weeks placement at the Department of Oncology at the Western General Hospital in Edinburgh, Scotland. It was a great learning experience. The weather was cold but not the people and Edinburgh was so beautiful- it was worth it and I highly recommend it.

As a part of this placement, I had the freedom to develop my timetable. So there was no bound to how much I can learn, and I was free to walk around and attend any clinical activity. I utilised this opportunity to get a taste of various oncology disciplines. I spent a significant amount of time in the Cancer Assessment Unit, which is a unit for clerking oncology patients with acute or subacute symptoms. I saw many cases of common oncological emergencies, such as spinal cord compression and hypercalcemia. One of the most valuable experiences for me was observing surgeries. I had a chance to observe brachytherapy, which is only done in major oncology units, and mastectomy, which was a first time experience for me. These clinical experiences were complemented by a wide range of teaching tutorials and added to the overall learning experience.

On the weekdays, after the hospital was over, I used to go for walking tours, hiking and museums. My favourite walking tour was learning about interesting facts of Harry Potter, including how JK Rowling got inspiration for characters’ names from a graveyard in Edinburgh. A hike which I thoroughly enjoyed was walking up the Arthur Seat and overviewing the entire city. The museums are free for students and have a good collection.

On the weekends, I took the opportunity to go around Scotland. The highlight of one of my day trips to Glasgow was a visit to the Kelvingrove Art Gallery. The popular painting of Christ of St John of the Cross by Salvador Dali caught my eye. I also went up to the Isle of Skye. Recommended by the locals, I had iron bru and ate haggis in whiskey sauce. It was also my first encounter with the hairy cows—very adorable. In general, I enjoyed learning about the fairy tales, history and landscape of Scotland.

Doing an elective overseas in Scotland was one of my best experiences in medical school. I am grateful to have this opportunity to experience working in healthcare outside Australia. I believe culture has a lot of influence on healthcare. Looking at the healthcare system from a different cultural perspective during this elective has certainly helped me become a better medical professional.

Vanessa Wan
UNSW Medical student
Big Picture Competition
Winners 2019

COMMUNITY Category
Nicholas Nathan – Market, Malaysia

TRAVEL Category
Madeleine Janin – Giraffe, African Safari

SELFIE Category
Saikrishna Ananthapadmanabhan – Palace of Versailles, France

ELECTIVE Category
Hannah Wade – Galle, Sri Lanka
I chose UNSW because of the good reputation of its medical school and the wide variety of hospitals and departments offered for the medical elective program.

Hematology is the specialty I am interested to know more about and I wanted to have more exposure to different hematological and oncology conditions, and the treatment protocols in a different country. St Vincent’s Hospital is one of the top hematological centers in Sydney and has an excellent reputation of medical practice, with consultants involved in successful medical studies. I wanted to come to Sydney because it has lots of popular tourist attractions, full of good places to spend time in, has an excellent transportation system and has all needed services to visitors close by anywhere.

To be honest this was one of the most amazing experiences ever. I had lots of wonderful time learning and helping in the wards. Although most patients are critically ill because of cancers and relapses, being there in 7 weeks helps you to follow up the progress of these patients, their ups and downs, their treatment adjustments on daily basis, its complications and follow ups. Although I was assigned to one consultant, I was welcomed to attend clinics with 4 other consultants. They all were helpful, ready to teach and explained everything to me once I asked. They also talked me through the trials in chemotherapy performed in Australia and the results.

I also had chance to observe stem cell collection, with explanation of the steps and the basics of this part of treatment. Attended several bone marrow procedures, lymph nodes and liver biopsies, peripheral line insertion and central venous line insertion. Hematopathology lab was welcoming too, I had multiple teaching sessions about preparing samples, reading hematological tests results. The doctors in the lab also granted me the chance to see the slides of different patients diagnosed with hematological malignancies and guided me to understand the basis of the diagnosis. Different meetings were done in weekly basis by the hematology department and other departments for learning purposes like: Radiology, pathology and multidisciplinary meetings.

Sydney was amazing! It was the perfect elective destination I could ever plan for. We visited many places within the district, which took around 2-3 hours by train. The geological part of this country has great diversity, you get to visit everything (mountains, rainforests, beaches, national parks & caves). Transportation was the easiest part, we got a rechargeable card that is used for all public transports (Trains, buses & ferry). And by the guidance of google maps we were able to visit any place we wanted. Halal food was available close by anywhere we visited. People were nice, respectful & helpful.

I had the best 7 weeks in my life with this chance given to us by the college. I learned new things each day spent there and I enjoyed travelling to a new place as a student.

Johyna Abdullah Yahya Alrajhi
Ultan Qaboos University, Oman
For our cohort, 2019 began with dusting off our stethoscopes and rigorously practicing our favourite line – “Hi, my name is {name}, I am a fifth year medical student, do you mind if I {intention}?!” – as we were all returning from a 12 month hiatus from clinical medicine. It was safe to say that this was a step outside of our comfort zone, as we realised we were now expected to adjust our circadian rhythm to attend 7am ward rounds, integrate as part of the medical team (irrespective of the free post-ward round coffee) and accept the fact that we can no longer use the “I’m a third year medical student” excuse when asked a question. We hit the ground running and the regular reminders that “we are fifth year medical students; we should know more” ceased after the first few weeks once we had mastered the art of being a phase 3 medical student.

As the famous Graham Jones diagram stipulates, we get out what we put in and thus we relished the opportunities that St Vincent’s had to offer us. While some of us were soaring interstate in private jets for organ retrieval, others were on the frontlines of St Vincent’s emergency stabbing patients with cannulas and fulfilling their duties as an integral member of the resuscitation team. Our enthusiasm extended beyond the medical realm to the inaugural Doctors V Students soccer game. Although the students started out strong and victory seemed inevitable with our 1-0 halftime lead, the Doctors’ capacity to pay the referee far surpassed ours’ and we graciously accepted a 2-1 defeat.

Despite the on-field sledging and the heavy hearts we beared following our defeat, I would like to sincerely thank the Doctors who have made time to teach us throughout the year. On behalf of myself and my fellow fifth year students we are truly grateful for the teaching we’ve received throughout the year and we wouldn’t have made through the 10-month fifth year marathon without your support. We would also like to thank the nurses who have put up with our noob behaviour on the ward (you guys are the real MVP’s). Finally, big thanks to Alison, Kate and Leanne/Winston – I can’t imagine phase 3 being possible without your support and friendly goss.

It feels surreal to say that fifth year has come to an end already. Most of us are about to jet off across the globe for our Summer electives, but we can’t wait to return in March as there’s no place like home (and no other hospital with South Dowling Sandwiches).

Elijah Stone
PHASE 2 Students

With the summer holidays drawing to a close, it was once again time for St Vincent’s Clinical School to welcome its newest group of over-enthusiastic and woefully inexperienced 3rd year students through its doors. Equipped with our stethoscopes, pen torches, and a basic understanding of clinical medicine, we were both nervous and excited to put our skills to the test and start wreaking havoc in the hospital.

After a gentle introduction to the clinical environment from clinical school staff and course tutors, we plucked up the courage to hit the wards and start visiting patients. Fortunately for us, the nervous energy generated by us amateur 3rd years was easily picked up on by the lovely medical, nursing and allied health staff, who were more than happy to help us through our first clinical experiences. There was never a lack of opportunities to supplement our course material or satisfy our eager curiosity. The support and guidance by staff was key to cultivating the confidence and independence we required to start assessing patients on our own.

Our medical experience became much more real as we started to learn the skills we would soon become adept in. From basic life support and airway management to cannulation and plaster casting, it was exciting (and daunting) to realise we were only a few years from applying these to real patients under our care.

As the year progressed, the gaps in our knowledge were quickly filled with information. The mammoth effort of covering most of the core disciplines of internal medicine and surgery in 12 short weeks through two Adult Health courses was made infinitely easier by the support we received from our course and bedside tutors, as well as from our peers. We gained a much greater appreciation of medical and surgical management, with the complexities of comorbidities in multiple systems becoming far less overwhelming than before. The Oncology & Palliative Care and Aged Care & Rehabilitation terms gave us challenging yet rewarding insights into multidisciplinary end-of-life care, and equipped us with the sensitivities to guide patients through difficult medical decisions. In these terms, we had the privilege of experiencing teaching at the Kinghorn Centre, Sacred Heart Hospice, and the War Memorial Hospital in Waverly.

With most of us completing our Society & Health and Beginnings, Growth and Development terms at different hospitals and clinics, it quickly became apparent the high degree of autonomy given to students at St Vincent’s. The almost universal approach by hospital staff to foster the educational opportunities for junior medical students such as ourselves stood out as a key advantage of undertaking our Phase 2 studies at this hospital – a decision that has left us with no regrets.

Perhaps the biggest change over the course of the year was the close bonds we formed with one another. With far too many coffee breaks and Darlinghurst lunch runs than is feasible on student budgets, we always made time for one another and forged new friendships across our intimate sequence groups. Whilst we made the most of our time at hospital, we always managed to find an excuse for a beach trip, cheeky Messina ice-cream or dinner out to reflect on our experiences and enjoy each other’s company.

Of course, none of this could have been possible without the constant work of the staff in St Vincent’s Clinical School supporting us at every step of the way. A special mention to Ali, Kate and Leanne for ensuring we all got the most out of our learning this year. They greeted all of our silly questions, special requests and excessive common room noise with a smile every time, and for that we are forever grateful.

We wish the students of 2020 all the best at St Vincent’s and hope they have as full and satisfying an experience as ours.

Andrew McCulloch and Aziz Lawandos
PHASE 1 Students

Beginning our medicine degree has been both exhilarating and daunting. We were thrown into the fast-paced teaching style of university at the beginning of the year. Hospital sessions were a reprieve where notes and diagrams that were thrown at us initially began to make sense in the bigger picture. It wasn’t just applying our medical sciences but even building a foundation of the basics such as communication. Even the most confident of students realised that communication was a skill to be improved upon, that forgetting questions was common and that there was no right way to take a history.

I found that the insights we were given beyond the diagnosis particularly interesting. Delving into methods of treatment, differential diagnosis and clinical evaluation. To view the patient as an individual rather than just their diagnosis allowed us to integrate previous courses and understand the complexities of an illness or medical condition. Although we were taught how to conduct each examination on campus it wasn’t until we reached hospital sessions that tutors were able to explain why we did each aspect and step of an exam. I found this very useful in applying the information we had learnt in class to a real-world application in hospital.

We would like to extend our deepest thanks to the patients, whom give their time to answer our questions and give us an insight into their lives. Furthermore, we are incredibly grateful to the hospital tutors who provide not only their time but also their guidance to improve our skills and learn the clinical aspects of our theory. This all would not be possible without the work of the St. Vincent’s administration staff who always keep us informed of where we should be and when we need to be there, without them the hospital experience would not be as organised and supportive as it is. With each session our confidence and abilities have grown. This first taste of hospital has motivated us to explore the broader picture of health and the care we will provide. We look forward to what phase 2 has to bring and the skills we will further develop.

Caitlin Young

PHASE 1 Tutor Report

I have had the great pleasure of teaching the Phase 1 UNSW students this year at St Vincent’s Clinical School. It has been a very rewarding experience teaching groups of intelligent and motivated individuals who are always keen to learn and get involved. It reminds me of why I enjoyed learning medicine so much, and is always a good revision of the basics.

Having bedside tutorials at hospital can be an intimidating experience for any medical student. There is a lot to get used to in the bustling hospital environment, let alone navigating the experience of becoming privy to the inner lives of patients who are at their most vulnerable. The experience patients offer medical students is invaluable, allowing them to develop their bedside manner in a safe, small-group setting. I have been pleasantly surprised by the professional, perceptive and empathetic bedside manner I’ve seen from even the first years who are just starting out. Only a number of months into their journey and they already recognise the vital importance of a clear introduction and consent.

As recent graduates of medical school ourselves I think JMOs are uniquely positioned to mentor and guide medical students as they are introduced to the hospital environment. During the teaching sessions I am often reminded of all the great tutors I have had over the years. I have been mindful of the techniques they have used, along with those I picked up on the Teaching on the Run course St Vincent’s offered. It is not until I became a tutor myself that I truly appreciated the time and sacrifice tutors have put into my own medical training – there are always more discharges to write and teams to consult but medical education is invaluable and should always be a priority.

I wish all the Phase 1 students a rich and rewarding career in medicine and look forward to meeting my next group!

Dr Annie Macadam
Junior Medical Officer
Independent Learning Projects

**Project Name:** Minimal platelet counts required for central venous access and/or other low risk percutaneous procedures  
**Supervisors:** Dr Joanne Joseph & Dr Erez Ben-Menachem  
**Student:** Tammy Cai

**Project Name:** Spine fusion success rates, including a literature review  
**Supervisors:** Dr Timothy Steel & Dr Ellen Frydenberg  
**Student:** Patrick Dodd

**Project Name:** Adherence to guidelines in Lynch syndrome patients  
**Supervisors:** Prof Allan Spigelman & Dr Darren Gold  
**Student:** Li Han Goh

**Project Name:** Acute Kidney Injury following Cardiac Surgery  
**Supervisors:** Dr Priya Nair & Dr Hergen Buscher  
**Student:** Kai Ting Ho

**Project Name:** Associations between pituitary tumour volume and hypofunction in pituitary adenomas  
**Supervisors:** A/Prof Ann McCormack & Prof Richard Harvey  
**Student:** Matthew Hui

**Project Name:** Comparison of septal extension graft vs columella strut for nasal tip support and function.  
**Supervisors:** Prof Richard Harvey & Dr Sean Flanagan  
**Student:** Adil Lathif

**Project Name:** Patient perceptions of, and adherence to, medication in Chronic Disease  
**Supervisors:** Prof Ric Day & Dr Eindra Aung  
**Student:** Chi Mao

**Project Name:** Hearing loss and the effects of sound therapy on auditory nerve synapses  
**Supervisors:** Dr David Ryugo & Dr Michael Muniak  
**Student:** Satoshi Nishitani

Students presenting at SVH Medical Grand Rounds
Honours Projects

Project Name: Enhancing Treg responses for pancreas regeneration
Supervisors: Dr Daniel Hesselson & A/Prof Shane Grey
Student: Camilla Roshal P

Project Name: Investigating the role of lysosomal exocytosis as a critical component of disease progression in Parkinson’s Disease
Supervisors: A/Prof Antony Cooper & Prof Trevor Biden
Student: Sudarshan Ravi

Project Name: Examination of drug administration – impact on clinical care
Supervisors: Dr Sophie Stocker & Prof Ric Day
Student: Stephanie Roydhouse

Project Name: Investigating cooperating oncogenes that drive acute leukaemia
Supervisors: Dr Timothy Molloy & Prof David Ma
Student: Vincent Jiang

Project Name: Metabolic Monitoring of the Microbiome in Gastrointestinal Disease Study (3M-G study)
Supervisors: A/Prof Mark Danta & Dr Simon Ghaly
Student: Sophie Walter

Project Name: Therapeutic Drug Monitoring (TDM) of Vancomycin – Evaluation of a TDM Advisory Service
Supervisors: Dr Jane Carland, Dr Sophie Stocker & Prof Ric Day
Student: Jenny Yang

Project Name: Enhancing Treg responses for pancreas regeneration
Supervisors: Dr Daniel Hesselson & A/Prof Shane Grey
Student: Camilla Roshal P

Project Name: Investigating the role of lysosomal exocytosis as a critical component of disease progression in Parkinson’s Disease
Supervisors: A/Prof Antony Cooper & Prof Trevor Biden
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Supervisors: A/Prof Mark Danta & Dr Simon Ghaly
Student: Sophie Walter

Project Name: Therapeutic Drug Monitoring (TDM) of Vancomycin – Evaluation of a TDM Advisory Service
Supervisors: Dr Jane Carland, Dr Sophie Stocker & Prof Ric Day
Student: Jenny Yang
School Conjoint Staff

As at 20 December 2019

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Bruce Brew
Jo-anne Brien
Robert Brink
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Erez Ben-Menachem
Melinda Berry
Nigel Biggs
Vita Birzniece
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Hergen Buscher
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Catherine Caldon
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Katrina Tonga
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Kylie Webster
Monique Windley
Kathy Wu
Tao Yang
Mary-Anne Young
Ze Yan (Jane) Xu
John Zauders
Elena Zotenko
Lei Zhang

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## Key Dates 2020

### TERM DATES

**Medicine I, II**  
Teaching period M1A  17 Feb - 12 Apr  
Teaching recess  13 Apr - 26 Apr  
Teaching period M1B  27 Apr - 21 Jun  
Teaching recess  22 Jun - 5 Jul  
Teaching period M2A  6 Jul - 30 Aug  
Teaching recess  31 Aug - 13 Sep  
Teaching period M3A  14 Sep - 8 Nov  
Study & Exam period  9 Nov - 6 Dec

**Medicine III - Coursework**  
Teaching period MS1  6 Jan - 16 Feb  
Teaching period M1A  17 Feb - 17 May  
Teaching recess  13 Apr - 26 Apr  
Teaching Period MT2  18 May - 23 Aug  
Mid-year recess  22 Jun - 12 Jul  
Teaching recess  24 Aug - 30 Aug  
Teaching Period M3A  1 Aug - 8 Nov  
Study & Exam period  9 Nov - 29 Nov

**Medicine IV - ILP**  
Teaching Period M1A  3 Feb - 3 May  
Teaching recess  4 May - 31 May  
Teaching Period MT2  1 Jun - 16 Aug  
Teaching recess  17 Aug - 13 Sep  
Teaching Period M3A  1 Aug - 22 Nov

**Medicine V**  
Teaching period MS1  6 Jan - 1 Mar  
Teaching period M1A  2 Mar - 3 May  
Teaching recess  30 Mar - 5 Apr  
Teaching period M1B  4 May - 28 Jun  
Teaching recess  29 Jun - 5 Jul  
Teaching period M2A  6 Jul - 30 Aug  
Teaching recess  31 Aug - 8 Sep  
Teaching period M3A  7 Sep - 1 Nov  
Study & Exam period  2 - 15 Nov

**Medicine VI**  
Teaching period MS1  6 Jan - 1 Mar  
Teaching period M1A  2 Mar - 3 May  
Teaching recess  30 Mar - 5 Apr  
Teaching period M1B  4 May - 28 Jun  
Teaching recess  29 Jun - 5 Jul  
Teaching period M2A  6 Jul - 30 Aug  
Study & Exam period  31 Aug - 4 Oct  
Teaching period M3A  12 Oct - 22 Nov  
Teaching recess  5 - 11 Oct

### EXAM DATES

**Phase 1 OSCE**  
25 & 26 November 2020

**Phase 2 ICE**  
18 & 19 November 2020

**Phase 3 Clinical**  
9 & 10 September 2020

**Phase 3 Oral:**  
15 & 16 September 2020

**Phase 3 Portfolio**  
23 & 24 September 2020

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