



ARTIST'S IMPRESSION OF HEALTH AND WELLBEING PRECINCT – DUE TO OPEN IN 2020

# 2017

## Central Coast Medical School

### Newsletter

IN THIS ISSUE...

## Summary: 2017 and Beyond

### Teaching & Research Unit

The Teaching & Research Unit (TRU) is a collaboration between Central Coast Local Health District (CCLHD) and the University of Newcastle (UON), and houses academic and administration staff from both institutions.

It was established in 2001, with the signing of a Memorandum of Understanding between Central Coast Health (CCH) and the Faculty of Medicine and Health Sciences at UON to formalize the medical teaching link.

### Central Coast Medical School

The Central Coast Medical School (CCMS) is located within the TRU, and currently hosts 80 students from the Joint Medical Program (JMP) between UON and the University of New England: 40 each in years 4 and 5 of the five-year Bachelor of Medicine (BMed).

### Changes during 2017

This year has seen changes in leadership, location and fundamental changes to the JMP with far reaching implications for future medical education on the Central Coast.

- ▶ **Farewell to A/Prof Martin Veysey:** the start of 2017 saw the departure of A/Prof Martin Veysey, who returned to the UK after over 14 years on the Central Coast, to take up a role as Professor at Hull York Medical School and Program Director of the MBBS.

- ▶ **Farewell to Building 14:** this was home to the TRU from 2001 until February this year, when we were moved into a section of the Library as part of the Gosford Hospital redevelopment.
- ▶ **Start of new medicine program:** transition of the JMP from the BMed to a completely redesigned program, the Doctor of Medicine (MD).



### Looking to the Future...

Dr Amanda Dawson, who commenced in 2005 as a Senior Lecturer in Surgery with UON and a general surgeon with CCLHD, has now taken over as Director of the TRU and Clinical Dean of the CCMS. She has taken over during exciting times, which will see a number of changes, including:

- ▶ **In 2018:** introduction of BEACCHES: Beginning Education At Central Coast Hospitals.
- ▶ **In 2019:** overlap of students completing years 4 and 5 of the BMed with students in year 3 of the MD.
- ▶ **In 2020:** relocation of the CCMS to the new Medical School in the Health and Wellbeing Precinct and commencement delivery of all years of the MD starting with 30 year 1 students.

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# A Message from Dr Amanda Dawson

The end of the year inevitably brings a time for important reflection on the year had, experiences gained, lessons learned, friendships made and sometimes mistakes made along the way.

Yet again, there have many reflective opportunities for me to acknowledge and feel fortunate to work in both the Central Coast Local Health District and the Central Coast Medical School. I would like to particularly acknowledge Professor Martin Veysey for the ongoing support he has provided this year, and wish him well in York.

We are very fortunate, of that there is no doubt, and the many individuals within our community all serve to create an environment that has the patients at the centre of all we do and strive for, an important value not to lose sight of.

As a Medical School, we also know that we cannot do it alone. My appreciation is extended to all who make the Central Coast Medical School of the University of Newcastle what it is: conjoint staff, support staff, families and of course, our students, the very reason we all do what we do.

I wish to thank all staff for the great enthusiasm in which they have approached their work, enabling our students to have rich learning experiences and making available such a wonderful range of opportunities.

It has been very rewarding for us all to see how vigorously our students have responded in being very engaged, striving for their best and achieving so much. The students' respect and gratitude for their teachers was also evident in their feedback, including the Dean's Awards.

## Dean's Awards 2017

The Dean's Awards are presented each year to acknowledge Excellence in Teaching. They are voted upon by the student cohorts from years 4 and 5 based on the Central Coast, and are presented at the annual Testimonial Dinner.

I would like to congratulate the following members of the medical teaching community who were particularly valued by the students for the quality of their teaching.

The 2017 Dean's Awards were won by:

### ► SPECIALIST

**Winner of Best Specialist:** Bill Munro  
**Highly commended:** Bernie Bourke, Sally Carr  
**Commended:** Louis Angelopoulos, Simon Wyer, Maged William

### ► REGISTRAR

**Winner of Best Registrar:** Sayontonee Ghosh  
**Highly Commended:** Kathleen Batty, Matt Ingram, Michael Parkinson, Ellen Hardy

### ► DEAN'S SPECIAL AWARD

To recognise outstanding initiative in teaching, I would also congratulate the joint winners of a new award, for their outstanding work in near peer teaching and the creation and maintenance of an online learning platform.

**Winners of the Dean's Special Award:**  
 Ben Reardon and Sarah Wong



## BEACCHES

I am also particularly excited by the commencement of the BEACCHES program next year, as a welcome to new students who will be Beginning Education at Central Coast Hospitals next year - it promises to be an excellent opportunity.

## Future Directions...



## IMAGINE

Our students are also participating in an Australian first in the New Year - a student-led research collaborative with medical students across Europe, Australia and New Zealand in the IMAGINE TRIAL.

The Australian Centres are in SE Queensland, Adelaide, Newcastle and the Central Coast. Gosford and Wyong are contributing three of the 12 Australian sites for the study. University of Newcastle Students are contributing nine of the 12 Australian sites.

Attached is a link to the study website – the YouTube video is good as orientation. The students will be participating as members of the Surgical Trainee Organisation for Research Central Coast Collaborative (STORCC.com).

<http://eurosurg.org/imagine-hub/>



## ACE

Academy of Clinical Educators (ACE) was launched in 2017 to recognise the important contribution of the clinical educators who engage with the Joint Medical Program (JMP).

ACE aims to promote high quality medical education across clinical services, to promote scholarship and innovation in clinical education and to support the career development of clinical teachers.

While focused on undergraduate education in the JMP, the aim is to build a network and community of practice that

encompasses clinical education in undergraduate, pre-vocational and vocational training and continuing professional development.

This year we welcomed Professor Kichu Nair and Professor Brian Jolly to the Central Coast - as they facilitated the first two modules of the Certificate in Clinical Teaching and Supervision.

The Academy is delighted to announce the launch of its Teaching Excellence Awards. These provide an important opportunity to recognise the achievements among our clinical educators (whatever their level of experience) and particularly highlight examples of innovation in clinical teaching or an opportunity to acknowledge an outstanding commitment by a clinical teacher to medical education.

The 2017 Teaching Excellence Awards have been awarded:  
Dr Richard Arnold received an award for the STITCCH program.

<http://www.stitcch.com/>

### Farewell, Year 5

*"And suddenly you know...It's time to start something new and trust the magic of beginnings."*

It will be with mixed emotions again that we will wish our departing Year 5 students all the very best in their future careers. I look forward to welcoming them back in the future as colleagues.

I wish those students who are leaving the Central Coast Medical School all the very best for the new chapter in your lives, be it elsewhere in Australia or overseas, and look forward to welcoming the 2018 cohort of students back to the Central Coast Medical School in January, rested and refreshed for the next year in their learning journey.

We wish you and your families an enjoyable and relaxing summer break. Thank you for all your support in 2017, and I look forward to working with you next year.

*Amanda Dawson*

Dean, Central Coast Medical School

# 2018: Delivery of the JMP on the Central Coast

## Year 4

Year 4 is the first year of full time hospital placement for continuing BMed students, and combines the previously learned basic sciences knowledge with professional skills in real-world clinical situations.

### MEDI4015:

#### Women's, Adolescents' & Children's Health (WACH):

Students develop understanding, skills and professional attitudes, as well as gaining firsthand experience of the study and management of all aspects of human reproduction and paediatrics.

**Exams** for WACH consist of an OSCE and MCQs, both held at the end of semester.

### MEDI4016:

#### Medicine and Surgery:

Students are attached to surgical/medical teams, enabling them to build on clinical skills and implement knowledge in patient scenarios. Learning focusses on medical and surgical problems, from presentation, to diagnosis, to management and associated issues arising.

**Exams** for consist of a Medicine Long Case at the end of each term, Surgery VIVAs at the end of semester, and end of semester MCQs for the course.

2018: Year 4 - Calendar at a glance	
<b>Semester 1</b>	
<b>Term 1</b>	Mon 22 January - Fri 16 March
Medicine Long Case exam week	Mon 12 March
2 week vacation period	Mon 19 March - Fri 30 March
<b>Term 2</b>	Tue 3 April - Fri 25 May
Medicine Long Case exam week	Mon 21 May
Review Week	Mon 28 May
1 week Study Vacation (stuvac)	Mon 4 June
Exam week (Surgery Vivas & WACH OSCEs)	Mon 11 June
1 week mid-year vacation	Mon 18 June
<b>Semester 2</b>	
<b>Term 3</b>	Mon 2 July - Fri 24 August
Medicine Long Case exam week	Mon 20 August
2 week vacation period	Mon 27 August
<b>Term 4</b>	Mon 10 September - Fri 2 Nov
Medicine Long Case exam week	Mon 29 October
Review Week	Mon 5 November
1 week of Study Vacation (stuvac)	Mon 12 November
Exam week (Surgery Vivas & WACH OSCEs)	Mon 19 November

## Year 5

This is a pre-internship year, with courses that aim to develop the skills required for clinical practice on completion of the BMed.

### MEDI5015:

#### Medicine, Psychiatry, Palliative Care & Primary Health Care Selective (PHCS)

**Medicine:** aims to refine basic clinical skills and knowledge, to perfect core practical skills, and to integrate knowledge of basic science/physiology with clinical practice. The course covers administrative skills required for internship, including rational planning of investigations, appropriate referral to other medical/ allied health services, discharge planning, and liaison with community services and GPs.

**Psychiatry:** is a clinical apprenticeship where students participate in ward rounds, clinical documenting of patients, and other unit activities, including regular discussion of patient diagnostic and treatment issues with

registrars and consultant psychiatrists. Students learn how to identify, assess and manage common psychiatric disorders and psychosocial problems.

**Palliative Care:** the main areas of focus involves management of pain and other symptoms, together with psycho-spiritual care, and the support of carers/families into the bereavement phase.

**PHCS:** is a 4-week experiential learning rotation focusing on primary health care settings, including at least one week in General Practice. Other PHCS settings may include Pharmacists, Physiotherapists, Chiropractors and Family Health Centres.

**Assessment of MEDI5015** consists of:

- ▶ a *Medicine Long Case* at the end of each rotation, plus a *48 hour research task*
- ▶ a *Psychiatry OSCE* at the end of semester
- ▶ a *Longitudinal Research Task*, due at the end of semester

### MEDI5016:

#### Critical Care & Special Studies Option (SSO)

Critical Care consists of attachments in Emergency Medicine, Anaesthesia, Intensive Care, Orthopaedics, Oncology and an SSO. The course provides a means to gain first-hand experience of the assessment, diagnosis, investigation and management of a range of clinical problems, including critical care. Students also gain experience in basic & advanced life support.

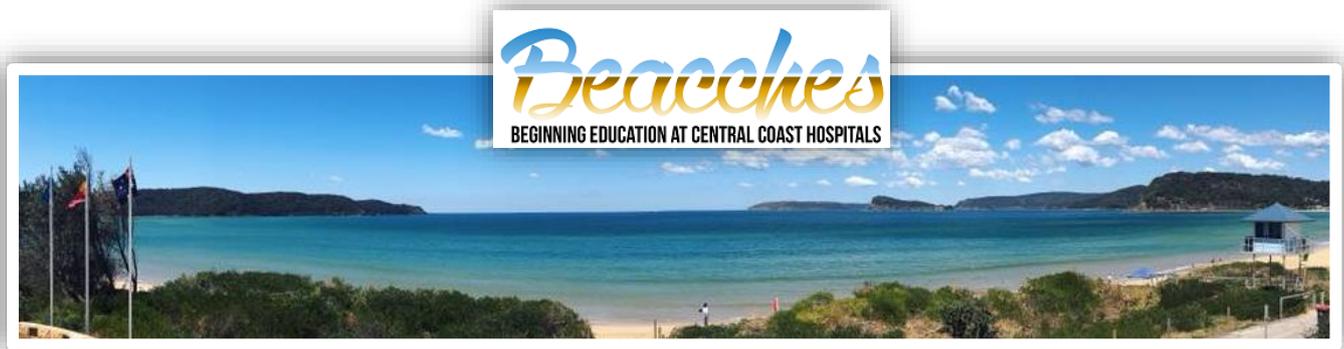
**SSO:** is designed to provide an opportunity to explore a theme or topic in depth and under the guidance of an expert supervisor.

**Assessment of MEDI5016** consists of:

- ▶ a *Critical Care OSCE* at end of semester
- ▶ a *Quality in Health Care* research task, due at the end of semester

2018: Year 5 - Calendar at a glance			
Medicine, Psychiatry, Palliative Care		Critical Care	
Semester 1		Semester 1	
Rotation 1	Mon 15 January - Fri 2 March	Rotation 1	Mon 15 January - Fri 23 February
Medicine Long Case week	Mon 26 February	Rotation 2	Mon 26 January - Fri 6 April
Rotation 2	Mon 5 March - Fri 20 April	Rotation 3	Mon 9 April - Fri 19 May
Medicine Long Case week	Mon 16 April	Critical Care OSCE	Wed 23 May
Rotation 3	Mon 23 April - Fri 8 June	1 week mid-year vacation	Mon 28 May
Medicine Long Case week	Mon 4 June		
Psych OSCE	Mon 11 June		
Semester 2		Semester 2	
Rotation 4	Mon 18 June - Fri 3 August		
Medicine Long Case week	Mon 30 July	Rotation 4	Mon 9 July - Fri 17 August
Rotation 5	Mon 6 August - Fri 21 September		
Medicine Long Case week	Mon 17 September	Rotation 5	Mon 20 August - Fri 28 September
Rotation 6	Mon 24 September - Fri 9 November		
Medicine Long Case week	Mon 5 November	Rotation 6	Mon 1 October - Fri 9 November
Psych OSCE	Mon 12 November	Critical Care OSCE	Wed 14 November

# 2018: BEACCHES - Beginning Education At Central Coast Hospitals



## Development of BEACCHES

Many medical schools around the world run wilderness first responder training as part of experiential education. This is what inspired the Dean of the Central Coast Medical School (CCMS), Dr Amanda Dawson, to consider the development of such a training program for the local medical students, one that is designed specifically for the Central Coast environment.

## 2018 Launch of BEACCHES

As a result, the CCMS will be launching BEACCHES (Beginning Education at Central Coast Hospitals) in February 2018 – an initiative that has been developed in partnership with local surf life-saving organisations.

BEACCHES is a two-day intensive program that will be held from Monday 12th to Tuesday 13th February 2018 at the Ocean Beach Surf Life Saving Club.

## BEACCHES Program

BEACCHES will provide opportunities to learn about critical medical and evacuation decisions, and medical responses relevant to coastal or remote locations. Training and demonstrations will involve realistic scenarios with mock patients to challenge the students to integrate their learning.

Activities will include:

- ▶ Learning how to stay safe in the surf
- ▶ Practicing first aid skills as part of a First Aid Competition conducted by our local Surf Life Savers

- ▶ Meeting a reptile or two and learn about the production of life-saving antivenin of Australia's deadliest snakes and the funnel web spider
- ▶ Learning about the Central Coast Aboriginal Community, from Bronwyn Chambers, our UON Elder in Residence
- ▶ Learning about coastline and ocean sustainability with OCCI: Ocean & Coastal Care Initiative.
- ▶ Discovering ways to manage student workload and health
- ▶ Getting to know the UON/CCLHD support team in a relaxed and fun environment

BEACCHES will provide students with opportunities to connect with their peers, support team, supervisors and the Central Coast locality.

# 2019: The MD Comes to Gosford

In 2017 after a complete review of the BMed, the JMP introduced the new Doctor of Medicine or MD Program.

The program pathway consists of two programs undertaken sequentially: firstly the Bachelor of Medical Science, followed by the Doctor of Medicine.

In 2019, 30 students from year 3 of the new MD program will arrive at CCLHD to undertake clinical placements. This will be in addition to the 80 students from years 4 and 5 of the

BMed who will already be placed at Gosford, necessitating some forward planning to accommodate all the students.

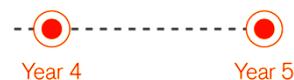
At this stage, the plan is to make more use of Wyong Hospital in order to spread the students out, whilst continuing to maintain the excellent clinical experience students have come to expect at the CCMS, and which has seen placements on the Central Coast consistently oversubscribed.

## The Bachelor of Medical Science is undertaken across Years 1-3



Credit is granted in the Doctor of Medicine based on studies completed in Year 3 of the Bachelor of Medical Science

## The Doctor of Medicine is completed in Years 4-5



The Bachelor of Medical Science and Doctor of Medicine are completed over five years of full-time study

# 2020: Opening of the new Medical School in the Health and Wellbeing Precinct

## New Central Coast Medical School

The Health and Wellbeing Precinct is a ground breaking new facility planned for Gosford Hospital. The Central Coast Medical School and the Medical Research Institute will deliver cutting-edge education and research facilities, and will be funded through a combined investment of \$72.5m from the Federal and NSW Governments, and the University of Newcastle.

## Cohort of 150 MD Students

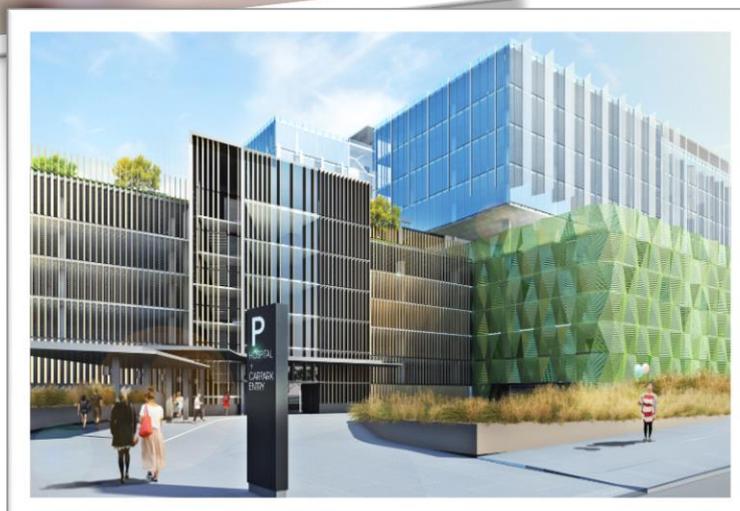
A key catalyst for the initiative has been the commitment by UON to allocate 30 of its existing medical places per year to the Medical School, which will result in an increase in student numbers from 80 currently to 150 students at the end of five years.

## Due for Completion in 2020

The new Medical School building is due for completion in 2020. In May this year, the Federal Government committed an additional \$12.5m of funding over five years to assist the UON in vital operational and transitional costs associated with establishing the new Medical School.



Above and below: artists' impressions of the planned Health and Wellbeing Precinct at Gosford Hospital.



# A Look Back in Time...

## 1978: Medical Education Links

CCLHD has had a medical education link with UON since the Faculty of Medicine commenced in 1978. Medical students from the five-year undergraduate Bachelor of Medicine have been undertaking clinical placements at facilities within CCLHD since 1982.

## 1994: Teaching Hospital Status

Gosford Hospital was made a full teaching hospital in 1994. It was at this time that Prof John Hamilton, Dean of the School of Medicine at UON appointed Dr Bob McGuinness, Head of the Department of Anaesthesia and Intensive Care, as Clinical Assistant Dean at the Central Coast.

## 2001: Memorandum of Understanding

In 2001 the link between the then Central Coast Health (CCH) and the Faculty of Medicine and Health Sciences was formalised with respect to medical education through a Memorandum of Understanding (MoU). This saw the opening of the TRU in Building 14 of Gosford Hospital, under the leadership of Prof John Boulton. The MoU was renegotiated in 2002 between the new Faculty of Health and CCH to incorporate Allied Health and Nursing within the TRU; and updated again in 2010.

## 2008: Joint Medical Program

In 2008, the University of Newcastle and the University of New England, in partnership with the Hunter New England and Northern Sydney Central Coast Area Health Services, established the Joint Medical Program (JMP). This was Australia's first jointly run medical program, and was set up to address the chronic health workforce shortages that exist in remote, rural and regional communities.

## Contribution to CCLHD Education Facilities

Over the years, the TRU has made a significant contribution to the educational facilities of CCLHD. Grant submissions initiated by A/Prof Martin Veysey and written with TRU staff, have brought in millions of dollars' worth of Government funding for building works, refurbishment and equipment, including:

- ▶ \$4.5 million from the Federal Government to build the Integrated Education Centre at Wyong Hospital – opened in 2012.
- ▶ Capital grant from Health Workforce Australia (HWA) for refurbishment of the Harry Mattocks Building to establish a Simulation Centre/ medical student teaching facility at Gosford Hospital – opened in 2014.
- ▶ More than \$1.3 million funding from HWA towards the Simulation Centre's operation in a State and Federal Government partnership, including staffing and state of the art simulation equipment (subsequently moved into the hospital as part of the redevelopment).

## 2017: The old TRU Bites the Dust

In February 2017, the TRU was moved into the Gosford Hospital Library in the Health Services Building. Its original location in Building 14 was subsequently demolished as part of the redevelopment of Gosford Hospital. This is expected to be an interim move, prior to the planned construction of the new Medical School in the Health and Wellbeing Precinct, where the TRU is planned to move in 2020.

Staff gather to witness demolition of Building 14, as part of the \$348 million redevelopment of Gosford Hospital.



The relocated Central Coast Simulation Centre on Level 2 of Gosford Hospital, with state of the art simulation equipment.



# Contacts

The Teaching and Research Unit consists of academic and professional staff from UON, as well as clinical and administrative staff from CCLHD:

## Gosford

**Deidre Abel**

Student coordinator (UON)  
Ph: 4320 3510

**Wendy Campbell**

Student coordinator (UON)  
Ph: 4320 3510

**Michael David, PhD**

Biostatistician (UON)  
Ph: 0417 148 212

**Dr Amanda Dawson**

Dean, Central Coast Medical School (UON)  
Staff Specialist: General Surgeon (CCLHD)  
Ph: 4320 5572

**Carol Hood**

Exam coordinator/Admin (UON)  
Ph: 4320 2789

**Louise Lambeth**

Research coordinator (UON)  
Ph: 4320 3921

**Robyn Neale**

Clinical Secretary (CCLHD)  
Ph: 4320 2678

**Lisa Waller**

Clinical Secretary (CCLHD)  
Ph: 4320 5572



Images from the distinctive wave mural that marked the entrance to the old TRU in Building 14, now demolished.

## Wyong

**Alastair Campbell**

Manager, Education Centre (UON)  
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## Central Coast Medical School

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