

# NSW Health Pathology Meet & Greet 2023

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# Acknowledgement of country

I begin today by acknowledging the traditional custodians of the land on which we meet today, the Darug people.

I pay my respects to their Elders past and present and to Aboriginal and Torres Strait Islander peoples here today



Health  
Pathology



# Agenda for today



## Introduction

Michael Whiley, Chief Pathologist & Director of Medical Services;  
Lisa Parker, AP training coordinator



## RMO rotations in pathology

Uasim Harkus, Concord Hospital



## Pathology as a career

Tim Fielder, senior pathology registrar, Concord Hospital



## Pathology training FAQs

Kathy Robinson, RCPA education advisor



## NSW training facility information

All NSW laboratories with training positions in Anatomical Pathology



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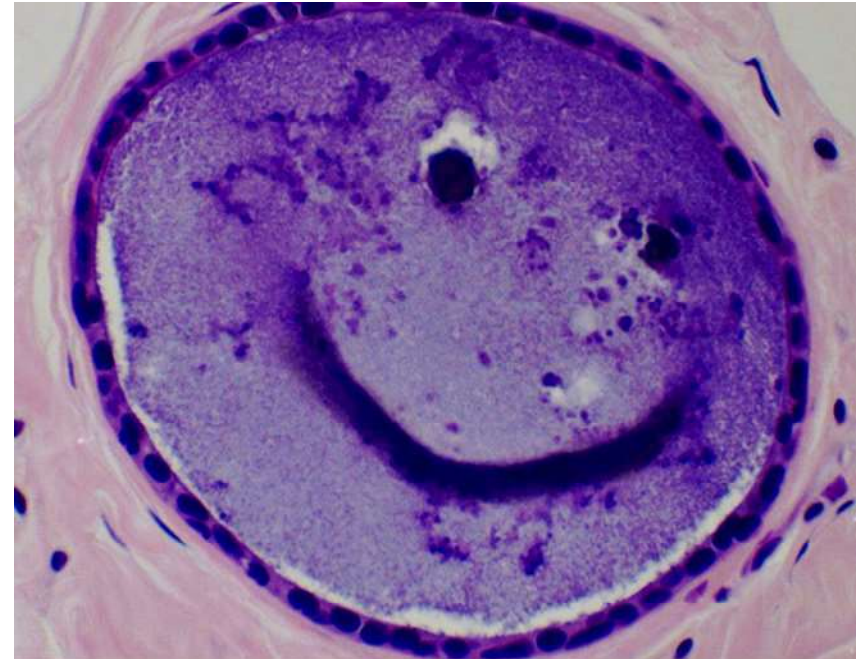


for all of  
**us**

# Introduction to Anatomical Pathology training in NSW

- 5 year training program
- Training positions throughout Sydney & regional NSW
- Centralised recruitment in NSW, apply through usual NSW Health JMO adverts in July-August
  - Strong candidates with genuine interest in Anatomical Pathology have a good chance of getting on the program
- (exams and whatnot)
- Excellent job prospects for consultant pathologists




**GREAT WORK LIFE BALANCE !**



# Contracts and rotations

- Successful new applicants are offered a one year contract
- Overseas trained specialist pathologists applying for accelerated training programs are typically offered a one year contract
- Continuing registrars are typically offered multi-year contracts
- Those on multi-year contracts can apply for 6-month rotations to other training labs including sub-specialty facilities
- NB - vacancies may come up through the year; check **RCPA** and/or **NSW Health Pathology** webpages for job ads or contact me



 Home >  Careers >  Career Opportunities

# Anatomical Pathology Training Program

Australia's most comprehensive training program for anatomical pathologists.

NSW Health Pathology is committed to attracting, training and retaining the next generation of anatomical pathologists (APs).

The NSW Anatomical Pathology Training Program employs the most AP trainee medical officers in Australia.

We partner with the Royal College of Pathologists of Australasia, other NSW Health agencies and private pathology providers to give our trainees access to high quality training across a range of facilities and services.



<https://pathology.health.nsw.gov.au/careers/career-opportunities/training-programs/anatomical-pathology-training-program>



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# Medical workforce team NSW Health Pathology



**Michael Whiley**  
Chief Pathologist  
“The boss”



**Lisa Parker**  
Anatomical Pathology  
Training Coordinator  
(me)



**Sam Veasey**  
Medical workforce team  
“The one who knows all the important stuff”



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Lisa Parker, AP training coordinator



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# NSW Health Pathology Meet & Greet 2023

## Training facility presentations

<b>Date:</b>	Friday 23 June 2023	<b>Time:</b>	3 – 5.30 pm
<b>Meeting Details</b>	<b>Westmead Education and Conference Centre</b> Level 1, Cabaret Room, Education Block, Westmead Hospital (use Main Entrance/Entrance 4) Cnr Hawkesbury Rd & Darcy Rd, Westmead, NSW 2145		
<b>Session 1: Welcome &amp; Intro to Anatomical Pathology</b>		<b>3:00 pm – 3:30 pm</b>	
	<b>Introduction to AP training in NSW; Apply for contracts / rotations / transfers</b>		
3.00-3.10	Dr Michael Whiley, Chief Pathologist, NSW Health Pathology		
	Dr Lisa Parker, Anatomical Pathology Training Coordinator, NSW Health Pathology		
	Sam Veasey & Maria Vassili, Medical Workforce Team, NSW Health Pathology		
3.10-3.15	<b>Resident Medical Officer Rotations</b>		
	Dr Uasim Harkus, Anatomical Pathology Resident Medical Officer, Prince of Wales Hospital		
3.15-3.20	<b>Pathology as a Career</b>		
	Dr Tim Fielder, Anatomical Pathology Trainee, NSWHP – Royal Prince Alfred		
3.20-3.30	<b>RCPA FAQs</b>		
	Dr Kathy Robinson, Education Advisor, Royal College of Pathologists of Australasia		
<b>Session 2: Training facility presentations (5 min each)</b>		<b>3:30 – 5.15 pm</b>	
1.	Royal Prince Alfred	Dr Rob Rawson	
2.	Neuropath	Dr Laveniya Satgunaseelan	
3.	Coffs Harbour	Dr Richard Tustin	
4.	Gosford	Dr Kenneth Tang	
5.	Wollongong	Dr Rinky Langan	
6.	Orange	Drs Sewon Kim & Qian-Ao Chen	
7.	St George	Dr Shelley Lin	
8.	Nepean	Dr Charlotte Cachia	
9.	Children's Hospital Westmead	Drs Michael Krivanek & Joanne Tr	
10.	Australian Clinical Labs	Dr Srilakshmi Chennapragada	
11.	John Hunter	Dr Victoria Yachmenikova	
12.	Concord	Dr Uasim Harkus	
13.	Royal North Shore	Dr Jeanie Chui	
14.	Prince of Wales	Drs Trent Davidson & Dan Nugyer	
15.	Tamworth	Dr Anna Creelman	
16.	Liverpool	Dr Bruce Chau	
17.	St Vincent's Hospital	Dr Alexander Van Laar Veth	
18.	Douglass Hanly Moir Pathology	Dr Melanie Edwards	
19.	Westmead	Dr Stefi	
20.	Wagga Wagga	Dr Jeff Donlon	
<b>Session 3: Q&amp;A, wrap-up and yummy finger food!</b>		<b>5.15 pm – 5:30 pm</b>	



Royal Prince Alfred Hospital  
Dept of Tissue Pathology and  
Diagnostic Oncology  
Camperdown, NSW

Dr Robert Rawson – Trainee Supervisor 2023



# RPA - Scope of training

- 19 Pathologists (~15 FTE), 9.0 registrar positions
- >30000 histology specimens, 7000 cytology cases, 1600 molecular
- Diverse specimen mix: renal, liver, IF, FISH, general
- Teaching program
  - General reporting – assigned to individual pathologist every term, post part 2 can sign out
  - Protected teaching time 8-9am every morning, some lunch time sessions.
  - Formal practice exams, weekly scientific meetings, PASS
- Subspecialty rotations and fellowships
  - Molecular and dermatopathology terms
  - Close links with neuropathology team
  - Fellowships: Dermatopathology, head and neck



## RPA- What else??

- Fantastic research opportunities, encouraged to get involved in national and international meetings
- The people, good working environment
- Sydney University and Newtown
- Good eating and drinking
- On site gym in the hospital
- Wonderful trainee supervisor



Royal Prince  
Alfred Hospital



Health  
Sydney  
Local Health District

# Neuropathology

**Dr Laveniya Satgunaseelan**

Department of Neuropathology,

Royal Prince Alfred Hospital

&

Brain and Mind Centre, University of Sydney

*Head of department / registrar supervisor:*

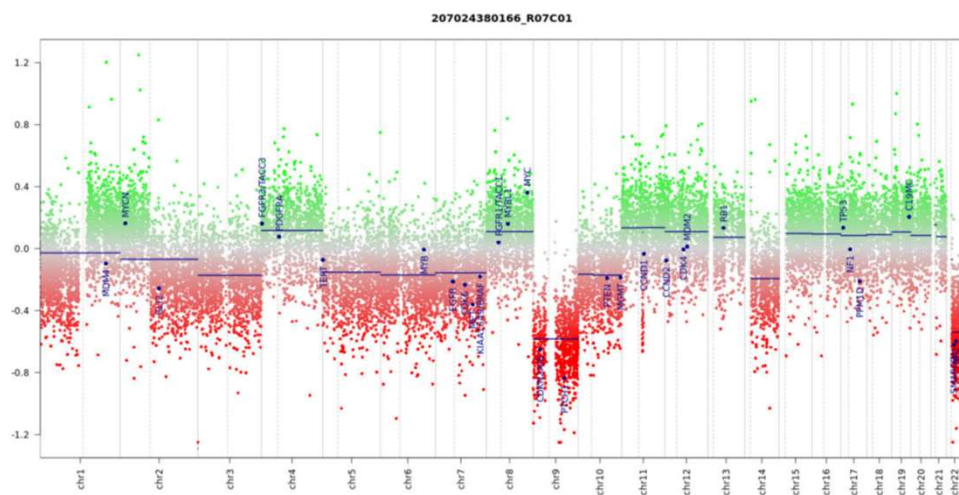
A/Prof. Michael Buckland

# Neuropathology at Royal Prince Alfred Hospital

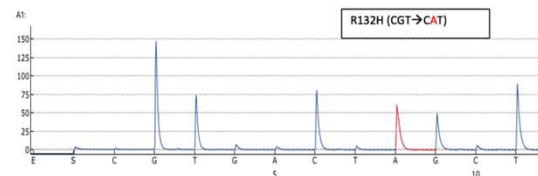
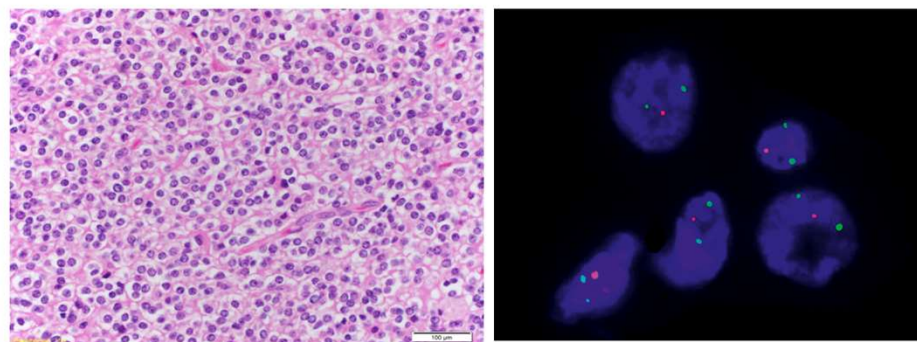
- 6 month or 12 month rotations
- For post part 1 registrars
- Surgical pathology, forensic brain pathology, molecular diagnostics and muscle biopsy pathology
- Attend tutorials at RPA

# Benefits of the neuropathology rotation

- Reporting time +++
- Consult cases → i.e. lots of rare tumours / difficult cases
- Understand the “integrated diagnosis” of brain tumours
- Enhance future job prospects



Oligodendroglioma, IDH-mutant, WHO(2016) grade II

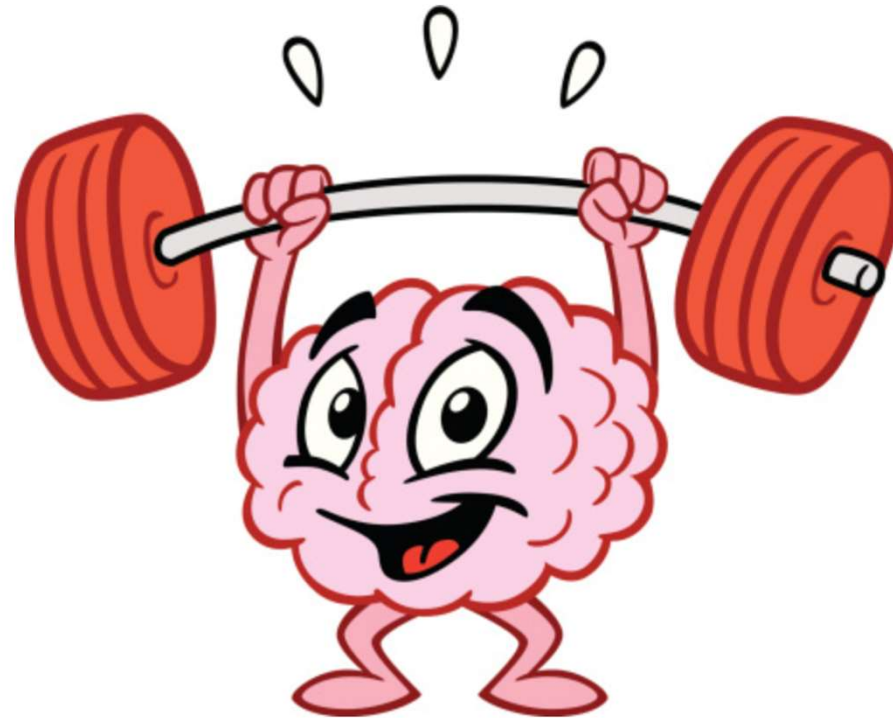


# Skills required

- **Willingness to learn new skills**
  - E.g. muscle biopsies, forensic neuropathology
- **Organisational skills**
  - Ordering molecular testing and following up with the integrated diagnosis
- **Communication skills** –
  - 3 neuropathologists: 1 registrar
  - Autopsy staff, molecular staff, muscle lab staff
- **Initiative**
  - Be able to triage surgical cases and order immunohistochemical stains
  - Know when to ask for help



Come train with us in 2024!



Contact us for more information:

[laveniya.satgunaseelan@health.nsw.gov.au](mailto:laveniya.satgunaseelan@health.nsw.gov.au)

[michael.buckland@health.nsw.gov.au](mailto:michael.buckland@health.nsw.gov.au)

# Coffs Harbour Department of Anatomical Pathology



Dr Richard Tustin

Local Pathology Director & Clinical Director



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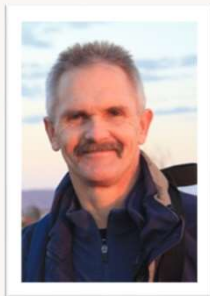
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Art by [unreadable]

# Mid-North Coast Department of Anatomical Pathology

- Clinical Director: Dr Richard Tustin, FRCPA
- Reporting pathologists – extensive experience locally:
  - Dr Tony Dill FRCPA
  - Dr Antony Kaufman FRCPA
  - Dr Renukadas Sakalkale FRCPA
  - Dr Niroshana Wijyaratne FRCPA

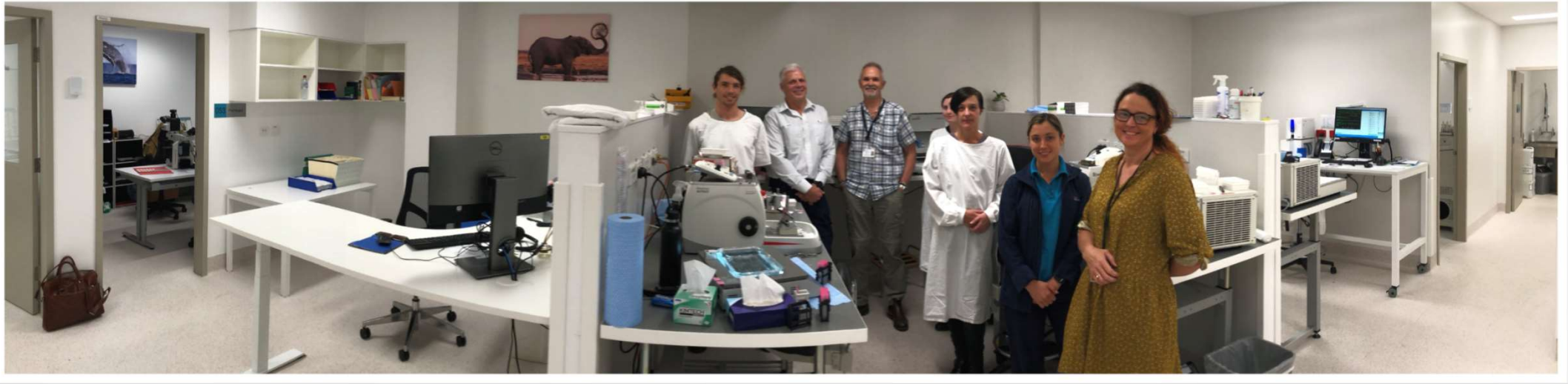


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# Facilities

- New dedicated AP laboratory and office suite opened in November 2022 – increased capacity, future proofing
- 3 State of the art dissection tables – automated with inbuilt camera for macrophotography
- Ventana Benchmark IHC with additional machine in planning stages
- Good range of antibodies suitable for regional laboratory (12 hrs TAT) with more esoteric antibodies available in JH with 48hr TAT



# Regional Area

- Service Mid-North Coast: Taree, Port Macquarie, Kempsey and Coffs Harbour [Lismore and Grafton in future]
- App 16000 cases per year – mixed private and public
- Breast screen biopsies Mid-North and North Coast: Port Macquarie to Tweed [max 48 hr TAT]
- Multi-Disciplinary Meetings: Breast Oncology , GIT Oncology, Skin Oncology and Breast Screen biopsies
- Second Opinions: All new cancer diagnoses reviewed by second pathologist, experts available in metropolitan laboratories in Newcastle , Sydney
- TATS for urgent biopsies < 24 hrs including IHC and complex cases < 72 hrs in majority of cases
- Excellent relationships with surgeons and oncologists
- Private referrals a large percentage of work: breast, urology, GIT, private radiology, dermatopathology



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# Registrar Training

- Two registrar training positions - accredited by RCPA
- Aim to encourage pathologists to stay in the area post training (2 years in Coffs harbour with rotation through tertiary laboratories in Newcastle and Sydney)
- Experienced supervisors in Coffs Harbour
- Encourage reporting under supervision early in career
- Cut-up hours limited to under 20 hours per week (RCPA recommendation)
- Scientists and TOs already trained and competent in non-complex and complex cut up procedures
- Emphasis on community service



# Coffs Harbour Living

- Population: 78,759 (2021 census) – excl. PM, Taree, Kempsey
- Direct flights to Sydney, Brisbane, Melbourne and Canberra
- NSW 1st Eco Destination
- Excellent schools and facilities with great lifestyle
- Musical conservatorium, Bellingen festivals, Food Markets
- Bonville golf resort, surfing, hiking (coastal and bush), kayaking, MTB, skydiving
- Great Dividing range / Dorrigo National Park



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# Gosford

A tropical beach scene with two white Adirondack chairs on the sand, overlooking turquoise water and a blue sky with white clouds. The chairs are positioned in the foreground, facing the ocean. The water is a vibrant turquoise color, and the sky is a deep blue with scattered white clouds. In the background, there are dark, forested hills or islands.

Dr Kenneth Tang

# Gosford





# Gosford



74.5KM FROM SYDNEY



65.6KM FROM CHATSWOOD  
(60 MINUTES BY CAR)

# Gosford



PUBLIC TRANSPORT



90 MINUTES BY TRAIN FROM  
CHATSWOOD STATION  
INCLUDING WALK TO HOSPITAL

# Gosford

NSW Health Pathology

Gosford Hospital and Wyong  
Public Hospital

11000 histopathology  
specimens/year

2000 cytopathology  
specimens/year

# Gosford

2 registrars

5 staff specialists

10 laboratory scientists

2 secretaries









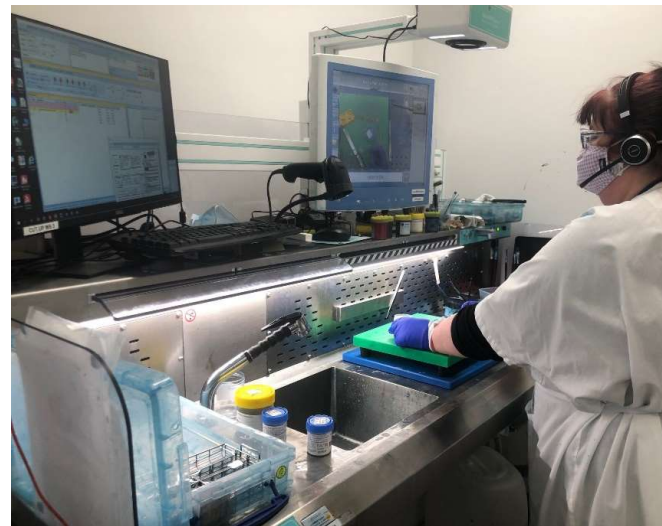
# QUESTION TIME





# Wollongong Hospital / Southern Pathology

Dr Rinky Langan



# The details:

- Joint position shared between public hospital (Wollongong Hospital; tertiary referral and teaching hospital) and private lab (Southern Pathology, Sonic Healthcare) in Wollongong
- Unique opportunity (comprehensive range of casemix from public and private labs)
- 5 registrars and 1 resident over 2 locations
- 65 000 histology cases / year in total
- Cytology 6500 cases / year
- 25 MDTs/ month
- Connection with UOW Medical School, (teaching and research opportunities)

# The selling points:

- Wollongong is a great place to live!
- 5 registrars (and an RMO) – big enough but not too big.
- Currently 2 of the positions have 6 month rotations to DHM and StGeorge Hospital
- Cut up is not onerous
- 3 teaching session rostered / week
- Subscription to Elsevier, great book library
- Everything is covered except specialised transplant biopsies, renal biopsies and EM. Exposure to forensics is also possible
- Involvement in reporting, Frozen Sections, lectures, QAP and MDTs is expected but tailored to level of training
- The private and public labs have a different casemix and will prepare you for life in the real world (wherever that is)



# ORANGE LABORATORY

- ~ 8000 -10,000 AP cases per year
- ~ 100-300 blocks are cut per day
- Wide range of specimens including GI, urology, skin, gynae, lung biopsies
- No neuropathology or medical renal biopsies. Limited frozen sections
  
- Opportunity to attend EBUS and FNA with rapid cytological assessment
- Regular MDTs (Urology, Lung, GI, Breast, Gynae)
- Staff include 2 registrars, 4.2 FTE AP specialists, technical staff and scientists
- Comprehensive library for all required references.



# HIGHLIGHTS FOR REGISTRARS

- Frequent multiheader sessions with all pathologists
- At least weekly registrar teaching sessions
- Numerous teaching slides
- Participation in external QAP with other pathologists
- Outstanding record of performance in BPS exam
- Registrar room shared with haematologist – scope for reviewing bone marrow morphology and trephines





# ADMINISTRATIVE DETAILS

- Quality accommodation provided
- Financial assistance to attend conferences, courses
- Registrars attend online teaching sessions, participate in registrar slide exchange
- Registrars rotate from RNSH and Westmead as arranged
  
- Orange is only 3.5 hours drive from Sydney, 5 hours bus/train.
- Direct flights from Orange to Sydney, Brisbane and Melbourne

# St George Hospital Anatomical Pathology

- ▶ Public hospital in South Eastern Sydney LHD
- ▶ Also services:
  - ▶ Sutherland Hospital
  - ▶ St George Private
  - ▶ Hurstville Private
  - ▶ Kareena Private
  
- ▶ Training supervisor: Dr Kim Tran ([Kim.Tran2@health.nsw.gov.au](mailto:Kim.Tran2@health.nsw.gov.au))
- ▶ Head of department: Dr Con Theocharous ([Con.Theocharous@health.nsw.gov.au](mailto:Con.Theocharous@health.nsw.gov.au))
- ▶ Registrar: Shelley Lin ([Shelley.lin@health.nsw.gov.au](mailto:Shelley.lin@health.nsw.gov.au))



# Training at St George

- ▶ 4 registrars
  - ▶ 1 shared job with Wollongong
- ▶ 300-500 blocks per day
  - ▶ Small Cut
    - ▶ Also covers fresh tissue triage
  - ▶ Big Cut
    - ▶ All systems
    - ▶ Peritonectomy Centre
  - ▶ Frozen Sections
    - ▶ In conjunction with a reporting day
- ▶ Tutorials
  - ▶ Cytology
  - ▶ Tutorials with pathologists
  - ▶ Interesting cases sessions/Journal clubs
  - ▶ QAP



# Training at St George

- ▶ On average, 2-3 days per week reporting
  - ▶ Allocated to a Pathologist
    - ▶ “Frozen Registrar” with the frozen Pathologist for reporting and F/S
  - ▶ Lots of double heading!
  - ▶ All systems
    - ▶ Including medical renal and liver
    - ▶ Neuropathology
- ▶ Presenting at MDTs
  - ▶ Head and Neck, Colorectal, TSH Urology
- ▶ Attending/Performing FNAs
- ▶ UNSW Medical Student Teaching





# NEPEAN HOSPITAL – 2024!

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Presenter: Dr Charlotte Cachia – 1<sup>st</sup> Year Anatomical Pathology registrar



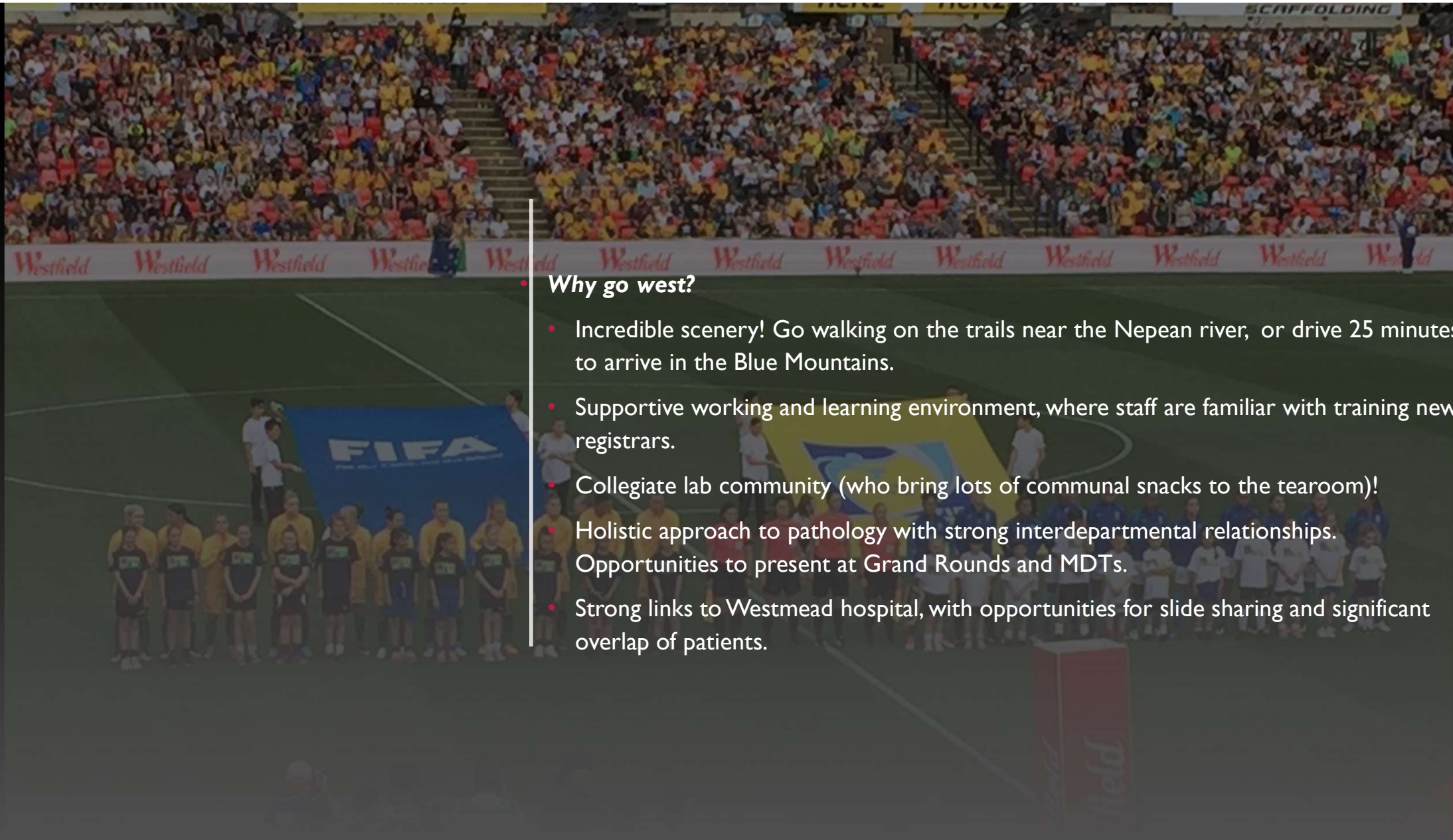
- **Who we are:**

- Category GX pathology laboratory servicing a medium sized teaching hospital with 600+ beds.
- One of the fastest growing public hospitals in NSW.
- Currently a 1 billion-dollar two stage development is underway at the Nepean Hospital Campus that will grow the site to 900+ beds over Stage 1 (5 years) and Stage 2 (5-10 years)

- 8 pathologists, including head and neck specialist.
- 2 registrars.
- 2x experienced scientific officers to help you learn cut up.
- Technical staff (10-12) and cytology staff (3)
- Moving into new lab in August 2023!

- **What we do:**

- 14,000+ histopathology accessions per year (300-400 blocks per day)
- 1,500+ non-gynae cyto accessions per year
- Large volume of uropathology and obstetric cases.



### • **Why go west?**

- Incredible scenery! Go walking on the trails near the Nepean river, or drive 25 minutes to arrive in the Blue Mountains.
- Supportive working and learning environment, where staff are familiar with training new registrars.
- Collegiate lab community (who bring lots of communal snacks to the tearoom)!
- Holistic approach to pathology with strong interdepartmental relationships. Opportunities to present at Grand Rounds and MDTs.
- Strong links to Westmead hospital, with opportunities for slide sharing and significant overlap of patients.

# The Children's Hospital at Westmead

Trainee Supervisor: Dr. Michael Krivanek. [michael.krivanek@health.nsw.gov.au](mailto:michael.krivanek@health.nsw.gov.au) Ph: 9845-3311

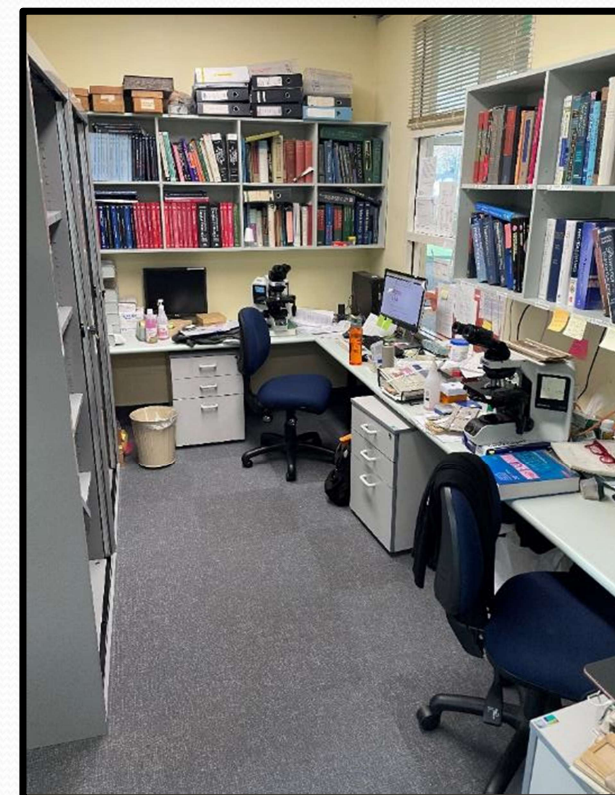
Head of Department: Dr. Nicole Graf. [nicole.graf@health.nsw.gov.au](mailto:nicole.graf@health.nsw.gov.au) Ph: 9845-3311





# Paediatrics/CHW as part of your AP training program

- **Subspecialty rotation (by age, not by system)**
- **Significant overlap with specimens/pathology seen in other departments**
  - Paediatric specimens & conditions frequently seen in general pathology workloads (and exams)
  - Many conditions more common in adults still occur in paed
  - The rotation will not feel foreign / unfamiliar, but you will encounter new things.
- **Complement and expand** on the more general/adult experience received at other labs
  - Post-part 1 candidates generally find the most benefit, but pre-part 1 also still quite useful.
  - No difference in the registrar pass rate for exams
  - Not ideal for a 1<sup>st</sup> year registrar (full value of term not realised)
- Can be a **pathway/first step** to a paediatric and/or perinatal career focus
- **2 FTE registrar positions** available each year; (some of you will just have to miss out)
  - As four 6-monthly rotations
  - Accredited for up to 12 months training – option



Trainee Supervisor: Dr. Michael Krivanek.

Head of Department: Dr. Nicole Graf.

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[nicole.graf@health.nsw.gov.au](mailto:nicole.graf@health.nsw.gov.au)

Ph: 9845-3311

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# Scope of training on offer at CHW

- 4 pathologists (3.2 FTE), 2 registrars
- **Surgical pathology:** ~3500/yr.
  - You won't be swamped by cut-up
  - Time for daily reporting / double-heading / feedback.
- **Perinatal pathology:**
  - Fetal autopsies/placenta. We assume you have no experience. You will be taught, not dumped in this.
  - Department ~300/yr
  - Registrars ~30-35 per term.
- Exposure to CHW **Cyto/molecular genetics** (FISH, microarray, RNASeq)
- **Research/Tumour bank**
- **Consultation service:** Interesting cases referred for review.
- **Opportunities for PPD: Presentations, case reports, research, MDT's, grand rounds:**
- Cytology: ~200/yr



Trainee Supervisor: Dr. Michael Krivanek.

Head of Department: Dr. Nicole Graf.

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# Scope of training on offer at CHW

- Wide range of paediatric and general surgical pathology:
  - **General** pathology, GIT, soft tissue, some skin, native liver and kidney Bx.
  - **Transplant** pathology – liver & kidney esp. Also cardiac, lung, intestinal.
  - Broad spectrum of paed. **tumours** / frozens, incl. soft tissue, brain, embryonal, etc.
  - **Placental** pathology – lots of pathology “target rich environment”
  - Close links to extensive **cyto/molecular genetics** dept, tumour bank/research.
  - **Immunofluorescence** (skin, renal).
  - **Hirschsprung’s** interpretation
  - Epilepsy resections



Trainee Supervisor: Dr. Michael Krivanek.

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[nicole.graf@health.nsw.gov.au](mailto:nicole.graf@health.nsw.gov.au)

Ph: 9845-3311

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# Why CHW?

- A subspecialty (by age), but wide range of tissues/systems.
  - Teaching: Small department. Lots of one-on-one - at cut-up bench and microscope. Departmental tutorials. Westmead tuts.
  - Extensive support with autopsy work.
  - Great small department - very friendly & approachable (open door).
  - Easy access, central location, easy public transport train/bus, car.
  - New lab
  - Westmead precinct (major links - adult hospital, research institutes, amenities)
  - Transport ideal (central location, buses, train, light rail, T-way)
- Useful / great experience for all trainees.
  - Not only for those with an interest in paediatrics/perinatal



Trainee Supervisor: Dr. Michael Krivanek.

[michael.krivanek@health.nsw.gov.au](mailto:michael.krivanek@health.nsw.gov.au)

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Head of Department: Dr. Nicole Graf.

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Ph: 9845-3311

ACL - ANATOMICAL PATHOLOGY

Srilakshmi Chennapragada MD FRCPA

Consultant Anatomical Pathologist

ACL, Bella Vista

# WHY choose ACL



- Australian Clinical Labs is one of the largest private clinical labs in operation in NSW and Victoria
- Both stand-alone labs as well as hospital-based service: Norwest Hospital and Northern Beaches hospital
- Wide exposure to private as well as public hospital pathology
- Variety of cases: Because of both multiple attachments and referral patterns, wide range of pathology can be encountered
  - E.g. skin specimens, outpatient biopsies, cytology studies, Surgical resections – bowel, breast, prostate, specimens etc

CASE LOAD:

- Histology Cases- 75000/Annum
- CYTOLOGY (NON GYNAE)- 7000/Annum
- **10** Consultants (8 Fte)
- **4** Registrars (3 ACL, 1 Rotating With Concord)
- NORTHERN BEACES HOSPITAL, NORWEST PRIVATE HOSPITAL AND OUTPATIENT ROOMS/GPs



## CUT UP

- 1 registrar on cutup daily and finishes by 3-4pm usually.
- 1 back up registrar.
- Technical officer – do all the skins, guts and POCs.





## CASE TYPES:

- Good Experience to learn from a variety Of Cases
- Dermatopathology
- GIT – Gut Biopsies And Resection Specimens
- Breast- Cores, WLE And Mastectomies
- Gynae

## REPORTING

- Aim for 50 % reporting time in a week.
- Regular teaching sessions-  
MULTIHEADER AND ONE ON ONE.
- Regular MDTs to prepare and attend: GIT, LUNG AND BREAST.
- Library with all updated books.
- Slides collection boxes .
- Cytology collection slides.



# WHY choose ACL



- Public hospital and private lab/hospital exposure
- Experienced Staff
  - Lab scientists
  - Consultants
    - Small group
    - very interested in teaching/academics
    - Wide ranging individual areas of interest
    - Approachable and friendly
- Regular teaching program – tutes/cut up supervision/slide reporting etc

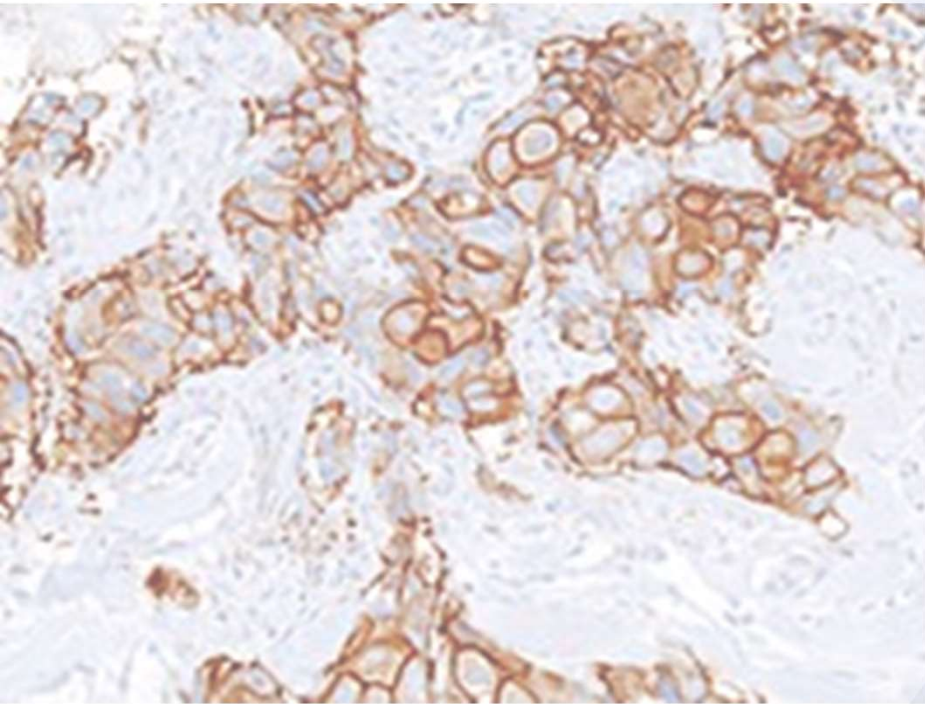
# WHY choose ACL

- Easy access for commute
  - close to M2/M7
  - nearby metro station
- Plenty of parking
- Buzzing - but not over crowded - surroundings
- plenty of eateries/coffee shops etc 😊



# Summary

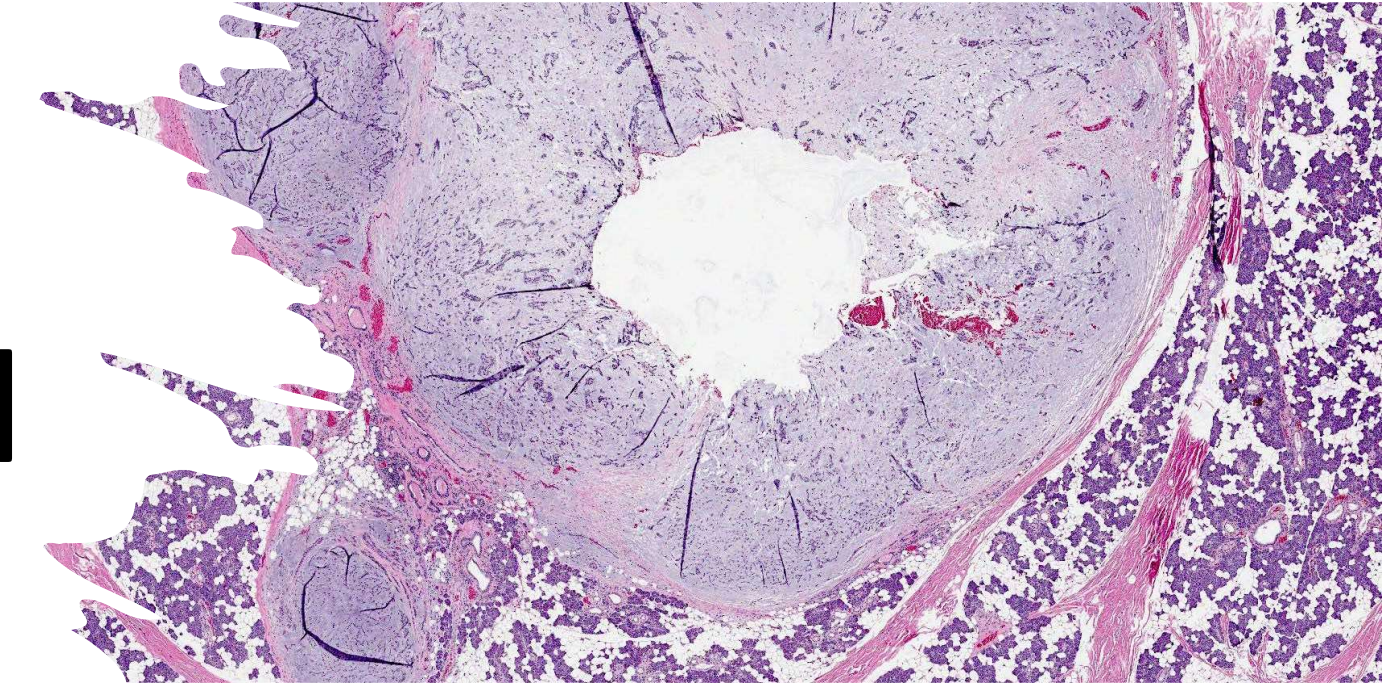
- If you are interested in how disease processes affect normal tissues, and possess problem solving skills AP could be a good career for you
- AP is a good career choice in terms of lifestyle and remuneration
- ACL is a great place to train
  - unique combo of public and private hospital referrals
  - Wide range of pathologies
  - Dedicated group of consultants/supervisors/staff to work with
  - Accessible location

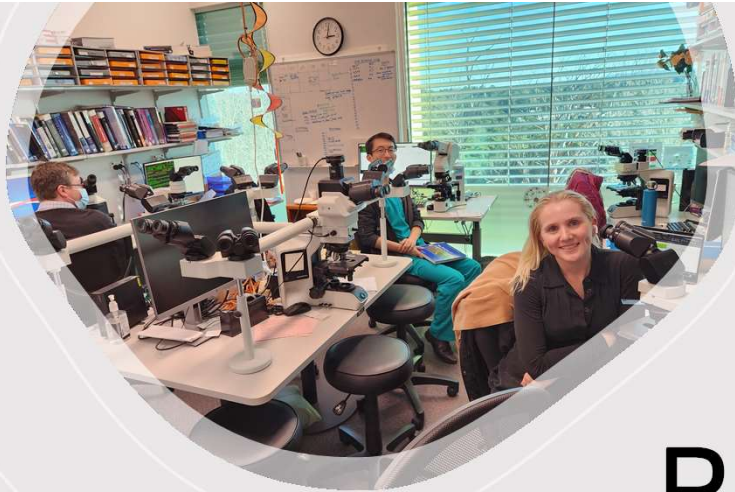


Any  
questions???

# AP AT JHH

Dr Victoria Yachmenikova  
Anatomical Pathologist  
Supervisor of training



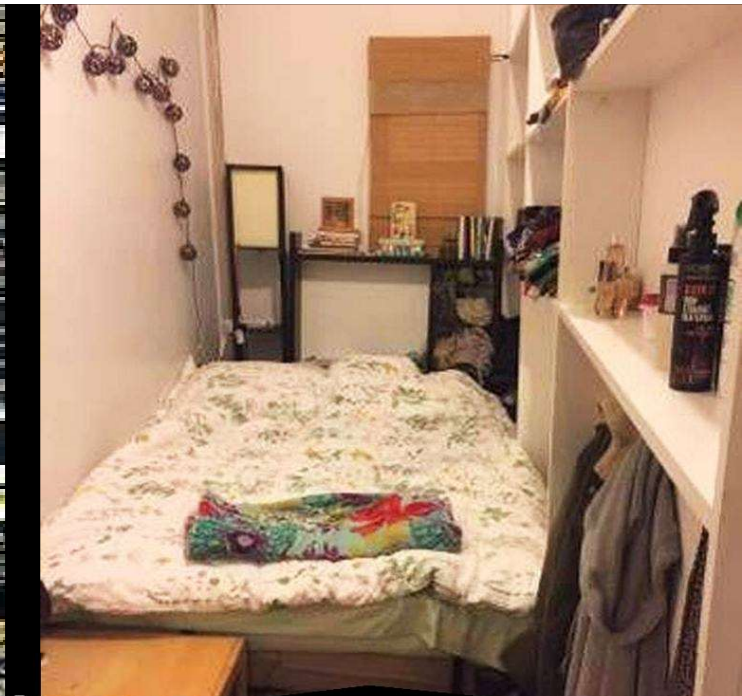


# PROS

- ✓ ANATOMICAL PATHOLOGY
- ✓ JHH
- ✓ NEWCASTLE
- ✓ WORK-LIFE BALANCE







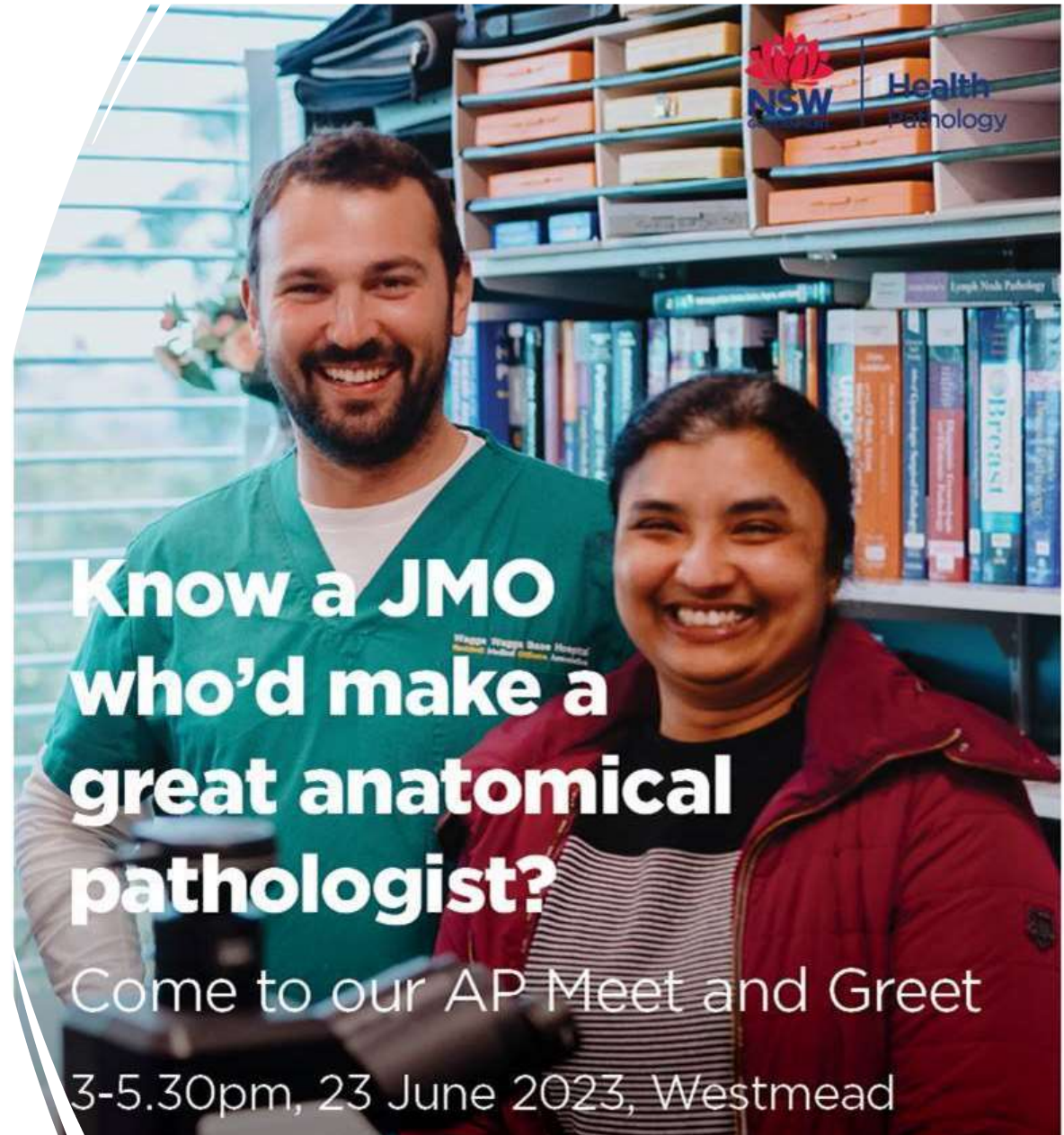
## CONS

X POLLUTION

X HEAPS OF TRAFFIC

X EXPENSIVE CRAMPED HOUSING

- 
- [victoria.yachmenikova@health.nsw.gov.au](mailto:victoria.yachmenikova@health.nsw.gov.au)



# Concord Repatriation General Hospital

Uasim Harkus  
AP registrar year 1  
Presentation acknowledgement to  
Dr. Mrudula Krishnaswamy and  
Dr. Sapna Balgobind



Health  
Pathology

# ANATOMICAL PATHOLOGY



## 7 Staff specialists (5 FT, 2 PT)

- HOD: A/Prof Charles Chan
- Supervisor of Training: Dr Mrudula Krishnaswamy

## 5 Registrars (including one rotating to ACL)

### General and subspecialty cases

- Exception of substantial bone and paediatrics
- Limited gynae and soft tissue
- Rotations

~15000 histology specimens

~1000 cytology specimens

~1800 electron microscopy

~150 fluorescence in-situ hybridisation

# TEACHING



Weekly teaching sessions from staff specialists

Cytology tutorials by senior cytology scientists

Specialty work: Electron microscopy and fluorescence in-situ hybridization

Grand round pathology presentation - yearly

Opportunity to teach medical students

- Medical student attachment, radiology-pathology correlation meetings
- Participate in Concord Clinical School pathology tutorials
- Yearly Concord Course

# SUPPORT AND RESOURCES



Paid to attend two courses/conferences per year

Extensive opportunities to complete PPD portfolio  
(posters, research papers, teaching sessions, molecular  
component etc.)

Mock exams and feedback

Learning plans and regular review



THANK YOU!



Registrar training supervisor: Dr Jeanie Chui



# Tertiary referral centre

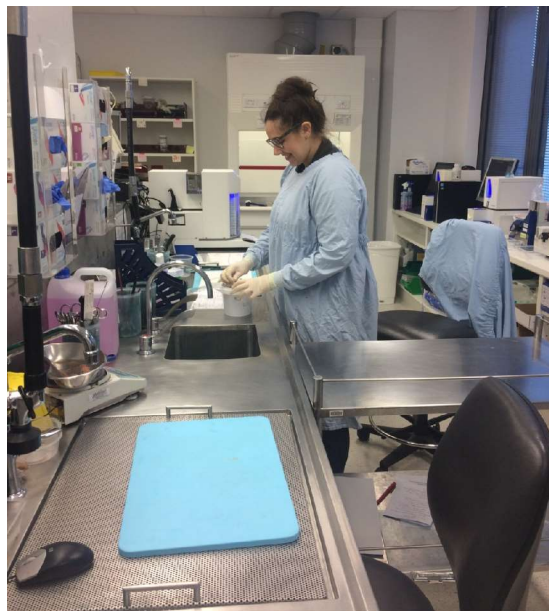
## Exposure to most specialities

- Gastroenterology
- Gynaecology
- Breast
- Respiratory/Thoracic
- Endocrine
- Haematology
- Head & Neck
- Neurology
- Urology
- Skin
- Medical renal (includes transplants)
- MSK & Soft tissue

## Case numbers:

- 30845 surgical pathology cases
- 558 frozen sections
- 7516 cytology specimens
- 260 renal biopsies
- 34 muscle biopsies

6 Registrars +  
17 pathologists (12 FTE)



Protected reporting time



**NO** on-call and **NO** weekend cutup.  
Generally 2-3 cut days per week  
Senior reg case sign out, including medical renal biopsies.



# Teaching & Research opportunities

Affiliated with University of Sydney and the Kolling institute



## ORIGINAL ARTICLES

### Assessment of Tumor-infiltrating Lymphocytes Using International TILs Working Group (ITWG) System Is a Strong Predictor of Overall Survival in Colorectal Carcinoma

A Study of 1034 Patients

Fuchs, Talia L. MD<sup>1,2</sup>; Sioson, Loretta BSc<sup>3</sup>; Sheen, Amy BSc<sup>4</sup>; Jafari-Nejad, Kambin MD, FRCPA<sup>5</sup>; Renaud, Christopher J. MBBS<sup>1,2</sup>; Andrici, Juliana MBBS, PhD<sup>6</sup>; Ahadi, Mahsa MD, FRCPA<sup>1,2,3</sup>; Chou, Angela PhD, FRCPA<sup>1,2</sup>; Gill, Anthony J. MD, FRCPA<sup>1,2</sup> [Author Information](#)

The American Journal of Surgical Pathology: April 2020 - Volume 44 - Issue 4 - p 536-544  
doi: 10.1097/PAS.0000000000001409

Outline

Images

Download

Cite

ORIGINAL ARTICLE

OPEN

## A Proposed Grading Scheme for Medullary Thyroid Carcinoma Based on Proliferative Activity (Ki-67 and Mitotic Count) and Coagulative Necrosis

Talia L. Fuchs, MD,<sup>1,2,3</sup> Anthony J. Nassour, MBBS,<sup>4</sup> Anthony Glover, PhD, FRACS,<sup>5,6</sup> Mark S. Sywak, MMedSci FRACS,<sup>7,8</sup> Stan B. Sidhu, PhD, FRACS,<sup>9,10</sup> Leigh W. Delbridge, MD, FRACS,<sup>11,12</sup> Roderick J. Clifton-Bligh, PhD, FRACP,<sup>13</sup> Matti L. Gill, PhD, FRACP,<sup>14,15</sup> Venessa Tsang, PhD, FRACP,<sup>16</sup> Bruce G. Robinson, MD, FRACP,<sup>17</sup> Adele Clarkson, BSc,<sup>18</sup> Amy Sheen, BSc,<sup>19</sup> Loretta Sioson, BSc,<sup>20</sup> Angela Chou, PhD, FRCPA,<sup>21,22</sup> and Anthony J. Gill, MD, FRCPA<sup>23,24</sup>

## Histopathology



ORIGINAL ARTICLE

### When used together SS18-SSX fusion-specific and SSX C-terminus immunohistochemistry are highly specific and sensitive for the diagnosis of synovial sarcoma and can replace FISH or molecular testing in most cases

Matthew Zaborowski, Ana Cristina Vargas, Jeremy Pulvers, Adele Clarkson, Danica de Guzman, Loretta Sioson, Fiona Maclean, Angela Chou, Anthony J Gill

First published: 19 June 2020 | <https://doi.org/10.1111/his.14190>

This article has been accepted for publication and undergone full peer review but has not been through the copyediting, typesetting, pagination and proofreading process, which may lead to differences between this version and the Version of Record. Please cite this article as

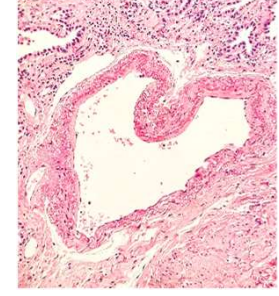
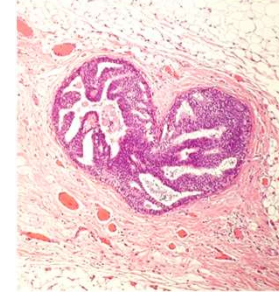
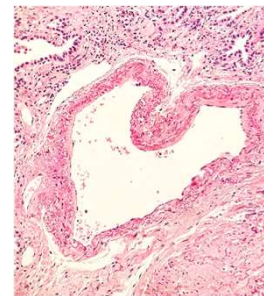
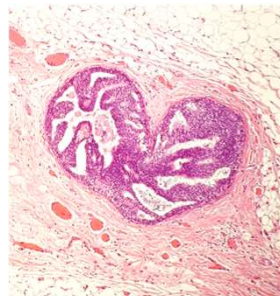
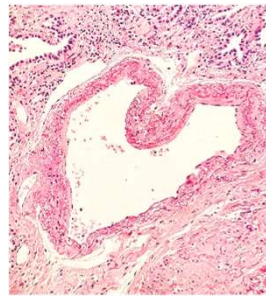
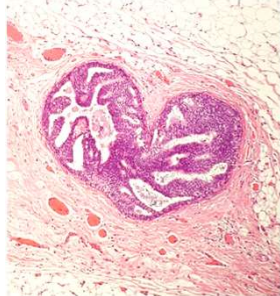
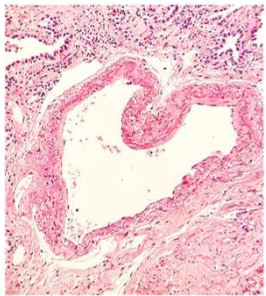
Endocrine Pathology  
<https://doi.org/10.1007/s12022-018-9534-7>

### Old, New, and Emerging Immunohistochemical Markers in Pheochromocytoma and Paraganglioma

Veronica K. Y. Cheung<sup>1,2</sup> · Anthony J. Gill<sup>1,2,3,4</sup> · Angela Chou<sup>1,3,5,6</sup>





# PRINCE OF WALES HOSPITAL


Dr Dan Nguyen (senior registrar)



- **14 Pathologists**
- **5 Trainees + Residents throughout the year**
- Open door policy
- Broad range of cases to report
- Active involvement in variety of MDTs
- Double reporting, sign out at senior level
- Formal teaching and practice exams
- Student teaching through UNSW including conjoint appointment

DAY	BIG (Cut 2)	SMALL (Cut 3)	FFO FNA CYTO	REPORTING /PM	AWAY
MON	DN	SG	FS	IK, WC	
TUE	FS	WC	IK	DN, SG	
WED	IK	DN	SG	FS, WC	
THU	SG	IK	WC	DN, FS	
FRI	WC	FS	DN	IK, SG	

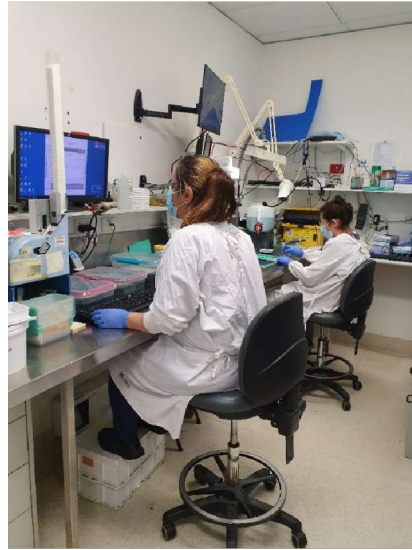
	Specimen Range	Dedicated Teaching
	<ul style="list-style-type: none"> <li>• General surgical pathology</li> <li>• Soft tissue</li> <li>• Renal (native and transplant)</li> <li>• Neuropathology</li> <li>• Cytology</li> <li>• Dermatopathology</li> </ul>	<ul style="list-style-type: none"> <li>• General surgical pathology</li> <li>• Neuropathology</li> <li>• Dermatopathology</li> </ul>
	<ul style="list-style-type: none"> <li>• Gynae-oncology</li> <li>• Cytology</li> </ul>	<ul style="list-style-type: none"> <li>• Gynae-oncology</li> <li>• Cytology</li> </ul>
	<ul style="list-style-type: none"> <li>• Paediatric and Perinatal pathology &amp; port-mortems</li> <li>• Neuropathology</li> </ul>	<ul style="list-style-type: none"> <li>• Paediatric Lecture series</li> </ul>
	<ul style="list-style-type: none"> <li>• Ocular pathology</li> </ul>	



POWH AP Registrar & RMO awards  
April 2023

1. Most likely to get reselects
2. Least likely to get reselects
3. Most likely to have specimens needing decal or EDTA
4. Most number of blocks in one case (not including reselect blocks)
5. Shit magnet on large cut up days
6. Placenta magnet
7. Laryngectomy magnet
8. Whipple magnet

Disqualifications: if it's someone else's case or just generally cheating >{



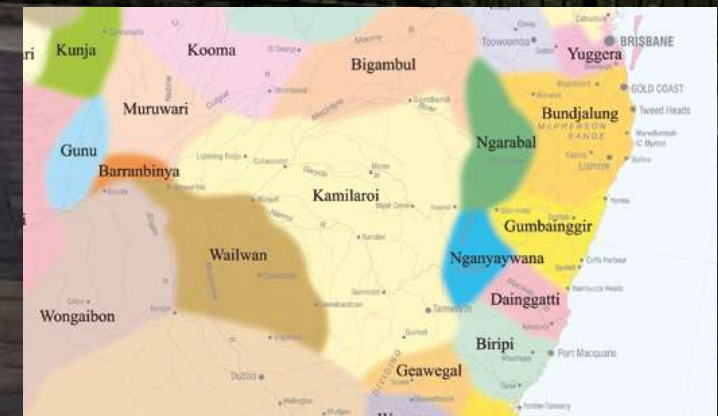
Dr Yvonne Bogun (trainee supervisor) – [yvonne.bogun@health.nsw.gov.au](mailto:yvonne.bogun@health.nsw.gov.au)

(she's away until July 25<sup>th</sup> but can email our Head of Department:

A/Prof Trent Davidson – [trent.davidson@health.nsw.gov.au](mailto:trent.davidson@health.nsw.gov.au))

Dr Dan Nguyen (senior registrar) – [dan.nguyen1@health.nsw.gov.au](mailto:dan.nguyen1@health.nsw.gov.au)

# Tamworth Department of Anatomical Pathology

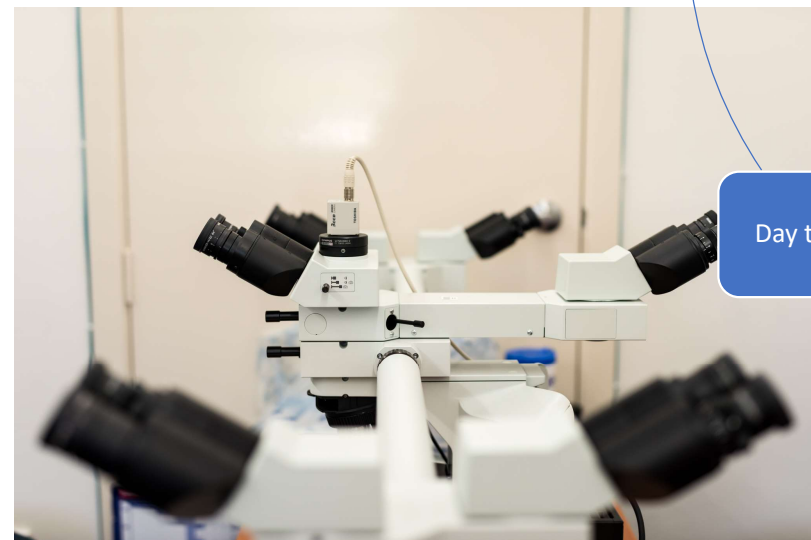
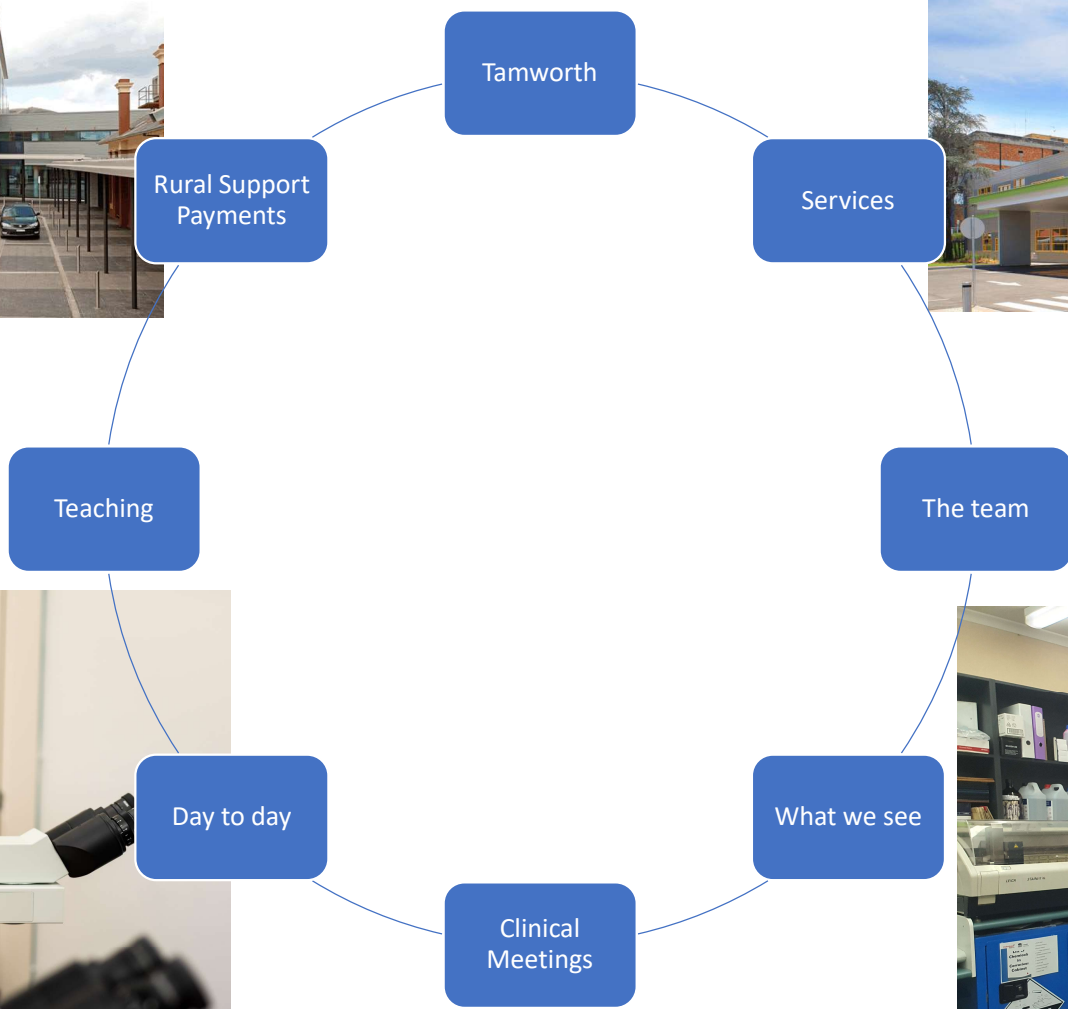




**NEW ENGLAND  
BREWING CO**







*Leading care, healthier communities*

# Anatomical Pathology at Liverpool Hospital

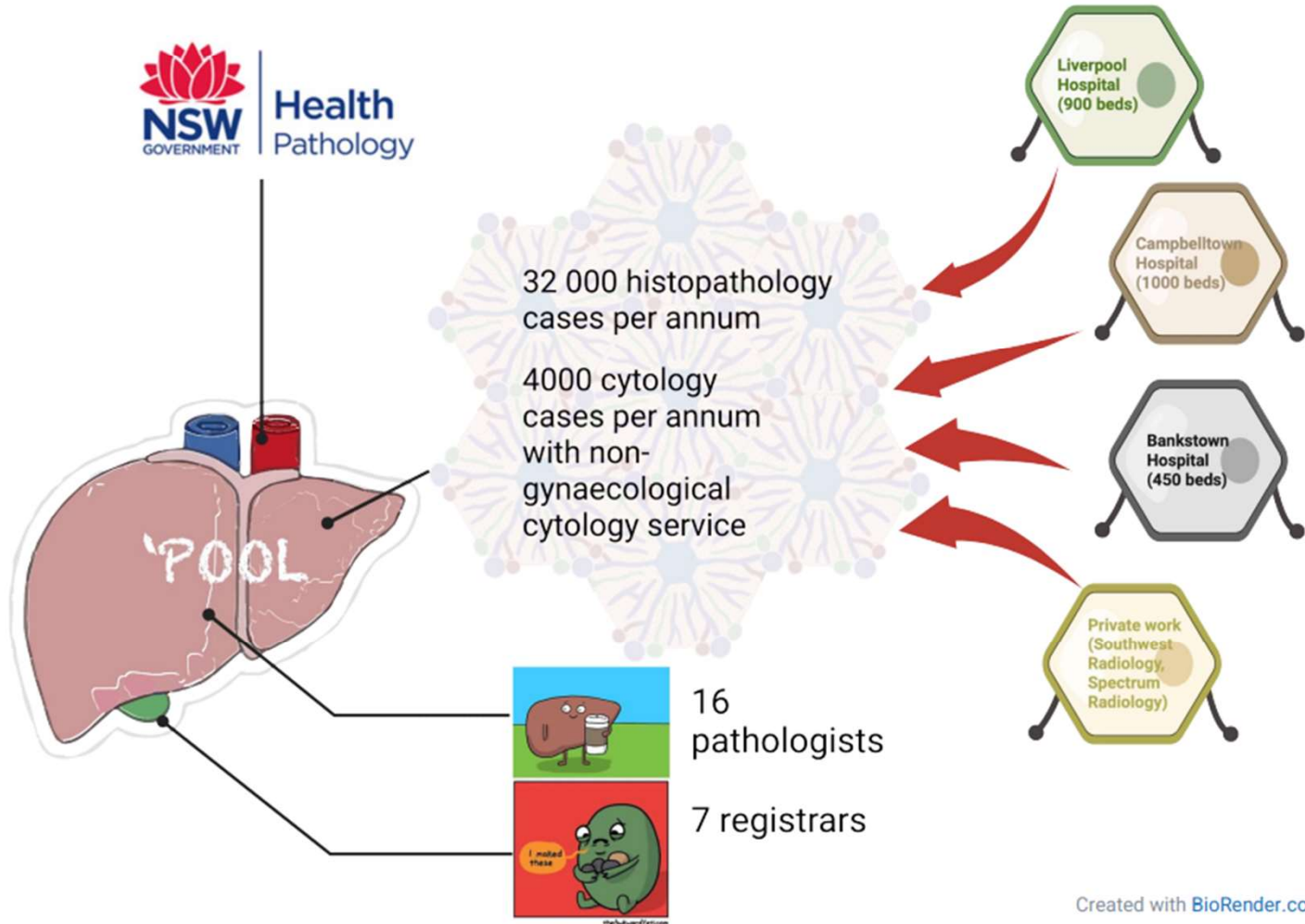
**Dr Bruce Chau**  
**AP Trainee**

**Dr Mahtab (Mattie) Farzin**  
**Staff Specialist**

Department of Anatomical Pathology  
Liverpool Hospital  
June 2023



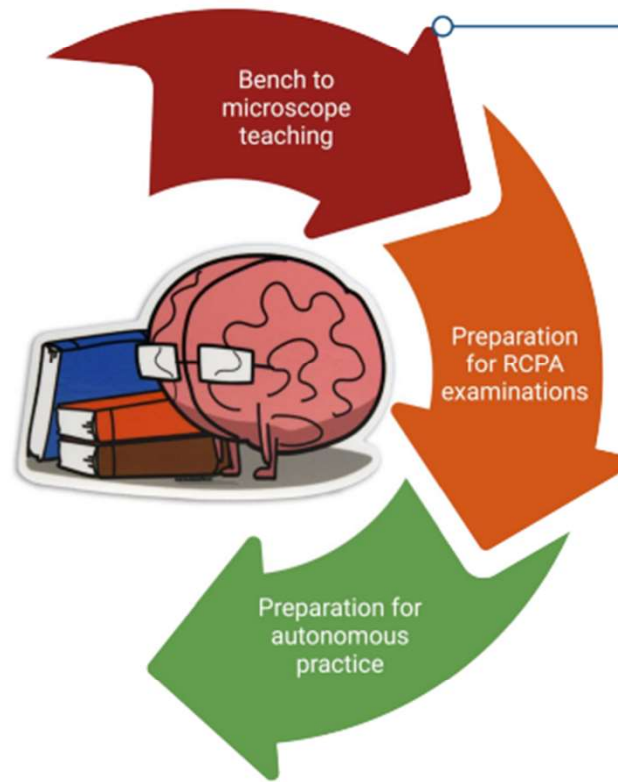
# In essence ...



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# Liverpool Hospital for all seasons of training (1)



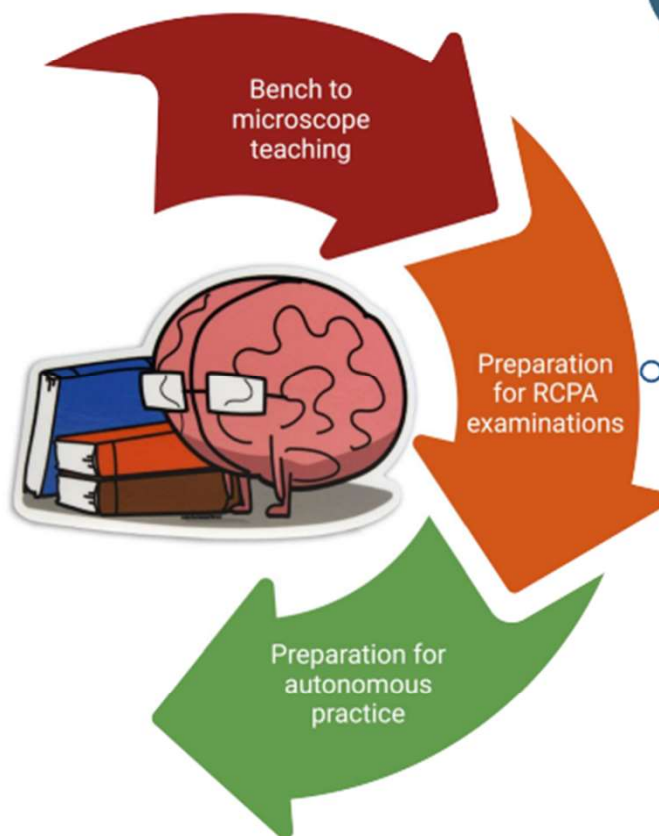
## Grassroots approach to cut-up and microscopy

- Supervised benchside teaching approach for cut-up to ensure good cut-up and block selection technique
- Early training for FNAB preparation and ROSE
- Renal and skin DIF preparation
- Follow up cases from bench to microscope by reporting consultants

- Standardised cut up hours (8:30 - 17:00)
- Paid approved overtime
- Active non-gynaecological cytology programme
- Approach designed to help with written and viva examinations

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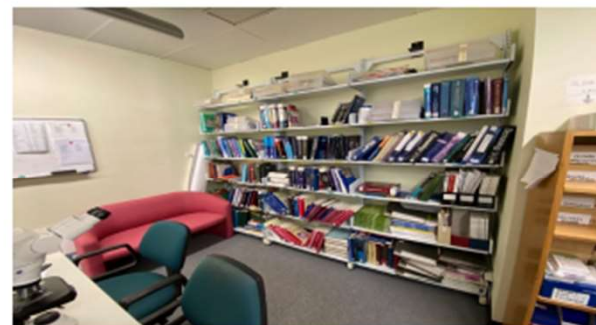
# Liverpool Hospital for all seasons of training (2)



- There is a culture of consultant teaching at Liverpool Hospital
- Teaching session expect **active participation!**

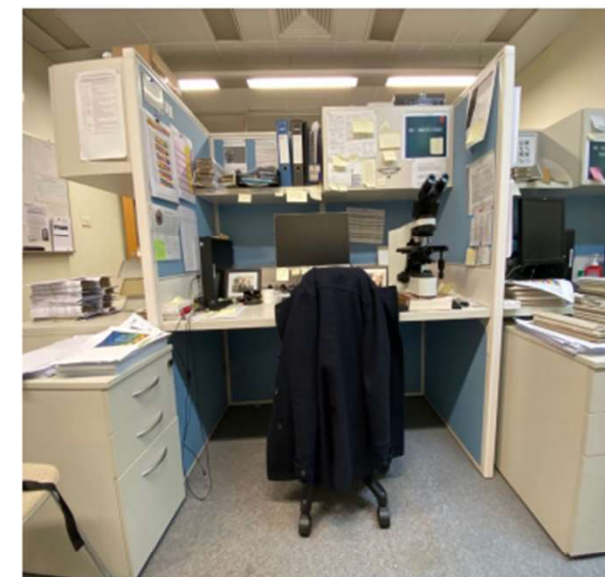
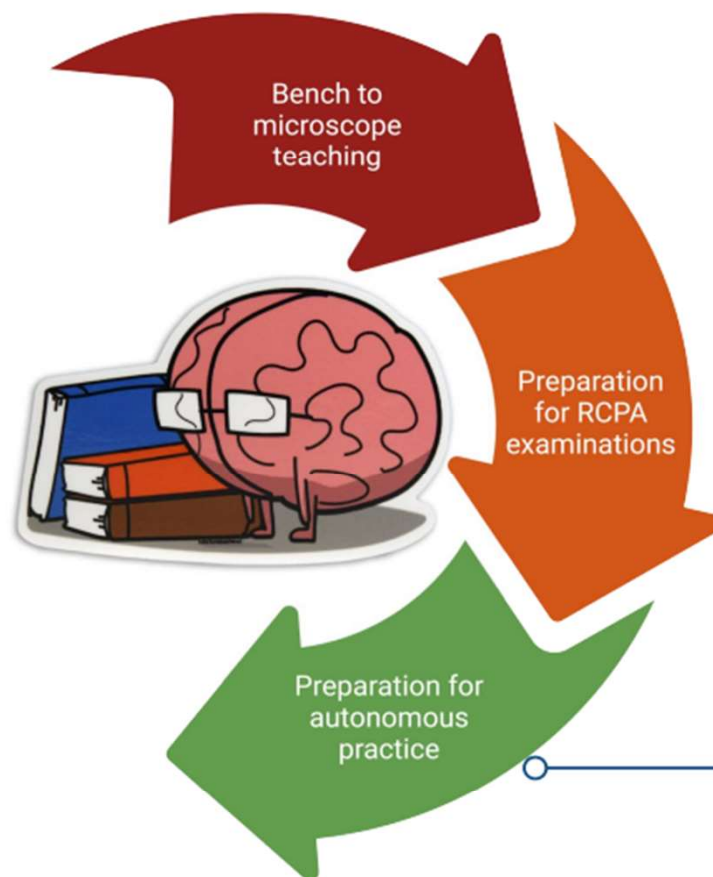
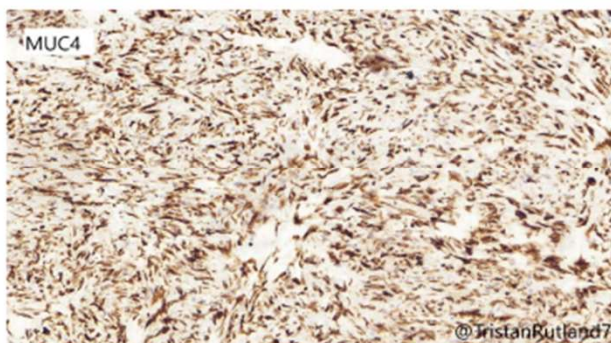
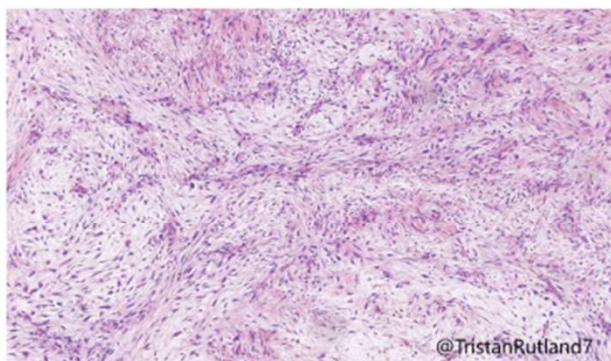
## Examination readiness

- **WSU exam preparation course**
- Comprehensive slide library
- Mock examination opportunities (glass and electronic)
- 3-4 tutorials/week (online, multiheader)
- Additional specialty tutorials each fortnight (dermatopathology, renal)
- 6 week blocks of pre-examination cytology training
- One-on-one examination preparation tutorials (on request)



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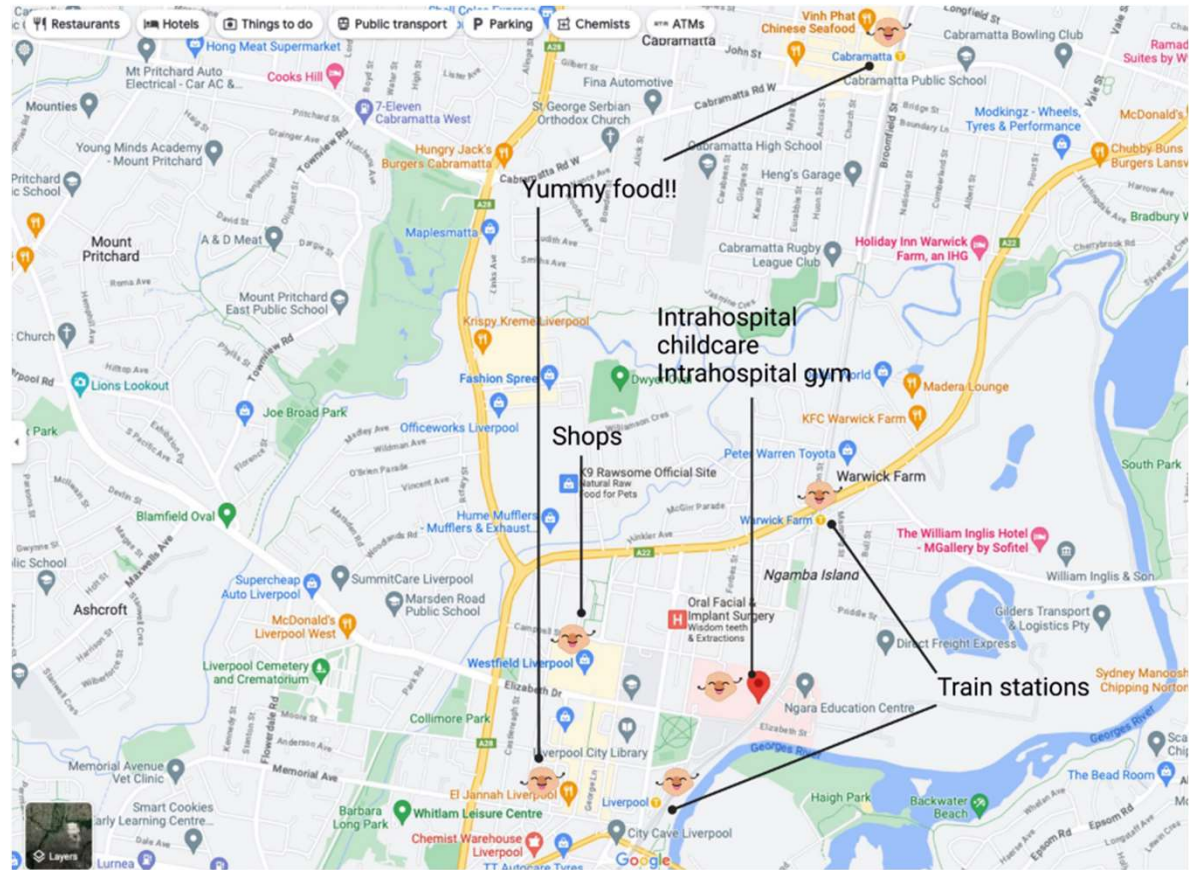
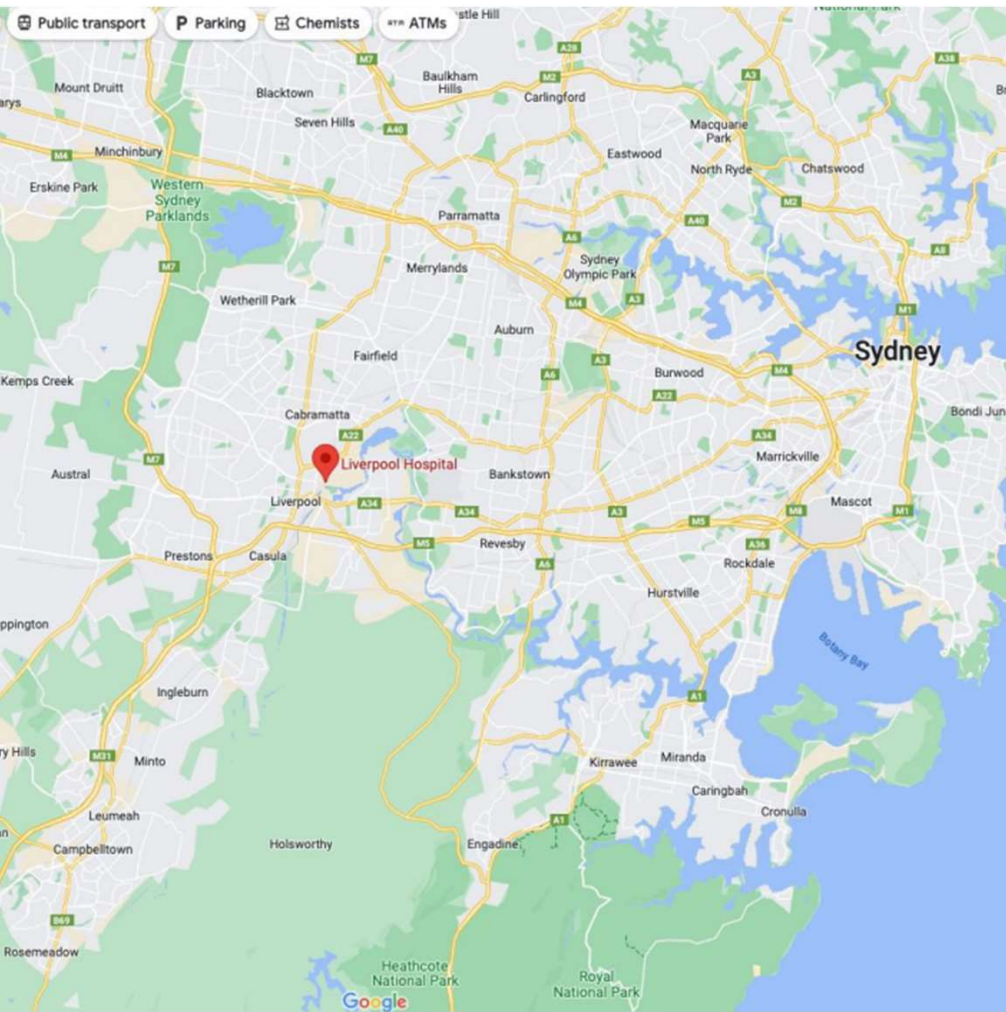
# Liverpool Hospital for all seasons of training (3)



## Safe and effective autonomous practice

- Regular live reporting opportunities (3-4 reporting days in 7 day rolling roster cycle)
- Multiple MDT meeting opportunities
- WSU and UNSW teaching with conjoint positions
- Multiple research opportunities

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# Could this be for you (cost-benefit analysis)?



What you might like (benefits)	What it would require (cost)	What is changing (watch this space)
<ul style="list-style-type: none"><li>• <b>Collegiate culture between consultants and registrars</b></li><li>• Excellent examination preparation</li><li>• Electron microscopy facilities</li><li>• Molecular facilities</li><li>• <b>Seasoned teachers and researchers</b> (with input into Pathology journal and Twitter)</li></ul>	<ul style="list-style-type: none"><li>• <b>A good work ethic especially in cut up</b> (ameliorated somewhat by 1 FTE cut up scientist)</li><li>• <b>Lower number of paediatric cases</b></li><li>• <b>Infrequent gynaecological cytology</b></li><li>• An <b>extended commute</b> (train time is good for study!)</li></ul>	<ul style="list-style-type: none"><li>• <b>Brand new laboratory space (in next 2-3 years)</b></li><li>• More shops and food courts below the brand-new laboratory</li><li>• Possible opportunities for future consultancy work (<b>you are in a growth corridor!</b>)</li></ul>

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## Questions?

Mattie:

[mahtab.farzin@health.nsw.gov.au](mailto:mahtab.farzin@health.nsw.gov.au)

Bruce:

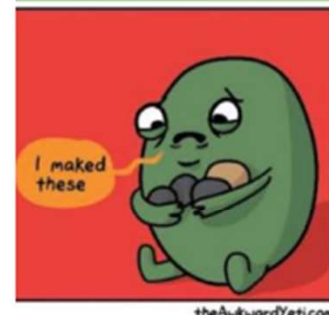
[bruce.chau@health.nsw.gov.au](mailto:bruce.chau@health.nsw.gov.au)

Registrars' telephone:

02 8738 5313

Address:

Basement of Alex Grimson Building  
Campbell Street  
Liverpool NSW 2170  
Australia



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# St Vincent's Hospital (SydPath)

Head of Department:  
Dr Andrew Field  
[Andrew.field@svha.org.au](mailto:Andrew.field@svha.org.au)

Registrar supervisor:  
Dr Andrew Parker  
[Andrew.parker@svha.org.au](mailto:Andrew.parker@svha.org.au)

Registrar room for a chat!  
Dr Alexander van Laar Veth/any of us!  
(02) 8382 9272  
[alexander.vanlaarveth@svha.org.au](mailto:alexander.vanlaarveth@svha.org.au)



# General Information

- Location: Darlinghurst, Sydney
- 15 pathologists
- 7.5 registrars
- Service both private and public sector
- Approximately 30,000 surgical pathology cases per year
  - Transplant unit (heart and lungs), busy ENT service, busy skin service, ocular pathology
  - Most other specialties are represented except for gynae, paed, soft tissue/bone (rare)
- Approximately 6,000 cytology cases per year
  - Including gynae, breast screen, FNAs, EBUS
- Autopsies
- Registrar on-calls (approximately 1 in 6 weeks)
- Growing molecular department (research opportunities)
- Expect to attend and present at MDTs, do medical student teaching (UNSW)



# Why choose St Vincents?

- The registrar group is excellent! Friendly and team players!
  - When we are fully staffed:
  - 3 lab duty days (rotating between big cut, small cut and fresh/frozens)
  - 2 reporting days and one registrar is allocated to cytology every week
- Friendly pathologists!
- Regular teaching – almost daily lunchtime tutorials
- The opportunity to sign out real cases (independent reporting) after small biopsy exam
- If we have spare microscopes, we lend them out to senior registrars for home-based study
- Supportive of conference attendance; reimbursed for one national and one local conference per year



# Anything else?

- We love to eat and be merry!



# Douglass Hanly Moir Pathology

Dr Melanie Edwards, Registrar Supervisor



DOUGLASS HANLY MOIR  
PATHOLOGY

# Scope of training

- Macquarie Park lab
- 60 pathologists
- 11 registrars
- Largest pathology practice in the Southern hemisphere
- National and international expertise
- Teaching – Notre Dame
- Research opportunities



# Extra good stuff

- Great team
- Broad specimen range
- No small cut up
- There's a free gym!
- Teaching sessions
- Clinical meetings
- Macquarie University Hospital and SAN laboratories
- Rotations



DOUGLASS HANLY MOIR  
PATHOLOGY



# Further information

- [medwards@dhm.com.au](mailto:medwards@dhm.com.au)
- 9855 6266
  
- [hkim@dhm.com.au](mailto:hkim@dhm.com.au)
- 9855 5041
  
- [dhm.com.au](http://dhm.com.au)



DOUGLASS HANLY MOIR  
PATHOLOGY

# TISSUE PATHOLOGY and DIAGNOSTIC ONCOLOGY ICPMR, WESTMEAD HOSPITAL NSW Health Pathology

- 20 STAFF SPECIALISTS
- 9 REGISTRARS
- >40,000 TISSUE PATHOLOGY SPECIMENS (Different variety of specimens, opportunity to learn)
- >15,000 CYTOLOGY SPECIMENS
- >2000 Review cases

# Quality Training at Westmead

- CUT UP: Scientist support for small cut up
- MICROSCOPY:
  - Great teaching resources
  - Registrars can approach the consultants any time
  - Minimum 3 tutorial sessions per week
- Dedicated Cytology & Breast Screen term is great

# Quality Training at Westmead

- College examiners (including recent Chief examiner) in department
- **EXCELLENT EXAM PASSING RATE (2022)**
- Place to learn Electron Microscopy and FISH
- We present at several different MDTs (e.g., weekly lung, breast screen, rheumatology)
- The Research Projects are supported
- Presentation at conferences
- **ERGONOMIC DESKS & MICROSCOPES!!!**
- Great LOCATION:
  - Westmead is undergoing huge redevelopment, more opportunities
  - MetroLine, Light Rail, currently 2 min walk from train station





Contact us:

[Stefi.Stefi@health.nsw.gov.au](mailto:Stefi.Stefi@health.nsw.gov.au)

[Hema.Mahajan@health.nsw.gov.au](mailto:Hema.Mahajan@health.nsw.gov.au)

[Elizabeth.Salisbury@health.nsw.gov.au](mailto:Elizabeth.Salisbury@health.nsw.gov.au)



NSW Health Pathology  
Wagga Wagga  
Wagga Wagga Base Hospital

Dr Jeff Donlon

Senior Staff Specialist Anatomical Pathologist

Local Pathology Director MLHD

- 6 month rotations (involves 4 trainees - RPAH and St Vincent's) – 2 in Wagga Wagga at a time.
- Accommodation provided in Wagga Wagga.
- Federal funding provided for course / conference attendance ~ \$6,000 pa per trainee.
- Experience regional anatomical pathology as a career and lifestyle option.

# Scope of training on offer in this department

- 5 Anatomical pathologists (3 FTE) , 2 Anatomical Pathology Trainees , 1 JMO
- 9,000 AP specimens annually
- General histopathology – all except, neuropathology, cardiothoracic surgical resections, medical renal biopsies and transplants.
- Significant one to one training – specialist instructed cut-up, multihead microscopy review of cases, cases for reporting.
- Access to available metropolitan teaching sessions via videoconference and telepathology.



- There is a full range of case complexity.
- Full-time on-site surgeons include breast x 2, colorectal x 2, upper GI, pancreas x 2, general x 2, urology x 4, gynaecology x3.
- Physicians include respiratory x4, gastroenterologists x 3, medical oncologists x 2, radiation oncologists x 2.

- New lab with trainee reporting room.
- Easy free parking, minimal travel.
- Accommodation provided in Wagga Wagga.
- Federal funding provided for course / conference attendance ~ \$6,000 pa per trainee.
- Normally up to 10 flights a day to Sydney. Qantas and Rex. 2 to Melbourne Rex. Brisbane twice a week.
- Snowfields, NSW and Victorian wine regions, Canberra in 3 hour radius. Sydney Melbourne 4.5 hours Hume Freeway

## **JMO TERM**

- JMO term – 10-11 weeks – JMO 2+ - Wagga Wagga (St Vincent's) – “try before you buy”