



University of
South Australia

Medical Radiations Program

Clinical Supervisors Meeting

Thursday 13th June 2024
12-1pm

Welcome

Program Director Update

- Staff updates
- Program updates/Accreditation
- 'Adelaide University' - 2026
- Clinical partnerships



Medical Radiation Academic Team



Cristina Blefari – Nuclear Medicine
Program Director (MI NM & RT)



Dr Anson Chau
Medical Imaging



Katherine Guerrero
Nuclear Medicine



Donna Matthews
Radiation Therapy



Professor Eva Bezak
Medical Radiations



Melissa Philpot
Medical Imaging



Nadine Ellis
Medical Imaging



Teresa Cross
Medical Imaging



Eileen Giles
Radiation Therapy



Dr Michala Short
Radiation Therapy



Lisa Cunningham
Radiation Therapy



Elio Arruzza
Medical Imaging



Haley Vu
Medical Imaging



Ashleigh Hull
Nuclear Medicine



Farewell to Dr. Anson Chau!



Program Updates/Accreditation

	January	February	March	April	May	June	July	August	September	October	November	December
Yr 1			SP2		SP2			SP5		SP5		
			Aboriginal Health		Aboriginal Health			Pathology		Pathology		
			HA 100		HA 100			MR Hum Anat (MRHA)		MRHA		
			H Phys 100		H Phys 100			H Phys 101		H Phys 101		
			Intro Med Rad		Intro Med Rad			Physics 100		Physics 100		
Yr 2			SP2		SP2		SP4	SP5		SP5		SP4
			HA 201 (G&S)		HA 201 (G&S)		Clinical	Studies 2		Studies 2		Clinical
			Psychology		Psych * * * * *		Practice 1A	iEBP		iEBP		Practice 1B
			Studies 1		Studies 1		4.5 units	Physics 300		Physics 300		4.5 units
			Physics 200		Physics 200		3 weeks					3 weeks
Yr 3			SP2	SP4	SP2			SP5		SP4		
			Studies 3	Clinical				Studies 4		Clinical Practice 2B		
			AEBP	Practice 2A	AEBP			Specialised		9 units		
			Elective	9 units	Elective					6 weeks		
			CT & PET	3 weeks	CT & PET							
Yr 4			SP2		SP3	SP3 CP4	SP5			SP6		
			Clinical Practice 3		Clinical Prac 4	CT CT	Professional Entry			Professional Entry		
			9 units		9 units	Block A Block B	Practice 1			Practice 2		
			6 weeks		6 weeks	2 wks 2 wks	9 units			9 units		
							6 weeks			6 weeks		
	January	February	March	April	May	June	July	August	September	October	November	December
week	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52											

Yr 1



Adelaide University - 2026



University of
South Australia

Contact Details

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Clinical Partnerships



Topics for discussion

- Learning Bytes for Supervisors - Teresa Cross
- 2023 Amazing Race -Teresa Cross



UniSA "Learning Bytes for Clinical Educators"

- Online course for health professionals who supervise/facilitate UniSA health professional students
- Designed as a series of five modules or 'bytes' to support supervisors/ facilitators/ preceptors to increase their knowledge, confidence, and approach to supporting student learning on placement.
- Participants can control their learning, access the course material in their own time and in their own way, to contribute to their continuing professional development.
- No formal assessments, with only small quizzes at the end of each 'byte' to complete.
- Estimated time commitment to complete each module is 1 hour.
- If you are interested in accessing the 'Learning-Bytes', please register your details via this Microsoft form <https://forms.office.com/r/SfzYrha8fb>
- Once you have registered, you will be sent instructions on how to access 'Learning-Bytes'.
- If you have any further questions or need more information, please do not hesitate to contact the Learning Bytes team at: ALH-learningbytes@unisa.edu.au



The Med Rad Amazing Race

Formerly Student Conference

Each student submitted an abstract relating to an interesting topic or situation students had been involved in during their study/ clinical experience

Students were then allocated 2 anonymized abstracts to undertake a peer review.

Out of those peer reviews, the best presentations were selected to present at the Medical Radiation Student Conference.

At the conference, each student then needed to complete another peer review evaluation of allocated presentations.

Academics marked.



The Med Rad Amazing Race

In 2023 the Student Conference format was replaced with the Med Rad Amazing Race (Interprofessional Activity).

- PEP2 Course co-ordinators – Ashleigh Hull (NM), Lisa Cunningham (RT), Teresa Cross (MI)
- PEP2 final day of Clinical Placement + associated summative assessment
- Morning session of activities (3 hours)
 - 86 students total = mixed stream groups of 5 = 17 groups
 - MI students = 57
 - NM students = 11
 - RT students = 17
- Followed by shared sponsored luncheon with students, staff, sponsors and their chosen representative.



The Med Rad Amazing Race

As a capstone task for the final course of the program, students from all streams came together on campus for an interprofessional activity – the Medical Radiation Amazing Race.

Teams raced around City East campus to complete a series of challenges, where they showcased their skill across all five domains of the MRPBA Professional capabilities:

- Domain 1 Professional and ethical conduct;
- Domain 2 Communication and collaboration;
- Domain 3 Evidence-based practice and professional learning;
- Domain 4 Radiation safety and risk management;
- Domain 5 Practice in Medical Radiation Science

The Summative assessment attached to this activity then required students to individually reflect on their performance as a group whilst considering the capabilities.



The Med Rad Amazing Race

		commence 9.30	commence 9.50	commence 10.10	commence 10.40	commence 11.05	commence 11.30	commence 11.50	
Commence 9.00am Welcome and intro C3-16	RT/MI 8 groups	Anatomy BJ3-53	Campus photos outside	IPL Qus BJ1-02	Pathways BJ1-30	Handwashing xray suites	RT VERT	Dance BJ3-30/BJ3-52	
			IPL Qus BJ1-02	Campus photos outside	Handwashing xray suites	Pathways BJ1-30	Dance BJ3-30/BJ3-52	RT VERT	
	STAFF:								END!
	NM/MI 8 groups	Pathways BJ1-30	Handwashing xray suites	Anatomy BJ3-53	Campus photos outside	NM BJ1-60	Dance BJ3-30/BJ3-52	IPL Qus BJ1-02	Plaza
		Handwashing xray suites	Pathways BJ1-30			Dance BJ3-30/BJ3-52	NM BJ1-60		Lunch 12.30-2.30
	STAFF:								



The Med Rad Amazing Race

Anatomy Challenge #2 (MI specific)

Out of plasticine make a 2-dimensional model of this DP foot Xray. You need to use specific colours for specific anatomy though being –

- Lateral sesamoid in blue
- Navicular in red
- Middle Phalanx of 4th toe in green

Once done - hands up!



Anatomy Challenge #3 (RT specific)

Out of plasticine make a 2-dimensional model of this CT pelvis Axial image.

You need to use specific colours for specific anatomy though being –

- Left Gluteus maximus in blue
- Prostate gland in red
- Right greater trochanter in green
- Left spermatic cord in yellow

Once done - hands up!



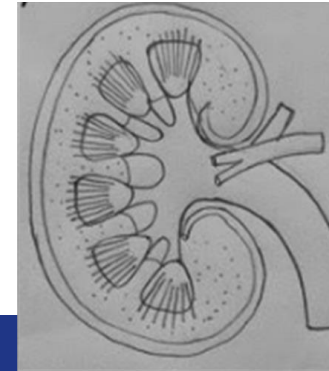
Anatomy Challenge #4 (NM specific)

Out of plasticine make a 2-dimensional model of this hand drawn image of a coronal kidney.

You need to use specific colours for specific anatomy though being –

- Medulla in blue
- Minor calyces in red
- Capsule in green
- Proximal ureter in yellow

Once done - hands up!



The Med Rad Amazing Race


Patient Pathway Questions

MI and RT

A 59-year-old female patient presents to their GP with generalized discomfort in her right breast.

Outcome is T1 N0 M1 breast.

ROUTE INFO



Your next challenge is in **BJ1-30**.

There you will find piles of flashcards which describe different steps in a patient's diagnosis and treatment pathway.

Each team will work with one pile of flashcards which contains TWO patient pathways. You will need to sort your flashcards into the correct order for the two patients.

When your team has the two pathways laid out, please raise your hands to ask for a check. Once you have them both correct, you will receive your next clue.

Mammogram	Ultrasound
Fine needle aspiration of mass	Core biopsy
Breast specimen X-ray	Whole body bone scan
Breast conserving surgery	CT simulation
Dosimetry planning	Radiation therapy 40Gy / 15#
CT chest, abdomen and pelvis	



The Med Rad Amazing Race

IPL Questions

NM Scenario

I have no one to care for my 10-year-old son while I attend my PET/CT appointment. Why can't he come with me?


Discuss your response to this patient with your group.
When ready, the group will queue outside BJ1-13. When the patient calls you in, an **MI student** should approach the patient and provide the response.



The Med Rad Amazing Race

Dance activity

DETOUR





Steps or jumps?

A detour is a choice between two tasks.

Scan the QR codes below to see two dances. Your team must select **one** dance to learn and perform correctly, in sync, to receive your final clue.


You may practice anywhere, and find the judge in the correct room to give your final performance.



BJ3-30 BJ3-52

Hand Washing activity

ROUTE INFO



Your next challenge is in the **x-ray suites**.

When you arrive at the x-ray suites, leave your bag in the designated bag drop area in **BJ1-55**. Your team will then need to line up to each have Glo-Germs applied to your hands. You will need to use correct technique to wash your hands using a sink in one of the x-ray rooms, then return to BJ1-55 to have them checked under UV light. If your hands are not clean, you will need to return to the end of the line to try again.

Once **all members** of the team have clean hands, you will receive your next clue.



The Med Rad Amazing Race

How did teamwork help or hinder your group's performance in these activities?

"Our team contained medical imaging and radiation therapy students who all contributed unique skills and knowledge.

Most tasks required a fusion of our knowledge meaning that our group had to work together and communicate to get answers. This is very relevant to the clinical environment where we will often be working with other health disciplines.

An example of this teamwork was in the task requiring our team to place in order the sequence of two patient journeys. Using the professional capabilities from Domain 3 which relate to critical thinking and problem-solving, our team was able to separate the individual steps for each scenario (Medical Radiation Practice Board, 2022).

The medical imaging students had more knowledge on the pathways of diagnosis and were able to work on this section of the patient journey, demonstrating Domain 5a of the professional capabilities by applying medical imaging knowledge to the task (Medical Radiation Practice Board, 2022).

Likewise, demonstrating Domain 5c, the radiation therapy students were better equipped to complete the treatment pathway section relating to radiation therapy (Medical Radiation Practice Board, 2022)."

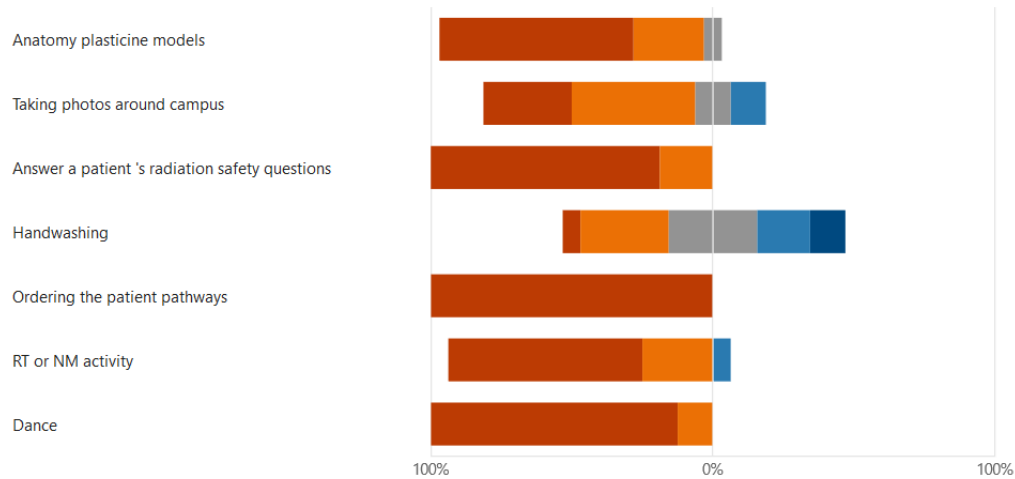


The Med Rad Amazing Race

3. Please respond to the following statement regarding each Amazing Race activity.
"This activity allowed me to practice **team work**"

[More Details](#)

Strongly agree Agree Neither agree nor disagree Disagree Strongly disagree

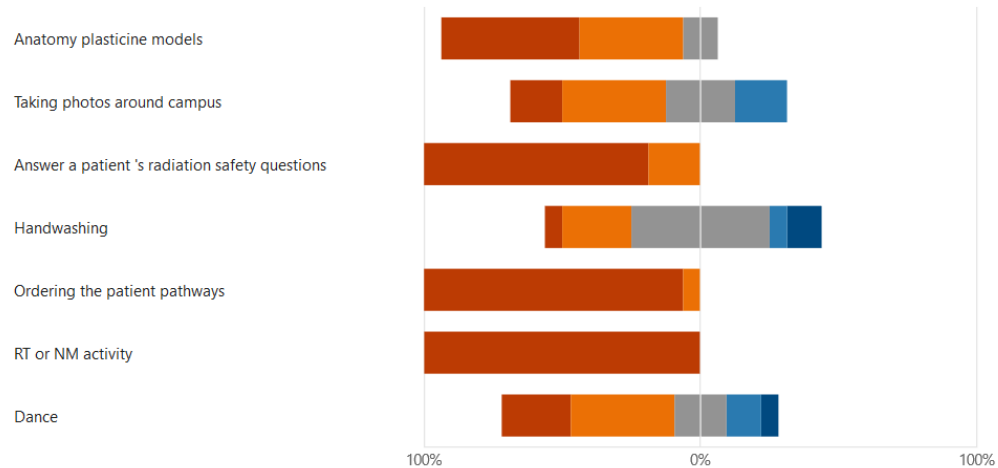


The Med Rad Amazing Race

6. Please respond to the following statement regarding each Amazing Race activity.
"This activity allowed me to practice **interprofessional collaboration**"

[More Details](#)

Strongly agree Agree Neither agree nor disagree Disagree Strongly disagree



Break out rooms – stream specific

Lisa will now open the stream specific break out rooms.

- MI – please remain in this main room
- RT & NM – please select your appropriate room.



THANK
you

We thank you all for taking the time out of your busy clinical day to participate in this meeting, and for the ongoing investment towards our profession by assisting in the training of UniSA Med Rad students.