

Insight

Department of Anatomy with Radiology– Postgraduate Medical Imaging Programme

Sept 2015 | Newsletter for the Medical Imaging Community | Issue 11

New Graduates!

We are delighted to announce the successful programme completion of the following students:

MRI

- Darren Watts, Dunedin Hospital

Ultrasound

- Abby Ferris, Auckland Hospital
- Amanda Kelly, North Shore Hospital
- Georgina Lawson, Otago Radiology

Congratulations to you all! Also, a big thank-you to the Clinical Supervisors and workplace Managers who have supported these students in their clinical training and in meeting the clinical assessment requirements associated with the University of Auckland programme.

NZIMRT Conference, Wellington

The Medical Imaging team were excited to attend the recent AIR/NZIMRT joint conference in Wellington and to meet many of you. Our booth was proudly decorated with a number of our students' posters from the Imaging Anatomy and Pathology course and these attracted much attention.



L-R: Heather Gunn, Rhonda-Joy Sweeney, Beau Pontré, Shelley Park, Adrienne Young

It was great to see the enthusiasm for postgraduate study from many students either still studying at undergraduate level or who have recently graduated. This bodes well for advancing the professional status of Medical Imaging in New Zealand.

MRTB Accreditation

Following the Medical Radiation Technologists Board's (MRTB) evaluation of our first cohort of MRI and ultrasound students at the beginning of this year, the Medical Imaging Team is pleased to announce that both the Postgraduate Diploma in Health Sciences in Magnetic Resonance Imaging and the Postgraduate Diploma in Health Sciences in Ultrasound have now been fully accredited.

The Board made this recommendation in recognition of the continuous quality improvements that have been achieved to date including the restructuring of the MRI and ultrasound programmes.

The accreditation process for the Nuclear Medicine programme is also progressing successfully with the Postgraduate Diploma in Health Sciences in Medical Imaging (Nuclear Medicine pathway) being accredited by the MRTB for an initial period of 12-months. The next stage in the process for this programme will occur in June 2016 when the first cohort of graduates is evaluated.

Nuclear Medicine Programme

In line with the previously restructured MRI and ultrasound programmes, the new Nuclear Medicine programme will be introduced in 2016. Once a clinical training position has been secured, students can begin their study in either semester 1 or 2.

With small student numbers in this specialisation, it is important that students are identified early so that we can group them into cohorts in order to offer courses in a timely manner. If you know of potential Nuclear Medicine students in 2016, please contact the Medical Imaging Clinical Liaison Team at MIClinical@auckland.ac.nz

MRI Scope of Practice

As many of you will be aware, the MRTB has recently released an August 2015 update to the outcome document regarding the scope of practice review (available on the MRTB website), and the MRI scope has been selected for further investigation.

The Medical Imaging Team has serious concerns regarding the MRI scope review. In the best interests of public safety, we will be working alongside stakeholders to ensure that the high quality standards for MRI practitioners in New Zealand are maintained. This includes the ongoing delivery of postgraduate qualifications in this specialist modality.

Clinical Supervisor Meetings

Upcoming dates for the next Clinical Supervisor meetings are provided at the end of this newsletter. These meetings will be focussing on the multi-source feedback (MSF) forms and the change in timing for completion of these as one of the eligibility criteria for students to be admitted to their final Clinical Practice course.

Exciting New Courses coming in 2016:

As part of the PGDipHSc(Medical Imaging – Image Evaluation pathway), we will be introducing the following two new image evaluation courses in 2016:

MEDIMAGE 718: Acute Chest Image Evaluation

Semester 1, 15 points

This course aims to provide students with the knowledge to evaluate common chest radiographs in the clinical setting. The student will develop the ability to apply this knowledge using a systematic approach of image interrogation. This course will also look critically at imaging technique and its relationship to providing accurate image evaluation. The focus is on common findings in chest imaging.

MEDIMAGE 719: Paediatric Image Evaluation

Semester 2, 15 points

This course provides students with the knowledge to evaluate radiographs of common paediatric trauma and pathologies in the clinical setting. Using a systematic method of image interrogation and a critical approach, students will develop the ability to provide a preliminary clinical image evaluation of common paediatric radiographs.

Computed Tomography (CT) Courses

In 2016, it is anticipated that the following two CT courses will also be offered as part of the CT pathway of the PGCertHSc(Medical Imaging):

MEDIMAGE 710: CT Imaging Technology

Semester 1, 15 points

This course aims to provide students with specialised theoretical knowledge and an understanding of the underlying scientific principles of CT technology. Students will develop the ability to apply this knowledge in the safe use of CT equipment for clinical and/or research purposes. This course will look critically at the selection of technical parameters and their relationship to image quality, and to the use of sophisticated techniques in the acquisition of CT images.

CLINIMAG 717: CT Clinical Applications

Semester 2, 15 points

This course addresses normal and abnormal Computed Tomography (CT) imaging appearances, protocol selection and modification, and application to clinical practice. The course will ensure students develop the knowledge, skills and attitudes needed to demonstrate both academic and professional clinical decision making capability in CT practice.

Image Evaluation and CT courses are also suitable as elective courses or for Medical Imaging Technologists to complete as a Certificate of Proficiency for their personal CPD. For more information, visit the university website:

<https://www.fmhs.auckland.ac.nz/en/faculty/for/future-postgraduates/postgraduate-study-options.html>

Apply for 2016 admission now!

If you are intending to begin studying in semester 1 2016 we encourage you to apply for programme admission now. For further information, please see the last page of this newsletter.



Important Dates for your 2015 Diary

Monday, 2nd November

MEDIMAGE and CLINIMAG course enrolments for 2016 open

Monday 16th November

Semester Two ends

Tuesday 24th November

Examiner's Board meeting and release of Semester Two
Medical Imaging course results

Tuesday 1st December (4-5pm)

Clinical Supervisor Meeting (Ultrasound)*

Thursday 3rd December (10am - noon)

Medical Imaging Board of Studies meeting

Thursday 3rd December (4-5pm)

Clinical Supervisor Meeting (Mammography)*

Monday 7th December (10am - noon)

Medical Imaging Advisory Board Meeting

Monday 7th December (4-5pm)

Clinical Supervisor Meeting (MRI) *

Tuesday 8th December (4-5pm)

Clinical Supervisor Meeting (Nuclear Medicine) *

** Clinical Supervisor meetings will be held at Grafton campus with teleconference facilities available for supervisors outside of Auckland*

MEDICAL IMAGING COURSE SCHEDULE

Semester 1, 2016

This course schedule lists all Medical Imaging (MEDIMAGE and CLINIMAG) courses that will be offered in semester 1, 2016 (*subject to sufficient enrolments*). Courses will open for enrolment online on Monday, 2nd November via Student Services Online (SSO).

For more detailed information about individual courses, please visit the University website at the following link: <https://www.fmhs.auckland.ac.nz/en/faculty/for/future-postgraduates/postgraduate-study-options/programmes/courses.html>

Course Code	Course Name	Semester 1
MEDIMAGE 701	Imaging Anatomy and Pathology	✓
MEDIMAGE 702	Professional Issues in Medical Imaging	✓
MEDIMAGE 704	Magnetic Resonance Imaging Technology II	✓
MEDIMAGE 707	Mammographic Technology	✓
MEDIMAGE 710	CT Imaging Technology	✓
MEDIMAGE 711	MSK Trauma Image Evaluation	✓
MEDIMAGE 713	Special Studies	✓
MEDIMAGE 714	Fundamentals of Clinical MRI	✓
MEDIMAGE 716	Fundamentals of Clinical Ultrasound	✓
MEDIMAGE 718	Acute Chest Image Evaluation	✓
CLINIMAG 702	MRI Clinical Practice II	✓
CLINIMAG 704	Ultrasound Clinical Practice II	✓
CLINIMAG 706	Nuclear Medicine Clinical Applications II	✓
CLINIMAG 709	Principles of Clinical Ultrasound	✓
CLINIMAG 710	MRI Clinical Applications	✓
CLINIMAG 714	Ultrasound Clinical Applications	✓
CLINIMAG 715	Ultrasound Clinical Practice	✓
CLINIMAG 716	Nuclear Medicine Clinical Practice	✓

Please note: If you are not already enrolled in a postgraduate programme, you need to apply online for admission. Students intending to study in 2016 are advised to apply as soon as possible to facilitate timely acceptance.

To apply for admission to these programmes, please visit the University website at the following link: <https://www.fmhs.auckland.ac.nz/en/faculty/for/future-postgraduates/admission-and-enrolment.html>