

Insight

Department of Anatomy with Radiology– Postgraduate Medical Imaging Programme

March 2014 | **Newsletter for the Medical Imaging Community** | Issue 06

MRTB accreditation

The Medical Imaging Team is delighted to be progressing into the second year of programme delivery with the New Year bringing a number of positive initiatives. One of the highlights includes a successful outcome from the most recent stage in the Medical Radiation Technologists Board (MRTB) accreditation process. Both the MRI and ultrasound Postgraduate Diploma programmes have MRTB approval and are now accredited. The next stage in the process for these programmes will occur in early 2015 following an evaluation of the first cohort of graduates of each specialty in December 2014. The approval and accreditation process for the Nuclear Medicine specific pathway is also underway with a number of students beginning their studies with programme generic courses this semester.

Introducing our new team members

We are also pleased to announce the arrival of two new staffing appointments in preparation for new courses being delivered in semester 2 this year. **Catherine Lyman** has completed a Postgraduate Certificate in CT from the University of Bradford, UK and has significant CT clinical experience including virtual colonography and cardiac CT. Catherine will be responsible for introducing the first Computed Tomography (CT) specific course beginning semester 2, 2014; CT Imaging Technology.

The most recent team member to join our staff is **Heather Gunn** who will be coordinating a new radiographic image evaluation course in semester 2, 2014. Heather is well known to many from her involvement with the Auckland branch of the NZIMRT and in her former academic role. Heather has extensive academic expertise and clinical experience within this area of specialisation.

New collaboration partnership with Northern Regional Alliance and Health Workforce New Zealand

We are pleased to announce a new educational initiative for our postgraduate ultrasound programme. As of Semester Two 2014, a new 12-week intensive ultrasound course will be delivered at the Grafton campus. As part of its key strategic investment in Medical Imaging, the University will be purchasing a state of the art ultrasound machine and ultrasound training simulation equipment to support student learning and research. Three special purpose ultrasound rooms will be made available within the Centre for Advanced Imaging at Grafton for clinical training sessions. While the 12 week intensive course is a pilot project in collaboration with Northern Regional Alliance and funded by Health Workforce New Zealand, the University investment in terms of capital, staffing resource and infrastructure is testimony to its long term commitment to providing high quality Medical Imaging education and building New Zealand Medical Imaging workforce capacity.



Course objectives

This course aims to develop clinical competence that is expected of a trainee sonographer during the initial phase of clinical training.

Ultrasound imaging of common pathology relating to abdomen, pelvis, thyroid and deep vein thrombosis will be covered in this course. Students will be required to integrate physical principles of ultrasound, pathology and sonography imaging techniques to clinical practice. Students will also be required to demonstrate the appropriate level of clinical decision making skills, professionalism and communication competency expected of a postgraduate sonography trainee in the first 12 weeks of training. The emphasis is on the synthesis of theory and clinical practice with the aim of developing a reflective sonography trainee, who will be well prepared to perform ultrasound scanning under supervision.

Be part of the UoA MI Team!

Interested in being part of the MI Team and this exciting new course? Join us and be the Lead Sonographer in this new educational initiative! The direct link to the UoA job website is:

https://www.opportunities.auckland.ac.nz/psp/ps/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?languageCd=ENG Position ID: 16208

New Semester 2 Courses

In addition to the new intensive ultrasound course and the existing courses already available in semester 2, there are a number of new courses that will be offered for the first time. While the new **Clinical Practice II** courses (MRI and Ultrasound) require both a clinical position and completion of the relevant prerequisite Clinical Practice course, there are three new courses that may be taken as electives within any of the specialisations or as a Certificate of Proficiency (CoP).

The **CT Imaging Technology** course will provide students with an in-depth understanding of CT technology and its application. The course is aimed at enhancing the Medical Imaging Technologist's understanding of the technical aspects of CT image acquisition.

The new **Musculoskeletal Trauma Image Evaluation** course is aimed at enhancing Medical Imaging Technologists' ability to make informed opinions in relation to radiographic trauma imaging, with the aim of enhancing their decision making process in performing

additional imaging procedures to aid radiological diagnosis.

The **Nuclear Medicine Technology I** course will provide students with an in-depth understanding of radio-pharmacy and nuclear medicine technology. This course aims to provide students with specialised theoretical knowledge and an understanding of the underlying scientific principles of Nuclear Medicine (NM) technology.

Please remember that if you are applying to the University of Auckland for a new programme of study we encourage you to begin the process in plenty of time before the start of semester.

Course Fee Reduction

Of particular importance is that there has been a fee reduction for the CLINIMAG courses resulting in the following change in fee structure:

MEDIMAGE \$1019.70

CLINIMAG \$1019.70

Upcoming dates

We'll be hosting a series of forums over the coming months as part of our shared conversations with the professional community. We recognise that in order to provide relevant and appropriate educational support, two-way communication is essential. Each forum will focus on a particular area of specialisation (Ultrasound, Mammography, CT, Nuclear Medicine, MRI) and will provide a platform where questions can be asked and ideas can be shared. We would like to extend an open invitation for you to join us in these forums. Please RSVP your attendance for catering purposes.

Contact us:

For more information, please visit the University of Auckland website at:

<http://www.fmhs.auckland.ac.nz/faculty/postgrad/subjects/medical-imaging.aspx>

For any further questions, please contact the Medical Imaging Clinical Liaison Team:

MIClinical@auckland.ac.nz

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Important Information for 2014

Communication Forums

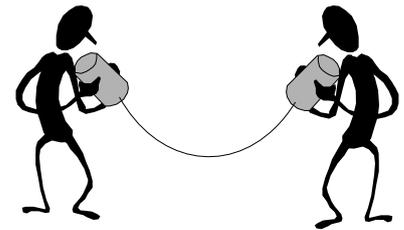
Wednesday 30th April, 6-7pm,
Ultrasound Forum

Thursday 28th August, 6-7pm,
CT Forum

Thursday 25th September, 6-7pm,
Mammography Forum

Thursday 30th October, 6-7pm,
Nuclear Medicine Forum

Thursday 4th December, 6-7pm,
MRI Forum



Semester Two courses

- MEDIMAGE 701: **Imaging Anatomy and Pathology** (*core course#*)
- MEDIMAGE 702: **Professional Issues in Medical Imaging** (*core course#*)
- MEDIMAGE 708: **Nuclear Medicine Technology I***
- MEDIMAGE 710: **CT Imaging Technology***
- CLINIMAG 701: **MRI Clinical Practice I**
- CLINIMAG 702: **MRI Clinical Practice II***
- CLINIMAG 703: **Ultrasound Clinical Practice I**
- CLINIMAG 704: **Ultrasound Clinical Practice II***
- CLINIMAG 708: **Mammographic Clinical Practice**
- CLINIMAG 709: **Principles of Clinical Ultrasound***
- MEDIMAGE 711: **Musculoskeletal Trauma Image Evaluation***

#due to popular demand these courses are being offered in both semester 1 and semester 2

*new courses this year

Note: while CLINIMAG courses require a clinical training position in the area of specialisation, MEDIMAGE courses may be undertaken by any registered Medical Radiation Technologist