



Positions in SPECT/PET/CT imaging physics

The University of Macau is a leading higher education institution in Macao, with English as its working language. The Times Higher Education World University Rankings 2014/2015 ranks the University among the world's top 300 universities. With the beautiful new campus (20 times larger than the old one) becoming fully operational, the launch of Asia's largest residential college system, the establishment of new faculties, and the increasing numbers of students and faculty members recruited from around the world, UM possesses great potential and provides exciting new possibilities for growth and development.

Posts specification:

Various positions are now available in the Biomedical Imaging Laboratory (BIG, <http://www.fst.umac.mo/en/lab/big/website/index.html>), Department of Electrical and Computer Engineering, Faculty of Science and Technology, University of Macau. Current research projects include (i) multi-pinhole collimator design/implementation for clinical/preclinical SPECT; (ii) respiratory artifact reduction for SPECT/PET/CT; (iii) internal dosimetry for targeted radionuclide therapy (TRT).

1. Postdoc fellow

Ph. D. in engineering or physics/medical physics related discipline. Good English communication and writing skill is required. Strong programming skill in Matlab/C/C++ is necessary. Prior research experience in medical imaging is preferred.

2. Research assistant

MSc/Mphil in engineering or physics/medical physics related discipline. Good English communication, writing and management skill is required. Programming skill in Matlab/C/C++ and prior research experience in medical imaging is preferred. Former experience in operating clinical/preclinical SPECT/CT or PET/CT scanners is a plus.

3. PhD student

MSc/BSc. in engineering or physics/medical physics related discipline. Good English communication and writing skill is required. Programming experience in Matlab/C/C++ is necessary. Prior research experience in medical imaging is a plus.

Remuneration

The postdoc fellow and research assistant positions are full-time fixed term appointment with the possibility of renewal subject to successful funding. The minimum contract term is 6 months. Level of appointment will be commensurate with qualifications, experience and academic achievements. The remuneration package will be in the range of:

Postdoc: \$MOP 26,730 - \$46,170/month

Research assistant: \$MOP 9,720 - \$21,870/month

PhD students are recruited for academic year 2016/2017, with monthly research assistant ships of \$MOP12,500-14,000 (tax-free). Admission guidelines can be found from:

http://www.umac.mo/grs/en/admissions_phd.php;

http://www.umac.mo/grs/en/admissions_phd_regular.php

On campus housing is available for successful applicants. The current local maximum income tax rate is 12% but is effectively around 5% - 7% after various discretionary exemptions. (1USD=8MOP)

Application procedure:

Interested candidates should send a CV with contacts of 3 referees to Prof. Greta Mok (gretamok@yahoo.com). Review of applications will begin immediately and interviews will be arranged for short-listed candidates. Applications will be accepted until the posts are filled.

