APPENDIX II.

M.Sc. DEGREES IN MEDICAL PHYSICS : January-December 2013

1. ALDOSARY, Ghada (A. Sarfehnia)

The measurement of the linear transfer of various radiotherapeutic beams in the clinic: A feasibility study
Currently employed: Resident, McGill University Health Centre, Montréal, Québec

2. ARCHAMBAULT, Laurie (W. Wierzbicki)

Validation of IoO's electron Monte Carlo module in heterogeneous phantoms
Currently employed: Physicist, Hôpital Maisonneuve-Rosemont, Montréal, Québec

3. BEKERAT, Hamed (S. Devic, A. Sarfehnia)

Improving the energy response of external beam therapy (EBT) GAFCHROMIC dosimetry films at low energies (s100 keV)
Currently employed: Resident, SMBD-Jewish General Hospital, Montréal, Québec

4. BOURQUE, Alexandra (H. Bouchard, J. Seuntjens)

A stoichiometric calibration method for dual energy computer tomography
Currently employed: Physicist, Hôpital Maisonneuve-Rosemont, Montréal, Québec

5. CARRIER-VALLIÈRES, Martin (I. El Naqa)

FDG-PET/MR imaging for prediction of lung metastases in soft-tissue sarcomas of the extremities by texture analysis and wavelet image function
Currently: Ph.D. student, McGill University, Montréal, Québec

6. DYESS, Amanda (W. Parker)

Patient dose verification for image-guided radiation therapy using a deformable registration tool
Currently employed: Resident, St-Petersburg Hospital, NY State & McGill University, Montreal, Québec

7. FAN, Michael (G. Stroian, F. DeBlois)

Web application in radiotherapy: The standardization of treatment planning and development of quantitative plan quality metrics
Currently employed: Resident, SMBD-Jewish General Hospital, Montréal, Québec

8. GHOLAMPOURKASHI, Sara (F. DeBlois)

Web-based system for quality assurance of radiation oncology equipment and procedures
Currently: PhD student, Carleton University, Ottawa, Ontario

9. KHATCHADOURIAN, Rafael (J. Kildea, M.D.C. Evans)

Monte Carlo simulations for neutron shielding in radiation therapy bunkers
Currently employed: Ph.D. student, Medical Physics Unit, McGill University, Montreal, Québec

10. WATSON, Peter (J. Seuntjens)

Scatter artifact correction in cone-beam CT images
Currently: Ph.D. student, McGill University, Montreal, Québec

11. ZLATEVA, Yana (I. El Naqa)

Investigation of Cherenkov emission with applications in dosimetry, image guidance and intensity modulation in radiation therapy
Currently: Ph.D. student, Medical Physics Unit, McGill University, Montreal, Québec

Ph.D. DEGREES IN MEDICAL PHYSICS : January-December 2013

(*major department and supervisors are indicated in parentheses*)

1. CHUNG, Eunah (Physics – *J. Seuntjens*)

Development of radiation dosimetry techniques for nonstandard beam radiotherapy
Currently employed: Resident, UC Davis Medical Center, Sacramento, California