europass Curriculum vitae

PERSONAL INFORMATION

Maria Leiloglou

The Collective Old Oak, Nash House,Flat:5.27A Old Oak Ln, London, NW10 6FF (United Kingdom)
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Sex Female | Date of birth 2 Nov 1993 | Nationality Greek

EDUCATION AND TRAINING

02/04/2018–Present

PhD, Clinical Medicine Reasearch

EQF level 8

Imperial College London, London (United Kingdom)

the Hamlyn Centre for Robotic Surgery

Faculty of Medicine, Department of Surgery and Cancer

01/10/2016–30/09/2017

MSc Biomedical Engineering, classification: distinction

EQF level 7

Imperial College London
South Kensington, London, SW7 2AZ (United Kingdom)
www.imperial.ac.uk

- Stream: Medical Physics and Imaging
- Core courses: Journal Club(73.50), Medical Device Certification(69.20/100), Systems physiology (85.80/100), Statistics and Data Analysis (55.30/100), Biomedical Imaging (77/100)
- Stream Courses: Advanced Medical imaging(68.10/100), Advanced physiological monitoring and Data Analysis (67.80/100), Nuclear Medicine (68/100), Radiotherapy and Radiobiology (85.50/100), Health Economics and Decision Making (60.90/100)
- MSc dissertation (77.6/100), Hamlyn Centre for Robotic Surgery, Imperial College London. Title:' Development and assessment of a NIR Fluorescence/ RGB coupling optical system for breast cancer detection'. Details:

-Design of a user interface in LabVIEW software to control the successive alternation of white/near infrared output of a customized LED source.

-Synchronization of this output with the corresponding configuration of system's camera.

-Interrogation of the sensitivity (SNR) and frame rate of this system to be potentially translated to clinical applications.

27/09/2011–24/07/2015

Bachelor's degree in Physics, Grade:8.77/10

EQF level 6

Aristotle University of Thessaloniki, Faculty of Sciences, School of Physics, Thessaloniki (Greece)

- Specialization field: Nuclear and Elementary Particle Physics
- Dissertation (grade:10/10), Theageneio General Hospital. Title: 'Dosimetric optimization of the radiation treatment planning for prostate cancer.' Details:

-Planning of 6 different dosimetric plans for 70 Gy dose escalated prostate treatment for 20 patients in the platform of Eclipse™ treatment planning system.

- Evaluation of these dosimetric plans with the help of SPSS IBM Statistics programme.

WORK EXPERIENCE

23/10/2017–31/03/2018

Research Assistant, Hamlyn Centre for Robotic Surgery

Imperial College London, Faculty of Medicine, department of Surgery and Cancer
Bessemer Building, South Kensington Campus, Exhibition Rd, Kensington, SW7 2AZ London (England)

www.imperial.ac.uk/hamlyn-centre/

- Plan and carry out research in collaboration with members of other departments of Imperial College London and the Hamlyn Centre for Robotic Surgery.
- Contribute to the writing of research reports and papers and present findings at research meetings and conferences.
- Assist with teaching duties and the supervision of undergraduate and MSc projects.

Business or sector research centre

03/03/2015–30/04/2015

Internship (Practical Training) in Radiotherapy department

Theagenio General Hospital 2 Alexandrou Symeonidi, Thessaloniki, 54352, Thessaloniki (Greece)

www.theageneio.gov

- Use of Eclipse™ treatment planning software
- Assistance to Medical Physisists in radiation treatment planning (for prostate cancer)
- Familiarization with the procedures of radiotherapy, medical imaging (C.T., γ-camera) and nuclear medicine

ADDITIONAL INFORMATION

Honours and awards

February 2018-February 2021

Imperial College London, Department of Surgery and Cancer/ NIHR Imperial Biomedical Research Centre

https://imperialbrc.nihr.ac.uk/

Ph.D. scholarship and an annual stipend of £21,000

September 2016-September 2017

FOUNDATION FOR EDUCATION AND EUROPEAN CULTURE

LISIKRATOUS 12 ,Athens 10558

http://www.ipep-gr.org/:

8.000€ funding for MSci postgraduate studies