

# LISA BRAUNSTEIN

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## Institute of Cancer Research

Division of Radiotherapy & Imaging

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## Education & Research

### Now Research Fellow and PhD student

Mar 2019 Institute of Cancer Research

Project: Acousto-thermal characterisation of tissue and tissue mimicking materials

Characterisation and derivation of mathematical formulations of properties of clinically relevant tissue and characterisation and development of tissue mimicking materials with properties similar to the aforementioned tissues

### Oct 2018 Master of Science in Biomedical Engineering

Mar 2017 Hochschule Offenburg University of Applied Sciences

Specialisations: Pacing and Ablation, Applied Neuroscience, Biosignal Analysis and Electrophysiology

Master Thesis: "Effect of thoracic nerve stimulation on Periodic Repolarization Dynamics"

### Feb 2017 Bachelor of Science in Biomedical Engineering

Oct 2012 Hochschule Offenburg University of Applied Sciences

Bachelor Thesis: "Medtronic CareLink Remote Patient Monitoring"

## Work Experience

### Nov 2018 Internship to pursue a Master Thesis

April 2018 Medtronic Bakken Research Center B.V. in Maastricht (NL)

Title of Thesis: "Effect of thoracic nerve stimulation on Periodic Repolarization Dynamics", evaluation and statistical analysis of experimental animal data using Matlab

### Feb 2018 Student Assistant at the laboratory for Cardiovascular Systems

Oct 2017 Offenburg University of Applied Sciences for Professor Heinke

Mentoring of the Bachelor students in the 7<sup>th</sup> semester in the subject "Cardiovascular Systems and Biosignals", collaboration in different events such as workshops, seminars etc.

### Feb 2015 Internship in the field Research and Technology

Sept 2014 Medtronic Bakken Research Center B.V. in Maastricht (NL)

Collaboration in a feasibility Study: participation in the preparation, gathering and processing of animal data

## Skills

### Language

German	● ● ● ● ●
English	● ● ● ● ●
Italian	● ● ● ● ●
French	● ● ● ● ●
Chinese	● ● ● ● ●

### IT

MS Office	● ● ● ● ●
Matlab	● ● ● ● ●
LabView	● ● ● ● ●
C++	● ● ● ● ●
Python	● ● ● ● ●
PTC Creo	● ● ● ● ●

### Certificates

Driving licence class B  
Technical English B2  
First Aid  
International Lifesaver