

PERSONAL INFORMATION

Luca Paroni



Sex Male | Date of birth 18/08/1985 | Nationality Italian

After graduating as a biomedical engineer at Politecnico of Milano and several years of work experience in the biomedical R&D field in Netherlands where I built a strong experience on in-vitro testing for medical devices.

In June 2019 I completed a second degree: Master in Global Health at the ISGlobal Institute of Barcelona where I developed skills related to biostatistics, epidemiology, public health and translational research. I am interested in be involved in public health research field with focus on vulnerable population either in low on high income country with the additional aim to translate scientific results in frameworks which can be useful for policy makers and organization involved in public health in order to take scientific-oriented decisions.

WORK EXPERIENCE

01/02/2020 – 30/09/2020

Politecnico di Milano – Dipartimento di Fistica – PoliFab – Milano (Italy)

Research Fellow

For the research project (**TMck**) for the development of a quantitative diagnostic tool for Malaria. Inside the project, apart from the research development of the project, I was responsible to coordinate activities, budgets, timing and communication for the entire team composed of Professors, PhD students and external consultants.

01/08/2019 – 31/12/2019

WHO/TDR – Barcelona (Spain)

External consultant

In collaboration with the ISGlobal institute of Barcelona, the focus was on developing a framework of indicators for leadership outputs/outcomes for the R&D clinical and product development Fellowship (CRDF) initiated in 2008 by the UNICEF/UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR), with support from the Gates Foundation.

15/05/2019 – present

Newbornsolutions – Barcelona (Spain)

Part-time R&D consulting

Support for the start-up newbornsolutions with the design and development of biomaterials following the acoustic and mechanical requirements in the context of development of a non-invasive diagnostic device for the detection of meningitis in infants.

15/06/2019 – 31/08/2019

AVICENA group – Barcelona (Spain)

Support analyst

I have been involved in the support of AVICENA group with the analysis of databases with the overall goal of contributing in the drawing up of an advocacy report for promoting access to orthopaedic and cardiac surgeries among the most vulnerable populations in Lebanon and Jordan.

15/11/2011–31/07/2018

Lifetecgroup BV – Eindhoven (The Netherlands)

R&D Engineer

Tasks:

- Data analysis
- In-vitro testing design (Example: <https://vimeo.com/288572920>)
- Troubleshooting
- Reporting
- Communication of results
- Team leading of EU-funded projects
- Team and project planning management

01/09/2011 – 01/11/2011

Medacta – Castel san Pietro (Switzerland)

MyKnee Designer – R&D area

Design the optimization of cutting blocks used during a knee replacement surgery to allow the surgeon to cut the tibial and femoral part in the right position and with the right angle.

EDUCATION AND TRAINING

September 2017 – present

Postgraduate certificate on Demography and Health (Distance Learning)

London School of Hygiene and Tropical Medicine, U. of London

The programme is designed for those interested in acquiring technical expertise in demography and understanding the interlinkages between population studies and health, including fertility, sexual behaviour, ageing, health inequalities and life expectancy.

Introduction to demographic analysis (completed)

Population studies (completed)

Fundamentals of epidemiology (to be completed)

Statistics with computing (completed)

September 2018 – June 2019

Master in Global Health

ISGlobal Institute – Universidad de Barcelona

The programme offers the knowledge necessary to face the current challenges in global health and prepares students for work with organisations that work for health equity around the world with the aim at understanding the complex relationship between health and other disciplines, such as biostatistics, epidemiology, economics, politics, anthropology and environmental sciences.

Master final project: Misdiagnosis of HIV in southern Mozambique.

Epidemiological study on a false-positive misdiagnosis of mothers and children in Mozambique using STATA software package with the aim of finding specific factors associated with the misdiagnosis.

Final degree:

Global Health fundamentals I: 8,1

Global Health fundamentals II: 7,8

Advanced topics in Global Health: 8,1

Final Master degree and global health seminars: 9,0

Article to be submitted

October 2009 – March 2011

Master in Biomedical engineering

Politecnico of Milano – Milano (Italy)

Thesis: Treatment of aortic valve prolapse with the neochordae technique in ePTFE: Biomechanical study with finite element modelling.

Grade: 105 /110

Link to the article: [DOI:10.1007/s10439-011-0497-9](https://doi.org/10.1007/s10439-011-0497-9)

September 2004 – July 2008

Bachelor in Biomedical Engineering

Politecnico of Milano – Milano (Italy)

Thesis title: Metal-Metal coupling for total hip joint. Clinical trouble, tribology and type of alloy used.

Grade: 95 /110

LANGUAGES

Mother tongue : Italian

| | UNDERSTANDING | | SPEAKING | | WRITING |
|--|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | 9 | 9 | 9 | 9 | 8 |
| IELTS | | | | | |
| Spanish | B1 | B1 | B1 | B1 | B1 |
| Curso Intensivo de Español+Conversacion A2+ (8/10) Colegio Internacional de Alicante – 3/08/2014 – 23/08/2014 | | | | | |
| Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user Common European Framework of Reference for Languages | | | | | |

COMPUTER SKILLS

Office: power point, excel, word / OpenOffice / STATA / Arduino / NX8.5 / Google drive / Dropbox

VOLUNTEERING

Summer volunteering experience in the city of Errachidia (south of Morocco)

Summer volunteering experience in Emali – Kenya

Summer volunteering experience in Riasno (Bielorussia – White Russia)

NO-PROFIT ACTIVITIES

Director of the documentary: “Article 31” (<https://www.youtube.com/watch?v=vxIRw30YfEI&t>)

Director of the documentary: “Nomadism-The Khalkha and the foreigner”
(<https://www.youtube.com/watch?v=jj-iJhW63IE>)

Additional information: <https://www.linkedin.com/in/luca-paroni-18900121/>