

Identification

First name: Tarik
Last Name: El Aarbaoui
Nationality: Moroccan

Date of Birth: 23/04/1989
Place of birth: Casablanca, Morocco

Contact information

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Training and Diplomas

2015-2018 **PhD student in Epidemiology** on "Transport-related exposure to air pollution and noise and cardiovascular health: analyses of sensor-based tracking data"
University of Pierre and Marie Curie

2014-2015 **2nd year of Master in Public Health Research** – Major in **Epidemiology**, with honors
University of Paris-Sud

2012-2013 **1st year of Master in Health Engineering** – Major in **Clinical Research**, with honors
University of Lille 2

2009-2012 **Bachelor's degree in Science Technology and Health** – Major in **Public Health**, with merits
University of Lille 2

2007-2009 Undergraduate medical studies
University of Lille 2

2007 Scientific Baccalaureate – Major in Physics and Chemistry, with honors
Lyautey High school

Professional experience

Jan-June 2015 **Pierre Louis Institute of Epidemiology and Public Health (UMR-S 1136)** – *Internship*
Subject: Commuting Habits, personal noise exposure and heart rate variability.

Oct-Feb 2014 **Electronic Registry of Cardiac Arrests (RéAC)** – *Internship*
Subject: Accompanying the development of the national cardiac arrest registry.

Apr-Aug 2013 **Heart and Artery Foundation** – *Internship*
Subject: Cartography of childhood hypertension risk and its interactions with the environmental and social context.

Apr-May 2012 **Research Team EA 2694 "Public Health: Epidemiology and quality of care"** – *Internship*
Subject: Construction of the body fat index for pediatric populations and analysis of its diagnostic qualities.

Jan-Feb 2012 **Lille University Hospital / FRC (Federation of Clinical Research)** – *Internship*
Subject: Discovery of the job of clinical research associate

Apr-May 2011 **Research Team EA 2694 "Public Health: Epidemiology and quality of care"** – *Internship*
Subject: Childhood overweight/obesity and physical activity, literature search, built environment audit and data quality control.

Research activity

Involvement in research projects

- **Residential Environment and CORonary heart Disease (RECORD)**
The main objective of the RECORD project is to study the health disparities that exist in the Île-de-France region, with particular interest in the differences observed between advantaged and disadvantaged neighborhoods. The RECORD study focuses on coronary disease and its behavioral, clinical and biological risk factors (including physical activity, tobacco use, obesity, high blood pressure, cholesterol, etc.). It is also focuses on the behaviors in the use of care, both for the prevention and treatment of cardiovascular risk factors such as high blood pressure.
- **Electronic Registry of Cardiac Arrests (RéAC)**
Since 2011, this registry lists the cases of cardiac arrest at the national level with data characterizing the CA, its management and the survival of the patients. This data collection is carried out by the SMUR teams working who fill an intervention sheet on the site of the CA, which is then entered into the RéAC database (www.registreac.org)
- **Action Against Weight Problems of School Children (A-PROPOS) : 2008-09**
Cross-sectional study on child overweight / obesity in relation to behavioral and environmental parameters
- **Interdisciplinary project on diet and physical activity of children 2006-08**
Cohort study: Analysis of the determinants of children's underweight / overweight / obesity and development of a prevention and health promotion system. Built environment assessment with Google Street View.

Publications

T. El Aarbaoui, H. Samouda, D. Zitouni, C. di Pompeo, C. de Beaufort, F. Trincaretto, A. Mormentyn, H. Hubert, M. Lemdani, and B. C. Guinhouya. Does the body adiposity index (BAI) apply to paediatric populations? *Annals of Human Biology*. DOI: 10.3109/03014460.2013.802011

Chaix, B., Kestens, Y., Duncan, D. T., Brondeel, R., Méline, J., **El Aarbaoui, T.** & Merlo, J. (2016). A GPS-Based Methodology to Analyze Environment-Health Associations at the Trip Level: Case-Crossover Analyses of Built Environments and Walking. *American Journal of Epidemiology*, 184(8), 570-578.

Misc.

Languages

- **French:** Fluent
- **Arabic:** Fluent
- **Spanish:** B1
- **English:** Fluent (TOEIC Score: 990)
- **Chinese :** Beginner A1

Computer sciences

Statistics: R

Web: HTML, CSS, Ionic

Misc.: Microsoft Office suite, Adobe Photoshop, Ableton Live

Associative activities and areas of interests

- Teaching English at the university
- Formerly in charge of a music workshop within the association "Les ILISCITES"
- Former student representative at the Board of Directors of the Faculty of Health Engineering (ILIS)
- Music, Cinema, Philosophy and new technologies