

# ALEXANDRE BOHYN

## Biostatistician and Bioscience engineer

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abohyndoe.github.io



## About Me

I'm driven by a passion for statistics, life sciences and the joy of sharing my knowledge with others. Consulting is a great challenge/opportunity to use my technical skills in order to solve practical problems.

## EXPERIENCE

### PhD student

#### KULeuven

2019-2023

Leuven, Belgium

#### Mentoring:

- Two master thesis
- An integrated project for young bio-engineers

#### Publications: 2

Detailed list available at <https://abohyndoe.github.io>.

### Statistical consulting

#### Mimetas BV

2021

Leiden, Netherlands

Design and analysis of an experiment to optimize the quality of their microplate assays using mixed models and DOE.

### Teaching

#### KULeuven

2021-2022

Leuven, Belgium

Introduction to statistics with JMP: workshop for PhD students and researchers from the industry.

### Internship

#### GlaxoSmithKline Vaccines

Wavre, Belgium

**2018** Clinical Evidence Generation Biostatistics and Statistical Programming, GSK Vaccines

**2017** Clinical compliance IDMP sustainability lead, GSK Vaccines

**2015** Copyright quality control, GSK Vaccines

**2012** Data management, GSK Vaccines

### Tutoring

**2017-2019** MySherpa: Coach in statistics, physics and mathematics for bachelor and high school students.

**2015** UCLouvain: Tutoring bachelor students in practical projects in mineralogy.

## EDUCATION

### Ph.D. in Statistics

#### KULeuven

2019 - 2023

Leuven, Belgium

**Thesis:** Design of Experiments Strategies for Robustifying Cell-Based Bio-Assays.

**Promoters:** Peter Goos, Eric Schoen

### Master in statistics - Biometrics - Cum laude

#### KULeuven

2017-2019

Louvain-la-Neuve, Belgium

**Thesis:** Comparison of statistical methods and designs for a high throughput phenotyping experiment.

**Courses:** Mixed models, Survival data analysis, Clinical trials, Statistical consulting

### Master in Bio-engineering - Cum laude

#### UCLouvain

2015-2017

Louvain-la-Neuve, Belgium

**Thesis:** Mapping groundwater degradation in the Triffa Plain, Morocco.

### Bachelor in Bio-engineering

#### UCLouvain

2011-2015

Louvain-la-Neuve, Belgium

## SOFTWARE SKILLS

- R, JMP, Matlab, python, SQL
- Certified SAS base programmer
- Unix, git bash, PERL
- Office suite, Latex

## LANGUAGES

- French: native
- English: fluent
- Dutch: basics