Samvel B. GASPARYAN

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Yerevan, Armenia
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Biostatistician /Statistical Science Associate Director

GitHub: samve
LinkedIn: sgasparyan/

Biostatistician with more than 6 years of experience working in the pharmaceutical industry. Primary therapeutic areas of interest are CVRM (cardiovascular, renal and metabolism). Experience in contributing to the development of the statistical strategy, overseeing the technical activities related to design, delivery and interpretation, as well as participating in high level internal governance committees and regulatory submissions of a project, and representing Biometrics in cross-functional collaborations. Teaching experience from Le Mans University, American University of Armenia and Yerevan State University. The main taught courses are Statistics and Data Science with R. Research interests are in the field of Statistics of Stochastic Processes.

EDUCATION

Doctor of Philosophy in Mathematical Statistics, *Le Mans University*   Dec 2016
Master of Science in Probability & Mathematical Statistics, *Yerevan State University*   May 2012
Bachelor of Science in Mathematics, *Yerevan State University*   May 2010

TECHNICAL EXPERIENCE

Biostatistician   Jan 2019 — **Present**
AstraZeneca   *Gothenburg, Sweden*

- Statistician working in Phase 3 cardiovascular outcome trials
- Writing the statistical sections of the protocol
- Creating the Statistical Analysis Plan (SAP)
- Overall design and implementation of analysis and reporting

Lecturer   Sep 2018 — Dec 2018
Yerevan State University   *Yerevan, Armenia*

- Introduction to Ⓡ programming, M1 (Applied Statistics and Data Science Master Program).

Biostatistician   Nov 2016 — Nov 2018
ClinCoice Inc.   *Yerevan, Armenia and Philadelphia, USA*

- Worked on projects in different therapeutic areas.
- As a study lead statistician worked on a device study that identifies the hemostasis condition of individuals, which successfully passed the FDA clearance.

Temporary Teaching and Research Assistant (Attaché Temporaire d'Enseignement et de Recherche)   Sep 2015 — Aug 2016
Le Mans University   *Le Mans, France*

- Statistics with Ⓡ, M1 (for Mathematicians).
- Linear Algebra, B1 (for Physicists).
- Analysis, B1 (for Engineers).
- General Mathematics, B1 (for Engineers).
- Mathematical Tools, B1 (for Biologists).
- Descriptive Statistics, B1 (for Biologists).
- Descriptive Statistics, B1 (for Biologists).

Teaching associate (Enseignant vacataire)   Sep 2014 — May 2015
Le Mans University   *Le Mans, France*

- Statistics with Ⓡ, M1 (for Mathematicians).
- Numerical Series and Discrete Probabilities, B2 (for Engineers).
- Descriptive Statistics, B1 (for Biologists).

ACTIVITIES

WHO Regional Office for Europe, Statistical Consultant/Facilitator   Mar 4, 2019 — Mar 9, 2019
                                                                                 Copenhagen, Denmark
WHO/TDR Educational Initiative, Statistical Consultant/Facilitator   Dec 7, 2018 — Dec 14, 2018
                                                                                 Lviv, Ukraine
WHO/TDR Educational Initiative, Statistical Consultant/Facilitator   Aug 17, 2018 —Aug 24, 2018
                                                                                 Yerevan, Armenia

SKILLS

Tools and Languages	R, SAS, Python, LaTeX, MarkDown, SQL
Quantitative Research	Mathematical Statistics, Clinical Trials
Communication	Armenian, English, Russian, French

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