

# Clinical Trials Operational Analytics Specialist at AstraZeneca

## Senior Statistician

**Arbetsgivare** Statistikkonsulterna Jostat & Mr Sample

**Utdelningsadress** Drakegata 5

**Besöksadress** Drakegatan 5

412 50 GÖTEBORG

Tel 031-7037370

<http://www.statistikkonsulterna.se>

**Arbetsplatsen**

**belägen i kommun** Göteborg

**Platsbeskrivning** Yrke : Senior Statistician

Statistikkonsulterna are now looking for a Clinical Trials Operational Analytics Specialist for a consult assignment at AstraZeneca. Employer: Statistikkonsulterna Jostat & Mr Sample AB City: Göteborg

AstraZeneca is a major international healthcare business engaged in the research, development, manufacture and marketing of prescription pharmaceuticals and the supply of healthcare services. AstraZeneca is proud to offer a unique workplace culture that inspires innovation and collaboration. Co-workers are empowered to express diverse perspectives - and are made to feel valued, energized and rewarded for their ideas and creativity

### Senior Statistician The Arena:

- The Advanced Analytics Centre (AAC), within Biometrics & Information Sciences (B&I), which is part of Global Medicines Development
- B&I drives good design to generate the data needed for quality decision making. The goal of B&I is to deliver value to the AstraZeneca pipeline by excellence in delivery, improving decision making, and engaging and shaping the external environment whilst accessing and implementing innovative solutions
- The AAC uses a blend of scientific & technical skills (statistics, informatics, mathematics, computer science, operations research) to develop & deliver cutting-edge methods which address critical scientific & business questions in drug development

### Tasks and responsibilities/The role:

- Provide advanced analytics support to activities related to the optimisation of clinical trial protocols
- Design, perform and interpret analyses of historical clinical trial operational data, using statistical and computational techniques (e.g. machine learning)
- Interface and integrate with AstraZeneca teams that run clinical trials, in order to: (1) facilitate use of analytics tools (e.g. costings tool); (2) learn about and gain an in-depth understanding of issues on the ground
- Integrate data from internal AstraZeneca databases (e.g. IMPACT, ACCORD, OPAL) and external databases (e.g. DrugDev, SiteTrove, TrialTrove)
- Develop algorithms and rulesets to be implemented for decision support
- Lead and steer development of software tools, to be used in clinical trial design and execution
- Develop costings tool for clinical trials, to work across a number of therapeutic areas, and embody pre-defined optimised rulesets

## Minimum requirements

- MSc or PhD in Statistics, Mathematics, Informatics, Computer Science or related field
- Hands-on skills in statistics, scientific computing, machine learning and data manipulation
- Understanding of operational aspects of design and conduct of clinical trials
- Excellent communication skills and ability to build strong relationships

## Preferred experience and key factors

- Experience of working in the pharmaceutical industry, preferably AstraZeneca
- Excellent collaboration required – needs the energy and tenacity to work across global & functional boundaries both internally and externally
- Specific skills in on or more of R, Python, Spotfire
- Must enjoy operating in the presence of uncertainty, seeing the freedom that brings as a positive.

*Statistikkonsulterna has since 22 years profiled in statistics and mathematics and now consists of 15 qualified statisticians and a large network of universities and colleges. Statistikkonsulterna is focusing on staff development through internal and external training and seminar and conference participations. Several of Statistikkonsulterna's employees are also active partners.*

*Statistikkonsulterna has framework agreement with Volvo companies, CEVT, Scania, AstraZeneca, IKEA of Sweden, SCA, MHC TetraPak. Furthermore, we also perform research-related projects for universities, hospitals etc.*

*Statistikkonsulterna is SAS Silver Partner and an active member of Swedish Statistical Association and ESOMAR SFK.*

*Statistikkonsulterna has access to and experience in SAS / Base, SAS / Enterprise Guide, SPSS, R, and Minitab. Furthermore, we have expertise in programming and SQL.*

*More up to date information is available on our website: <http://www.statistikkonsulterna.se>*

*Interviews will be conducted continuously. Please apply as soon as possible, but not later than 2 Jan 2017.*

For further information please contact Mats Rudholm  
(email: mats.rudholm@statistikkonsulterna.se)

**Varaktighet** 6 månader med goda chanser till förlängning

**Tillträde** 1 feb 2017

**Arbetsid/Varaktighet** Heltid

**Lön** Fast månadslön

**Kontaktpersoner** Mats Rudholm

mats.rudholm@statistikkonsulterna.se

**Ansökan** Sista ansökningsdag 2017-01-02

**Övrigt om ansökan** Ansökan skickas via e-post; mats.rudholm@statistikkonsulterna.se

**Ansökan via e-post** mats.rudholm@statistikkonsulterna.se