

## Master thesis at AstraZeneca

AstraZeneca is a global, science-led biopharmaceutical business and our innovative medicines are used by millions of patients worldwide.

### Why master thesis at AstraZeneca?

It gives you insights in how a big pharmaceutical company works with quality in research and development (R&D). You would get access to real-world data on quality observations, learn from the experts on how quality is managed in R&D, and you would contribute to make it better by addressing a complex problem.

### What is it about?

The aim is to assess the existing risk management system at the R&D department with a focus on understanding and explaining recurrence of issues. The guiding principle is that it is okay to make an error, but not to make the same error again. But how to put that into practice? So more specifically, the problem for this assignment relates to whether issues are re-occurring, what exactly is meant by recurrence, how to measure recurrence, and what can be done to avoid recurrence.

### Your assignment

- Perform literature-based research on recurrence issues within the context of risk management.
- Formulate and define the problem at the organization.
- Plan and perform in-depth interviews, observations, and immersion at AZ in Mölndal
- Propose strategies to work with risk management focusing on how we can do better.
- Evaluate whether the existing data can be used to measure and validate the proposed strategies

### Required skills and experience

- Independent, creative, curious.
- Strong interpersonal/social skills.
- Strong analytical skills.
- Experience in doing in-depth interviews.
- Experience in using quality methods is meritorious.
- Good communication skills, written and spoken, in English and/or Swedish.

### The details

Master programme: preferably MPQOM, but interested students from MPSCM, MPMEI are also welcome.

Time: January to June 2022

Location: AZ and Chalmers.

Reward: Unpaid to be conducted as part of a degree. A remuneration corresponding to internship work at AstraZeneca.

**Application deadline:** 18th November, 2021

### Application

Please send your CV and a supporting statement (no more than 1 page of A4) outlining how you meet the required skills and experience, and why you want to work in this research project. You do not have to have a thesis partner when sending your application, if you do not have one. Note that only shortlisted applicants will be notified latest by November 23rd for an interview before the final decision. Send your application to

[Martin.Siman@astrazeneca.com](mailto:Martin.Siman@astrazeneca.com) and [hendry@chalmers.se](mailto:hendry@chalmers.se)

(Martin Simán, Senior Director Risk and Analytics at AstraZeneca, and Hendry Raharjo, Associate professor at Chalmers)