**[Statistician, Chemometrician]**

**Work Location: Shanghai**

**People Management Responsibility: No**

**Travel Required: Yes**

**Shift Required: No**

**Objectives of the position:**

Responsible for projects, closely co-operating with research and development, engineering and business units. Communicating the ideas and solutions of statistical modeling to a broad community of non-statisticians and acting as a driving force.

Establish and maintain collaborations both with internal experts and with academic research groups in that domain evaluating new approaches and exploring new application opportunities.

**Representative Main Tasks:**

1. As representative of BASF’s global modeling-team provide statistical support based on data analysis, data-based modeling and optimization for multiple application areas comprising chemometrics, biometrics, process and quality control, as well as econometrics and risk analysis.
2. Establish and extend contacts with BASF R&D, engineering, business and operational units.
3. Work in close partnership with these units in Asia and globally.
4. Identification, planning and execution of statistics projects for the BASF units in Asia.
5. Project management including monitoring, assessment, documentation and presentation of progress and the achievement of milestones.
6. Active development of own knowledge. Knowledge transfer to all levels in BASF.
7. Establish and maintain collaborations with academic research groups in your domain evaluating new approaches and exploring new application opportunities.
8. Ensure compliance with labor, safety and environmental regulations within your own area of work.
9. Communicate the ideas and solutions of statistical modeling to a broad community of non-statisticians and act as a driving force in interdisciplinary project teams.

**REQUIREMENTS:**

1. PhD in Chemometrics, Chemistry, Physics, Chemical Engineering, Statistics or related fields.
2. Strong background in mathematical statistics, data analysis, design of experiment and optimization.
3. Experience in statistics applications, in using statistical software such as R, and in programming.
4. Intercultural understanding and interpersonal skills for managing internal and external project communication with regional and global stakeholders.
5. International experience is advantageous.
6. Creative and motivated team player.
7. Strong communication and presentation skills.
8. Project management skills