



**MSD (Merck Sharp & Dohme) China R&D center BARDS** (Biostatistics and Research Decision Science) department is hiring:  
BARDS vision as a worldwide leader in quantitative scientific research for drug and vaccine development.

### **(Senior)Biometrician Job Description**

1. Provides biostatistical support for a drug/vaccine project under the supervision of management.
2. Collaborates in publication of research results in areas of applications.
3. Conducts collaborative research on statistical methodology, pursues solutions to various technical problems, adapts known methods and develops new ones.
4. Maintains technical skills and increases own knowledge of new methods or areas of applications by reading journals and attending professional society meetings, presents own research at meetings and seminars, communicates with statisticians outside Merck concerning technical problems.

### **Requirements**

- PhD, MS, or equivalent in statistics/biostatistics with knowledge of biomedical sciences and at least 3 years experience (for MS) in the design and evaluation of drug/vaccine discovery, non-clinical development or clinical trials.
- Knowledge of computers, statistical and data processing software.
- Excellent communication skills are required.
- Publications in peer reviewed statistical/medical journals are desirable.
- Excellent language skills in both English and Chinese

### **(Senior) Statistical Programmer Job Description**

1. Works closely with lead statistician for an NDA project to define the analysis datasets and analysis programs required. Provides analysis datasets through the use of programs which carry data forward, determine protocol violators and valid data points, restructure datasets, etc.
2. Effectively transforms new or existing programs which may be specific to particular drug projects into a library of standardized program modules which can be used to build new programs for future drug projects
3. Coordinates the organization and storage of all programs, datasets and output for particular drug projects.
4. Develops standard operating procedures for documenting and validating programs and maintains close contact with CIS to ensure that these methods adhere to industry and Company programming standards and that all work is carried out within the framework of the Information Technology standards established by Research Information Management

### **Requirements**

- Bachelors in Computer Science or Statistics. Masters preferred.
- At least 2 years relevant experience involving statistical programming in the clinical trials environment. Needs basic knowledge of descriptive statistics and statistical methods. Strong SAS background required (2+ years).
- Requires thorough knowledge of programming techniques (especially in SAS), analytical ability, and sound professional judgment.
- Basic understanding of statistical terminology and concepts resulting in effective interaction and statisticians. Ability to comprehend statistical journals and SAS manuals which describe statistical methodology to be programmed.
- Excellent language skills in both English and Chinese

If interested, please send CV and personal statement to [wei.jia3@merck.com](mailto:wei.jia3@merck.com), cc to [xiaohua.zhang@merck.com](mailto:xiaohua.zhang@merck.com) or [william.wang@merck.com](mailto:william.wang@merck.com).