

Campden BRI (Chipping Campden) Limited

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Campden BRI (Nutfield)

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Job Profile

Statistician- Microbiology

Department- Microbiology

For enquiries concerning this job, please contact:

Human Resources Department
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Campden BRI provides scientific, technical, and legislative support to the food, drinks and allied industries worldwide. The practical application of technical excellence lies at the heart of all that we do and is supported by our industry-leading facilities, expertise and knowledge.

From analysis and testing and operational support to knowledge management, all our activities are built on an extensive programme of research and innovation steered by industry to ensure maximum commercial relevance.

We provide services to companies all along the supply chain, but offer discounts, access to expert advice and other benefits for those that come into membership. Many of our clients are major blue chip companies and household names.

Locations

The Campden BRI Group operates from three sites in the UK and a fourth in Hungary. The role as advertised will be based at the Chipping Campden site but could require from time to time travel to other Group sites.

The site in Chipping Campden employs 300 full or part-time staff. A further 50 staff are employed at the site at Nutfield, Surrey and 20 staff are employed at our site in Budapest, Hungary. We also have a Consumer Test Centre in Leamington Spa.

Department: Microbiology

Duties and responsibilities:

To provide a primary statistical service to the Microbiology Department. Other Departments at Campden BRI may also require statistical services on occasion. The work would include the design and analysis of scientific experiments, appropriate calculations, multivariate statistics. Provision of advice to external clients on sampling plans, control charts and sampling for food safety. Design and analysis of compliance surveys. Helping scientific staff in the use of specialist graphics e.g. advanced graphs in R. Learning, use and advice in the statistics involved in method validation and verification, particularly in the statistics used in ISO 16140.

Experimental design in microbial growth/death modelling and fitting of models in R.

Provision of information on microbiological uncertainty of measurement calculation based on appropriate standards, and the analysis of proficiency data.

Specialist help in the area of bioinformatics and handling of "big" data would be required.

The job may also require participation in ISO Standards committees, providing advice in the use of statistics in microbiology.

Qualifications and competencies

Degree or equivalent in a mathematics or statistics subject, with post graduate experience of the use of statistical tools in an industrial setting and in experimental science (design & analysis of experiments). Any previous experience in using statistical in food science and particularly microbiology will be looked on very favourably.

Use of packages such as Excel, Minitab, R and R Studio would be required. Experience/understanding of the requirements of bioinformatics information analysis.

Key skills

Excellent verbal and written communication skills, with an ability to converse with those having little/no statistical understanding/skill, to pass on key information and allow them to understand statistical requirements.

Also having an ability to communicate with other expert statisticians (potentially at national / international level) to discuss key points and come to agreement.

Ability to make presentations to industrial and scientific groups and internal and external meetings, some at international level.

Overall a friendly, can-do attitude to all work and requests with an excellent ability to multitask.

Pay and benefits

Salary:	Guide - £22,300 - £33,000
Grade:	G3
Holidays:	24 days plus public holidays and a buying/selling holiday scheme .
Pension scheme:	Campden BRI operates a pension scheme
Training:	Campden BRI is committed to ensure all staff receives appropriate training to support their job function and business needs.
Health:	Campden BRI operates a 'permanent health scheme' if you are unable to continue work for health reasons and a 'death in service' scheme.
Others:	Other benefits include subsidised restaurant/vending machine and parking on site.

Further Information

If further information is required, please visit our website www.campdenbri.co.uk