

Job Title:	Senior Statistician		
Reports To:	Scientific Data Manager	Grade:	G36
Function:	Scientific Product Stewardship	Location:	Southampton
Purpose:	Designs and performs statistical analyses across a range of studies. Setting appropriate statistical approaches for R&D studies, including product development, non-clinical, clinical studies. Provide guidance to non-statisticians and coach other statisticians to ensure implementation of best statistical practice across the organisation.		
Dimensions:	Staff: 1 direct report. Other: The job holder will need to work across groups within GR&D, providing advice in Statistics and statistical software for a broad range of GR&D projects.		

Principal Accountabilities
<p>Operational/Professional/Business</p> <p>Implement best practisesfor experimental design and statistical analysis across R&D</p> <p>Apply advance knowledge in Statistics and statistical software to perform appropriate analyses to support product development and testing.Familiarity with SAS would be preferable.</p> <p>Contributes to protocols and study plans. Produce and deliver statistical analysis plans. Liaise with vendors as needed to facilitate protocol, SAP, listings and tables’ shells development and review of deliverables.</p> <p>Able to provide guidance to statistical programmer and analyse data as per SAP.</p> <p>Good understanding of CDISC standards datasets, specifically SDTM and ADAM.</p> <p>Supports the DM&S team on the development of new strategies to ensurefull data analysis traceability to satisfy regulatory compliance</p> <p>Management</p> <p>Application of formal project management.</p> <p>Planning – Contributes to strategy to develop dossiers for regulatory submission.</p> <p>Leads junior statisticians to successfully deliver DM&S’ objectives related to experimental design and statistical analysis.</p> <p>Understands, promotes and applies their responsibilities under the EH&S policy.</p> <p>Budget – The role holder is not a budget owner, however, will be expected to contribute to the planning of budgets to manage expenditure and monitor output from the external contracts and collaborations</p> <p>Leadership</p> <p>Provides training and mentor other team members and wider R&D scientific community in best statistical practice and its implementation through a wide range of statistical software.</p> <p>Provides training and mentor other team members and wider R&D scientific community in appropriate statistical software such as Minitab, JMP, SAS and R Programming to perform statistical analysis.</p> <p>Provides direction and consultancy on technical issues related to work program.</p>

Relationship

Collaborating with scientists, product developers, other statisticians, data managers, SAS programmers and other stakeholders to ensure timely successful delivery of data and statistical output. Externally liaising with CROs, contract laboratories and other bodies to ensure delivery of statistical documentation and outputs.

Participation in key stakeholder working groups such as CDISC and RSS.

Provides direction and consultancy on technical issues both externally and internally to R&D.

Author and deliver R&D reports and presentations.

Appropriately contributes to external publications and collaborations.

Innovation

Decisions are made based on data interpretation gained from extending what is already known in the technical area.

Keep up to date and provide technical advice on new tools to streamline data analysis supporting regulatory submissions.

Knowledge, Skills and Experience

Qualification	Masters in Statistics, Certified Statistician by the RSS	
Institution Membership	NA	
Competencies / Experience	Please list what experience the person would need to do the job (not Years of Experience)	
	Essential	Desired
Technical capability and knowledge	<p>Recognized expertise in Statistics in a R&D setting. Excellent working knowledge of ICH and FDA relevant guidelines.</p> <p>Excellent working knowledge with statistical software, preferable SAS and Minitab.</p> <p>and knowledge statistical on CDISC standards with emphasis on CDASH, STDM and ADAM</p> <p>Working experience providing sample size calculations for a variety of studies using traditional approaches and simulation.</p>	<p>Other software like R, JMP, Stata, Matlab, WinNonLin would be an advantage.</p> <p>Working knowledge using Bayesian approaches for modelling, multi-state disease modeling.</p> <p>Working knowledge in simulation techniques.</p>
Methods / Processes	<p>Deep understanding of data life cycle for data from product development to registration of regulated products.</p> <p>Prepares/review relevant SOPs and training/control documents to ensure that best statistical practice adhering to regulatory requirements is maintained.</p>	

**BRITISH-AMERICAN TOBACCO
ROLE PROFILE**

Techniques	Deep understanding of regulatory requirements for statistical analysis activities. Applies advance SAS programming (and other statistical software) to perform and review statistical analyses.	
Product Knowledge	Basic understanding of nicotine products categories	
Business Acumen / Commercial Knowledge	Maintains up to date of new emerging products	
Leadership / Managerial Skill	Proactive; self-driven with strong interpersonal, organizational, and multi-tasking skills. Seizes opportunities to improve the planning and execution of statistical analyses through its life cycle. Provides training and mentor to other team members and wider R&D scientific community in statistical principles and implementation.	
Behaviours	Works cross-functionally building relationships to ensure data packages are within the required standard.	