



Position: Biostatistician

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Required Experience: At least 5 years

Description:

This position is responsible for providing broad statistical support in general and biostatistical support specifically, including study design, protocol development, sample size justification and exploratory and final analyses using SAS or Stata in support of human, toxicological and regulatory R&D groups. The ideal candidate will have some research experience in the pharmaceutical, biotechnology, life sciences, device or manufacturing industries. Outstanding oral and written communication skills are essential.

Principal duties and responsibilities:

- Develop scientifically sound statistical plans for clinical and other study designs and contribute to study design section of protocols.
- Lead statistical method development and programming to address study requirements.
- Interact proactively with internal functional groups and provide consultation to project teams on statistical issues.
- Interact proactively with external vendors on project-related statistical issues.
- Perform appropriate statistical modeling and/or analysis of project data, interpreting statistical results and preparing integrated summaries and collaborating on writing of study reports.
- Perform post-hoc and/or relevant exploratory analyses of data for conference presentations and/or manuscript submissions.

Requirements:

- Ph.D. or MS in biostatistics
- 5+ years experience analyzing life science data
- Well-versed in statistical software for analysis of statistical and biostatistical datasets (particularly, SAS or Stata)
- Experience with design and analysis of clinical trials, epidemiology, biomarker studies, and toxicology studies.
- Familiar with clinical trial activities and basic knowledge of regulatory guidelines.
- Excellent analytical skills with the ability to process scientific and medical data.
- Able to identify data issues and implement solutions.
- Able to work independently.
- Understands medical, toxicological and scientific information.
- Excellent oral and written communication and presentation skills (i.e., capability to understand client needs and to communicate technical concepts clearly, concisely, and understandably to non-statistical colleagues).
- Able to work collaboratively with cross-functional teams.
- Leadership, organizational, and time management skills, with the ability to multi-task.

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Position: Industrial Statistician

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Bonus: Required Experience: At least 5 years

Description:

This position is responsible for providing broad statistical support related to process and product characterization. Support includes consulting with clients, acquiring a basic understanding of the science associated with the client's issues, recommending and developing approaches to experimental design, statistical methods development, data analysis, interpreting statistical results, and recommending actions that add value to the business based on those results. Outstanding oral and written communication skills are essential.

Principal duties and responsibilities:

- Aid clients in developing well-defined objectives and hypotheses.
- Translate client requirements into appropriate statistical methodologies.
- Develop appropriate statistical designs, models, methods.
- Perform statistical analyses using appropriate tools and techniques.
- Interpret statistical results and make recommendations based on those results.
- Effectively communicate results and recommendations.

Requirements:

- PhD (minimum 5+ yrs. experience) or MS (minimum 8+ yrs. experience) in applied or industrial statistics.
- Experience with developing complex experimental designs and application of appropriate analysis tools and techniques.
- Well-versed in statistical software for analysis of process and product related data (particularly SAS or Stata).
- Able to translate client requirements into appropriate statistical methodologies in order to produce relevant results.
- Excellent oral and written communication skills and presentation skills with the ability to communicate effectively at all levels of the organization.
- Able to work independently.
- Able to work collaboratively with cross-functional teams.
- Effectively practices leadership, organizational, and time management skills in an environment requiring multi-tasking.

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Position: Combustion Scientist

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Required Experience: 0 to 2 years

Description:

PhD in Chemistry, Physics or Engineering with an emphasis in Combustion and a strong instrumentation background with 0-2 years experience in related field, postdoctoral experience a plus. Must be able to design and conduct original research in topics related to tobacco combustion in a state-of-the-art laboratory. The successful candidate will work in a cross-functional team environment and have a thorough understanding of combustion phenomena.

Principal duties and responsibilities:

Design and conduct original research which investigates smoke formation in burning tobacco products to ultimately understand the production and control of compounds generated during the combustion process.

- Ability to work independently and in a team environment.
- Strong analytical/problem solving skills.
- Write peer-reviewed articles and/or patents.
- Self-starter with an innovative spirit.

Requirements:

- PhD in Chemistry, Physics or Engineering with an emphasis in Combustion
- 0-2 years experience in tobacco industry or related field
- Superior writing and communication skills. Must be capable of designing and executing original research projects. Must work in a multi-disciplinary environment.

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Position: Combustion Chemist (with Free Radical Experience)

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Required Experience: 0 to 2 years

Description:

PhD in Chemistry, Physics or Engineering preferred, or an MS with commensurate experience in aerosol science or physical chemistry, and 0-2 years experience in a related field. A mechanistic understanding of free radicals is a plus. Must be able to design and conduct original research in topics related to aerosol formation in the smoke stream of burning tobacco in a state-of-the-art laboratory. The successful candidate will work in a cross-functional team environment and have a thorough understanding of the underlying mechanisms of aerosol chemistry and physics.

Principal duties and responsibilities:

Design and conduct original research which investigates smoke formation in burning tobacco products to ultimately understand the production and control of compounds generated during the combustion process.

- * Ability to work independently and in a team environment.
- * Strong analytical/problem solving skills.
- * Write peer-reviewed articles and/or patents.
- * Self-starter with an innovative spirit.

Requirements:

- PhD in Chemistry, Physics or Engineering preferred or a MS with commensurate experience.
- 0-2 years experience in tobacco industry or related field
- Superior writing and communication skills. Must be capable of designing and executing original research projects. Must work in a multi-disciplinary environment.

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Submenu Path – Company/Careers/Current Openings/Job Type: *Science*

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Position: Senior Scientist - Biomarker Method Developer - CVD

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

We are seeking a qualified Senior Scientist - CVD Biomarker Method Developer to join our Research & Development department.

Principal duties and responsibilities:

- Develop and validate human biomarkers of tobacco-smoke related cardiovascular disease (CVD).
- Conduct and collaborate in clinical research to understand tobacco-use related CVD and the risk continuum of existing tobacco products and to assess the impact of potentially reduced risk tobacco products.
- Serve as a key advisor to R&D management and senior scientific staff on CVD.

Requirements:

- PhD in relevant field (analytical biochemistry, toxicology, etc.) required; postdoctoral research experience preferred.
- Biomarker method development and validation. - Pre-existing knowledge of or ability to develop molecular mechanistic insights.
- Training and experience in relevant laboratory techniques.
- Evidence of productive research accomplishments (publications, patents, etc.).
- Ability to work independently and make guided decisions.
- Ability to be a strong contributor to and work collaboratively in multi-disciplinary team environments.
- Ability to think both tactically and strategically.
- Strong oral and written communication skills.
- Leadership, organization, and time management skills.

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Position: Senior Scientist-Biomarker Method Developer - COPD

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

We are seeking a qualified Senior Scientist - Cancer/COPD Biomarker Method Developer to join our Research & Development department.

Principal duties and responsibilities:

- Develop and validate human biomarkers of tobacco-smoke related cancer and/or chronic obstructive pulmonary disease (COPD) and/or oxidative stress.
- Conduct and collaborate in clinical research to understand tobacco-use related diseases and the risk continuum of existing tobacco products and to assess the impact of potentially reduced risk tobacco products.
- Serve as a key advisor to R&D management and senior scientific staff in relevant technical specialty (cancer/COPD/oxidative stress).

Requirements:

- PhD in relevant field (analytical biochemistry, toxicology, etc.) required; postdoctoral research experience preferred.
- Biomarker method development and validation.
- Pre-existing knowledge of or ability to develop molecular mechanistic insights (cancer/COPD/oxidative stress).
- Training and experience in relevant laboratory techniques.
- Evidence of productive research accomplishments (publications, patents, etc.).
- Ability to work independently and make guided decisions.
- Ability to be a strong contributor to and work collaboratively in multi-disciplinary team environments.
- Ability to think both tactically and strategically.
- Strong oral and written communication skills.
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Position: Senior Scientist - Biomarker Method Developer - Oral

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

We are seeking a qualified Senior Scientist - Oral Cavity Biomarker Method Developer to join our Research & Development department.

Principal duties and responsibilities:

- Conduct and collaborate in clinical research to understand tobacco-use related oral biomarkers and oral health and the risk continuum of existing tobacco products and to assess the impact of potentially reduced risk and novel tobacco products.
- Develop and validate human biomarkers specific to the oral cavity.
- Serve as a key advisor to R&D management and senior scientific staff on issues specific to the oral cavity.

Requirements:

- MS or PhD in relevant field (oral pathology, oral biology, oral epidemiology, periodontology, analytical biochemistry, toxicology, etc.) required; post-graduate research experience preferred.
- Ability to identify, analyze, and predict changes in oral diseases and conditions including oral cancer, oral mucosal lesions, periodontal diseases and systemic diseases that affect, and are affected by, oral health.
- Understanding of different oral research models including human, animal, in-vivo, and in-vitro approaches.
- Ability to conduct, interpret, and evaluate epidemiologic investigations and clinical research projects.
- Biomarker method development and validation.
- Evidence of productive research accomplishments (publications, patents, etc.).
- Ability to work independently and make guided decisions.
- Ability to be a strong contributor to and work collaboratively in multi-disciplinary team environments.
- Ability to think both tactically and strategically.
- Strong oral and written communication skills.
- Leadership, organization, and time management skills.

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Position: Senior Microbiologist

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

We are seeking to hire a microbiologist scientist in the Research Department. The qualified individual will conduct independent research and work in a team-oriented environment.

The candidate will serve as an internal 'consultant' on microbial issues and support routine testing. The candidate shall be responsible for new methods development and validation.

Principal duties and responsibilities:

- Identify and respond to microbiological issues using standard (i.e., BAM) and advanced testing methods
- Support routine microbiological testing as needed; strengthen capability to support RJRT across departments & processes.
- Provide guidance for processes and decisions requiring microbial expertise
- Identify & develop appropriate microbiological assays for specific needs.
- Ensure work of the microbiology lab is conducted in accordance with applicable quality system guidelines.
- Maintain interactions with external scientific community.
- Maintain effective communication (written and oral) with all levels of the Company.

Requirements:

- Masters in food microbiology (preferred) or industrial microbiology.
- Standard microbial test methods (i.e., BAM)
- Quality systems (i.e., ISO 17025, GMP, GLP)
- Microbiological food safety regulations, including Hazard Analysis Critical Control Point (HACCP) testing and process sanitation requirements
- Identification & recommendations for manufacturing-related micro issues
- Fermentation & biochemical metabolic processes preferred
- Strong communication skills
- Methods development and validation

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Position: Food Scientist MS or PhD

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

The food scientist will be responsible for designing products and or processes to support the overall strategic direction of the oral tobacco product development group. With moderate to minimal guidance, the scientist must be capable of executing projects which lead to the development of consumer acceptable oral tobacco products. This individual must be able to perform in a highly diverse, multi-functional environment and communicate effectively to deliver against well defined goals. Additionally, it is incumbent upon the individual to utilize sound scientific principles to help define the scientific landscape of a new product category.

Principal duties and responsibilities:

The food scientist must possess excellent project management skills, must be able to design experiments, interpret results and communicate effectively with peers and management. With little guidance, this individual must be able to effectively manage multiple projects and possess good time management skills in order to meet aggressive deadlines. The food scientist must be able to utilize sound scientific principles to provide innovative solutions to complex problems. This position will be responsible for developing innovative oral tobacco products and processes which will likely lead to consumer acceptable offerings and intellectual property which the company will seek to protect through patent disclosures. Good written communication skills will be required as some project work may lead to publication in peer-reviewed venues.

Requirements

- Ph.D or M.S. degree in Food Science
- Experience in the food industry or related field is a plus.
- Good written communication skills. Must be capable of conceiving and executing original research projects. The application of innovative science to supply solutions to complex, multi-disciplinary problems will be a key asset for this position.

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Position: Food Scientist - PhD

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Required Experience: At least 2 year(s)

Description:

The senior R&D food scientist will be chiefly responsible for the development of new oral tobacco prototypes and/or processes which lead to consumer acceptable products. This individual will be responsible for designing, directing, conducting and interpreting scientific studies with the aim of providing innovative solutions to product development or processing questions related to oral tobacco products. In addition, the senior R&D food scientist must be able to effectively collaborate across numerous functional areas to solve problems, provide insight and develop scientific measures to evaluate sensory information. This position also requires the incumbent to interact effectively with consumer marketing to translate consumer trends and perceptions into actionable, milestone driven work programs.

Principal duties and responsibilities:

As a senior scientist, the individual is required to design and execute a comprehensive research program with minimal guidance using advanced scientific principles and/or practices to solve complex and multifaceted problems related to oral tobacco product or process development. The individual must utilize their skills as a foundation to break new ground and define the scientific landscape of a developing product category. The senior scientist must be able to direct and lead colleagues, provide feedback to upper management and author internal and peer-reviewed scientific reports. Additionally, it is expected that much of the research will result in intellectual property which should be protected through patent disclosures. As leader, the senior food scientist must be able to plan and coordinate the logistical support requirements to successfully execute their scientific programs, including defining and managing a program budget.

Requirements:

- Ph.D in Food Science
- 2-5 years experience in the food industry or related field. Relevant experience in the area of food processing techniques is highly desired. A firm understanding of state of the art equipment is also desired. Understanding the relationships between product formulation and sensory attribute response would be beneficial.
- Superior writing and communication skills. Must be capable of conceiving, directing and executing original research projects. Must be able to manage professionals in a multi-disciplinary environment.

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Position: Senior Scientist-Clinical Trial Coordinator

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

We are seeking a qualified Senior Scientist - Clinical Trial Coordinator to join our Research & Development department.

Principal duties and responsibilities:

- Design and conduct clinical trials to assess individual and population exposure to existing, emerging and novel tobacco products.
- Develop and implement innovative and effective strategies for understanding and assessing public health implications of potentially reduced risk tobacco products.
- Direct and coordinate clinical project team efforts according to specific project designs, including business justification, project scope and timeline, protocol development, ethics approval, logistics, resource and budget requirements, final reporting, etc.

Requirements:

- MS or MPH in public health, epidemiology or related field required; significant clinical trial experience or PhD (DrPH) preferred.
- Education and/or experience in the principles of design, implementation and analysis of clinical trials.
- Education and/or experience in fundamentals of public health surveillance or clinical epidemiology.
- Fundamental understanding of basic biological, chemical, toxicological, medical and statistical concepts and principles.
- Ability to work independently and make guided decisions.
- Ability to be a strong contributor to and work collaboratively in multi-disciplinary team environments.
- Ability to think both tactically and strategically.
- Strong oral and written communication skills.
- Leadership, organization, and time management skills.

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Position: Study Director Toxicologist

Details:

Location: NC - Winston-Salem

Required Education: Graduate Degree

Description:

The study director toxicologist will have responsibilities to design, conduct, review, and interpret the results of toxicology studies using laboratory rodents. The study director toxicologist will have responsibilities to conduct studies of acute, subchronic, or chronic durations employing prototypical products, products, or ingredients used in products. Studies will be conducted in concert with a data quality system such as Good Laboratory Practices.

Principal duties and responsibilities:

The study director toxicologist will design and conduct toxicology studies to address product related questions to support product understanding and product stewardship. The study director toxicologist will have knowledge and experience related to the safe handling of laboratory chemicals, experience in the use of laboratory rodents according to accepted practices for the appropriate care and use of laboratory animals, and general familiarity with a wide variety of laboratory instrumentation and assays used to evaluate toxicological responses. The study director toxicologist will have responsibility to provide guidance and feedback to staff involved in the laboratory conduct of studies. The study director toxicologist will be responsible for defining logistical support needs, assist in developing budgetary needs, and overall successful conduct of toxicology studies.

Requirements

- Ph.D. in Toxicology/Pharmacology or related discipline
- General knowledge in the design and conduct of toxicology studies with proven experience in design, conduct, interpretation, and reporting of results. It is expected that the senior staff toxicologist will have 2 or more years of experience in the design and conduct of toxicology studies.
- Effective presentation skills associated with providing oral reports to management regarding progress or outcome of studies is expected. The candidate will be required to provide written updates of progress, summaries of results, and complete quality assured final reports. Experience in the conduct of inhalation or dermal studies with rodents is desired.

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Position: Senior Scientist-Epidemiologist

Details:

Location: NC - Winston-Salem

Required Education: 4 Year Degree

Required Experience: At least 3 years

Description:

We are seeking a qualified Senior Scientist-Epidemiologist to join our Research and Development department.

Principal duties and responsibilities:

- Design and execute projects and collaborate with internal and external teams to develop and employ a broad range of statistical and epidemiologic methods to assess differences in disease rates between tobacco products.
- Conduct and coordinate specialized scientific work requiring independent thought and judgment.
- Ensure that appropriate technical expertise is utilized in epidemiology evaluations and related projects.
- Determine the scope of resources needed and select, organize and direct project teams for specific epidemiology projects

Requirements:

- Degree in epidemiology, biostatistics, public health (with emphasis on environmental epidemiology) or related field required, graduate degree (MS or PhD) preferred.
- Proven track record of independently conceiving and executing epidemiological evaluations using state-of-the-art methodologies.
- Three or more years experience in academia, industry, and/or public sector studying the incidence and distribution of toxicant- (vs. pathogen-) induced diseases, as well as a record of publication in the peer-reviewed scientific literature.
- Experience in population pharmaco-/toxicogenetics and studies of populations and individuals susceptible to toxicant-induced disease preferred
- Well versed in standard software/tools for data-mining, analysis, and modeling of epidemiology information (i.e., SAS, R, Statistica).

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Position: Senior Scientist-Quantitative Health Risk Assessor

Details:

Location: NC - Winston-Salem

Required Education: 4 Year Degree

Description:

We are seeking a qualified Senior Scientist-Quantitative Health Risk Assessor to join our Research and Development department.

Principal duties and responsibilities:

- Design and implement projects related to health risk evaluation of products.
- Provide input and modeling support for ongoing quantitative health risk assessment projects.
- Conduct and coordinate specialized scientific work requiring independent thought and judgment.

Requirements:

- Degree in toxicology, biostatistics, environmental engineering or related field with emphasis on in silico methods required, graduate degree (MS or PhD) preferred.
- Proven track record of independently conceiving and executing human health risk assessments on individual chemicals and chemical mixtures using state-of-the-art risk assessment techniques.
- Well versed in quantitative risk analysis concepts and methods including:
 - Techniques for uncertainty analysis (e.g., classical statistical inference, Bayesian inference, Bootstrap); variability analysis (e.g., second-order models); and, sensitivity analysis
 - Stochastic processes and probability distributions
 - General linear modeling and regression analysis
 - Multivariate statistical techniques
- Three or more years of experience in academia, industry, and/or public sector, as well as a record of publication in peer-reviewed journals.
- Experience in other in silico toxicology techniques such as quantitative structure/toxicity relationships (QSTRs), physiologically-based pharmacokinetic/toxicokinetic (PBPK/TK) modeling, and/or biologically-based dose-reponse (BBDR) modeling preferred.

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Position: Senior Scientist-Toxicologist

Details:

Location: NC - Winston-Salem

Required Education: 4 Year Degree

Description:

We are seeking a qualified Senior Scientist-Toxicologist to join our Research and Development department.

Principal duties and responsibilities:

- Design programs related to the evaluation of complex mixtures using chemistry, and in vitro and in vivo biological systems.
- Develop technical documents on a variety of scientific, risk assessment, and regulatory topics, including toxicological data summaries addressing the materials used in products.
- Interact with internal laboratories and external contract research organizations to ensure that toxicological studies are conducted appropriately and on schedule.

Requirements:

- Degree in toxicology or related field required, graduate degree (MS or PhD) preferred.
- DABT preferred
- Proven track record at independently conceiving and executing toxicological evaluations of complex mixtures.
- Three or more years of experience in academia, industry, and/or public sector, as well as a record of publication in peer-reviewed journals.
- Experience deriving potency factors for chemicals using disparate data sources for multiple exposure routes highly desired
- Ability to independently evaluate toxicological (chemistry and biology) data
- Ability to work collaboratively in a multi-disciplinary team environment

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Position: In Vitro / Smokeless Methods Study Director

Details:

Location: NC - Winston-Salem

Required Education: 4 Year Degree

Description:

We are seeking to hire a research scientist to identify, develop and validate in vitro toxicology assays for product assessment. In addition to expertise in toxicology and cellular/molecular biology, this individual must demonstrate evidence of strong project management skills in order to develop and drive an independent research program.

Principal duties and responsibilities:

- Identify, develop and validate in vitro toxicology assays for product assessment and pre-clinical model development.
- Lead and/or support routine in vitro toxicology assays as needed
- Develop and maintain interactions with external scientific community via participation and presentations at national meetings and publication in peer-reviewed journals.
- Maintain effective communication with management and participate in team-oriented research.

Requirements:

- PhD in toxicology, cell biology or related field with 0-2 years experience. Post-doctoral experience a plus. Or a Masters degree with 3+ years experience.
- Expertise in in-vitro toxicology and cellular/molecular biology. Experience in methods development, validation and application.
- In vitro toxicology including both well-established and next generation assays. Strong foundation in cellular/molecular biology. Knowledge of toxicogenomics. Ability to work well independently and in a team environment. Good oral and written communication skills. Strong organizational skills to be used in project management, methods development and study oversight.

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