AstraZeneca is a global, innovation-driven biopharmaceutical business that focuses on the
discovery, development and commercialization of small molecule and biologic prescription
medicines, pioneering innovative research and exploring novel pathways across key therapeutic
areas, including respiratory, inflammation and autoimmunity; cardiovascular and metabolic disease;
oncology; neuroscience; and infection and vaccines.

But we’re more than one of the world’s leading pharmaceutical companies. AstraZeneca strives to
be a unique workplace culture that inspires innovation and collaboration, where employees are
empowered to express diverse perspectives – and are made to feel valued, energized and rewarded
for their ideas and creativity.

Improving health through great medicines is at the heart of everything we do at AstraZeneca.

We are currently seeking Principal Statisticians to join AstraZeneca. We have immediate
opportunities in our core Therapy Area: Oncology.

As a Principal Statistician in Biometrics & Information Sciences (B&I) – the home of late stage
biometrics at AstraZeneca – you will build on your existing experience and knowledge in Oncology
statistics to play a crucial role delivering one of the most exciting drug portfolios in the industry. As a
core therapy area for AstraZeneca we are developing a highly regarded comprehensive Oncology
portfolio, including in the competitive and exciting ImmunoOncology space. These innovative
therapeutic approaches, and others have the potential to revolutionize how cancer is treated.

As our Oncology portfolio grows so does the Oncology Statistics Team.

As a Principal Statistician you will deliver global submissions and have opportunity to be indication
lead on crucial elements of our pipeline.

Our Therapeutic Area (TA) aligned Statistics groups oversee and deliver the statistical contribution
to design, decision-making, interpretations and communication (internally and externally) of the TA
portfolio and is engaged in shaping the TA external environment. Our Statisticians provide highly
experienced strategic input, statistical expertise, and leadership to project teams in the design and
interpretation of clinical studies and programmes of studies. Statisticians may also lead strategic
capability or business area improvements within the Department.

Our oncology statisticians also have access to support from our Advanced Analytics Center which
houses our statistical innovation, modelling and simulation and design expertise. As part of the
Statistics community and you will join some of the most respected Statistics experts in the industry,
focusussed on outstanding programme design and delivery of the quality information we need to meet
our drug project objectives that drives product development.

B&I drives good design to generate the data needed for quality decision making. The goal of B&I is
to deliver value to the pipeline by excellence in delivery, improving decision making, and engaging
and shaping the external environment whilst accessing and implementing innovative solutions
Successful candidates will be located at one of AstraZeneca’s key strategic science centres in Cambridge, UK or Gaithersburg, MD US

Core Accountabilities & Responsibilities

To lead the strategic, statistical thinking and contributions to the Development Plans, Regulatory Strategy, Health Technology Assessment and Commercial Presentation for indications/projects within an AZ product team.

- Leadership to statistical staff on the indications/projects so that all work is carried out with regards to AZ standards and external regulations
- Through partnership with experts, developing design options and providing high quality decision support to enable the business to make informed decisions
- Quantifying the benefit, risk, value and uncertainty of the emerging product profile.
- Holding CRO/Partners accountable for the high quality standards of their deliverables;
- Represent AZ and Statistics to Health Authorities and Reimbursement/Payer Organizations for specific projects/indications;
- Application of expert skills to investigate, apply novel statistical approaches, for relevant statistical issues and/or regulatory guidance and/or value demonstration.
- Mentor/coach and support the education and training of Statistics staff in the technical arena.

Your Knowledge, Skills & Experience

- MSc/PhD in Statistics or Mathematics(containing a substantial statistical component) with experience in pharma/healthcare or other relevant area
- Oncology experience desired or experience using similar methods applied to Oncology.
- Knowledge of the technical and regulatory requirements related to the role
- Experience of Development, programme design and data analysis and interpretation
- Experience of regulatory interactions and/or submissions
- Excellent communication skills and ability to build strong relationships

Job Dimensions

- Leadership role able to lead and direct elements of project work
- Accountable for the statistical work within the project
- Report to Biometrics Director

Equal Opportunity Employer Minorities/Women/Protected Veterans/Disabled/Sexual Orientation/Gender Identity

https://www.statsjobs.com/jobs/principle-statistician-oncology/