

# Job Description & Person Specification

## JOB DESCRIPTION

Post title:	<b>Lecturer in Statistics</b>		
School/Department:	Mathematical Sciences		
Faculty/Directorate:	Social Sciences		
Career pathway:	Education, Research and Enterprise (ERE)	Level:	5
Job family (*ERE):	Balanced portfolio		
Post title of Line Manager:	Head of Mathematical Sciences, Director of Southampton Statistical Sciences Research Institute (S3RI), Head of Statistics Group in Mathematical Sciences (all level 7)		
Post title(s) responsible for:	Research staff and students, and others assigned by Head of Mathematical Sciences. (levels 4-7)		
Post base:	Office-based (see job hazard analysis)		

Job purpose
<p>To pursue research in one or more of the Statistics research groups within the Mathematical Sciences and S3RI (Design and Analysis of Experiments, Statistical Modelling and Computation, Biostatistics). To enhance the research profile of Mathematical Sciences and S3RI through undertaking internationally excellent research, and obtaining research funding.</p> <p>To contribute to the development and delivery of high-quality teaching of Statistics. To undertake administrative duties within Mathematical Sciences and S3RI.</p>

Key accountabilities/primary responsibilities	% Time
1. Carry out internationally excellent research activity in one or more areas of Statistics. Publication of results in major Statistics journals is required, together with applications for research funding.	40 %
2. Deliver high quality teaching of Statistics modules, including the associated assessment. Development of the Statistics teaching programme within Mathematical Sciences.	30 %
3. Perform supervision of undergraduate and MSc students undertaking projects.	10 %
4. Contribution to the efficient management and administration of Mathematical Sciences and S3RI by performing personal administrative duties as allocated by the Head of Mathematical Sciences.	15 %
5. Any other duties as allocated by the line manager following consultation with the post holder.	5 %

#### Internal and external relationships

The post holder will be an active member of the Southampton Statistical Sciences Research Institute (S3RI).

The post holder will be a member of the School (Mathematical Sciences) Forum, Examination Board and of such School and/or Faculty committees relevant to administrative duties.

New appointees will be assigned a senior colleague to guide their development and aid their integration into the School, Faculty and University.

Research priorities will be agreed within the strategic framework of the Statistics group.

Teaching and administrative duties will be allocated by the Head of Mathematical Sciences under the advice of the Head of Statistics and other members of the Mathematical Sciences School Board (MSSB).

## PERSON SPECIFICATION

Criteria	Essential	Desirable
<b>Qualifications, knowledge and experience</b>	<p>PhD or equivalent professional qualifications and experience in Statistics or another relevant discipline.</p> <p>Experience of teaching at undergraduate and/or postgraduate level.</p> <p>Teaching qualification (PCAP or equivalent).</p> <p>Excellence in research and potential for research leadership in Statistics.</p> <p>Growing and consistent national reputation in Statistics.</p> <p>Ability or potential to deliver high-quality teaching in Statistics, including the supervision of MSc students.</p>	<p>Postdoctoral research experience.</p> <p>Membership of Higher Education Academy.</p> <p>Have an interest in the areas of design and analysis of experiments, statistical modelling and computation, or biostatistics.</p>
<b>Other skills and Behaviours</b>	<p>Able to apply and actively promote equality, diversity and inclusion principles to the responsibilities of the role.</p>	<p>Demonstrate the Southampton Behaviours* and work with colleagues to embed them as a way of working within the team.</p>
<b>Management and teamwork</b>	<p>Ability to provide leadership in relevant areas of Statistics research.</p> <p>Proven ability or potential to manage and deliver own modules and team-taught modules.</p> <p>Proven ability or potential to coach and support students/tutorial groups.</p> <p>Ability to work in a team.</p>	
<b>Planning and organising</b>	<p>Ability to develop and lead a programme of research of international quality leading to publications in major journals.</p> <p>Ability or potential to develop and manage research grant applications to support innovative research.</p> <p>Proven ability or potential in the design of modules, curriculum development and new teaching approaches within the School.</p> <p>Ability to plan and deliver Statistics modules effectively.</p>	
<b>Problem solving and initiative</b>		<p>Ability to seek opportunities to develop joint research programmes with other disciplines or with industry.</p>
<b>Communicating and influencing</b>	<p>Communicate new and complex information effectively, both verbally and in writing, engaging the interest and enthusiasm of the target audience.</p> <p>Track record of presenting research results at group meetings and/or conferences.</p>	
<b>Special requirements</b>	<p>Ability to attend national and international conferences to present research results.</p>	

\*Embedding Collegiality – [Our Southampton Behaviours](#)

Collegiality is a core principle at the University and sits at the heart of everything we do.

## JOB HAZARD ANALYSIS

**Is this an office-based post, with routine hazards?**

<input checked="" type="checkbox"/> Yes	This is an office-based post with routine office hazards (eg: use of VDU), no further information needs to be supplied. Do not complete/remove the section below.
<input type="checkbox"/> No	This is an office-based post with some non-routine hazards (eg: contact with the public and/or shift work). Please complete the analysis below.
<input type="checkbox"/> No	This is a non-office-based post and has some hazards. Please complete the analysis below.

### HIRING MANAGER

Please complete this section as accurately as possible to ensure the safety of the post-holder.

ENVIRONMENTAL EXPOSURES	Occasionally (<30% of time)	Frequently (30-60% of time)	Constantly (> 60% of time)
Outside work			
Extremes of temperature (eg: fridge/ furnace)			
## Potential for exposure to body fluids			
## Noise (greater than 80 dba - 8 hrs twa)			
## Exposure to hazardous substances (eg: solvents, liquids, dust, fumes, biohazards). Specify below:			
Frequent hand washing			
Ionising radiation			
<b>EQUIPMENT/TOOLS/MACHINES USED</b>			
## Food handling			
## Driving university vehicles(eg: car/van/LGV/PCV)			
## Use of latex gloves (prohibited unless specific clinical necessity)			
## Vibrating tools (eg: strimmers, hammer drill, lawnmowers)			
<b>PHYSICAL ABILITIES</b>			
Load manual handling			
Repetitive crouching/kneeling/stooping			
Repetitive pulling/pushing			
Repetitive lifting			
Standing for prolonged periods			
Repetitive climbing (ie: steps, stools, ladders, stairs)			
Fine motor grips (eg: pipetting)			
Gross motor grips			
Repetitive reaching below shoulder height			
Repetitive reaching at shoulder height			
Repetitive reaching above shoulder height			
<b>PSYCHOSOCIAL ISSUES</b>			
Face to face contact with public			
Lone working			
## Shift work/night work/on call duties			

## - HR will send a full PEHQ to all applicants for this position. Please note, if full health clearance is required for a role, this will apply to all individuals, including existing members of staff.