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| Last updated: | <date> |

**JOB DESCRIPTION**

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| Post title: | **Research Fellow** |
| School/Department: |

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| ESPS / Economics |

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| Faculty: | Social Sciences |
| Career Pathway: | Education, Research and Enterprise (ERE) | Level: | 4 |
| \*ERE category: | Research pathway |
| Posts responsible to: | Dr Brendon McConnell, Professor Corrado Giulietti |
| Posts responsible for: | None |
| Post base: | Office-based |

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| Job purpose |
| To undertake research as part of the project “A Unified Approach to Measuring the Costs of Violent Crime Risk” funded by the Economic and Social Research Council. The main duties of the post holder will be to conduct research on the economics of crime. An understanding of recent developments in the fields of the economics of crime, and/or health economics and/or labour economics, as well experience in the econometric analysis of big data are a necessity. The post-holder is expected to disseminate information about the project through electronic and social media as well as in written form. In addition, the post-holder is expected to contribute to the general Departmental activities including seminars, workshops and conferences. |

| Key accountabilities/primary responsibilities | % Time |
| --- | --- |
|  | To carry out literature searches and prepare literature reviews. | 10 % |
|  | Carry out administrative tasks associated with this project, including attending project meetings. | 5% |
|  | To manage large-scale datasets used in the project; e.g. clean and merge datasets, write user guides and archive data as necessary.  | 25% |
|  | To conduct econometric analyses of big data. | 30% |
|  | To assist in the writing of reports, journal articles and policy briefings. | 15% |
|  | To assist in the writing and delivery of presentations for conferences and workshops involving the academic, policy and user community. | 10% |
|  | To work collaboratively with other members of the Department, including contributing to internal research meetings and seminars. | 5% |

| Internal and external relationships |
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| Internal: The post holder will be based in the Department of Economics, within the School of Economic, Political and Social Sciences at the University of Southampton. The post holder will work under the direction of Dr Brendon McConnell and Professor Corrado Giulietti. The post holder will be expected, whenever possible, to contribute to the activities of the Department, including seminar and workshop attendance.External: the post holder will be expected to collaborate with other academics, other partners within the project and potential users of the research to disseminate findings. |

| Special Requirements |
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| Strong quantitative (econometric) skills are required.Knowledge of UK datasets such as Understanding Society The UK Household Longitudinal Study and/or the UK Labour Force Survey, and/or the Zoopla Sold House Prices data, and/or official crime statistics is desirable.Availability to attend national and international conferences for the purpose of disseminating research results.Applications for Research Fellow positions will be considered from candidates who are working towards or nearing completion of a relevant PhD qualification. The title of Research Fellow will be applied upon successful completion of the PhD. Prior to the qualification being awarded the title of Senior Research Assistant will be given. |

**PERSON SPECIFICATION**

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| Criteria | Essential | Desirable | How to be assessed |
| Qualifications, knowledge and experience | Minimum of MSc in EconomicsExperience of conducting literature searches and reviews.Engaged in PhD in Economics (close to submission)Relevant postgraduate experience in the application of quantitative methods and the use of household/ individual level surveysStrong quantitative/econometrics skills | Research interests in the economics of crime, health economics, labour economics  | Application & Interview |
| Planning and organising | Ability to work independently and as part of a team.Ability to work to deadlinesAbility to take on day-to-day responsibility for fieldwork and data analysis |  | Application & Interview |
| Problem solving and initiative | Ability to conceptualise and conduct research under own initiativeAbility to manage large-scale datasets |  | Application & Interview |
| Management and teamwork | Ability to work as part of a team  |  | Application & Interview |
| Communicating and influencing | Excellent verbal and written communication skillsAbility to collaborate in writing research reports, policy briefings, abstracts and articles. | Ability to communicate with others in the research team and the wider Department of Economics | Application & Interview |
| Other skills and behaviours | Advanced knowledge (programming skills) of STATA and/or R and/or Python  | Knowledge of ARCGIS or similar similar platform to analyse spatial data | Application |
| Special requirements |  | Occasional travel within the UK and abroad to attend meetings and conferences. | Application and interview |

**JOB HAZARD ANALYSIS**

**Is this an office-based post?**

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| [x]  Yes | If this post is an office-based job with routine office hazards (eg: use of VDU), no further information needs to be supplied. Do not complete the section below. |
| [ ]  No | If this post is not office-based or has some hazards other than routine office (eg: more than use of VDU) please complete the analysis below.Hiring managers are asked to complete this section as accurately as possible to ensure the safety of the post-holder. |

## - 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.

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| **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  |  |  |  |
| **EQUIPMENT/TOOLS/MACHINES USED** |
| ## 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)  |  |  |  |
| **PHYSICAL ABILITIES** |
| 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 |  |  |  |
| **PSYCHOSOCIAL ISSUES** |
| Face to face contact with public | x |  |  |
| Lone working | x |  |  |
| ## Shift work/night work/on call duties  |  |  |  |