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| Last updated: | <date> |

**JOB DESCRIPTION**

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| Post title: | **Professor of Applied Dementia Research** |
| Standard Occupation Code: (UKVI SOC CODE) | 2311 – Higher education teaching professional |
| School/Department: | School of Clinical & Experimental Sciences |
| Faculty: | Medicine (FMED) |
| Career Pathway: | Education, Research and Enterprise (ERE) | Level: | 7 |
| \*ERE category: | Balanced Portfolio |
| Posts responsible to: | Head of School |
| Posts responsible for: | Academic, research and research support staff and students employed on programmes and awards managed by the post holder |
| Post base: | Laboratory and Office-based |

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| Job purpose |
| Clinical Neurosciences represents a key theme in the Faculty of Medicine, University of Southampton. The Interdisciplinary Dementia and Ageing Centre (IDeAC) is a cross-Faculty group of basic scientists with different areas of expertise, clinicians, engineers, mathematicians, computer scientists with a common goal of a better understanding of the pathophysiology underlying dementia, novel biomarkers and identifying new safe affordable therapeutic strategies. The post-holder will have responsibility for maintaining and enhancing this core area of research excellence in fundamental and translational neuroscience with a focus on dementia. The post-holder will also develop new areas of interdisciplinary research through effective internal (both UoS and UHS) and external collaboration.The post-holder will have a significant national and/or international reputation for leadership and innovation in dementia education and research, characterised by a sustained and continuing track record of academic excellence. The post-holder will both lead and collaborate on submitting major funding bids (e.g. NIHR Infrastructure Bids), securing research funding and attracting high-quality research staff and PhD students.The post-holder will provide effective academic leadership within the School as well as the wider University, undertaking management, research and educational activities, including the supervision of PhD students. They will be able to make judgements at a strategic level and will contribute to the development of the University’s external profile in the UK and internationally. |

| Key accountabilities/primary responsibilities | % Time |
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|  | **Research:**Undertake and provide research leadership in Dementia, coordinating the research strategy of the School in the area. To establish and maintain productive collaborations with academic colleagues, both within and across disciplines, and within and external to the University. Support the development of early career researchers, through creating and supporting publications in top journals. The post-holder is expected to contribute high quality impactful contributions from both a scholarship and practice perspective.Lead major funding bids, securing research funding and attracting high-quality research staff and PhD students. Act as principal investigator on projects, responsible for defining original research objectives, developing and managing staff, and attracting funding through bids and reputation. Develop and oversee the application of innovative and creative research methodologies and techniques that add to the knowledge/understanding.Regularly disseminate and explain research findings either at conferences via publication in leading peer-reviewed journals. | 55% |
|  | **Education:**Deliver an excellent education for students across the Faculty’s Undergraduate, Master’s and Doctoral Programmes. Take responsibility for overseeing, developing and promoting fresh teaching and learning approaches and material, which create interest, understanding and enthusiasm amongst students across the post-holders areas of expertise. Directly supervise students, providing expert advice on learning best practice and helping with learning problems. Identify the learning needs of students and define learning objectives. Promote the use of appropriate media to support student learning. Set and mark coursework and exams, providing constructive feedback to students. | 20% |
|  | **Knowledge Exchange & Enterprise (KEE):**The post holder is expected to establish productive collaborations with academic colleagues, both within and across disciplines, and within and external to the University. To develop productive links with industry, giving opportunities for impact case studies, commercially-funded collaborative research, consultancy, and student opportunities.Engage in external academic activities in accordance with the Faculty /School research and KEE strategic plan and which enhance the School/Faculty national/international research, KEE or executive education profile, e.g., membership of committees of academic bodies, external examining, journal editorships, advisor to governments, member or national or international bodies. | 10% |
|  | **Leadership & Management:**Manage administrative tasks associated with specified research funding, including risk assessment of programme activities, leading project meetings and preparation of annual reports. Management of procedures required to ensure accurate and timely formal reporting and financial control.Contribute to leadership within the School/Faculty and University. In partnership with other members of the School, contribute towards developing School research, education and KEE strategic plans. Contribute to the effective management and administration of the Faculty by performing duties allocated by the Head of School. | 10% |
|  | Any other duties as allocated by the line manager following consultation with the post holder. | 5% |

| Internal and external relationships |
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| * Member of the School/Faculty Boards and Committees relevant to their administrative duties.
* Teaching and administrative duties will be allocated by the Head of School, within the context of the teaching programmes agreed by the School/Faculty.
* The post-holder will develop collaborative relationships in research, education and KEE with academic staff within the Faculty, elsewhere in the University, BRC, UHS and nationally and internationally.
* Develop productive working relationships with Professional service staff.
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| Special Requirements |
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| To attend national and international conferences for the purpose of disseminating research results.  |

**PERSON SPECIFICATION**

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| Criteria | Essential | Desirable | How to be assessed |
| Qualifications, knowledge and experience | PhD or equivalent professional qualifications and experience in a subject area relevant to studying dementia. Detailed knowledge of the central nervous system (CNS) and diseases affecting the CNS. A significant national and international reputation in neuroscience research. Teaching qualification (PCAP or equivalent) A sustained record of excellence in teaching and learning activities. A sustained record of excellence in dementiaresearch activities. Experience of leading laboratory and translational research.  | Membership of Higher Education AcademyMembership of national or international advisory bodies (e.g. Alzheimer’s Society)Experience of winning major funding bids and/or obtaining ethical approval for researchInvolvement in national and international events | Application, interview |
| Planning and organising | Proven ability to champion and oversee key contributions to faculty and/or University research, education and enterprise strategies.Proven ability to lead research activities, grants and/or contracts of national and international importance.Proven ability to lead the development of education strategies in the faculty through ongoing leadership in the dissemination of knowledge and/or curriculum development. |  | Application, interview |
| Problem solving and initiative | Proven ability to implement successful change management initiatives and formulate strategic plans that reflect and support the priority needs of the faculty and University. |  | Application, interview |
| Management and teamwork | Proven ability to oversee people and resource management processes in order to deliver key education, research and enterprise activities.Proven ability to make a sustained contribution to academic leadership at discipline, School/Department and faculty level.Proven ability to demonstrate leadership abilities in Higher Education and to raise performance standards through own work areas.Proven ability to recognise and deal with obstacles and difficulties so that the team can deliver. |  | Application, interview |
| Communicating and influencing | Proven ability to establish and build major relationships with stakeholders.Proven ability to act as the main figurehead for key activities, developing important national and international contacts.Able to contribute to the development of the University’s profile in the UK and internationally.Proven ability to use influence to develop positions or strategies. |  | Application, interview |
| Other skills and behaviours | Compliance with relevant Health & Safety issuesPositive attitude to colleagues and students |  | Application, interview |
| Special requirements | Able to attend national and international conferences as required. |  | Application, interview |

**JOB HAZARD ANALYSIS**

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

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| [ ]  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. |
| [x]  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)  | ✓ (vortex mixer) |  |  |
| **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 | ✓ |  |  |
| Lone working | ✓ |  |  |
| ## Shift work/night work/on call duties  |  |  |  |