## POSITION DESCRIPTION

### Senior Research Associate

<table>
<thead>
<tr>
<th>Faculty/Division</th>
<th>Medicine &amp; Health</th>
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<tbody>
<tr>
<td>Classification Level</td>
<td>Academic B</td>
</tr>
<tr>
<td>Hours &amp; Span (Category)</td>
<td>ACADEMIC POSITION NO SPAN</td>
</tr>
<tr>
<td>Position number</td>
<td>00155327</td>
</tr>
<tr>
<td>Shiftwork status</td>
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<tr>
<td>Allowances</td>
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</tr>
<tr>
<td>On call arrangements</td>
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</tr>
<tr>
<td>Original document creation</td>
<td>4 April 2024</td>
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</tbody>
</table>

### Position Summary

A Senior Research Associate (Level B) is expected to contribute towards the research effort of UNSW at the Centre for Healthy Brain Ageing (CHeBA) and develop their research expertise in epidemiology of dementia (with special expertise in statistics) through the projects relevant to their particular field of research.

The Senior Research Associate will provide research expertise in projects related to epidemiological projects within CHeBA-led consortia as well as other collaborative projects in which CHeBA participates. This includes conducting analyses of datasets of three major longitudinal studies and other associated projects conducted by CHeBA to enhance the scientific output from these studies, establishing a personal research portfolio, and assisting students and other researchers in high level statistical analyses.

The role of Senior Research Associate reports to the CHeBA Co-Director and has no direct reports.

### Accountabilities

Specific accountabilities for this role include:
• Engage in individual and/or collaborative research in a manner consistent with disciplinary practice.
• Create scholarly impact in the discipline which is recognised by peers in the advancement of disciplinary knowledge.
• Conduct research/scholarly activities under limited supervision, either independently or as a member of a team (as per the norms of the discipline).
• Establish a personal research portfolio and start developing independent research proposals.
• Contribute to the development of applications for competitive funding under the guidance of senior colleagues.
• Participate as co-investigator or chief investigator in competitive grant applications, or show evidence of active participation in research collaborations funded by competitive grants.
• Design research projects.
• Mentor and guide students and colleagues and develop the next generation of academics through involvement in supervision of HDRs (as per the norms of the discipline).
• Contribute independently or as a team member in collaborative research with a focus to enhance the quality of research outcomes in the discipline area.
• Participate in and/or present at conferences and/or workshops relevant to the project as required.
• Coordinate and provide analyses of datasets of major consortia, longitudinal studies and other associated studies conducted by CHeBA.
• Contribute to and play a significant role in projects related to the neuroepidemiology of dementia and cognitive ageing and liaise with project/study coordinators, researchers and collaborators.
• Contribute to the Centre’s knowledge of statistical techniques and together with the Co-Director develop and execute high statistical analyses and data manipulation plans for research projects.
• Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.
• Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Skills and Experience
• A PhD in a related discipline, and/or relevant work experience.
• A strong grounding in epidemiology or biostatistics through course work, research or other experience is desirable.
• An excellent academic track record with demonstrated and proven experience in the use of statistical packages such as R, SPSS, SAS, or STATA in performing statistical procedures commonly used in the analysis of behavioural science or medical data such as imputation of missing data, linear mixed modelling, structural equation modelling or twin data analysis.
• Strong analytical and problem-solving skills together with excellent writing skills with demonstrated experience in writing in high quality scientific papers and technical reports.
• Proven commitment to proactively keeping up to date with discipline knowledge and developments.
• Demonstrated track record of publications and conference presentations relative to opportunity.
• Demonstrated ability to understand and deal with several modalities of data, including, for example, health, neuroimaging and genetics data.
• High level communication skills and ability to network effectively and interact with a diverse range of students and staff.
• Demonstrated ability to plan and prioritise work in the context of multiple studies in order to meet deadlines.
• Demonstrated ability to teach, mentor and/or supervise students, as appropriate for a Level B academic position.
• Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
• Evidence of highly developed interpersonal and organisational skills.
• An understanding of and commitment to UNSW’s aims, objectives and values in action, together with relevant policies and guidelines.
• Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

**Pre-employment checks required for this position**

- Verification of qualifications

**About this document**

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.