



UNIVERSITY OF
LINCOLN

UNIVERSITY OF LINCOLN JOB DESCRIPTION

JOB TITLE	Post Doctoral Research Associate: "Sticky eyes" Project				
DEPARTMENT	School of Psychology, Sports Science and Well Being				
LOCATION	Lincoln Campuses				
JOB NUMBER	CHS211	GRADE	7	DATE	April 2025
REPORTS TO	Prof. Timothy Hodgson				

CONTEXT

The post holder will join an exciting multi-disciplinary team based at the University of Lincoln researching the development of oculomotor control in children led by [Prof. Tim Hodgson](#). The Sarah Swift Building on the Brayford Campus in the centre of the Cathedral city of Lincoln, benefits from purpose built laboratory spaces for psychology, including Eyelink 1000, Tobii glasses and Tobii Spectrum eye tracking systems and Biosemi Active EEG system. Outstanding facilities for research in developmental and cognitive neuroscience are supplemented by links to researchers in other parts of the university (e.g. education, life sciences and computer science) and local schools. The 3-year Leverhulme Trust funded "sticky eyes" project aims to investigate how brain centres underlying eye fixation control develop in children and how this impacts on their ability to perform tasks such as visual search and reading. Difficulties in disengaging visual fixation are a salient but under-appreciated aspect of children's eye movements.

JOB PURPOSE

The Post Doctoral Research Associate is responsible for conducting research on the project, as directed by the Principal Investigator, and is expected to operate with a significant degree of autonomy. They are not expected to operate as an independent researcher.

The post holder may be required to help supervise the work of more junior researchers.

KEY RESPONSIBILITIES

Literature Reviews
Undertake literature surveys and other investigations of and prepare review publications as required for the research project.
Programme of Research
<p>Undertake a programme of research under the direction of the Principal Investigator, demonstrating a significant level of autonomy. Programme experiment presentation software for eye gaze tracking and ERP studies. Data analysis of eye tracking and ERP data. Statistical analysis of findings using SPSS or R software.</p> <p>Lead in the production of high-quality research outputs, including reports, papers and other publications of national/international standing and conference presentations and national and international meetings</p>
Project Management
Perform project management activities, planning, scheduling, monitoring and reporting on progress of research projects. Preparation and submission of research ethics review applications. Recruitment of research participants.
Liaison and Networking
Identify and liaise with internal and external collaborators, and with colleagues in the Department, maintaining positive and effective working relationships. Liaising with teachers at local schools.
Internal Research Activities
Participate in and help to organise internal research activities, including seminars, research meetings and conferences.
Continuous Professional Development
Undertake continuous professional development activities.
Grant Applications
Contribute to the production of future research grant funding applications.
Teaching Support
<p>Engage in teaching support activities, up to a maximum of six hours per week, possibly including leading a small number of units (no more than two per annum).</p> <p>Aid in the supervision of postgraduate research students.</p>

In addition to the above, undertake such duties as may reasonably be requested and that are commensurate with the nature and grade of the post.

ADDITIONAL INFORMATION

Scope and dimensions of the role
<p>The post-doctoral research associate will take the lead in a proposed “real world” gaze tracking study of children in primary school classrooms (ranging from 4 to 11 years old). They will also develop and conduct an Event related potential study of the fixation overlap effect in adults and children. The associate will also support studies of eye movements in visual search and reading to be conducted at the annual Lincoln Summer Scientist Week, a public engagement and participation event for primary school aged children. Support for attendance and presentation at one national and one international conference is provided and the associate will be expected to draft publications arising from the project research.</p>

Key working relationships/networks	
Internal	External
<ul style="list-style-type: none">• Principal Investigator• Head of Research Centre• Head of School• Other research and academic staff within the school	<ul style="list-style-type: none">• Research collaborators• Sponsors and clients• Local schools and teachers



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UNIVERSITY OF LINCOLN PERSON SPECIFICATION

JOB TITLE	Post Doctoral Research Associate	JOB NUMBER	CHS211
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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
Qualifications:		
PhD or equivalent (good candidates may be accepted with a PhD pending, subject to publication record)	E	A
Extensive knowledge specific to project/area	E	A/I
Experience:		
Extensive experience of relevant research methods	E	A/I
Authorship of research outputs of national/international standing	E	A/I
Experience of research in specific project area	E	A/I
Teaching support	D	A/I
Skills and Knowledge:		
Ability to design, conduct and project manage original research in the subject area	E	A/I
Excellent written communication, including the ability to write reports and research outputs	E	A/I
Ability to prioritise own workload and work to specified deadlines under pressure	E	A/I
Ability to communicate complex subjects orally	E	A/I
Skills specific to project/area	E	A/I
Competencies and Personal Attributes:		
Flexible approach to workload	E	I
Ability to work on own and as part of a team	E	I
Enthusiasm and commitment	E	I

Essential Requirements are those, without which, a candidate would not be able to do the job. **Desirable Requirements** are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

Author	Timothy Hodgson	PBP	AG
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