

PGTA Project Proposal

Discipline:	Psychology / Skill acquisition / Motor Control
Project Title:	Perceptual and agility training to enhance return of serve in wheelchair tennis.
Supervisory Team:	Dr Robin Jackson Prof Vicky Tolfrey
Summary of proposed project:	<p>Following on from recent and ongoing projects focused on the biomechanics of serves and perception of serve type/direction in wheelchair tennis, this project will focus on designing interventions to improve the return of serve. Interventions will focus on (1) improving players' ability to identify serve direction from early (pre-contact) kinematic information, and (2) improving players' agility to get into position to make an effective return. Alongside shorter interventions over several weeks, a longitudinal study will track players' improvements in anticipation skill, reactive agility, and on-court performance over three to five years. We expect to have the support of the Lawn Tennis Association for this project (to be confirmed) and the person will be a member of the Peter Harrison Centre for Disability Sport.</p> <p>https://www.lboro.ac.uk/research/phc/</p>
Required skills, experience, and/or education:	<p>Good inter-personal skills, experience in teaching in sport psychology or a related field.</p> <p>First Class Degree or Master's degree in a related field.</p>
Link to School research theme:	Sport Performance