

JOB DESCRIPTION

JOB TITLE	Biomechanic Technician (British Athletics) (12-month Fixed Term)
SALARY	£24,182
GRADE	H
HOURS	37
LOCATION	Loughborough High Performance Athletics Centre. The UK Sports Institute / British Athletics may require you to travel nationally and internationally to help support competitions and prep camps.

ROLE SUMMARY

The UKSI and British Athletics have an exciting opportunity for a Full-time, Biomechanic Technician working as part of a multi-disciplinary team to create a world-class high-performance environment.

Working within the British Athletics Performance Support team and the UK Sports Institute technical interface you will help facilitate the day-to-day biomechanical capture of athletes to enhance and impact the performance of the British Athletics programme.

KEY RESPONSIBILITIES

- Deliver “front-line” biomechanical support for domestic and international competitions and training, including video/data capture and preparation, to enhance the coaching process for all Olympic programmes.
- Build and maintain effective working relationships with British Athletics practitioners, national UKSI biomechanics practitioners and local UKSI site staff.
- Monitor and help maintain relevant technical equipment and software.
- Work within the rules of the relevant governing body’s (eg. NGB, BOA, UK Sports Institute) Code of Conduct, standards and guidelines.
- Support performance projects through working collaboratively with UKSI core teams, and with external partners and/or UK Sport.
- Contribute to validity and reliability research across the UKSI biomechanics team and its high-performance centres.
- Work collaboratively within the UK Sports Institute, with external partners and UK Sport to meet the needs of performance and amplify the impact of biomechanics support.
- Contribute to knowledge development, aggregation and sharing across the organisation to support the development of world class biomechanical services and the high-performance system.

ROLE DIMENSIONS

REPORTS TO	Senior British Athletics Biomechanist / UKSI Technical Lead
DIRECT REPORTS	N/A
BUDGET ACCOUNTABILITY	N/A

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KEY RELATIONSHIPS

- British Athletics Performance Staff
- UKSI Biomechanics team
- British Athletics National Coaches
- Heads of Performance Support

- UKSI Performance Support Team members
- UKSI Technical Lead(s)
- UKSI Performance Analysis & Data Community network

PERSON SPECIFICATION

COMPETENCY AREA	ESSENTIAL / DESIRABLE	ASSESSED BY
Qualifications		
Degree (or equivalent) in sports science, or data science or related subject, specialising in biomechanics	Essential	Sight of certificates
Postgraduate qualification (or working towards) specialising in biomechanics, or in a related subject area.	Desirable	Sight of certificate
Experience		
Experience of providing biomechanical services within a performance support team to support coaches and athletes. This should include the capture, analysis, and reporting of kinematic and kinetic data.	Essential	Application / Interview
Experience of providing biomechanical support at domestic or international competitions or preparation camps	Desirable	Application / Interview
Experience of handling biomechanical data throughout the data life cycle from capture, structure, and preparation, through to appropriate analyses and visualisation to answer performance questions	Essential	Application / Interview
Knowledge and Skills		
An understanding of the needs of athletes and coaches in high-performance environments and a good understanding of the coaching process in theory and in practice	Essential	Interview
Ability to foster productive relationships with coaches, athletes, and performance support team members	Essential	Interview
Ability to problem solve, troubleshoot, and make effective decisions under pressure	Essential	Interview
Ability to work independently and take accountability for service delivery.	Essential	Interview
An understanding of how data & insights can be effectively integrated into high-performance programmes and an ability to effectively communicate complex data to variety of audiences	Essential	Application / Interview
Good knowledge of data & video analysis systems and software packages and their applications	Essential	Application / Interview

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COMPETENCY AREA	ESSENTIAL / DESIRABLE	ASSESSED BY
Proficient skills in Microsoft Office, Dartfish, Quintic, Tableau, or equivalent	Desirable	Application / Interview
An understanding of biomechanical principles relevant to athletics	Desirable	Application / Interview
Other		
Ability to work irregular and unsocial hours as required involving working outside normal office hours (evenings, weekends, bank holidays)	Essential	Interview
Ability to travel both nationally and internationally when required	Essential	Interview
May be required to work with athletes under 18 (DBS check required)	Yes/No	

All UKSI practitioners are expected to engage with and support training and professional development in anti-doping, i.e., Introduction to Clean Sport, safeguarding and GDPR. Practitioners are also expected to adhere to all UKSI policies and procedures and show commitment to promoting and supporting equality, diversity, and safeguarding within sport.

END OF JOB DESCRIPTION