



ROLE PROFILE

Data Transformation Project Lead

Status: Full time, Permanent

Reporting to: Senior Research Fellow

Department: Helipad Operations

Location: Helipad, RLH and Mansell Street, London E1

London's Air Ambulance Charity

Every second of every day, London's Air Ambulance delivers rapid response and cutting-edge medical care to save lives in the city.

Critical injury can happen to anyone, at any time. It is the biggest killer of people under 40.

We bring the hospital emergency department to the scene, delivering life-saving treatment to the 10 million people who live and work in London.

The service was established by a group of committed, determined and pioneering medics.

They saw that people were dying before they could get to hospital. They understood that every second counts.

Today, treating patients before they get to hospital has been transformed into an established medical discipline. We have a reputation as a world leader of rapid response medical care.

We have provided support to the capital in times of great need such as London Bridge, the Grenfell Tower fire and 7/7 bombings.

We are proud to count a number of "firsts" during our time:

- The first survivor of open-heart surgery at the roadside;
- The first to use life-saving REBOA procedure at the roadside;
- The first to carry out blood transfusions at the roadside.

Our pioneering spirit continues to drive us to understand what more we can do to save lives.

Our Vision is to end preventable deaths in London from severe injury.

Our Mission is to save more lives in London through rapid response and cutting-edge care.

Our Values are:

Compassionate

We care about people and put them at the heart of everything we do. We are kind, respectful and always keen to listen to feedback.

Courageous

We are prepared to achieve our mission in challenging environments. We are authentic, honest and not afraid to challenge and take calculated risks.

Pioneering

We embrace and lead change through our innovation and creativity. We are constantly learning, both from our successes and from our failures to make sure we are always striving to improve.



Job Purpose

We are seeking an exceptional individual to join our operational team who will lead in transforming our data systems to make a step change in the way in which data leads our future innovation.

Our service has been at the forefront of defining excellence in the delivery of care to injured patients in the pre-hospital phase. Novel innovations have targeted those most at risk of dying prior to arrival in hospital. This new post will help us define an ambitious future vision for these patients with a potential impact on many lives in the years ahead.

About You

You will have considerable experience working with different databases, delivering data solutions in accordance with organisational strategies, as well as being a good communicator who can liaise with colleagues at all levels. Ideally you will have worked in a fast-paced environment at a time of change, using project skills to overcome challenges both technical and logistical. Ideally, you will also have had experience in working with NHS data. You will be required to work alongside and in conjunction with NHS data personnel, and the helipad-based Patient Development Nurse for HEMS.

Your approach to problem-solving will be logical and detailed. You will be able to influence decisions with an evidence-based approach and be able to articulate business requirements in both technical and non-technical language.

Key Working Relationships

Internal:

Senior Research Fellow, Deputy Chief Executive Officer, Lead Clinician
Patient Development Nurse
LAA Clinicians, paramedics and support staff, Barts Trust and LAS
Helipad Team,

External:

Researchers, delivery teams and R&D offices at NHS Trusts,
Hyland Software

Key Responsibilities

Data Development

To work with the operational teams and Charity to define and deliver the capability of our data systems.

- Integrate the various data sources into a single accessible data source area for collection, analysis and research purposes; implementing processes to meet the needs of users, including training and process documentation.
- To be a custodian of information governance, ensuring effective data management procedures are implemented consistently and reviewed regularly.
- Protect patient information and data in accordance the Data Protection Act and other statutory and NHS standards and regulations.
- Perform and document procedures for data preparation including data cleaning, standardisation and data error issues.
- To liaise with the suppliers/owners of databases used regarding maintenance and other requests for technical support and advice where necessary.



Data Reporting, Analysis and Insight

- To ensure data availability for operational performance and present to the operational team at regular intervals, supporting reporting against NHS and Charity KPIs.
- To work with the clinical team to establish core data for audit and scrutiny
- To work with our research team to create a data platform from which research can flourish
- Assist staff with formulation and design of data/analytical based queries to support insight and development of service improvement initiatives.

Data Collection – working alongside the Patient Development Nurse for HEMS:

- Ensure quality / timely data collection to deliver accuracy, consistency and security of data.
- Implement and review data collection policies, procedures and processes in line with Barts NHS, regulatory change and best practice.
- To assist the timely capture of clinical data from source documentation i.e. from medical notes, paper based record sheets, other data sources, ensuring the data is accurately entered into the appropriate data base.

Skills/Knowledge/Experience/Qualifications

Essential = E Desirable = D		E or D
Qualifications and knowledge	Undergraduate degree in a relevant subject	E
	Masters level training including research methods or a relevant area	D
	PhD and/or equivalent professional experience	D
	Leadership qualification or evidence of experience	D
	Experience in managing large datasets	D
	Experience with customising and implementing database solutions	E
	Experience with data searches and report development	E
	Experience with SQL server databases	E
	Ability to identify and resolve problems that impact on data quality	E
	Ability to organise and prioritise own work	E
	A high level of attention detail in order to deal with and process large and diverse datasets	E
	High level of computer literacy, including MS office applications	E
	Good analytical skills	E
	Excellent communication skills	E
		E
Knowledge, Skills and Experience		



Essential = E Desirable = D		E or D
	<p>Effective team working and interpersonal skills with the confidence to raise challenges to work plans, as well as identify and address issues/ bottlenecks</p> <p>Willingness to work flexibly and outside of normal working hours to meet deadlines</p> <p>Detailed knowledge of the legal, regulatory and ethical framework in which medical / healthcare research is conducted, and the implications of non-compliance</p> <p>Clinical research and study data management skills gained through conducting or supporting trials, preferably internationally</p> <p>Understanding of statistical packages (for example SPSS, Stata, SAS or R)</p> <p>Experience of data management and coding in a health-related field</p>	<p>E</p> <p>E</p> <p>E</p> <p>E</p> <p>D</p>
Personal development	<p>Portfolio evidence demonstrating no concerns with personal development</p> <p>Evidence of a passion for excellence in reaching professional goals</p> <p>Evidence of a high level of motivation to make improvements and transformations</p>	<p>E</p> <p>E</p> <p>E</p>
Communication	<p>Communicates exceptionally well, demonstrating an ability to build collaborations with colleagues and key stake-holders</p>	E

The above list is not exclusive or exhaustive and the job holder may be required to undertake such other duties as may reasonably be required.

You will be required to have a Barts NHS Honorary contract to work with patient data. This role is dependent upon meeting this requirement.

Equal Opportunities Policy

London's Air Ambulance Limited is committed to eliminating any discrimination and promoting diversity and equality of opportunity in all it does. It is therefore London's Air Ambulance Limited's commitment to provide equal opportunities in employment and we will not unlawfully discriminate against job applicants, employees of the Company, volunteers, workers or contract workers on the grounds of their age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race (which includes colour, nationality and ethnic or national origins), religion or belief, sex or sexual orientation (unless, as in the case of pilots or fire crew physical fitness is essential to the performance of their duties).