

SW GMSA Clinical Leads Role Descriptions

Clinical Leads Advert	2
Research Director.....	3
Cancer Leads	7
Rare Disease Lead (Adult Onset).....	10
Primary Care Leads	13

Clinical Leads Advert

The South West Genomic Medicine Service Alliance (GMSA) will be at the heart of delivering a modern, personalised healthcare system resulting from the genomics revolution. It is a new transformational service delivering the NHS England national strategy for genomics, and is the first service of its kind globally. An exceptionally skilled leadership team is required to build this enterprise at the same time as ensuring delivery of the benefits already available from genomics, consistently, to the population of the South West. With the appointment of our Clinical Director we are now looking to appoint to a number of sessional leadership roles. These posts will form part of the leadership Team for the GMSA leading engagement and service development in their area of expertise, and will engage with other leaders across England in developing the Genomic Medicine Service and its strategy. Experience of managing teams and the ability to lead in your specialty area is imperative along with knowledge of genomics as a practicing clinician.

The leadership roles we are appointing to are:

- Research Director – 2 PAs
- Cancer Genomics – 2 posts at 2 PAs
- Rare Disease Genomics (Adult Onset) – 2 posts – 2 PAs
- Primary Care Genomics – 2 posts – 1 PA

One post each for the north and south of the South West

All applicants should be working in a local NHS trust or academic institute. The roles will require travel across the South West and to national meetings (when this is possible).

Application

Please send your CV and with a description of your suitability for the role you are applying for to

Jonathan Miller, Interim Programme Director, (jonathan.miller@nhs.net 07909 914296).

Closing date 27 June 2021

Interviews will be week of 12 July 2021

Jonathan can also arrange for a discussion of the role with our Clinical Director and other members of the GMSA Leadership Team.

Research Director

2 PAs

Job title	Research Director South West Genomic Medicine Service Alliance (SW GMSA)		
Pay band	Medical Leader	Responsible to	Clinical Director, South West GMSA
Hours	2 PAs	Responsible for	Setting the strategic direction and leading all research aspects of GMSA
Tenure	Secondment Four years plus 1 year extension by mutual agreement	Base	Agile Ability to travel to sites across the SW Genomics Alliance
Funding Arrangements	Programme Funded		

The South West Genomics Medicine Service Alliance (GMSA) will be at the heart of delivering the modernised, personal healthcare that is coming as a result of the genomics revolution. It is a new enterprise for delivering the NHS England national strategy for genomics. An exceptionally skilled leadership team are required to build this new enterprise at the same time as ensuring delivery of the benefits already available from genomics, consistently, to the entire population of the South West.

The *Research Director* of the GMSA will lead the Research work of the GMSA and be a part of the wider GMSA Leadership Team.

Role Description

The *Research Director* will

- Enable collaborative working to support and enable increasing volumes of high-quality genomic research in the NHS
- Facilitate access to new genomic data created by the NHS GMS and enable research to be delivered at scale and speed.
- Receive and review proposals and creative collaborative bids, support identification of unmet need, support commissioning through evaluation projects and respond to emerging technologies
- Identify the need and opportunities to support further development of genomic medicine in the NHS.
- Develop a research strategy for the South West that continuously enhances genomics research in the South West by:
 - Increasing access for patients across the SW to established research programmes.
 - Rapidly adopting new national programmes of genomics research for the benefit of patients in the SW.
 - Develop an innovation strategy to identify, embed and promote best practice.
 - Drive unique translational opportunities and equitable access to clinical trials

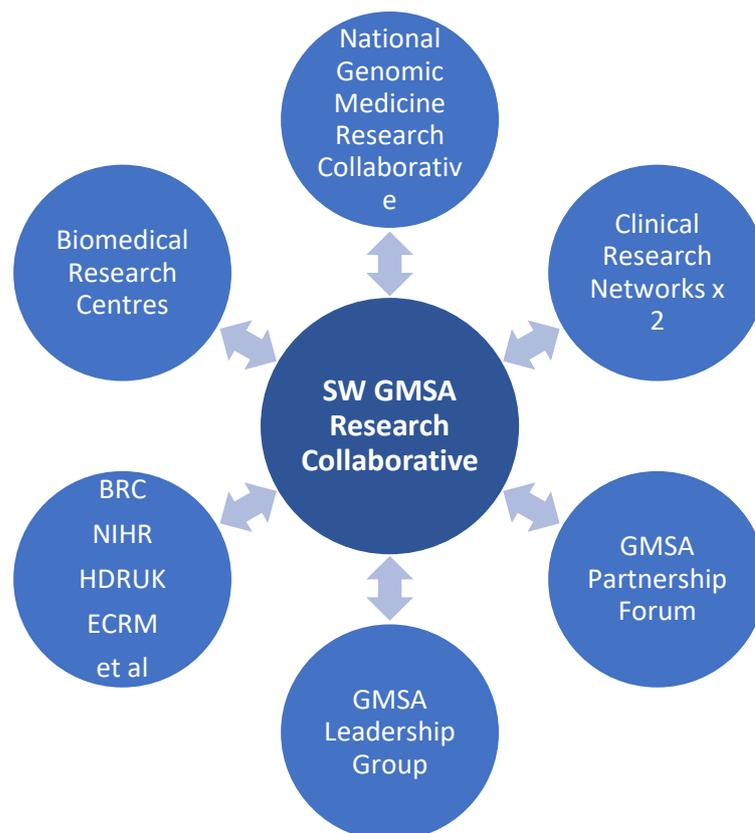
South West Genomics Research Collaborative

- The Research Director will establish and lead the South West Genomic Research Collaborative (SWGRC). This will include local R&D teams, Clinical Research Networks, Academic Health

Science Networks and academia to create a genomic research collaborative that will that maximise the opportunities genomics research in the South West

- The SWGRC will be the interface between the GMSA Board and the national NHS Genomic Medicine Research Collaborative, thereby connecting SW research partners to national priorities.
- The SWGRC will coordinate a basic science, translational and clinical activity and will promote new research to maximise research potential and align with areas of greatest clinical need. This will be achieved by leveraging new funding and by promoting collaborations with commercial and academic research partners, other GMSAs and the NIHR research infrastructure. Research promotion will include specific transformational projects and acceleration of recruitment of SW patients into genomic NIHR CRN and BRC trials.
- The SWGRC will also utilise local research expertise to promote and engage in new primary research.
- The Research Director will represent the SW GMSA at the national *NHS Genomic Medicine Service Research Collaborative – Steering Committee*

GMSA Research Collaborative as an Interface



Research Access to Data

- The *Research Director* will coordinate requests from researchers to SW Genomics Laboratory Hub for data to be used in research.

Enabling patient and public involvement in research

- The *Research Director* will work with Regional research PPI leads and groups to support effective delivery of research

- To develop appropriate and effective mechanisms to ensure that the public, and patients accessing genomic services, have their voices heard in the set up and delivery of services and in any research projects and initiatives.
- The *Research Director* will be responsible for establishing a monitoring and reporting mechanism for local research. The Alliance Comms Lead will develop an Engagement Strategy to support the integration of genomic medicine research in clinical practice. This will be informed by the work of our PPI group.
- The *Research Director* will utilise expertise and relationships built in the 100,000 Genomes Project to embed and develop patient choice and the research offer as Whole Genomes Sequences goes live.

Supporting the multi-professional workforce to use genomics safely, effectively and efficiently

- The SW GMSA will develop and expand educational opportunities for staff both directly and indirectly involved in genomic medicine in both secondary and primary care that will include supporting engagement in research. The *Research Director* will engage with and support these GMSA activities.

Governance

- The *Research Director* will represent GMSA Research at the SW GMSA Board and sub-groups.
- The *Research Director* will represent the SW GMSA at national meetings, including the NHS Genomic Medicine Research Collaborative

National Genomic Research Deliverables

Section	Deliverable	Deliverable detail
Priority 2 – Retaining and building the trust of people and communities in genomics	Implementing the patient choice framework	Have a mechanism in place to monitor, identify and agree action to address any issues related to uptake of the research offer in the patient choice discussions.
Priority 6 - Maximising opportunities to facilitate and participate in research and innovation	NHS Genomic Research Collaborative	Have identified a lead for the NHS GMS Alliance to represent at meetings of the NHS Genomic Research Collaborative
	NHS Genomic Research Collaborative	Create effective genomic research networks across the NHS GMS Alliance geography
	NHS Genomic Research Collaborative	Establish metrics to demonstrate the NHS GMS Alliance contribution and commitment to emerging projects and initiatives and to mapping the genomic research and innovation landscape in the NHS

Person Specification

- Hold a substantive appointment or honorary contract as a medical consultant in one of the NHS Trusts or Universities in the SW GMSA.
- Experience of managing teams.
- Advanced knowledge of genomics
- Extensive track record in research and innovation.

- Experience of teaching and training.
- Excellent motivational, communication and organisational skills.
- Ability to influence peers.
- Experience of engagement with executives of organisations.

Cancer Leads

Two posts at 2 PAs each

Job title	Cancer Lead South West Genomic Medicine Service Alliance (SW GMSA)		
Pay band	Medical Leader	Responsible to	Clinical Director, South West GMSA
Hours	2 PAs	Responsible for	Mainstreaming cancer genomics, and supporting clinical pathways
Tenure	Secondment <ul style="list-style-type: none"> Four years plus 1 year extension by mutual agreement One year, plus 3 years extension by mutual agreement 	Base	Agile Ability to travel to sites across the SW Genomics Alliance
Funding Arrangements	Programme Funded		

The South West Genomics Medicine Service Alliance (GMSA) will be at the heart of delivering the modernised, personal healthcare that is coming as a result of the genomics revolution. It is a new enterprise for delivering the NHS England national strategy for genomics. An exceptionally skilled leadership team are required to build this new enterprise at the same time as ensuring delivery of the benefits already available from genomics, consistently, to the entire population of the South West.

The *Cancer Lead* of the GMSA will lead the work of mainstreaming genomics in the delivery of cancer care and its extension to support those affected by inherited cancer risk. The *Cancer Lead* will be a part of the wider GMSA Leadership Team.

Role Description

The *Cancer Lead* will

- Develop and implement the GMSA strategy for cancer genomics that will standardise and embed genomics into cancer care pathways. This will include assessing the impact of genomics on patient care.
- Work closely with GLH cancer colleagues to ensure that up-to-date information is available for referring cancer teams.
- Lead nationally and locally agreed cancer genomic transformation to embed genomics as standard of care, such as access to whole genome sequencing, gene panel and germline cancer testing.
- Work with providers across the South West and inform the development of local clinical pathways.
- Provide clinical leadership and coordination across the Cancer Alliance geography.
- Lead patient and public involvement in cancer genomics.
- Initiate new ways of working between organisations.
- Identify, influence and collaborate with the two South West cancer alliances to provide expert advice to deliver redesigned and sustainable care pathways.

- Deliver elements of the GMSA education and communication programme.
- Promote research and innovation
- Chair/Co-Chair the GMSA Cancer Group.
- Responsible for/Attend the SW Genomics Tumour Advisory Board as a core member.
- Promote system-wide clinical thinking across all workstreams focusing on people and care pathways.

Governance

- The *Cancer Leads* will represent the GMSA at relevant local and national forums.

National Genomic Deliverables – Cancer Subset

Section	Deliverable	Deliverable detail
Priority 3 – Strengthening partnerships across the geography	Provider engagement across the Alliance Network	Have begun operating the NHS GMS Alliance Network to actively engage with all providers and other NHS organisations and networks across the Alliance
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Lynch syndrome	Work with the NHS GLHs to ensure pathways are in place to identify individuals with Lynch syndrome.
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Data collection	Put in place a mechanism to monitor delivery and equity of access to where genomic testing influences personalised treatments and interventions, using existing data sets and working in collaboration with existing oversight committees, such as the Regional Medicines Optimisation Committee
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	DPYD	Support the introduction of DPYD testing in-line with updates to the National Genomic Test Directory
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Supporting clinical genetics	Work with existing services to begin to develop coordinated ways of working across the geography to support broader provider access and to widen the involvement of other clinical specialities and services
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Supporting clinical genetics	Support NHS England and NHS Improvement to define criteria for access to clinical genetics by other specialities and support the development of appropriate referral pathways that are sustainable for future service demands.

Person Specification

- Hold a substantive appointment or honorary contract as a medical consultant in one of the NHS Trusts in the SW GMSA
- Experience of managing teams.
- Advanced knowledge of genomics

- Participation in research and clinical audit.
- Experience of teaching and training.
- Excellent motivational, communication and organisational skills.
- Ability to influence peers.
- Experience of engagement with executive leads of Trust organisations.

Rare Disease Lead (Adult Onset)

2 PAs

Job title	Rare Disease Lead (Early Years) South West Genomic Medicine Service Alliance (SW GMSA)		
Pay band	Medical Leader	Responsible to	Clinical Director, South West GMSA
Hours	2 PAs	Responsible for	Setting the strategic direction and leading all Rare Disease (Adult Onset) aspects of GMSA
Tenure	Secondment Four years plus 1 year extension by mutual agreement	Base	Agile Ability to travel to sites across the SW Genomics Alliance
Funding Arrangements	Programme Funded		

The South West Genomics Medicine Service Alliance (GMSA) will be at the heart of delivering the modernised, personal healthcare that is coming as a result of the genomics revolution. It is a new enterprise for delivering the NHS England national strategy for genomics. An exceptionally skilled leadership team are required to build this new enterprise at the same time as ensuring delivery of the benefits already available from genomics, consistently, to the entire population of the South West.

The *Rare Disease Lead (Adult Onset)* of the GMSA will lead the work of mainstreaming genomics in the delivery of patient care for adult-onset genetic disorders. The *Rare Disease Lead (Adult Onset)* will be a part of the wider GMSA Leadership Team.

Role Description

The *Rare Disease Lead (Adult Onset)* will

- Develop and implement the GMSA strategy for Rare Disease genomics for genetic disorders diagnosed in adolescents and adults. The strategy will ensure standardisation and embedding of genomics across medical pathways.
- Work closely with South West Genomic Laboratory Hub (GLH) rare disease colleagues to ensure that up-to-date information is available for referring medical teams.
- Identify, influence and collaborate with the local clinical networks to provide expert advice to deliver redesigned and sustainable care pathways for delivery of nationally agreed priority areas, such as access to whole genome sequencing.
- Contribute to and support nationally and locally agreed rare disease genomic transformation projects, as required such as monogenic diabetes, sudden cardiac death and familial hypercholesterolaemia.
- Work with providers across the South West and inform the development of local plans.
- Provide clinical leadership and coordination across the Alliance geography.
- Initiate new ways of working between organisations.
- Deliver elements of the GMSA education and communication programme
- Co-Chair the GMSA Rare Disease Group
- Promote system-wide clinical thinking across all workstreams focusing on people and care pathways

Governance

- The *Rare Disease Lead (Adult Onset)* will represent GMSA at relevant local and national forums.

National Genomic Deliverables – Rare Disease Subset

Section	Deliverable	Deliverable detail
Priority 2 – Retaining and building the trust of people and communities in genomics	Implementing the patient choice framework	Have a mechanism in place to monitor, identify and agree action to address any issues related to uptake of the research offer in the patient choice discussions.
Priority 3 – Strengthening partnerships across the geography	Provider engagement across the Alliance Network	Have begun operating the NHS GMS Alliance Network to actively engage with all providers and other NHS organisations and networks across the Alliance
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Familial Hypercholesteremia	Working with the NHS GLHs and other system partners develop a plan to support the identification of individuals at-risk of Familial Hypercholesteremia to support the NHS GLH to increase the identification of people with Familial Hypercholesteremia, including ensuring end-to-end care pathways are in place to follow up the patient and family members
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Sudden cardiac death	If required, actively contribute to the pilot project for the introduction of genetic cascade testing for families affected by sudden cardiac death in collaboration with the coronial system, NHS England and NHS Improvement, and British Heart Foundation and the development of national guidance
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Data collection	Put in place a mechanism to monitor delivery and equity of access to where genomic testing influences personalised treatments and interventions, using existing data sets and working in collaboration with existing oversight committees, such as the Regional Medicines Optimisation Committee
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Supporting clinical genetics	Work with existing services to begin to develop coordinated ways of working across the geography to support broader provider access and to widen the involvement of other clinical specialities and services
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Supporting clinical genetics	Support NHS England and NHS Improvement to define criteria for access to clinical genetics by other specialities and support the development of appropriate referral pathways that are sustainable for future service demands.

Person Specification

- Hold a substantive appointment or honorary contract as a medical consultant in one of the NHS Trusts in the SW GMSA
- Experience of managing teams.
- Advanced knowledge of genomics
- Participation in research and clinical audit.
- Experience of teaching and training.
- Excellent motivational, communication and organisational skills.
- Ability to influence peers.
- Experience of engagement with executive leads of Trust organisations.

Primary Care Leads

2 posts at 1PA each

Job title	Rare Disease Lead (Early Years) South West Genomic Medicine Service Alliance (SW GMSA)		
Pay band	Medical Leader	Responsible to	Clinical Director, South West GMSA
Hours	1 PAs	Responsible for	Setting the strategic direction and leading all primary care aspects of GMSA
Tenure	Secondment Four years plus 1 year extension by mutual agreement	Base	Agile Ability to travel to sites across the SW Genomics Alliance
Funding Arrangements	Programme Funded		

The South West Genomics Medicine Service Alliance (GMSA) will be at the heart of delivering the modernised, personal healthcare that is coming as a result of the genomics revolution. It is a new enterprise for delivering the NHS England national strategy for genomics. An exceptionally skilled leadership team are required to build this new enterprise at the same time as ensuring delivery of the benefits already available from genomics, consistently, to the entire population of the South West.

The *Primary Care Leads* of the GMSA will lead the work of mainstreaming genomics in the delivery of primary care. The *Primary Care Leads* will be a part of the wider GMSA Leadership Team.

Role Description

The *Primary Care Leads* will

- Develop and implement the GMSA strategy for Primary Care. The strategy will ensure standardisation and embedding the primary care element of clinical pathways.
- Lead primary care elements of national and local GMSA projects
- Work with providers across the South West and inform the development of local plans;
- Provide clinical leadership and coordination across the Alliance geography
- Initiate new ways of working between organisations
- Identify, influence and collaborate with the local clinical networks to provide expert advice to deliver redesigned and sustainable care pathways.
- Deliver elements of the GMSA education and communication programme
- Core members of specified GMSA Groups
- Promote system-wide clinical thinking across all workstreams focusing on people and care pathways

Governance

- The *Primary Care Leads* will represent the GMSA at relevant local and national forums

National Genomic Deliverables – Primary Care Subset

Section	Deliverable	Deliverable detail
Priority 2 – Retaining and building the trust of people and communities in genomics	Putting patients, people and communities at the centre	To have appointed a people and communities representative to the NHS GMS Alliance Partnership Board
Priority 2 – Retaining and building the trust of people and communities in genomics	Communications and engagement strategy	Have a communications and engagement strategy in place to support the work of the NHS GMS Alliance.
Priority 2 – Retaining and building the trust of people and communities in genomics	Patient choice framework	Have a mechanism in place to monitor, identify and agree action to address any issues related to uptake of the research offer in the patient choice discussions.
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Access to testing	Work with the NHS GLH to develop a programme of work to review access to genomic testing included within the National Genomic Test Directory across the geography, including quantifying unmet clinical need and actions to address
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Clinical outcomes data	Work in partnership with the NHS GLH and NHS England and NHS Improvement to implement appropriate systems and processes to collect clinical outcomes data and develop appropriate mechanisms to use the data to drive demonstrable improvements for patients
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Lynch syndrome	Work with the NHS GLHs to ensure pathways are in place to identify individuals with Lynch syndrome.
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Familial Hypercholesteremia	Working with the NHS GLHs and other system partners develop a plan to support the identification of individuals at-risk of Familial Hypercholesteremia to support the NHS GLH to increase the identification of people with Familial Hypercholesteremia, including ensuring end-to-end care pathways are in place to follow up the patient and family members
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Sudden cardiac death	If required, actively contribute to the pilot project for the introduction of genetic cascade testing for families affected by sudden cardiac death in collaboration with the coronial system, NHS England and NHS Improvement, and British Heart Foundation and the development of national guidance

Section	Deliverable	Deliverable detail
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Data driving equity	Put in place a mechanism to monitor delivery and equity of access to where genomic testing influences personalised treatments and interventions, using existing data sets and working in collaboration with existing oversight committees, such as the Regional Medicines Optimisation Committee
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Data integration definitions	Work with NHS England and NHS Improvement to define the national informatics and data requirements to support integration of genomics with the broader digital health agenda across the NHS and to support the ongoing development and integration of NGIS
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Data integration implementation	Work with national organisations to integrate genomic data within electronic health records and within integrated diagnostic reporting to improve co-ordination of care, support better clinician decision-making and facilitate seamless clinical pathways.
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Broader provider access	Work with existing services to begin to develop coordinated ways of working across the geography to support broader provider access and to widen the involvement of other clinical specialities and services
Priority 4 – Using genomics to improve health and care productivity, quality and efficiency	Access to clinical genetics	Support NHS England and NHS Improvement to define criteria for access to clinical genetics by other specialities and support the development of appropriate referral pathways that are sustainable for future service demands.
Priority 5 – Supporting the multi-professional workforce to use genomics safely, effectively and efficiently	Nursing collaborative	Have worked with NHS England and NHS Improvement to agree a plan for the delivery of the nursing and midwifery transformation projects, including timelines, key milestones and how outcomes will be measured
Priority 5 – Supporting the multi-professional workforce to use genomics safely, effectively and efficiently	Medical collaborative	Have worked with NHS England and NHS Improvement to agree a plan for the delivery of the proposed medical programme transformation projects, including timelines, key milestones and how outcomes will be measured.

Person Specification

- Hold a substantive appointment or honorary contract as a practising clinician in an NHS primary care practice in the SW GMSA
- Experience of managing teams.
- Advanced knowledge of genomics
- Participation in research and clinical audit.

- Experience of teaching and training.
- Excellent motivational, communication and organisational skills.
- Ability to influence peers.
- Experience of engagement with executive leads of Trust organisations.