

# IGNITING YOUNG POTENTIAL

## The **DRIVE** Initiative

Our Uniformed Services are Looking for the Widest Range of Talents

Supporting the region's educational institutions' 8 Gatsby Benchmarks



Endorsed By



WEST MIDLANDS  
LIEUTENANCY



### Unleashing Young Potential



**DRIVE** 17<sup>th</sup> and 18<sup>th</sup> SEPTEMBER 2021

# STEM in the World of the Uniformed Services

17th September 2021 'DRIVE' Program Itinerary



**Lord-Lieutenant Mr John Crabtree OBE** was appointed by Her Majesty The Queen to be her representative in the West Midlands. Mr Crabtree is the Chair of the 2022 Commonwealth Games Organising Committee. John has a wide variety of business, community and charitable interests, in the West Midlands.



**Simon Forster** was elected as your Police and Crime Commissioner on 6 May 2021. He has lived, worked and brought his family up in the West Midlands for 35 years.

Simon has been a legal aid solicitor for 35 years. He has worked in a Community Law Centre and in private practice. He was a partner in a legal aid law firm for 22 years. He has specialised in Housing and Public Law.

He has represented people who are at risk of eviction from their homes, those living in poor housing conditions and the homeless. He is married with 3 daughters.

Timings	Location/link	Program
9:00hrs – 9:30hrs	Allocated minibus area	Arrival of schools and colleges attendees
<b>10:00hrs – 10:15hrs</b>	Main Conference Room	<b>Her Majesty's Lord-Lieutenant John Crabtree OBE</b>
10:15hrs -10:30hrs	Outside activities area	Young Learners to outside activity accompanied with a Marshall
<b>10:35hrs – 11:10hrs</b>	Main Conference Room	<b><u>Keynote Speaker</u></b> <b>Secretary of State for Education</b>
11:10hrs – 11:30hrs	NML111 conference area	<b><u>Coffee/tea Break</u></b>
<b>11:30hrs – 12:00hrs</b>	Main Conference Room	<b><u>Keynote Speaker</u></b> <b>Simon Foster PCC</b> “Empowering and creating opportunities for young people”
12:15hrs – 12:45hrs	Main Conference Room	<b><u>Keynote Speaker</u></b> <b>Yohanes Scarlett on the Hamilton Commission</b>
12:45hrs – 13:30hrs	NML 111/ Main Conference Room	<b><u>Lunch</u></b>
<b>13:30hrs – 14:45hrs</b>	Main Conference Room	<b><u>Career talks</u></b>  Defence and Science Technology Laboratory  West Midlands Ambulance Service

Lets make a change

# STEM in the World of the Uniformed Services

## 17th September Program Itinerary



**Yohanes Scarlett is Policy and Research Advisor, Diversity and Inclusion at Royal Academy of Engineering.** Born and raised in Hammersmith, West London, Yohanes attended school and college locally, as well as the local youth clubs. Eventually, he would begin volunteering at those youth clubs, where he developed an interest in issues around equality and social justice. Following graduation, Yohanes interned at the London Evening Standard newspaper and was selected for the United States Embassy Young Ethnic Minority Leadership Programme 2014. At the same time, Yohanes was hired as an intern at the Royal Academy of Engineering.

In 2020, Yohanes worked as one of the principal researchers on the Hamilton Commission report, *Accelerating Change: Improving Representation of Black People in UK Motorsport*.



Best-selling author and award-winning British Veteran **Samuel T. Reddy**. Samuel now turns his attention to supporting other commonwealth personnel transitioning from the British Armed Forces and becoming leaders of the future.

Samuel's growth mindset and personal motivation drive him as an innovative leader. His book, 'Leavers To Leaders' is an amazon best seller, in it he reveals the '7 steps to reinvent oneself'. Samuel works with a range of clients from Military to Corporate business leaders across the UK and Sub Saharan Africa to help them reinvent their leadership journey.

Timings	Location/link	Running Order
13:30hrs – 14:45hrs	Main Conference Room	<p><b><u>Career talks</u></b></p> <p>BCU's Paramedic Science, Operating Department Practice and Diagnostic Radiography</p> <p>West Midlands Fire Service</p> <p>West Midlands Police</p> <p>Tri-Services (Navy, Army and Airforce)</p>
14:45hrs – 15:00hrs	NML111 conference area	<p><b><u>Coffee/tea Break</u></b></p>
15:00hrs – 15:15hrs	Main Conference Room	<p><b>Keynote speaker</b></p> <p><b>Samuel Reddy</b></p> <p><b>'See it to be it'</b></p>
15:20hrs – 16:00hrs	Main Conference Room & NML101A	<p><b><u>Wrapping up the Day</u></b></p> <p>Certificate presentation from Col. George Marsh</p>



## Tasks you will get involved in includes:

### Envisioning Talent



### The Uniformed Services are more than just the Uniform

Being at the front of innovation requires the ability to look beyond the norm and to be willing to participant in change.

The current fast pace of technological change requires us to rethink from where our talent pool is sourced and how through strong collaborative arrangements between schools, colleges, universities and the Uniformed Services we can achieve the best for all across our diverse communities.

There is a need for greater linguistic inclusion alongside technical savvy young minds across all sectors. UK's diverse communities have this in abundance and together can bring greater security to such things as cyber crime and world leading knowledge transfer to improve societal challenges.

The fast pace of technological change requires us to rethink the norm with stronger collaborative arrangements between schools, colleges, universities and our wider population together we can create a climate that harness all our talents.

### Where Robotics meets security



### Today's Uniformed Services requires Agile Talent

How can you take a series of clues attempt to open several locked boxes, reassemble a fragmented message and crack a code.



Construct a workable machine to achieve a specified objective. Be challenged and introduce your technical understanding into building to a specification.

Show how you are able:

- Team Work
- Time manage
- Logical thinking
- Problem solving
- Apply STEM

### Unlock Your Potential



**Major Makand Singh MBE** was born in Kuala Lumpur, Malaysia and was sent to the Punjab for his primary education. He came to the UK at age of 14 and after completing his secondary education in the West Midlands and Germany he joined the British Army at the age of 17. His inspiration was his pioneering father Baldev Singh who was the first turban wearing Sikh to serve in the British Army since Indian independence in 1947. Major Singh has served in: Belize, Bosnia, Germany, Hong Kong and the UK in a number of management and leadership roles and has spent a number of years as a Community Liaison Officer for Sikh and other diverse communities.

See it to Be It

# STEM in the World of the Uniformed Services

## 18th September 2021 'DRIVE' Program Itinerary



**Vice Lord-Lieutenant Professor Helen Higson OBE**  
Professor of Higher Education Learning and Management in Aston Business School, and Director of Accreditations, Professor Helen Higson has been appointed Vice Lord-Lieutenant to the West Midlands' Lord-Lieutenant since March 2021. Professor Higson has undertaken extensive research in the areas of employability and work-based learning, intercultural competences and strategic issues in HE management.



**Nicola Richards MP** was elected as member of parliament for West Bromwich East in December 2019. She sits on the Women and Equalities Committee in the UK Parliament. After leaving university Ms Richards worked in public relations for the Jewish Leadership Council, and the Holocaust Educational Trust. As one of youngest Parliamentarian she is passionate on equality and diversity issues.

Timings	Location/link	Program
10:00hrs – 10:30hrs	Allocated carparking area	Arrival of attendees
<b>11:10hrs– 11:20hrs</b>	Main Conference Room	<b>Her Majesty's Vice Lord-Lieutenant Prof Helen Higson OBE</b>
11:25hrs -11:30hrs	Outside activities area	Younger attendees to outside activity accompanied with a Marshall
11:35hrs – 11:50hrs	Main Conference Room	<b><u>Keynote Speaker</u></b> <b>Nicola Richards MP</b> <b>Parliamentary member for West Bromwich</b>
11:50hrs – 12:15hrs	NML111 conference area	<b><u>Coffee/tea Break</u></b>
12:30hrs – 12:45hrs	Main Conference Room	<b><u>Keynote Speaker</u></b> <b>Tom Clarke-Forrest</b> <b>CEO of Sport 4 Life UK</b>
13:00hrs– 14:00hrs	Main Conference Room	<b>Career talks</b> Defence and Science Technology Laboratory Tri-Services (Navy, Army and Airforce)
13:45hrs – 14:30hrs	NML 111/ Main Conference Room	<b><u>Lunch</u></b>

Lets make a change



# STEM in the World of the Uniformed Services

## 18th September Program Itinerary



**Tom Clarke-Forrest** CEO of Sport 4 Life UK. Tom's passion for supporting young people's professional development is highlighted beyond his work with S4L, in his role as a Business Mentor for UnLtd. He supports newly funded social entrepreneurs by drawing on his years of public service and leadership experience to provide advice on business development, strategy, management and funding.



Best-selling author and award-winning British Veteran **Samuel T. Reddy**. Samuel now turns his attention to supporting other commonwealth personnel transitioning from the British Armed Forces and becoming leaders of the future.

Samuel's growth mindset and personal motivation drive him as an innovative leader. His book, 'Leavers To Leaders' is an amazon best seller, in it he reveals the '7 steps to reinvent oneself'. Samuel works with a range of clients from Military to Corporate business leaders across the UK and Sub Saharan Africa to help them reinvent their leadership journey.

Timings	Location/link	Running Order
14:30hrs – 14:45hrs	Main Conference Room	<b><u>Career talks</u></b> West Midlands Ambulance Service BCU's Paramedic Science, Operating Department Practice and Diagnostic Radiography
14:45hrs – 15:15hrs	Main Conference Room	<b>Keynote speaker</b> <b>Samuel Reddy</b> ‘See it to Be it’
15:15hrs – 15:30hrs	NML111 conference area	<b><u>Coffee/tea Break</u></b>
15:35hrs – 16:15hrs	Main Conference Room	<b><u>Career talks</u></b> West Midlands Fire Service West Midlands Police
16:20hrs – 17:00hrs	Main Conference Room & NML101A	<b><u>Wrap up of event</u></b> Certificate presentation from Col George Marsh MBE DL



## Envisioning Talent



Helicopters play an essential role in humanitarian missions, both at home and overseas. Helicopter design and development is often referred to as 'rotorcraft' technology by aerospace professionals. With such a different way of flying compared with conventional aeroplanes, enabling versatility and agility in the air, helicopters have become essential for both civil and military operations. All three UK armed forces use helicopters – the RAF, the Royal Navy and the Army Air Corps and they are vital to police operations and the coast-guard via the RAF Search and Rescue Force. **It takes more than the Pilot to keep them in the air.**

## What is a Paramedic?

A **Paramedic** is a health care professional whose primary role is to provide advanced emergency medical care for critical and emergent patients.

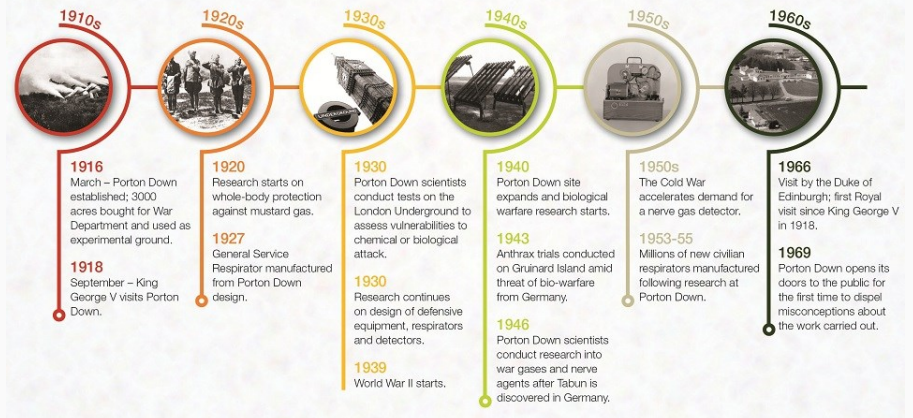
Did you know not all ambulance personnel are paramedics?

Your training as a student paramedic covers all you need to know to become a fully-qualified paramedic. This includes driver training, communication, emergency first aid, anatomy and physiology.

“You study for a qualification in **Paramedical Science** as well as doing practical work under supervision. The length of training varies between NHS ambulance services—usually between two and five years”.



# [ Dstl 100



## Knowing Your Services Past, Equips You For Their Future

Dstl recruits apprentices across a variety of areas. In 2021 they included:

- electronic engineering
- ordnance, munitions and explosives
- cyber security
- commercial procurement
- facilities management
- business administration
- project management
- Software engineering

Apprentice salaries, first year apprentice salaries range from £14,358 to £27,010, depending on the apprenticeship level, and rise each year of employment. Apprentices also have access to a range of employee benefits. Dstl's apprentices are forging successful careers in engineering, science and technology, and management.

## Unlock Your Potential



**Annabel Nash, 21**, is working for Cyber and Information Systems (CIS), she came from doing her A-Levels and she didn't really know what she wanted to do.

As an apprenticeship it was good for her to learn all new skills and also learn on the job, and earn money as well which was really attractive. “I think apprenticeships nowadays should be pushed out more for schools and colleges because I think they are amazing. What I've been able to achieve through the apprenticeship has been really good and launched my career at an incredible place”.

See it to Be It

# Internal Floor Plan



<b>BIRMINGHAM CITY</b> University	<b>Facilities and Facilities Department</b> Joseph Stobbs Building 6 Corporation Street Birmingham B3 3DT	
	PROJECT NAME NML105	PROJECT NUMBER CITY UNIV/CAMPUS
PROJECT TYPE <b>GENERAL ARRANGEMENT</b>		
DRAWING TITLE <b>FIRST FLOOR PLAN</b>		
DRAWN BY J. HALL	CHECKED BY J. HALL	SCALE 1:100 @ A2
DRAWING NUMBER <b>NML-01-01</b>		DATE 10/05/2019

© 2019 Birmingham City University. All rights reserved.



# External Site Map



Where Your Leadership Skills Begin

## Event Moderator : Kul Mahay Former Chief superintendent of Derbyshire Police Constabulary

“It is all too easy to tell yourself that you are doing today because of things you have experienced in your past. Your past is an advisor, not a determinant.”

Kul Mahay



On behalf of all the people and organisations that have made this **DRIVE** initiative something that we can all be truly proud of, I like to offer my deepest thanks and praise. The West Midlands' Lieutenantcy Education and Armed Forces Groups have demonstrated their leadership beyond the call of duty and this was equally demonstrated by the firm endorsement from the West Midlands' Police, West Midlands' Ambulance Service, West Midlands' Fire Service, West Midlands' Police and Crime Commissioner, West Midlands Combine Authority, West Midlands Reserve and Cadets' Association, City of Wolverhampton College, Birmingham Education Partnerships, the Defence and Science Technology Laboratory (Dstl), and Sport 4 Life UK. A truly country first approach and to which we hope to repeat.

Our Tri-Services (Royal Navy, Army and Royal Airforce) remain stalwarts, demonstrating how much they are part of this big community of ours. Whether Blue Light or Tri-Services there is so much they have on offer to each of us and our society, I am proud to have served one of these great services for over 30 years.

It must be said that without the invaluable contribution of Birmingham City University nothing that has taken place would have happened. A big thank you to all at BCU for their immense support.

Finally, we must thank Yohanes Scarlett from the Royal Academy of Engineering and to our Event Coordinator Professor Martin Levermore MBE DL a really big thank you from all of us.