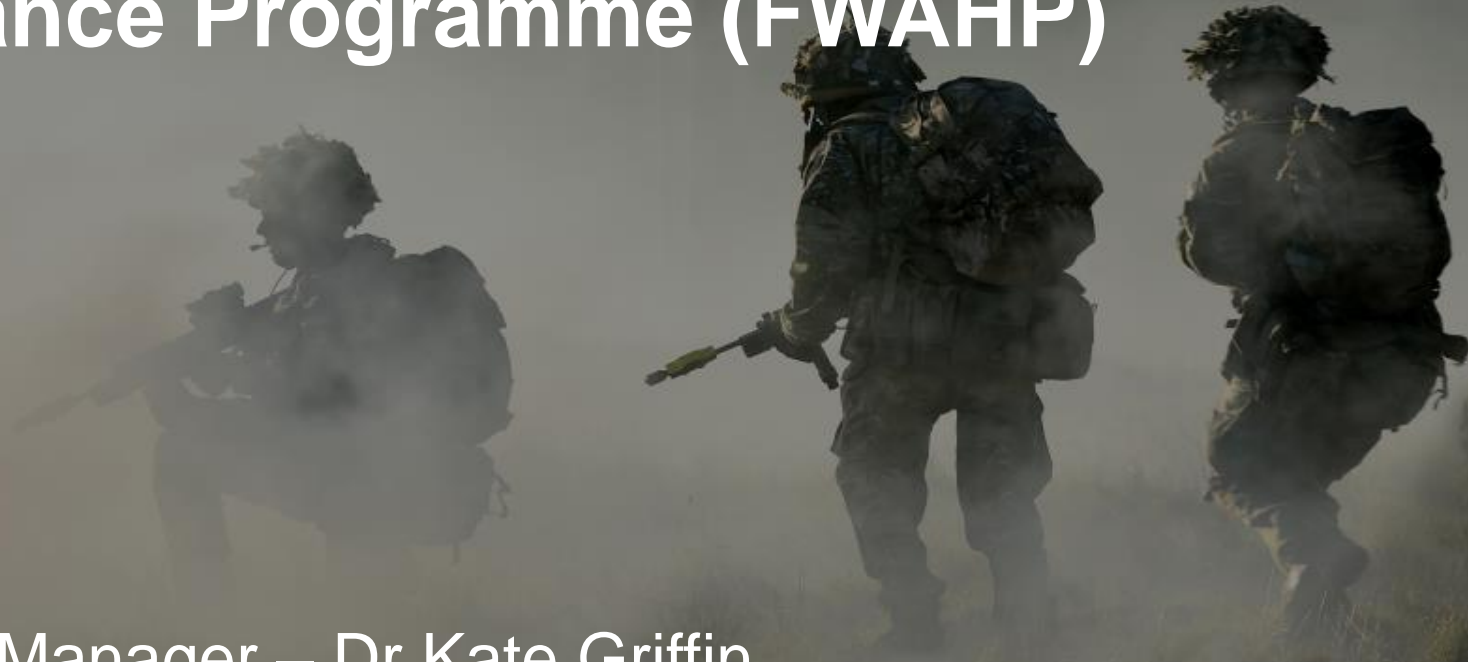


# Future Workforce and Human Performance Programme (FWAHP)

2018+



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Deputy Programme Manager – Mrs Jessica Onslow

DST Commissioner – Dr Sue McLaren



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# Vision

The human component of  
capability optimised through  
exploitation of innovative S&T

# Overview

- The forward FWAHP programme will be organised under 4 themes.
- Multiple research activities under these themes.
  - Ability to commission is dependent on available budgets.
- Dstl are committed to delivering research via our external suppliers, supported by technical partners as required.
- Themes have a mixture of driving (future-focused) and responding (near-focused) requirements.

# FWAHP Programme Themes



# Theme - People: Opportunities, Threats and Radical Approaches

- Assess the opportunities and threats to the People component in order to understand the 'art of the possible'.
- Develop radical and potentially game-changing future People concepts and solutions.

# Theme - Optimising Human Performance in Systems (i)

- S&T to generate tools, techniques and interventions that will enhance human physical performance in order to improve overall system performance.
- S&T to generate analysis techniques and interventions that will enhance human cognitive performance in order to improve overall system performance and mitigate information overload.
- S&T to generate interventions to reduce cognitive and command (C2) burden in Defence systems.
- S&T to develop System of Systems Human in Systems approaches in order to more effectively manage capability impacts on personnel.

# Theme - Optimising Human Performance in Systems (ii)

- S&T to generate future approaches and techniques that can achieve a step-change in Human Centred Design and system efficiency/cost-effectiveness.
- S&T interventions to accelerate the training of cognitive skill and agility.

# Theme - Delivering the Future Workforce (i)

- Engage and Include the Workforce - Provide advice and innovative solutions to engage and include all demographic groups in the workforce
- Value and Reward the Workforce - Develop and test innovative employment offers that attract, reward and retain all demographic groups.



# Theme - Delivering the Future Workforce (ii)

- S&T to generate and evaluate options for radical organisational restructure in order to determine how best to deliver a balanced, cost effective Whole Force organisation.
- S&T to provide concepts, tools, techniques and solutions to improve understanding, tracking and management of the current and future Knowledge Skills Experience demand, taking into account the changing 'Whole Force'.

# Theme - Transforming Training, Education & Preparation

- Develop the Workforce - Provide advice and innovative solutions to optimise the training and education of the workforce.
- S&T to provide the means to measure training effectiveness and Return On Investment.
- S&T to enable the exploitation of novel training approaches to accelerate and enhance learning.

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