



Novel Closures & Interfaces for Chemical-Biological Clothing

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Novel Closures Team



- Joint Service
- Co-located with other CB teams at Natick



Objective

*Develop & demonstrate
simple, user and mission friendly
closures and/or interfaces
applicable for CB*

to

*improve liquid, vapor and/or aerosol
protection*



Closures & Interfaces

Garment Front Opening

Mask - Hood or Neck Area

Hand Protection – Sleeves

Foot Protection - Legs

Coat - Trousers



Technical Approach

- *Leverage past work, lessons learned and user input*
- *Develop and prototype concepts*
- *Test & Evaluate*



Progress to Date

- Survey (Market & Retail)
- Outdoor Retail Show
- Contract with Developer



Progress to Date

Initial JSLIST design to improve neck mobility & reduced bulk





Path Forward

- Down-select & finalize designs
- Fabricate garments or modify current systems
- System testing
 - MIST & Aerosol
 - Human Factors
- Review/downselect optimum designs
- User Review & Input