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