WRAIR **BEHAVIORAL BIOLOGY BRANCH FATIGUE MANAGEMENT PRODUCT MAP MONITOR AND PREDICT** INTERVENE

BIOMARKERS

FATIGUE VULNERBILITY &

RESILIENCE BIOMARKER

ASSESSMENT

NOVEL PHYSICAL BIOMARKERS

OF SLEEP LOSS

READINESS TRACKING

SLEEP TRACKING &

PERFORMANCE PREDICTION

MOBILE EEG &

DIGITAL PHENOTYPING

READINESS DASHBOARD

FOR LEADERSHIP

2**B-**Ale

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URRENT

ERIM

UTURE

BRAIN STIMULATION

LABORATORY BRAIN

STIMULATION

NOVEL STIMULATION

TECHNOLOGY

FIELD STRATEGIES

CURRENT

ERIM

Z

TARGETED SLEEP

PROMOTERS

DRUGS/SUPPLEMENTS

RESETTING THE BIOLOGICAL CLOCK

SLEEP STRATEGIES & ENVIRONMENTAL STRATEGY IMPLEMENTAITON

MANAGEMENT SYSTEM

INFORMING POLICY

& GUIDANCE



REAL-TIME BIOMARKER DETECTION TOOLS



"SMART" CAP

TARGETED WAKE PROMOTERS



COMPREHENSIVE FATIGUE