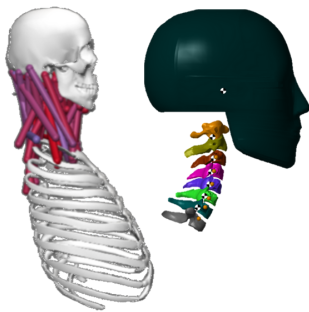


Applying systems expertise to create the next generation of bio-interfacing technology

Luna Labs BioPhysics works with government and commercial partners to develop products with diverse engineering and scientific challenges. Specific expertise includes:

- Wearable Devices
- Computational Modeling
- Electrochemistry
- Embedded Electronics Development
- Algorithmic Predictions
- Biologic Data Acquisition
- Muscle and Skeleton Biomechanics
- Flight Physiology
- Human Studies
- Military Working Animal Wearables

investigate



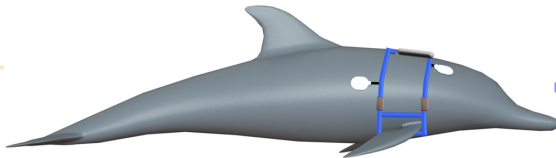
Neck Pain Mitigation Model

Minimization of chronic neck pain in aircrew (Navy)

POWRS

Pediatric Opioid Withdrawal Monitor (CDC/NCCDHP)

interface



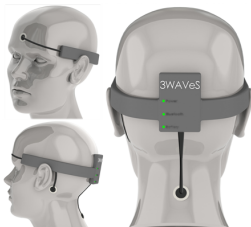
SWIM3

ECG signal analysis for Navy marine mammals (Navy)



WAHTER

Impedance-based hydration monitor for aircrew (Navy)



3WAVEs

Portable, vestibular simulator for spatial disorientation training (NASA)

intervene



ACES

Aircrew Endurance System for Navy aircrew (Navy)

SAINTS

Smart automatic life preserver inflation system for Navy aviators (Navy)