

Bio digital Convergence/ Synthetic Biology
Terms for Further Research

Electronic Warfare
TransHumanism/PostHumanism
Human Biofield/Aura
Molecular Communication
Microfluidics
Targeting Databases
Bio-Cyber Interface
Signature Reduction Force
Sensor Hunter
Emergent Technologies
DNA Stenography – CRISPR-cas9 and other gene editing tools
Regenerative Medicine
Augmented Humans (for decades)
Wide Body Area Network - (WBAN) **1995** D/ARPA Internet routing through bodies
Intra-body Network - IBnet
Medical Body Area Network (MBAN,) Physical Layer
biosurveillance
Electroceuticals
Human Body Communication
Cyber Security/ Cyber- Bio Security
Precision AI Healthcare
Bio-Surveillance
Intra/Extra Body Sensors
SMART Dust/ SMART Robots
Graphene Healthcare
Molecular Signaling
IEEE 802.15.4/5/6 etc
FCC 2012 Project Salas (1954)
Personal Area Network (PBAN)
Global Information Grid June **2007**
Mesh Networks
Flesh Networks
Hive Mind
Ad Hoc Network = follows you around via weaponized air molecules
Brain to Brain Interface – 2014

Cyber physical backbone 2017

Military Warfare Doctrine

DOD Directive 3000.09 Autonomy in Weapons Systems – June 25, 2023 Electronic warfare upon the people using (UAVs) drones, helicopters, satellites, blimps. Fully deployed.

DARPA's Noninvasive Neurotechnology (N3) = nanolabotomy –

Bidirectional System – Read/Write to brain and genetics

Genetic Engineering

Sensors Open System Architecture

Super Soldier Program = Augmenting Humans and manipulating reality

Nanotechnology nano.gov (25 years)

Full Spectrum Warfare

Terahertz Band

Terahertz Bullet

Fusion Centers

Operation Warp Speed – injecting people with BDC enabling components and tech.

Optogenetics

Metagenomics

Metaverse

Bio-photonic weapons

Bio-frequency weapon

Internet of Bodies (IOB/WBAN)

Internet of Everything (IOE)

Internet of Things (IOT)

Internet of BioNano Things IOBnT)

Internet of Behaviors

Medical Body Area Network for Precision Healthcare

Telehealth/Telemedicine

biotelemetry

Cryptocurrency/Block Chain = BAN consenting to Energy Harvesting of your biological essence, and natural energy production

Self-Assembling Nanotechnology

Nano-Sensors, Bio-Sensors

Nano-Bots, Nano-Networks

Software Designed Metamaterials

Energy Harvesting

Neuromorphic Fluidic Chipset

Plasmonics

Phase Arrays

Human Activity Recognition Radar
Synthetic Aperture Radar
Microplastics
Digital Twin (Digitwin)
Organ on a chip
DARPA Noninvasive N2, N3 etc (neuro-labotomy)
Brain to Brain interface
Brain to Computer interface
SMART grid
Nanomolecular Communication
Quantum molecular Communication
Stingray and Dirtbox – used by Law Enforcement
Project Maven
Lavender AI
Load Balancing WBAN
Sensor Disease
Pervasive, Ubiquitous Computing
Deep Learning
Machine Learning
Machine to Machine Learning
Virtual Light Communication
GeoFence
Lidar – purple lights are a Geofence
Batelle Biolabs
Epigenetics
Optogenetics
Electronic and Electromagnetic Warfare – 60 years
Magnetic human body communication
Visible light communication
Electronic Integrated Disease Surveillance System
Human activity recognition radar
Legal autonomous weapon system
Command and Control
Network Centric Warfare Doctrine – since the 90s
Mesh networks rearrange real time analytics
Beam forming, beam steering
BioCyber Interface for BioDigital Convergence – section 12- for Human Augmentation
Sat phone/bivy sticks= networks

Perturbation – shaking cells with molecular communication

Machine learning algorithms written for our unique DNA with neuromodulation

Cognitive electronic warfare