The **Architected for Continuous Transformation** BIONIC Enterprise

Technology

Perspective

Envision | Transform | Thrive

Fusion:

Roadmap



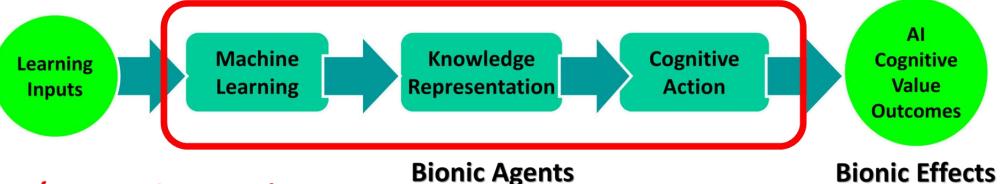
Fusion Strands, UX, AI Use Cases Bionic/AI Use Cases and Fusion Strand Design

- Analyze a User Experience (each action, each step, each interaction, each enterprise response)
- Determine how it can be improved (desired effect)
- Assess what Bionic Effects (cognitive actions, immersive interfaces, interface technologies) can achieve that desired effect

Perspective

- Identify or build the types of agents that can provide that desired effect
- Leverage Cognitive Capital, Behavioral Capital, Network Capital
- Prototype Test Deploy Scale Up into the Bionic Digital Platform

AI Value outcomes are expressed as Bionic Effects achieved by Bionic Agents in a User Experience.



AI/UX Use Case Design:

Overview

Bionic UX

Effects

Mentoring

Collaboration

Empathizing

Partial Task

Automation

Task

Acceleration

Immersion

(UX/VR/AR)

Task

Task Elasticity

& Scalability

Task

Autonomy

Task Precision

Task Accuracy

Decision

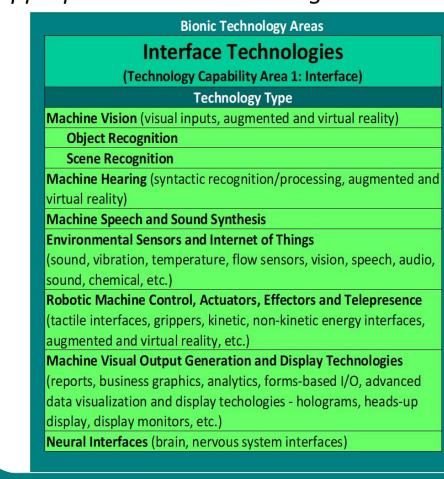
Support

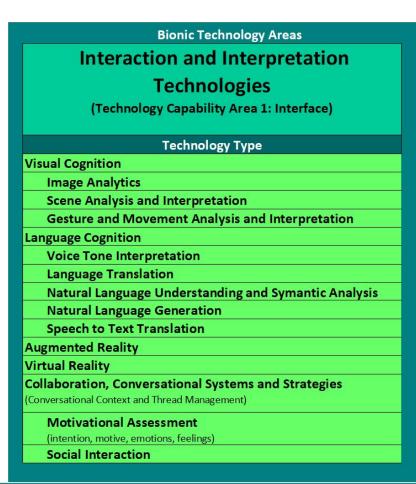
Specific learning + Specific Knowledge + Specific Cognitive Actions = AI Use Case

The path to generating user value is for the enterprise to provide meaningful interactions between its human aspect and its technology aspect throughout the user journey.

User Experience Technologies: Interfaces, Interactions, **Intelligence Technologies**

Select, design, or build Bionic Agents and AI functionality according to the dimensions of Bloom's Taxonomy to enable the achievement of Bionic Effects in User Experiences utilizing experienceappropriate Bionic Technologies.





A Bionic Enterprise is built on a Bionic Digital Platform Supports the Bionic Enterprise Brain Constructed of Bionic Agents

Artificial

Intelligence

Fusion: Fusion

Strands/UX

Value

Generation

Fusion: Bionic

Architecture

Fusion:

Transformation

Bionic Enterprise Brain and its collections of agents.

Fusion Strands

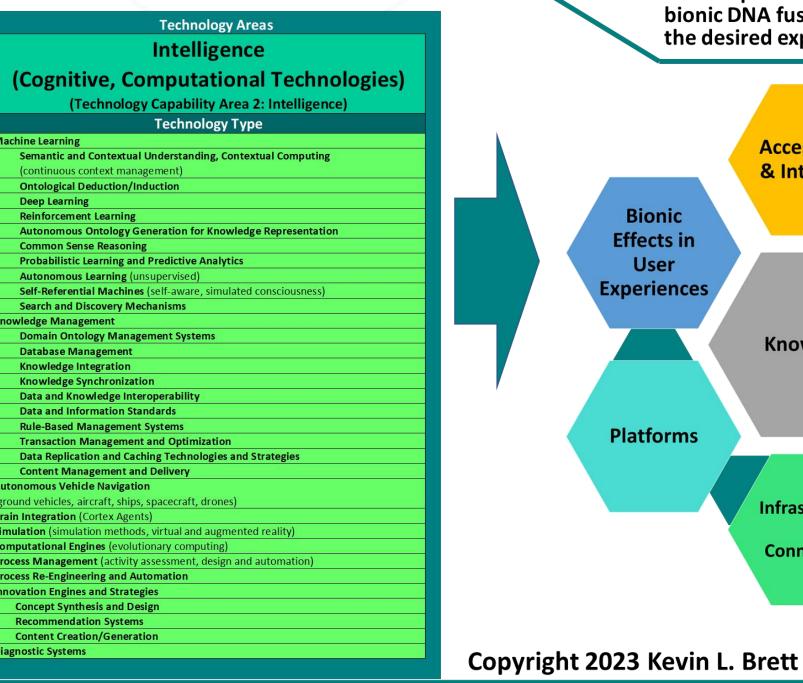
Interface Agents

Connectivity Agents

Infrastructure Agents

Interaction Agents

Cortex Agents



The Intersection of Knowledge and Cognitive Action Bloom's Taxonomy is the most

> recognized and widely used learning taxonomy to design learning objectives for students. • The Bionic Enterprise Brain should

be designed and built to mature its ability to access and represent knowledge (Knowledge Dimension) and its ability to act on that knowledge (Cognitive Dimension).

Each set of knowledge and each cognitive function derived from the taxonomy can be used to develop specific AI use cases and technology applications to improve user experiences, interactions, and value outcomes with the Bionic Enterprise.

Bloom's Taxonomy analyze apply Recall facts and basic concepts remember

Credibility

User **Enablement**

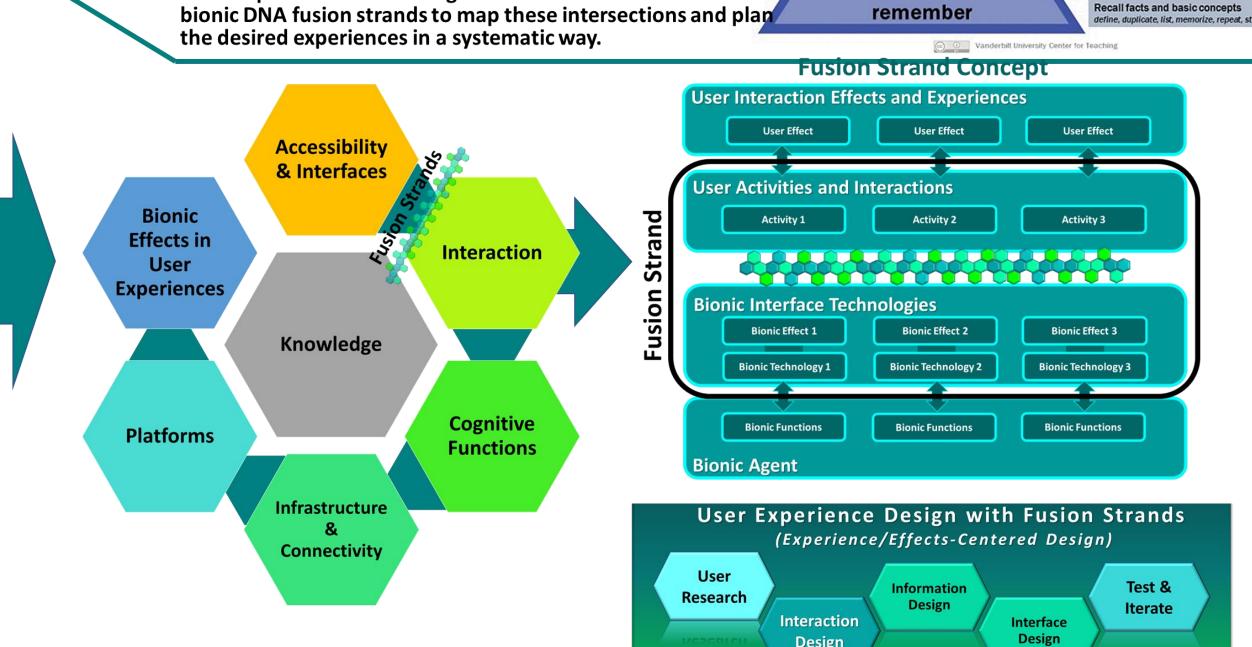
Duration

Intensity

Scope

Interaction Modes

Interface **Modalities**



For every task or interaction in a user journey we can perform

this deeper kind of bionic digital transformation and construct

Center for Excellence in Learning and Teaching

Design

A bionic enterprise is fundamentally about architecting every aspect of an organization to achieve that deep fusion of bionic technologies and human activity as the foundation for achieving bionic effects that lead to bionic performance.

UX Qualities

Defined

Personas

Discoverable

Accessible

Usefulness

Usable