



Alliances for Discovery—Achievement Highlights

Since its establishment in 1999 Alliances for Discovery has been at the forefront in designing and proving a 21st century framework for collaboration, currently reaching its highest expression in the new frontier of Big Heart Intelligence.

I. Early Years (1999-2005). Discovery Engineering/Innovation Platform

- Discovery engineering. A systematic framework for accelerating discoveries, inventions, and innovations of benefit to humanity.
- Support from the Fetzer Foundation (conducted discovery engineering training for senior management which foretold the upheaval in the board several months later)
- Artful Navigator (a systematic software program to encode the wisdom genome of the great figures of history and literature and apply their wisdom to contemporary problems. Implements the methodology first introduced in *Piloting Through Chaos—Wise Leadership Effective Negotiation in the 21st Century* 1985.
- Glaucoma Research Consortium (a collaborative initiative focused on pseudo-exfoliation syndrome in glaucoma.)
- Energy Voyager—an international brain trust to implement a comprehensive platform involving smart feeds covering all fields of sustainable energy and the environment.



- EPRI Consortium—A research consortium sponsored by the Electric Power Research Institute to advance next frontier distributed distribution and storage technologies.

II. Evolution of Best Strategic Alliance Practices (2006-2013)

- Practices Development—active engagement in advancing best business and legal practices for the Association for Strategic Alliance Professionals. (ASAP)/ <http://www.strategic-alliances.org/>
- Strategic Alliance Mediation—invented new field of strategic alliance mediation (pdf attached).
- Alliance Law—developed new principles of collaborative IP in the context of Collaborative Innovation Networks (COINs).
- Collaborative Innovation—developed dashboard tools in the new field of collaborative innovation for commercial and non-profit applications.
- Fukushima. AFD developed an international collaborative solution for containing the leakage of radioactive waste at the site of the nuclear reactor accident at Fukushima.
<http://alliancesfordiscovery.org/guide/laughing-heart/about-alliances-for-discovery-afd/>



III. Intelligent IT Platform: High Value Added Systems Integration (2013-2017)

- Advanced search—integrated most advanced search modalities into best available practices.
- Visual Matching Engine (VME) developed advanced applications of introNetworks platform (www.intronetworks.com) with special application for vitalizing communities.
- Explorers Wheel—invented the Explorers Wheel, a new technology platform to enable discoverers to connect wide domains of vertically siloed knowledge through “intertidal” thinking. <https://www.amazon.com/Piloting-Through-Chaos-Explorers-Mind-ebook/dp/B00DW7RDC6>
- AI machine learning—developed a blue print for applications of AI and machine learning to support Collaborative Innovation Networks (COINs).
- Big Data, Big Mechanism—assembled world class teams to support Big Data and the next frontier Big Mechanism applications.



IV. Big Heart Intelligence (BHI)--Community Health and Wellbeing (2013-Present) (www.bigheartintelligence.org)

- Originated the BHI concept, methodology and platform.
- Vital Santa Barbara developed a program under a seed grant from the Santa Barbara Foundation with the mission “to provide every resident of Santa Barbara with an affordable opportunity to increase personal health and well being within two years.”
- Neurogenics—organized a research consortium with Stanford, UCLA, Yale, and Oregon Health Science University to set the cornerstone for early detection and prevention for all neurodegenerative diseases by designing a biomarker panel based on optical coherence tomography (OCT) and adaptive optics technologies.
https://ssir.org/articles/entry/seeing_the_big_picture_in_medical_science
- Laughing Heart—A Field Guide to Exuberant Vitality for All Ages—10 Essential Moves (www.alliancesfordiscovery.org) An online “living” book along with complete training materials to deliver a measurable increase in “Big Heart IQ” within 3 hours of practice.



- Applications/Current Initiatives
 - WHIS Alliance-- www.worldhealthinnovationsummit.com
 - Burnout Prevention—in collaboration with WHIS and Adventures in Caring seeking to develop a global standard.
 - Tribal Trust Foundation (<https://www.tribaltrustfoundation.org/>)—discussing customizing AFD’s BHI Platform to develop a COIN based on a common language to support indigenous peoples around the world to protect the environment, engage in collaborative advocacy, and encourage the process of intergenerational healing.
 - Developing a new paradigm of BHI applications for healthy workplaces and sustainable communities.