

- Baker Mountain Research Corporation
- Dr. Ralph L. Wojtowicz
- We are a nonprofit scientific research organization founded in 2010. Our mission has three complementary aspects: to advance science, to develop science-based solutions to local and global challenges, and to foster scientific education.

- Application of categorical logic to model and explain human cognition
 - Self reference: $\varphi(d\varphi e / y)$
 - Inference: τ N-calculus
 - Knowledge transfer / analogy: geometric morphisms and logical functors
 - Memory evolutive systems: model of hierarchical binding of objects and formation of complex concepts

- Ph.D. Mathematician: 8 years industry and 6 years academic experience
- Current projects:
 - Logic-based artificial intelligence (AFOSR)
 - Quantum algorithm development (IARPA)
- Other relevant capabilities:
 - Semantic web technologies
 - Software development
 - Probability, statistics and uncertainty

- Seeking partners with access to experimental data involving neural activity patterns in humans

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