

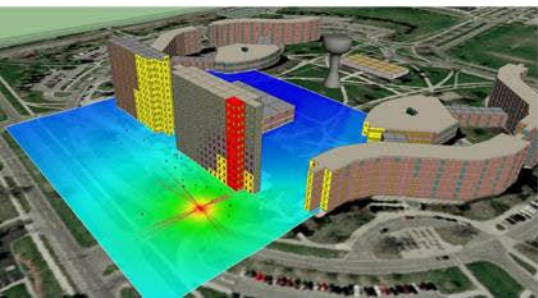


Applied Research Associates, Inc. (ARA) Cyberpsychology Capabilities

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Staff Cognitive Scientist

Feb 28, 2023

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ARA

Business Areas



National Security

ARA delivers innovative solutions to assess, detect, deter, defeat, and respond to threats facing us at home and abroad.



Infrastructure

ARA leads in technologies and services to improve performance and sustainability of infrastructure for transportation, buildings, and energy systems.



Energy & Environment

ARA provides innovative engineering services and products for alternative fuels, and the power and utility services market.



Health Solutions

ARA provides specialized research and technology services, testing and product development in health science and engineering.



Overview

Critical and complex decisions that rely heavily on human experts are often not amenable to off-the-shelf AI/ML techniques.

ARA's multi-disciplinary team of scientists and engineers are developing innovative solutions that address these hard problems.

Our team integrates the study of psychological sciences: specifically, how humans learn, think, communicate, make decisions, and act as individuals as well as in groups and teams.

Our Team of Specialists

Psychological Sciences

Donald Kretz, Principal Scientist
Principal Scientist

Michael Lundie, Staff Cognitive Scientist
Ph.D., Cognition and Neuroscience

Cyber, Machine Learning, and AI

Charlie Fisher
Director of Cyber and Non-Kinetic Effects

Adam Amos-Binks
Senior Software Engineer

Kira Lindke
Senior Data Scientist

Research Areas


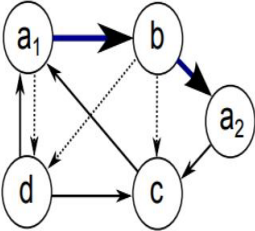


AI/ML APPLICATIONS DEVELOPED FOR:

- Intel Community
- Medical Community
- CWMD Support/Automation
- Autonomous Systems
- National Security
- Infrastructure

DEEP AND CROSS DOMAIN EXPERTISE IN:

- Artificial Intelligence
- Machine Learning
- Cognitive Science
- Expert Systems
- Computer Vision
- Statistics & Mathematics



Health Applications	Artificial Learning & Reasoning	Judgment & Decision-Making	Team Collaboration & Performance
			
Technology Evaluation	Analytic Tools & Support	Influence & Persuasion	Performance Measurement & Improvement