Applied Research Associates

Lead Investigator:
Dr. Jen Albertson

Current Team:
ARA SED and Klein Associates

expanding the realm of
POSSIBILITY®

Research Areas of Interest

ARA has extensive experience and capabilities in:

- Cognitive Sciences

- Predictive Forecasting (IARPA ACEs Program)

- Modeling and Simulation

- Sensor Development and Data Fusion

- System Engineering/Software Development

Metaphor Program Specific Interest & Capabilities:

- Constructing relationships between linguistics and culture

- Automated understanding and natural language processing

- Semantic definition and ontological development

- Psychology of metaphor generation

- Cross-cultural metaphors and shared perspectives

Unique Qualifications:
Intelligence and Cognitive Analysis

- **Intelligence Management & Data Fusion**
  - Collect and aggregate intelligence from multiple sources
- **Analytical Support tools:**
  - Architecture development for the gathering, organizing, reasoning, finding and alerting of disparate information to support situational awareness
  - Development of probabilistic inference models
- **Cognitive Systems Engineering**
  - Cognitive Task Analysis (CTA)
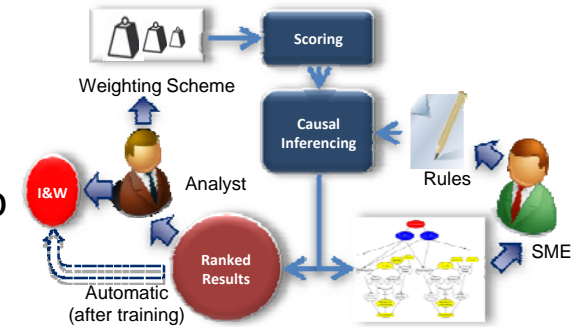- **Culture and Cognition**
  - Cultural Network Analysis
  - Culture and Belief Networks
  - Influence Campaigns
- **Human Performance & Instructional Technologies**
  - Decision Centered Design (DCD)
  - Resilience Engineering
- **Skilled Performance and Expertise**
  - Human-Robotic Interaction
  - Human- Computer Interfaces

Seeking Partners

ARA is seeking team members with the following criteria:

Business Structure:

- Small Businesses
- University Research Groups

Technical Research Areas of Interest:

- Natural Language Processing
- Cognitive Anthropology

ARA is open to joining teams that can benefit from our technical knowledge areas

Contact Information

Jenn Carter

Project Manager

Applied Research Associates,

Southeast Division

jcarter@ara.com

919.582.3438

www.ara.com