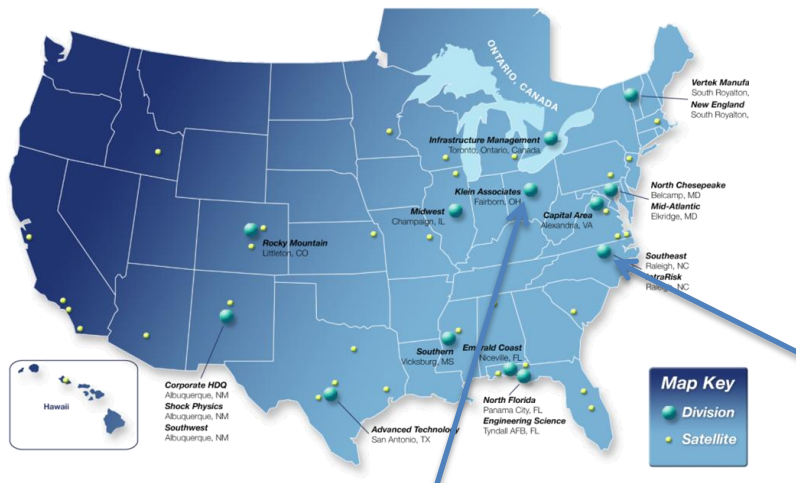


- Applied Research Associates, Raleigh
- Lead Investigator: Dirk Warnaar



Southeast Division



Cognitive Sciences Division



Research Areas of Interest

- Forecasting
- Structured reasoning
- Crowdsourcing
- Cognitive analysis
- Content extraction
- Statistical analysis



The screenshot shows the Forecasting ACE website interface. At the top, it says "FORECASTING ACE" and "Welcome, guessme! Log out". Navigation links include HOME, FORECASTS, STATS, COMMUNITY, LEARN, and TEAM. The main content area is divided into several sections: PROFILE DATA, COMMUNITY, STATISTICS & RANKINGS, and FORECASTING EXPLAINED. There are also buttons for "MAKE A FORECAST", "Your monthly rankings", "Your trends", "Groups monthly rankings", "Groups cumulative scores", and "Know our team". Below this is a "Global Crowd Intelligence" banner with the tagline "Put your knowledge on the line...". The main content area features several news items under categories like "NEWEST", "HOTTEST", "LEADERBOARDS", "CLOSING SOON", "RECOMMENDED", "RESULTS", and "ACCEPTED". The "LEADERBOARDS" section includes a table with columns for "ANALYST EXPERIENCE" and "REPUTATION".

ANALYST EXPERIENCE	REPUTATION
sergu 70,625	157,770
eric 58,870	139,284
shellypoops 45,145	75,144
sheep 40,832	40,832
sheep 30,700	38,300
sheep 24,773	
eric 19,770	
sergu 19,284	
shellypoops 15,144	
sheep 10,832	
eric 8,300	



Qualifications

- Aggregative Contingent Estimation System (ACES) – Crowd-based forecasting of future events. ARA was a prime on the IARPA ACE program.
- Assessing Team Collaboration in Intelligence Teams – Identified essential dimensions of effective collaboration and processes associated with them
- Sense-making in Intelligence Analysis – Extended incident- based Cognitive Task Analysis methods to improve and share sense-making across analysts/organizations
- White House Situation Room redesign - human cognitive performance in high stakes work domains to improve decision making
- Cultural network analysis - Eliciting, analyzing, and representing cultural models in any domain
- Intelligence Management System (IMS) – Rapidly gathers, organizes, processes, and disseminates data from disparate sources. Considers semantic, geospatial, and temporal aspects to determine data relevancy

Former intelligence analysts on staff



Desired Complimentary Technologies

- Reasoning techniques (case-based, evidential, plausible,...)
- Collaboration platforms
- Context modeling
- Text analysis



Contact Information

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