



## WINNING PROPOSAL

**Developing and Signaling Trust in Synthetic Autonomous Agents (SAAs)**

**DARPA Grant Awarded in Summer 2018**

## GRANT WINNER

**Kathryn A. Johnson, Ph.D.**

Social Psychologist

Arizona State University

"Polyplexus is great for any researcher who enjoys playing with ideas. From my own Conjectures and from following those of others, I begin to see themes emerge. The platform has truly inspired my vision and proposed research."

## HOW

### Collaborating Across Areas of Expertise and Institutions

Posted 12 Conjecture  $\mu$ Pubs using Evidence  $\mu$ Pubs from 11 Plexors across industry and universities

Combined more than 25 Evidence  $\mu$ Pubs spanning 9 diverse subjects ranging from economics to cyber security



## WHAT

### Disrupting the Status Quo

- Enabling safe SAA operations across a multitude of commercial and military missions
- Position U.S. as a leader in autonomous systems with programmed moral integrity

## WHY

### Powering Research Sponsors

Benefits DARPA research in:

- Autonomous systems
- Human machine interface
- Cognitive science
- Social psychology