

## DESCRIPTION

TI advances the basic science of:

- Human-centered and bi-directional trust toward technology, such as human-machine/-agent teaming, particularly in distributed settings, to address key areas in developing and deploying optimal autonomous systems and intelligent machines; and
- Social influence, emphasizing the sociocultural, behavioral, and cognitive processes that lead to new theories and understanding within the context of informational campaigns.

## CONTACT

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For more information: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=314753>

## THRUSTS / SUB AREAS

**Trust** – Human-Machine/Human-Agent Teaming and Autonomy

- Human-centered and bidirectional trust in human-machine/ human-agent teams
- The trust construct in heterogeneous, distributed teams and teaming constellations (e.g. teams of teams)
- Theories and metrics of dynamic and evolving trust

**Influence**

- Processes that explain susceptibility and resilience; Resonance
- Flows and effects of informational campaigns to shape perceptions, alter narratives, and change beliefs or behavior; Persuasion
- Theories and metrics; Connectivity between online and offline behavior



Trust in  
Autonomy and  
Other Emergent  
Technologies



Influence



Culture and  
Sociobehavioral  
Sciences with  
Implications for  
National  
Security



Trust Influence