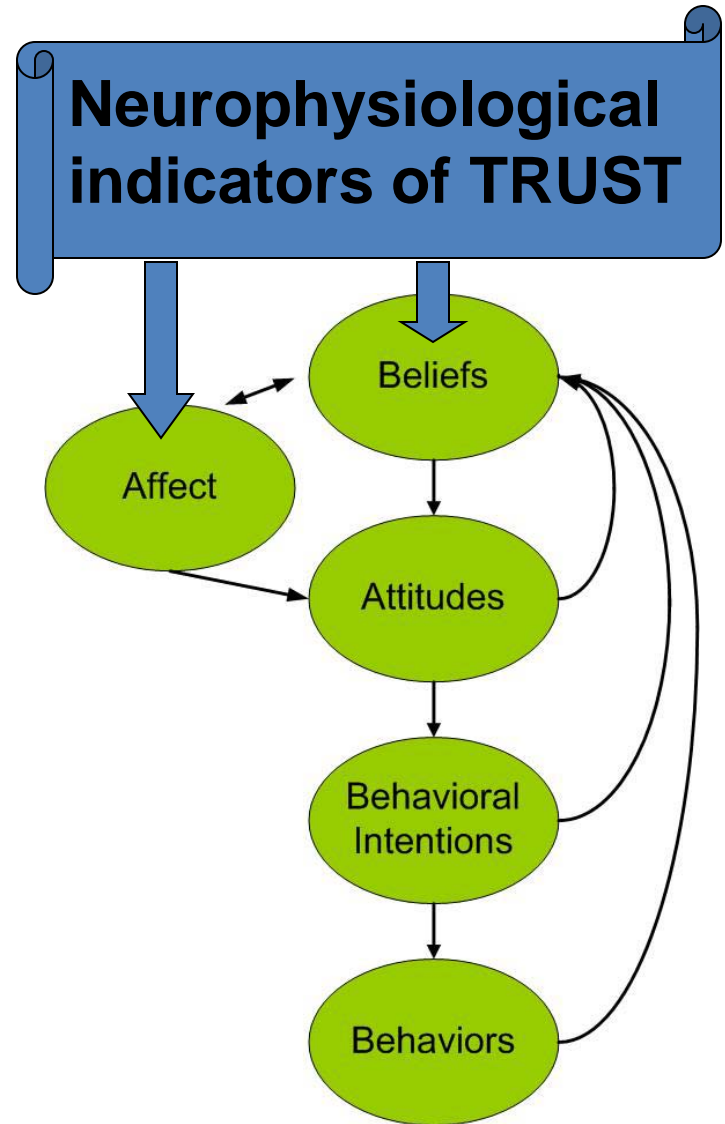




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<i>Lead Investigator</i>	
Dr. Kelly Hale	PI of previous IARPA, DARPA, ONR efforts investigating development of neurophysiological signatures
<i>Team Members</i>	
Katie Del Guidice	Expertise in trust and credibility
Sven Fuchs	Expertise in neurophysiological measure development

- Research areas of interest:
 - Conceptualization, development, and validation of novel neurophysiological indicators of trust
 - Emotional assessment and emotion-based indicators of trust





- Unique qualifications and capabilities:
 - Track record of successful identification of neurophysiological signatures of complex cognitive constructs
 - Patent-pending approach of combining multiple neurophysiological sensors (eye tracking and EEG)
 - Detailed knowledge of associated challenges (single-trial classifiers)
 - Task analysis (sensory cue level analysis) expertise
 - Theoretical foundation for experimentation expertise
 - How beliefs/affect are developed and manipulated – relation to TRUST
 - Use theory to drive conceptual and experimental design used to develop indicators of complex cognitive constructs
 - Evaluation and validation of novel cognitive state indicators (human subject studies)



- Specific capabilities we are seeking:
 - Organizations with a strong background in (neuro)physiological sensors
 - Organizations interested in using eye tracking technology to map visual examinations of stimuli with other potential signatures of trust (e.g., hormone levels, behavioral responses, questionnaire, or attitudinal responses)
- Type of research group we seek to join:
 - Groups that can benefit from our expertise in theoretically and empirically driven metric development approach
 - Groups that can benefit from integration of an emotion induction and analysis techniques for experimentation



Contact Information

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