

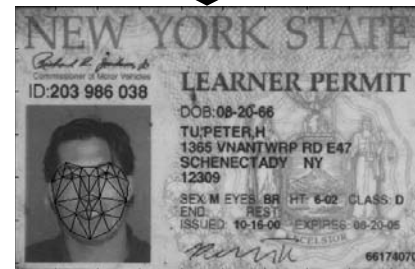
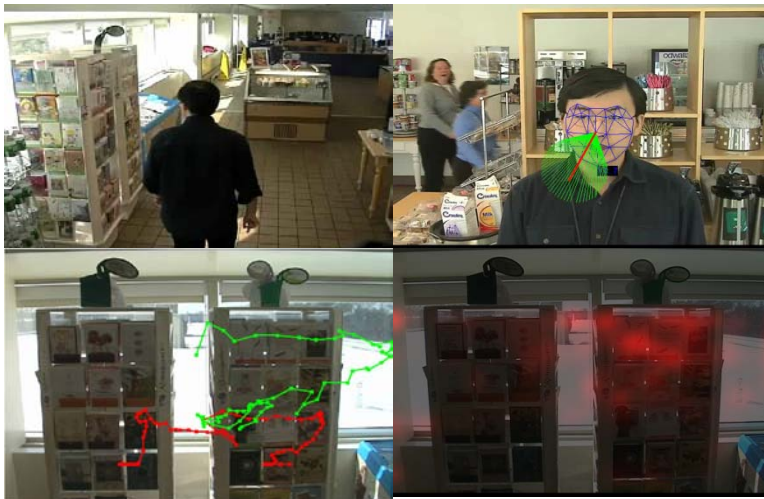


- **Name of Organization(s):** General Electric, Carnegie Mellon University, Psychology Department of the University of Pittsburgh, Computational Physiology Lab of the University of Houston
- **Lead Investigator:** Xiaoming Liu
- **Current Team Members**
  - Jeff Cohn
  - Ioannis Pavlidis
  - Fernando De la Torre
  - Peter Tu



# General Capabilities

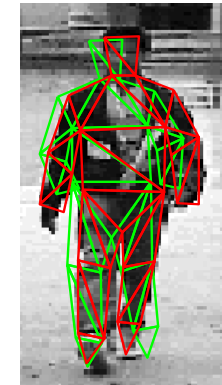
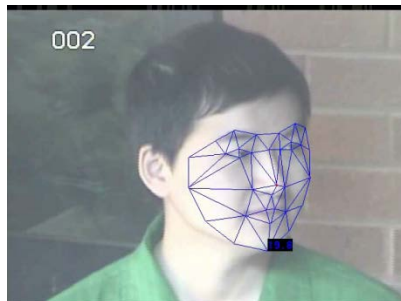
- Face analysis for gaze and emotional cues
- Supervised learning for object recognition
- Modeling for hidden state estimation





# Specific Qualifications

- Generic face alignment
- Facial action unit and expression recognition
- Articulated body motion analysis





# Seeking Capabilities

- We seek capabilities associated with:
  - Domain knowledge in neuroscience, cognitive sciences, and social Interaction
  - Behavior scientist specialize on experimental design
  - Facial measurement from auxiliary sensors.



# Contact Information

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