- Organization(s): Haystax Technology
- Lead Investigator: Robert C. Schrag, Ph.D.
- Current Team Members: (Open)

Research Areas

- Qualitative specification of indicator-hypothesis Bayesian network models
  - Hypothesis propositions, qualitative indicator strengths, deterministic logical summaries, mitigation, relevance
  - Automated CPT generation and structured evidence event processing, with temporal relevance
  - GUI-based, SME-oriented
- Formal source credibility reasoning (after Schum's evidence marshalling)
  - Indicator-hypothesis modeling of source objectivity, competence, veracity, opportunity
  - Covers individual or aggregate agents, statements/documents/databases, traditional sensors with false-positive/negative error rates

Unique Qualifications

Research:

- Large-scale deployed indicator-hypothesis model
- SME-oriented qualitative indicator-hypothesis modeling framework
- Formal credibility modeling
- PhD scientists with decades of experience in logic- and probability-based knowledge representation and reasoning

Product:

- World-class web-based data analytics software development team

Teaming Objectives

- Complementary skillsets:
  - Crowdsourcing...
    - Infrastructure
    - Elicitation techniques
    - Contributor competence assessment, reputation development

Contact Information

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