- University of Rochester

- James F. Allen

- George Ferguson, Mary Swift

- Background
  - If we are to interpret metaphor, we first need to map language to representations that supports metaphorical reasoning

- Area of interest: Deep Natural Language Understanding
  - Robust parsing of language into knowledge
  - Common-sense knowledge and ontologies
  - Intention recognition
  - Discourse processing

- Qualifications: We have one of the most capable systems for broad-coverage, deep language understanding
  - Over 80% accuracy (F-score) in producing deep logical forms from arbitrarily-chosen texts
    - STEP, 2008
  - Top performing system in identify events and temporal relations from raw text
    - TimeEval-2, 2010
  - Robust end-to-end systems that integrate language understanding with reasoning and learning
    - PLOW, Best paper AAAI 2007

- What are we seeking collaborators
  - with strengths in metaphorical/analogical reasoning
  - with strength in developing common-sense knowledge bases integrated with language understanding
  - with experience in specific application areas of interest to the program

Contact Information

- James F. Allen
- John H. Dessauer Professor of Computer Science
- University of Rochester
- james@cs.rochester.edu
- 850-292-8370
- www.cs.rochester.edu/u/james