



## Translational R&D Goals for Intelligent Tutoring Systems

- **Basic recipes for building tutors**
  - Driven by basic psychological principles: clear model of training process
  - Clear process model for the development process
  - Satisficing schemes to support coaching of emergent tasks
- **Accountability assessments for the entire development and delivery process**
  - How can a manager know that the project is on track?
  - Stealth assessment to improve individualize and improve coaching
- **Standards for assessing robustness of the product**
  - Extendibility to new problems
  - Human factors for trainer and trainee
  - Work in any standard operating system and meet OS development guidelines
- **Shaping the culture so that instructions aren't necessary**
- **Persistence over development generations**
- **Delivery site alterability**