



Beth Veinott

Associate Professor

Cognitive & Learning Sciences, College Science and Arts



My background

Stanford BA, University of Michigan Ph.D., Indiana Post-doc
NASA Ames; Principal Scientist @ Science & Engineering Co.

Areas of research/expertise

Decision Making & Applied Cognition

- ✓ Behavioral models, field experiments
- ✓ Applications for training, technologies, and improving decisions

Collaborative technologies

- ✓ Team work, trust, planning

Problem Solving and Learning in STEM

- ✓ Video games for learning

- **Plan Evaluation Challenges:** Optimism, overconfidence
- **5 steps:** Perspective shift + Uncertainty reduction (fiasco)
- **Exp:** No change total time; Better, more resilient plans



MTU –ROTC Teams

Premortem: Fewer Errors

