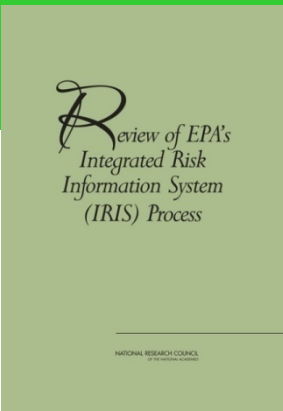# IRIS Workshop on the NRC Recommendations

Session 2

Adapting Systematic Review Methods for IRIS

Adapt methods to observational studies, experimental animal studies

Develop methods for mechanistic studies, hypotheses, and models

- Is it more efficient to do some study evaluation at the integration step?

- Are the major issues in IRIS assessments related to risk-of-bias or external validity?

What research is there to support

- choice of study-evaluation factors?

- choice of study-evaluation methods?

Session 2: Adapting Systematic Review Methods for IRIS

- What research supports specific elements (i.e., study features) having the potential to bias the results of human observational studies or experimental animal studies?

- What research supports the utility of systematically evaluating aspects of studies other than those strictly related to "risk of bias"? Are there other key considerations?

- Are there aspects of internal or external validity that are not adequately addressed by the available systematic evaluation tools?

- What has been learned from research comparing different methods for evaluating sets of related studies, including the use of a scoring system versus qualitative summaries of expert judgment?