

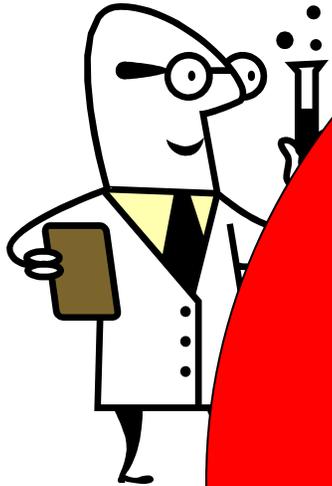
MEANS2-Metals Perspective Proposers Conference 3 May 2004



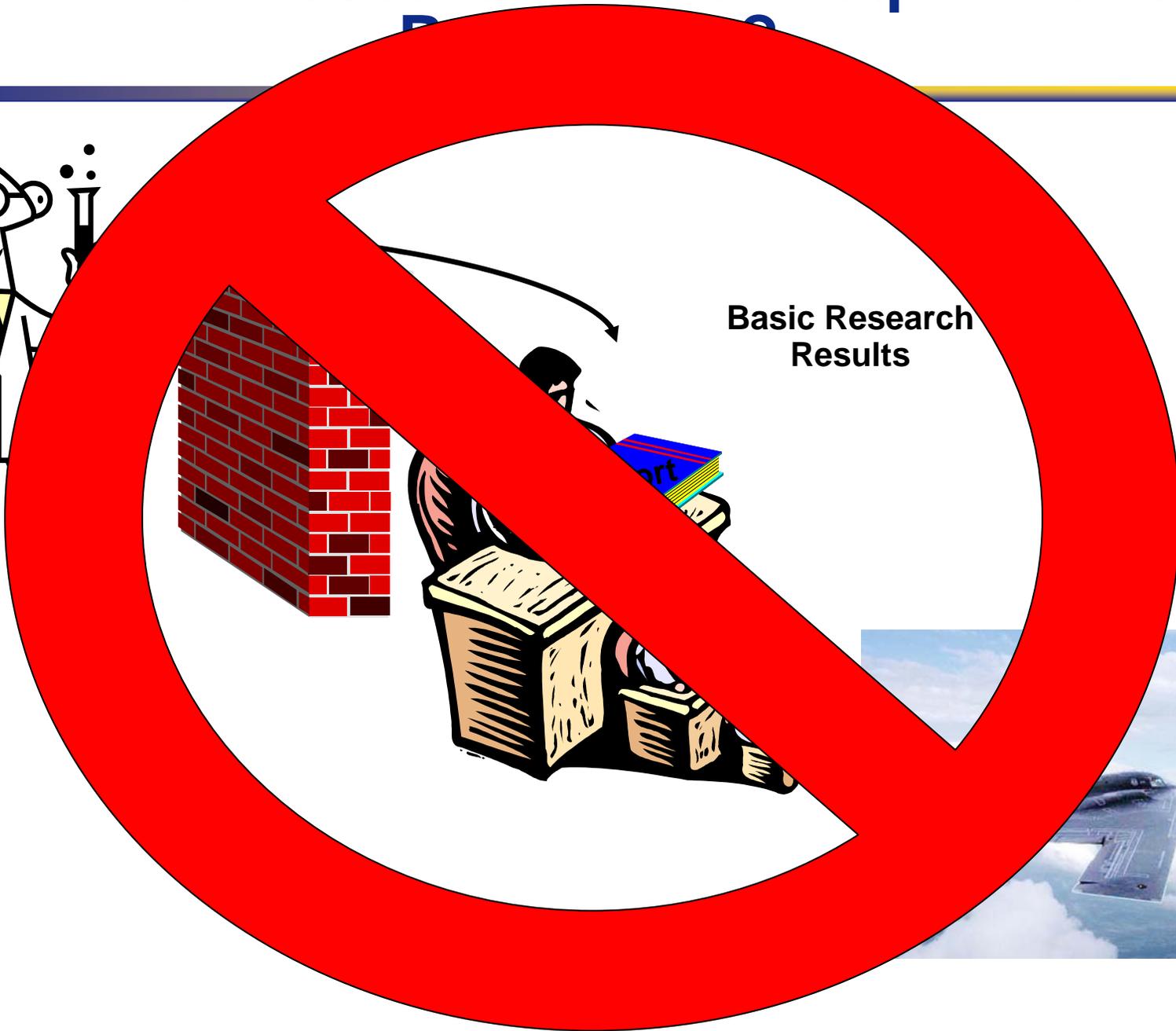
**Craig S. Hartley
Program Manager
Metallic Materials
AFOSR/NA**



Role of Research in the Acquisitions

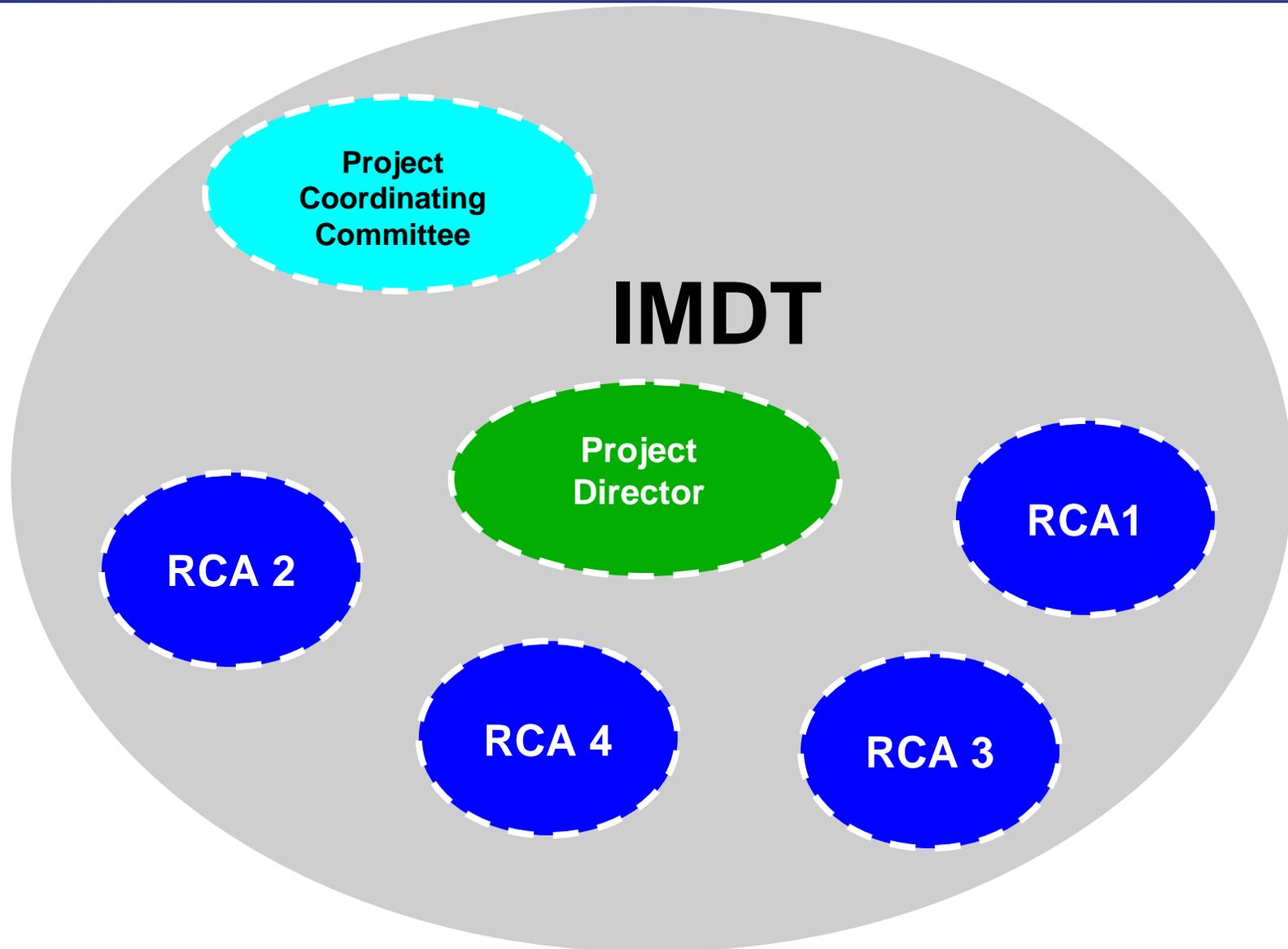


6.1
Guy





Interactive Design Organization





Desireable Characteristics of an IMDT and Project



- **Relevance to AF area of interest ensured by continuous interaction with AFRL Technical Directorate**
- **Well-defined and bounded EFA supported by appropriate RCAs**
- **Research plan driven by requirements set by EFA**
- **Intended outcomes and deliverables, if any, identified**
- **Transition to user community validated by participation of industrial team member**



Examples of AF Application Areas for Metals

(not prescriptive or limiting)



- **High specific strength airframe structures with integral health monitoring capability**
- **Aircraft gas turbine components capable of operating at 1250° C or above**
- **Munitions components having selective energy release capabilities**
- **Multifunctional components for aircraft and structures for operation in space**



Think Out of the Box

