NIH Enhanced Peer Review Criteria – Charting the Key Concepts

**Significance**
- Does research address **Important Problem**? or **Critical Barrier**?
- Will achieved aims lead to **improvement** in **Knowledge**? and/or **Technical capability**? and/or **Clinical practice**?
- Will achieved aims lead to **change** in **Concepts**? and/or **Methods**? and/or **Technologies**? and/or **Treatments**? and/or **Interventions**?

**Innovation**
- Will this project **challenge/seek to shift** **Current research/clinical practice paradigms**?
- Using **Novel theoretical concepts**? and/or **Novel approaches**? and/or **Novel methodologies**? and/or **Novel instrumentation**? and/or **Novel interventions**?
- And are these **Novel to one field**? or **Novel in broad sense**?
- Is application proposing **Refinement**? or **Improvement** or **New application**?
- In **Theoretical concepts**? and/or **Approaches**? and/or **Methodologies**? and/or **Instrumentation**? and/or **Interventions**?
- Then will **Strategy establish feasibility**? **Risky aspects be managed**?
- Then does application justify in terms of science/research goals **Inclusion of human subjects and address risks**?
- Does project involve **Clinical research**? **Inclusion of minorities, both sexes, children**

**Approach**
- Are **Strategy** and **Methodology** and **Analyses**
- **appropriate to accomplish aims**?
- Does application present **Potential problems** and **Alternative strategies** and **Success benchmarks**
- Is project in **Early stages**?