<u>Innovation Theme</u>

Premise
1) Importance of innovation
2) Role of engineering in innovation

Why is it important?

Factors at work
- Jobs, economy, security
- Grand challenges (global sustainability, defense, health)
- Opportunities (info-bio-nano systems)

INNOVATION

Required federal investments

- Knowledge (research)
- human capital (education)
- infrastructure (facilities)
- policies (tax?)
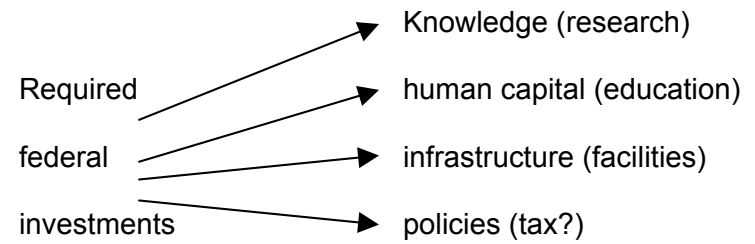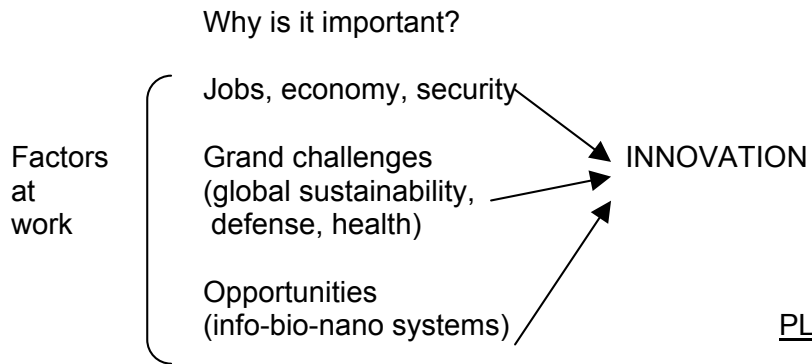
- Deterioration?
- or lost opportunity costs?

<u>PLUSES</u>

1) Bread and butter issue
2) Diplomatic way to separate engineering from science
3) Mechanism: National Innovation Initiative (Act?)
4) Maximizes coalition