Materials Science and Metallurgy?
How can Mark Koopman help?

- Life Cycle Analysis
- Materials for containing and transporting food
- Electron microscopy and materials characterization
Life Cycle Analysis

• Research possibilities
  - Energy use analysis for food
  - Locally raised vs. long distance, domestic vs. imported
  - Division of energy used in production, transportation, preparation of food

• Teaching possibilities
  - Willing to guest lecture or exchange guest lectures

“I am dependent on foreign oil. Not that kind. Olive.” - Gary Adamkiewicz
Materials Science and Metallurgy

- Food containers
- Reactivity of container materials with different food products
  - Surface roughness
  - Corrosion or other surface changes
- Reusability and Recyclability
- Reduction of mass
- Reduction of polymer use
Timeline

- Milestone 1: Date 1
- Milestone 2: Date 2
- Milestone 3: Date 3
- Milestone 4: Date 4
Timeline

Date 1  Date 2  Date 3  Date 4
Timeline

Date 1

Date 2

Date 3

Date 4
Looking Ahead

• When is the next milestone?
• What are the expected deliverables?
• Known risks and issues
  ○ What is the investigation timeline for these issues?
• What are the immediate next steps?
Dependencies and Resources

- Vendors
- Remote Teams
- Manufacturing
- Engineering
- Sales
Appendix
Appendix

• Budget
• Design documents
• Marketing plan
• Supplemental documents
• Contact information