

HPMI: High-Performance Materials Institute

CEAM: Center of Excellence in Advanced  
Materials

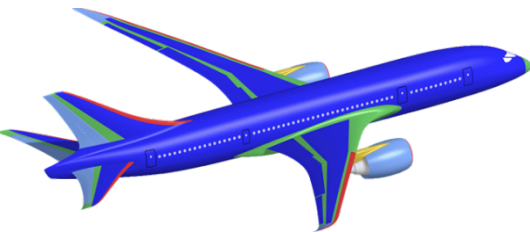
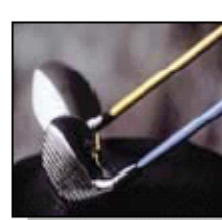
Ben Wang

on Behalf of HPMI & CEAM Students, Staff and Faculty

March 25<sup>th</sup>, 2009

# Composites are a \$110B industry that keeps growing...

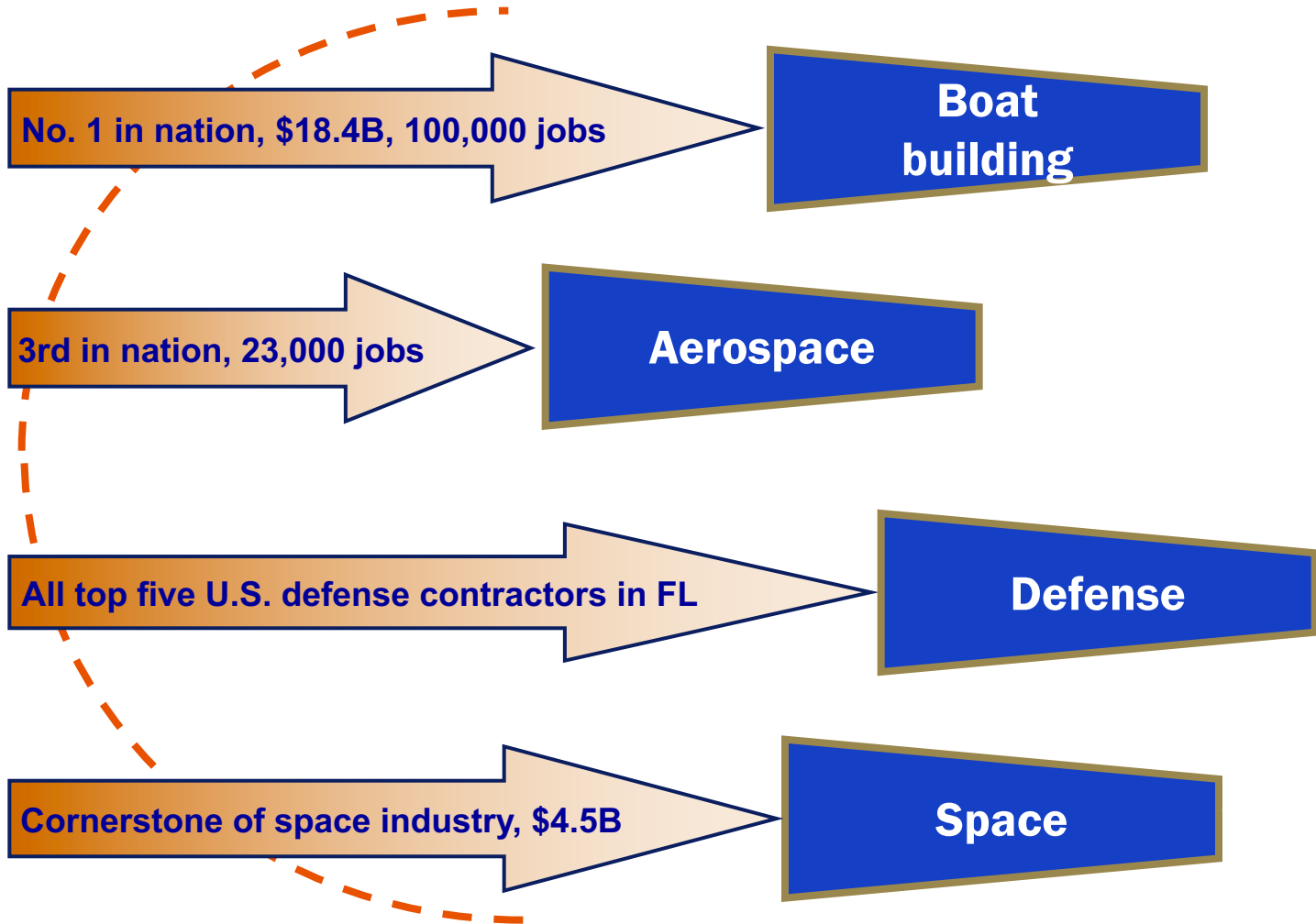
- ❖ Super-strong plastics of fiber-reinforced polymers
- ❖ Lightweight (at least 35% weight reduction → better fuel economy, less dependence on foreign energy sources)
- ❖ Driver and passenger protection and safety
- ❖ Durability and low life cycle cost

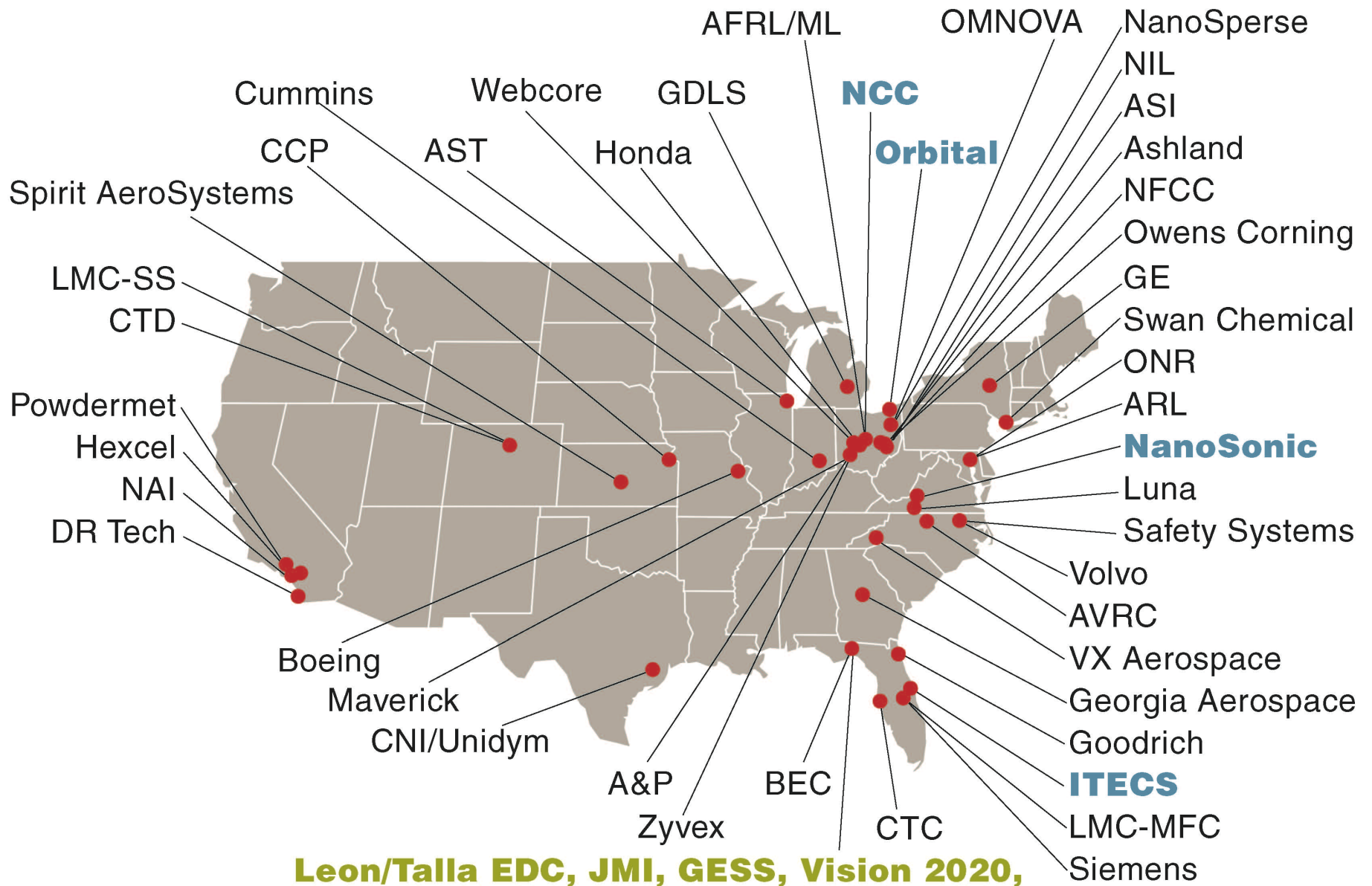


# Florida is in a leadership position in key composite market sectors

Market Research

Products and Jobs





**Leon/Talla EDC, JMI, GESS, Vision 2020,  
 Venture Boosters, FSU College of Business**

# A commercialization gap

**CEAM: Center of Excellence in Advanced Materials**

Innovation leading to products and jobs

Traditional University Role

Innovations to products and jobs

Mass production market

