

# Compete.

Innovation Stimulators: Talent, Investment, Infrastructure

November 18, 2008

Dr. Cynthia McIntyre



**Compete.**

Council on  
Competitiveness



# Innovation Stimulator: Land-Grant Colleges



- Morrill Act of 1862
- Created or funded over 70 colleges
- Aggregated **talent**
- **Invested** land or cash
- Created a durable **infrastructure**

# Innovation Stimulators: Investment



- Small Business Investment Corporations
  - Public-private partnership (venture capital, private equity, etc)
  - Apple, Federal Express, Intel, Sun Microsystems
- **Talented** entrepreneurs
- Billions in total investments
- Lasting **infrastructure**

# Innovation Stimulator: Open Innovation



- Public-Private Partnerships
  - US government grants specifying international institutional collaboration (NSF, DOE, etc.)
  - US government Small Business Innovation Research
- Transatlantic Memoranda of Understanding between universities
  - Elevate: Institutionalize research collaboration
  - Accountable: University academic leadership
  - Intellectual property
  - Catalyze: pre-existing research relationship
  - RPI Start: Birkbeck College, Ecole Polytechnic

- Entrepreneurial Technology Transfer
  - RPI Startup Company—Solidus
  - Biotechnology Company
  - Toxicity technology



**Compete.**

---

**Council on  
Competitiveness**