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National Academy of Engineering 2003 Study

- **Impact of Academic Research on Industrial Performance**
- **Panel on Transportation, Distribution and Logistics (TDL)**

Academic Research

- The contributions of academic research to integrated logistics have been significant
- Federal funding agencies have not recognized logistics as a separate intellectual discipline and thus have not funded potentially high impact research in the field

Technology Transfer

- **Involvement of member companies in research institutes is the only institutional method of technology transfer**
- **Spin-off companies founded by professors have been the largest identifiable contributor to technology transfer**
- **Graduate students have made significant contributions to transfer of technology**

Industry Research

- Few companies conduct their on research in TDL and those that do are more focused on development than research
- The lack of industry demand for research and research based innovation has made it difficult for academic researchers to identify high priority problems

Requirement for Research Impact

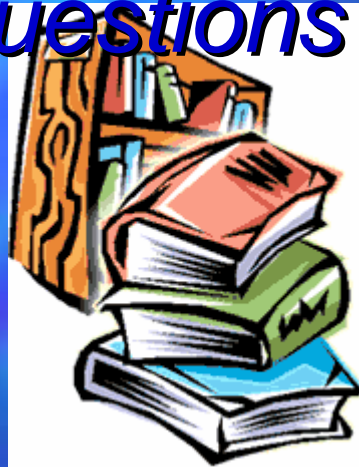
- Research important to industry requires researchers who understand the industry and the subtleties of the problems industry faces as well as the academic methodologies that might solve them.

University Research Centers

- University research centers have the potential to significantly improve university-interactions
- Only a few research centers focus on TDL
 - ✓ *Georgia Tech's Logistics Institute*
 - ✓ *MIT's Center for Transportation Studies*
Stanford University's Global Supply Chain Management Forum
 - ✓ *Princeton University's CASTLE Lab*



Questions



Comments

