TECHNOLOGY TRANSITION

CHALLENGES FROM THE ACADEMIC PERSPECTIVE

NDIA CONFERENCE - 2003
TECHNOLOGY TRANSITION

CHALLENGES FROM THE ACADEMIC PERSPECTIVE
and/or
CHALLENGES OF WORKING WITH THE ACADEMY

NDIA CONFERENCE - 2003
RESEARCH UNIVERSITY ROLES

- Teaching
- Research
- Public Service
- Tech Transfer/Economic Development (?)
“Remember, our job is to expand the boundaries of science and make a buck at the same time.”
CURRENT OPPORTUNITIES

- Homeland Security
- Bioterrorism
- Enhanced/New Opportunities in Life, Chemical, and Environmental Disciplines
- Opportunities to Involve New Faculty
CURRENT CHALLENGES - FINANCIAL

- Public Funding Reductions
- Federal Research Funding Instability
- Corporate Research Funding Instability
- Endowment Corpus Losses
- Health Care Reimbursement Reductions
- Increasing Regulatory/Compliance Burden
CURRENT CHALLENGES – PRIVATE SECTOR

- Maintenance of Academic Culture and Integrity
- Identifying the Outcome of the Relationship
- Professional Reward System
- Clarity/Flexibility in University Policies and Procedures
- New Government Regulations
PERCEIVED BENEFITS OF PRIVATE SECTOR RELATIONSHIPS

- Outlet for Application of Knowledge
- Student Learning Opportunities
- Grant and Contract Revenue
- Philanthropy
- Consultantships
- Option/License Revenue
Work with Faculty and Institutions with "DI" Experience
Stay Close to Faculty PI’s
Understand Forces/Pressure on Faculty
Incentivize Faculty PI’s
Expose “Rookies” to “Veterans”
Cover “Full” Direct and Indirect Costs
“I’m a scientist and the world’s in imminent peril, that’s why.”