

TECHNOLOGY TRANSITION

CHALLENGES FROM THE ACADEMIC PERSPECTIVE

NDIA CONFERENCE - 2003

TECHNOLOGY TRANSITION

**CHALLENGES FROM THE
ACADEMIC PERSPECTIVE**

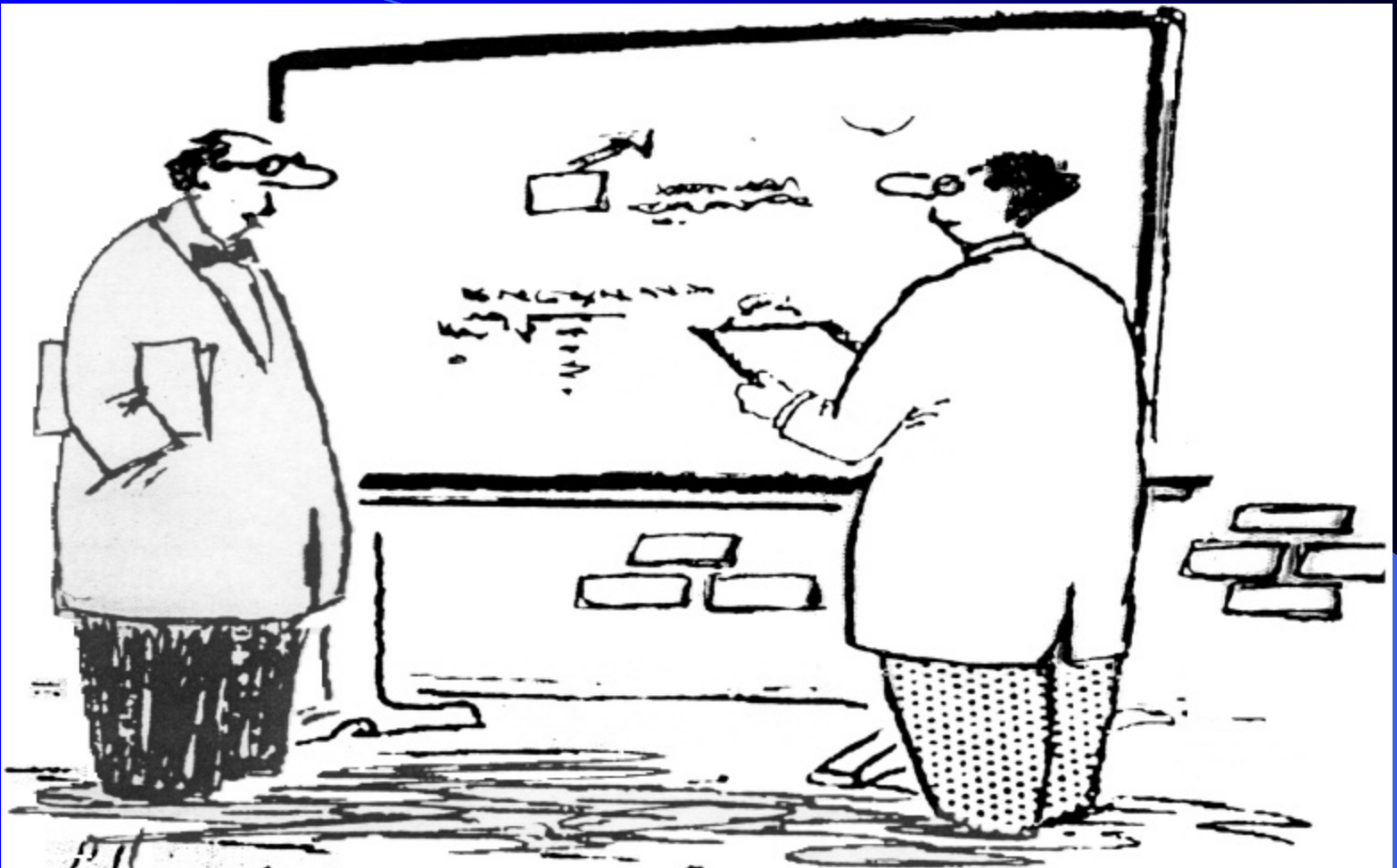
and/or

**CHALLENGES OF WORKING
WITH THE ACADEMY**

NDIA CONFERENCE - 2003

RESEARCH UNIVERSITY ROLES

- **Teaching**
- **Research**
- **Public Service**
- **Tech Transfer/Economic Development (?)**



Wolff

"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**

SUGGESTIONS FOR SUCCESS

- **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.”**

*Opportunities
for Ideas*

**MUSC
FRD**



roozen@musc.edu
843-876-1902