Research Videotape
Introductory Remarks

UM history
Today UM as one of nation’s leaders
Research
...not abstraction
...but rather that affects lives
UM research
...polio vaccine
...maser
...holography
...consumer confidence polls
...comparative studies of K-12 in Asia and US

Key:
UM research touches the lives of a great many people...in a great many ways
But there are also lots of questions
...relationships between research and teaching
...how do we finance research results to society we serve
...what about pressures of grantsmanship
...scientific misconduct...integrity
...changing intellectual directions...
...larger scale team efforts
...interdisciplinary efforts

Guests:
James Winn, Director of Institute of Humanities
Francis Collins,
Homer Neal, chair of Physics, former NSB member, Smithsonian member
Sarah Newman, AVP Research
Sheldon Danziger, Director of Poverty Institute

Questions:
1. Ask each participant to briefly describe their own area of research
2. Changing nature of research
...interdisciplinary activities
...shortening timespan between discovery and application
...size and scope...teams...
3. Relationship between research and teaching
...reward structure
...how should we evaluate research capability
4. Research funding
...describe system...
...partnership to procurement--accountability, etc.
...grantsmanship
...pressures
5. Scientific Misconduct--Academic Integrity