

# Industry Relationships in Medicine

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# Disclaimer and Disclosure

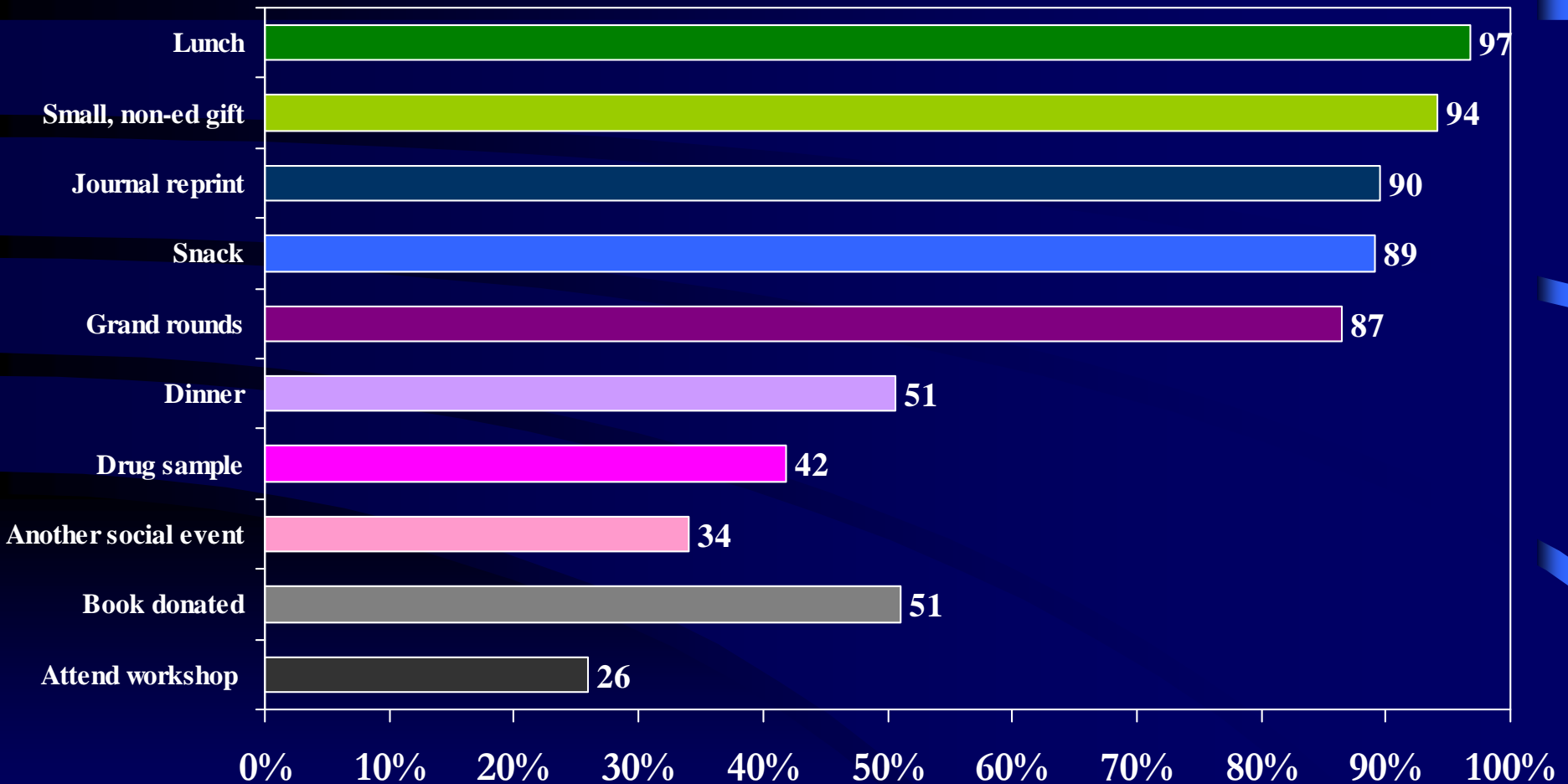
- Comments do not represent the views of the IHP, MGH, or HMS
- No relationships of any kind with any firm whose products or services in any way relate whatsoever to the life science research enterprise
- Research funding is from the NIH and the Greenwall Foundation, IMAP

# Types of Relationships

- Individual Research Relationships
  - Grants and contracts,
  - Consulting
  - Gifts
  - Equity/ownership positions
  - Trips
  - Samples
- Institutional
  - Discretionary funds
  - Equipment
  - Buildings
  - Programs

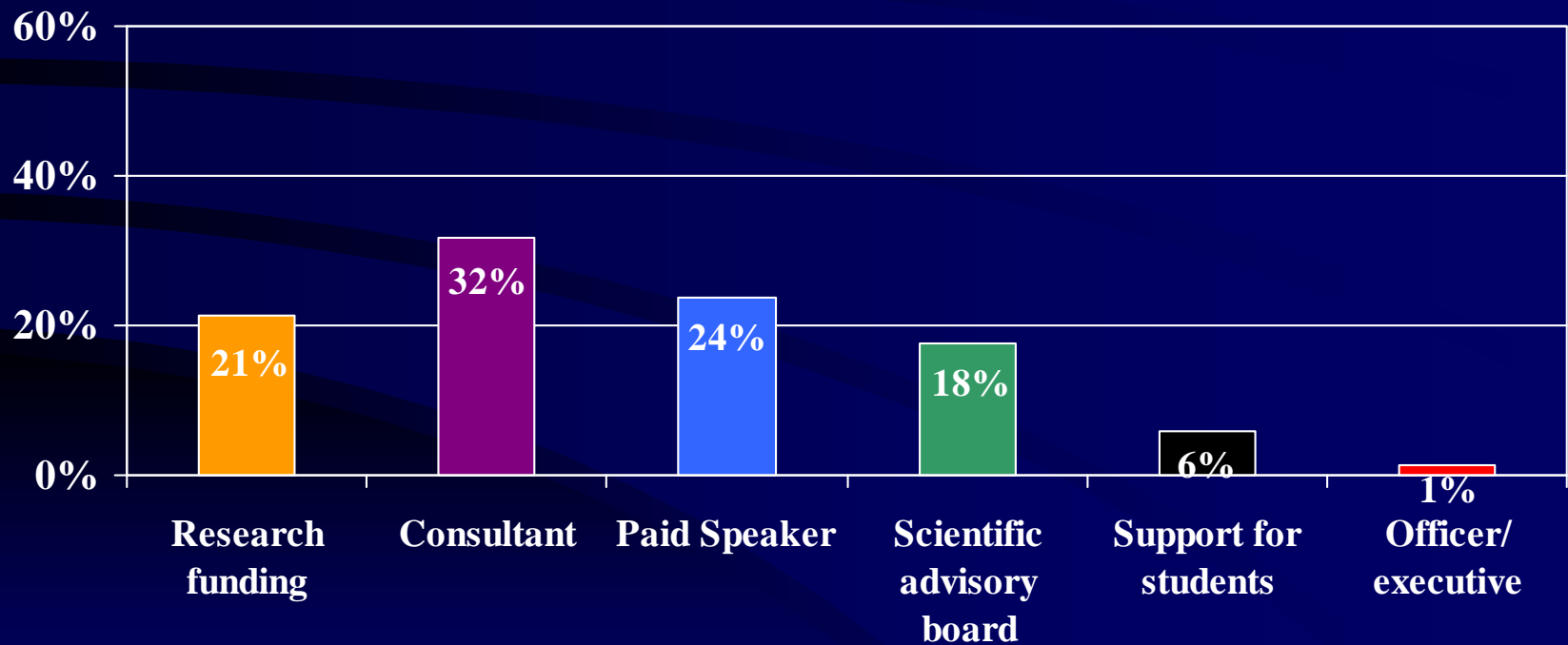
# Third-Year Medical Students' Exposure to Various Types of Drug Company Interactions

AIRs are ubiquitous in the modern life science enterprise...



# AIRs are ubiquitous.....

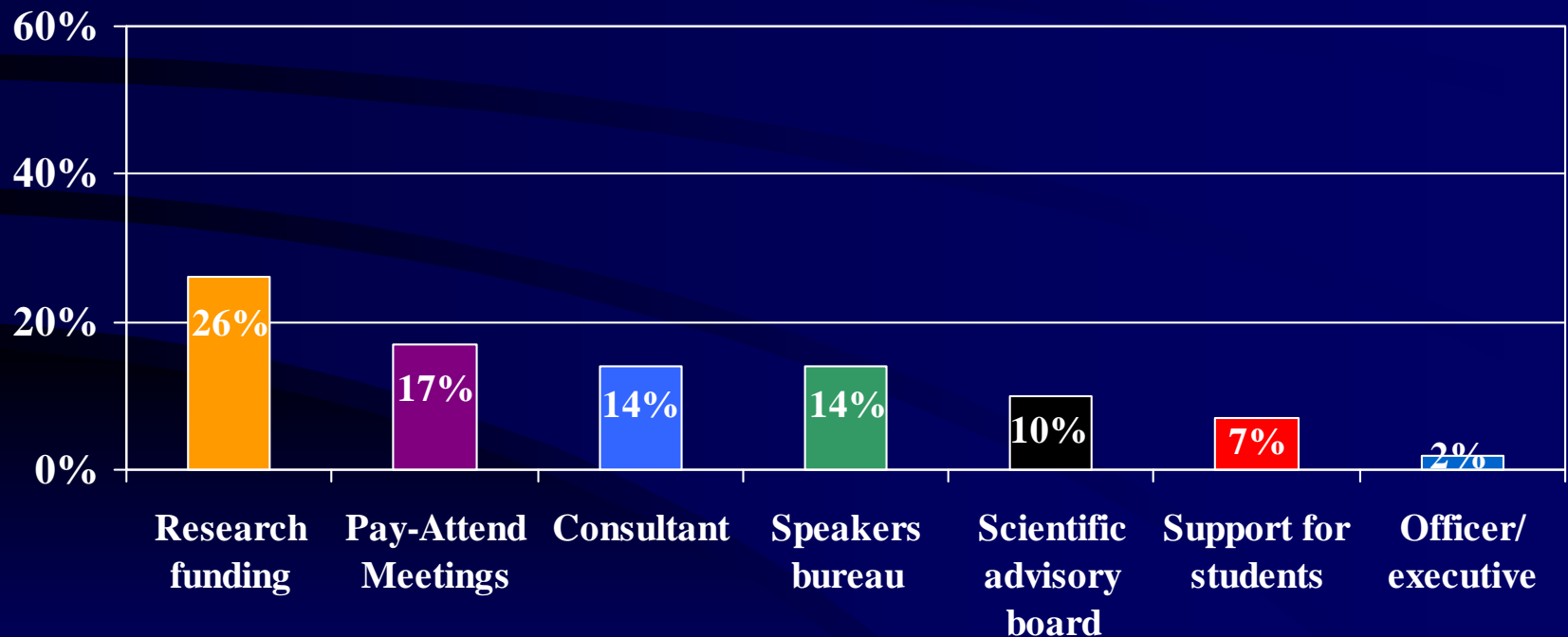
## Academic Faculty



Campbell, E.G., et al *Survey of Academic Faculty 2007*

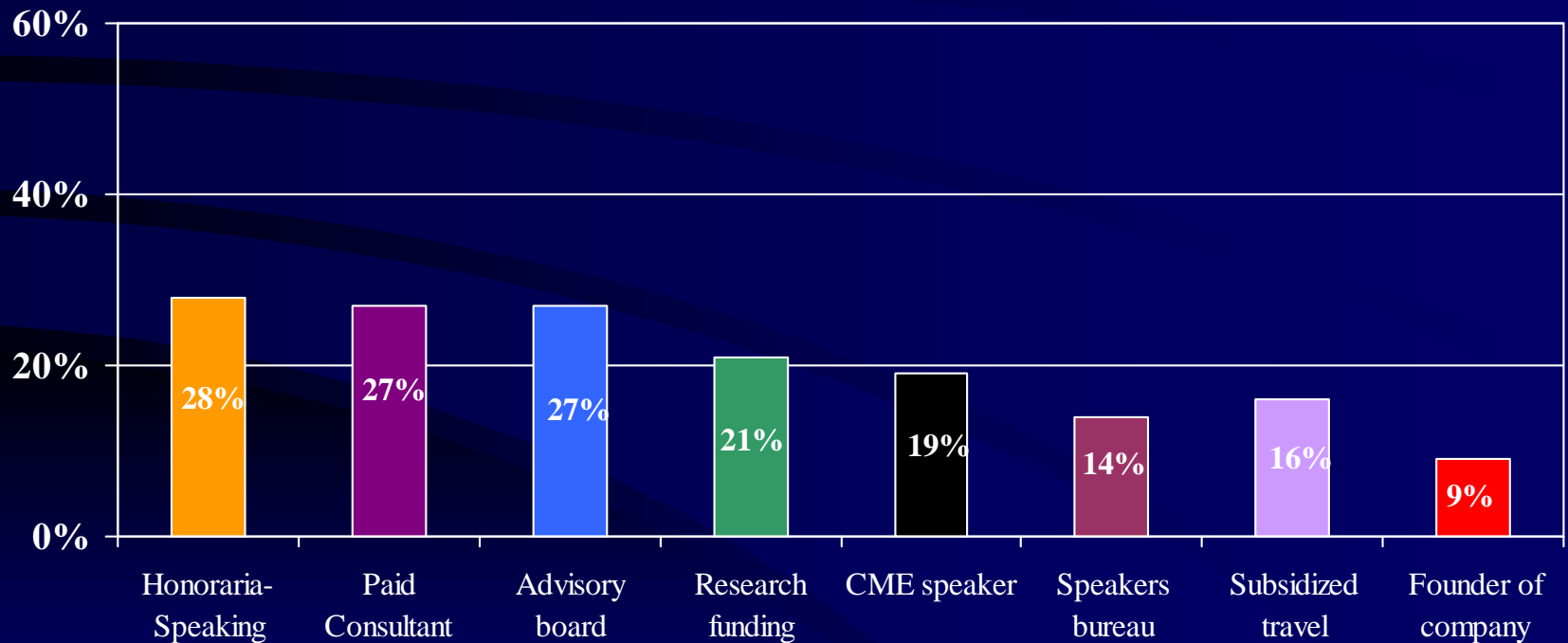
# AIRs are ubiquitous in the modern life science enterprise.....

## Percentage of IRB Members



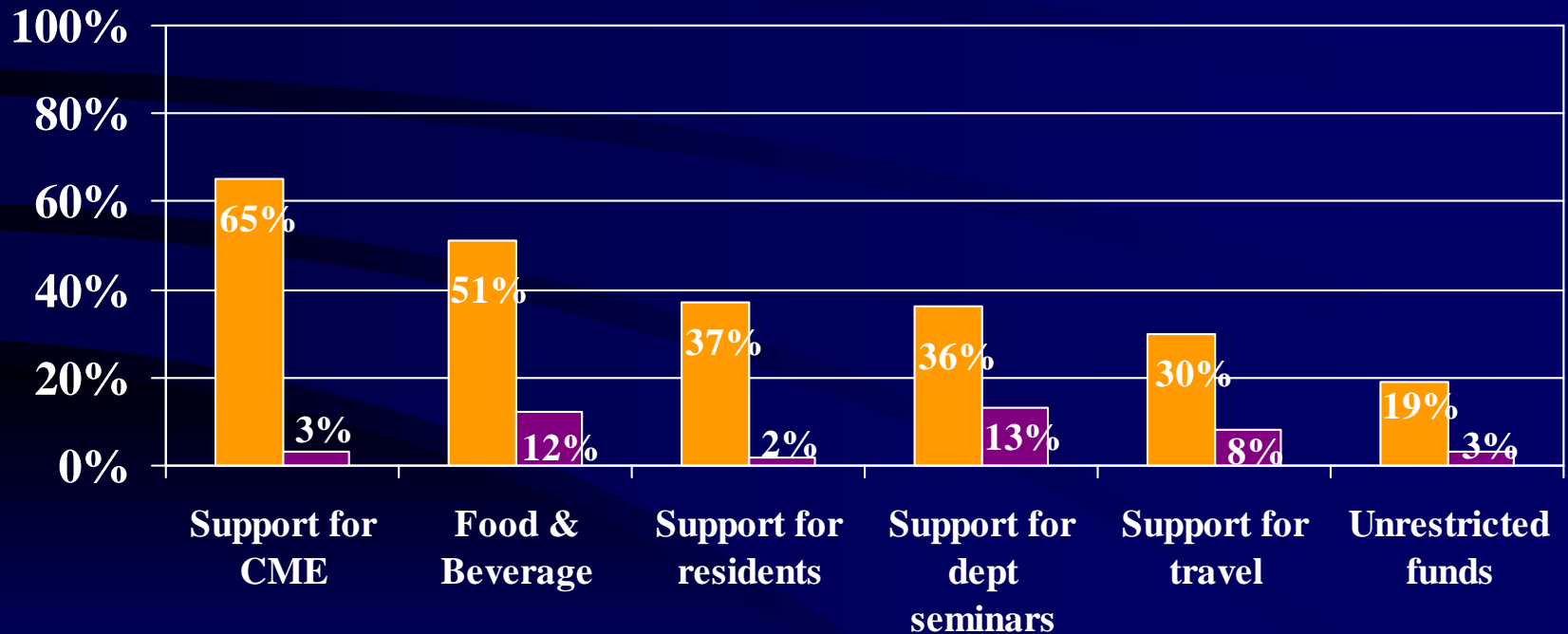
# AIRs are a fundamental part of the modern life science enterprise...

## Percentage of Department Chair Relationships



# AIRs are ubiquitous in the modern life science enterprise.....

## Percentage of Clinical and Non-Clinical Departments

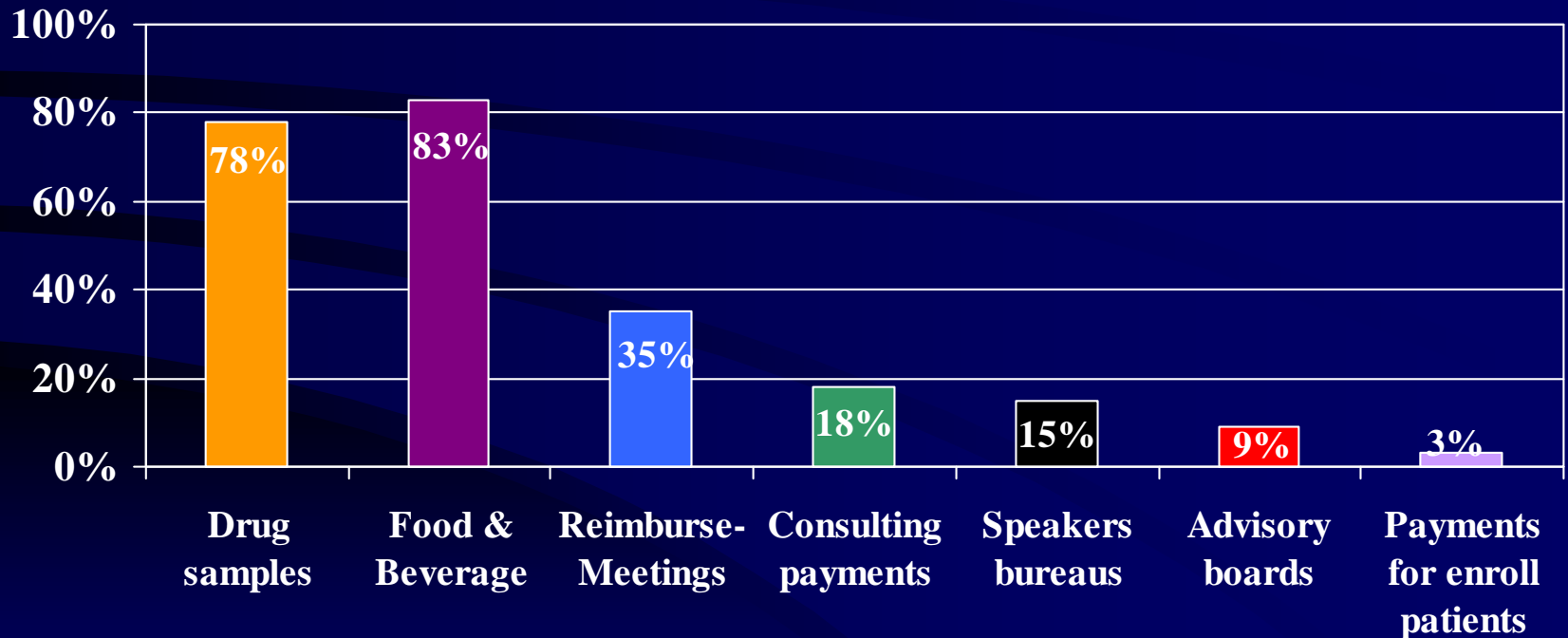


■ Clinical departments

■ Non-clinical departments

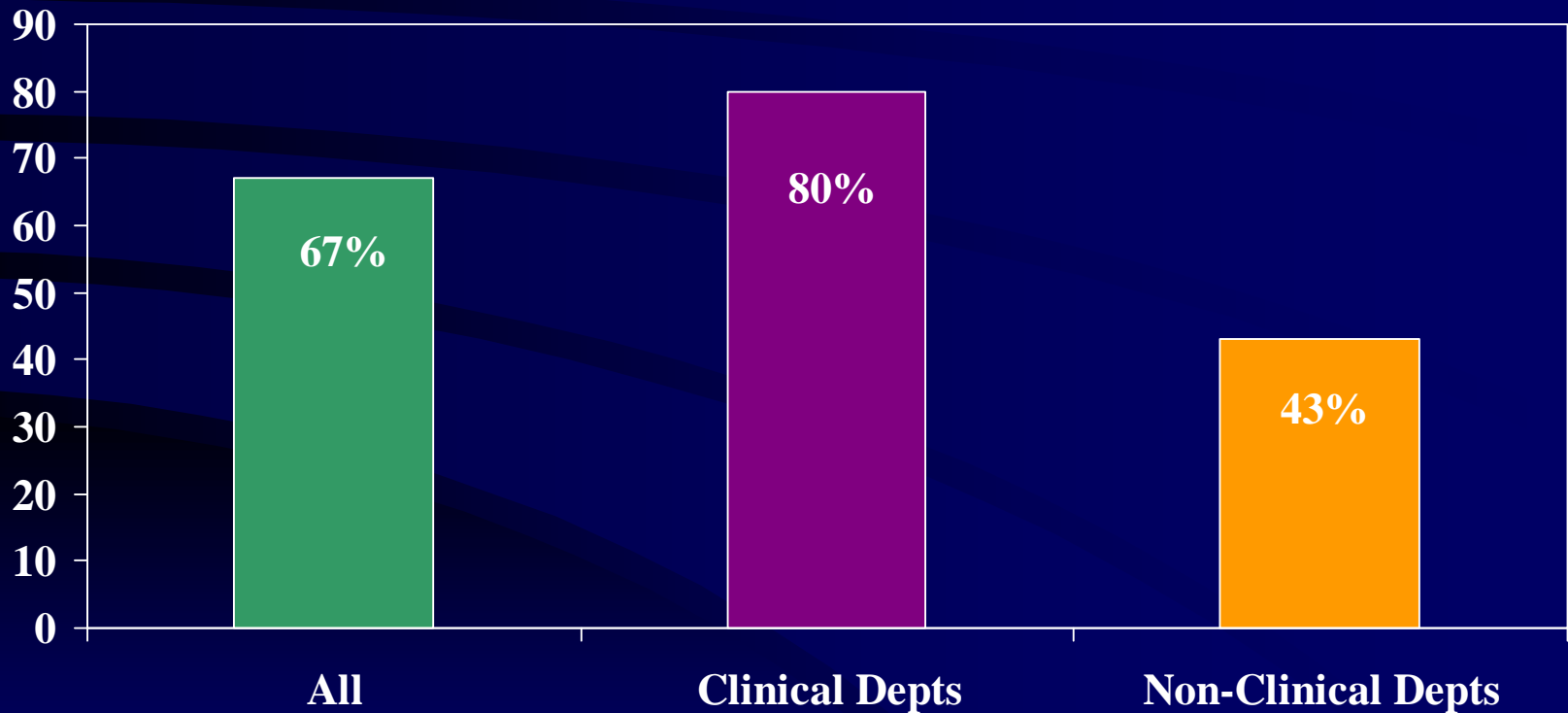
# AIRs are ubiquitous in the modern life science enterprise.....

## Percentage of Physicians



# AIRs are ubiquitous in the modern life science enterprise.....

Departments with  $\geq 1$  relationships



# AIRs have benefits...

- Funding to support research (\$1.5 billion in 1995)
- Increased academic productivity
- Increased commercial productivity
  - Patent applications, patents granted, licenses, start-ups, etc
- Increased access to resources
- Opportunity to participate in application of research
- Offset wage differential between industrial and non-industrial sectors that will assist in recruitment and retention of scientists and administrators
- Samples for poor people

# AIRs have benefits...

- New drugs and medical devices
- Access to newest information
- Address under use of medications and technology
- Free meals for physicians and staff
- Trips to nice places
- Tickets to sporting events

# Relationships have risks.....

- Industry funding is limited in amount and short in focus compared to other funding sources
- Secrecy in science
- Shifting focus of science away from basic research
- Bias in research
- Increased management and negotiation costs
- Perception of being “bought out”
- Conflicts of interest (surgical dept example)

# Failure to do so could have dire consequences for the future of the life science enterprise.

- Scandals
- Compromise of key values
  - Biased education and research
- Human subjects concerns
- Increased governmental regulation
- Loss of public support for academic science