



Medical School Faculty of the Future: Basis of the Academic Medical Center

- Clinical Faculty as members of the Academic Medical Center
 - Specialists---Tertiary care (complex and difficult cases)
 - Those who combine clinical treatment with translational research
 - Those known for cutting-edge treatment
- Increased partnerships between clinicians and scientists – much harder for individuals to be expert in both
- Research Faculty increasingly focusing on research directly affecting human health (less fundamental science).
- Change in funding sources from federal sources to foundation and pharmaceutical companies (increasingly outsourcing research)
- Research Faculty will tend to be part of large collaborative groups
- Translational research, often team science, will increasingly become the basis of academic decisions on promotion, and career advancement.
 - Challenges in measuring individual contributions to team science.

Factors causing change in the practice of medicine require increased knowledge in both traditional and non-traditional disciplines

- Technology—medical devices -- **engineering**
- Non-surgical options for treatment – **imaging, medicine**
- Personalized medicine – **genomics, proteomics, immunology**
- Internet/social networking– **IT?**
 - increased awareness of medical issues
 - More extensive knowledge base available for general public
- Political or health policy effects on health care. (Can we afford it?) – **economics, business, policy and politics**