Disease Focused Research
Built on Basic Research

Elaine Alligood, VA Boston,
Informationista & Chief
Knowledge & Library Services
Basic Research - Disease Focused Research

650 Fewer NIH Research Grants in FY14

NIH Purchasing Power cut by 25% – Sequestration

19 Billion Could be Lost – Sequester Continues 10yrs

Young Researchers leaving – Industry or USA

28% Cancer Researchers – Postponed Clinical Trials

How & Who Sets Research Priorities?
George Sgouros - Dose-Response in Radionuclide Therapy NIH
Grant: 3 R01 CA-116477-07S1
Johns Hopkins University.
Informationist: Victoria Goode, Welch Medical Library. Grant creates online radiobiology reference tool, supports patient-specific dosimetry, enables micro-scale dosimetry with macro-scale imaging data. Informationist identifies relevant literature; supports

Myron Spector Tissue Engineering-Based Rehabilitation
VA RR&D, NIH, NSF, DoD, VA Research Enhancement Award REAP
Tissue engineering-based rehabilitation implements recent advances in biomaterials, cell and gene therapies for tissue and organ regeneration in veterans affected by traumatic injury, disease, and aging. This exciting approach is emerging as a viable alternative to augmentation or replacement of organs by orthotic and prosthetic devices.
NIH chief: Cuts put U.S. science at risk

Budget pressures now force the National Institutes of Health to reject research proposals, putting scientific progress at risk and leading brightest minds to consider careers overseas, says NIH Director Francis Collins.

"In terms of scientific progress, 2013 has outstripped my expectations," Collins said. "...in terms of a downward spiral of support it has been much worse than I thought it would be at the beginning of the year."