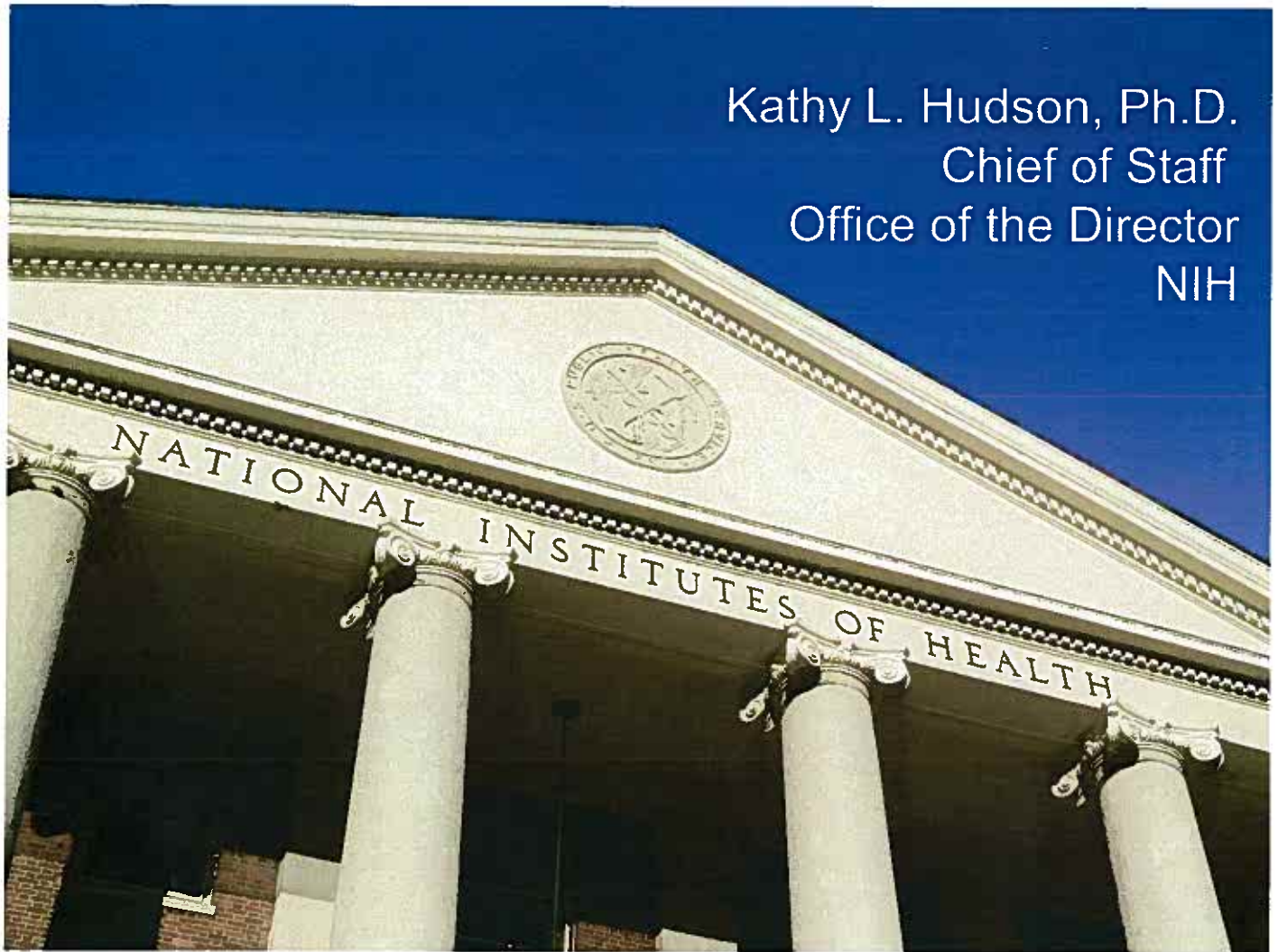
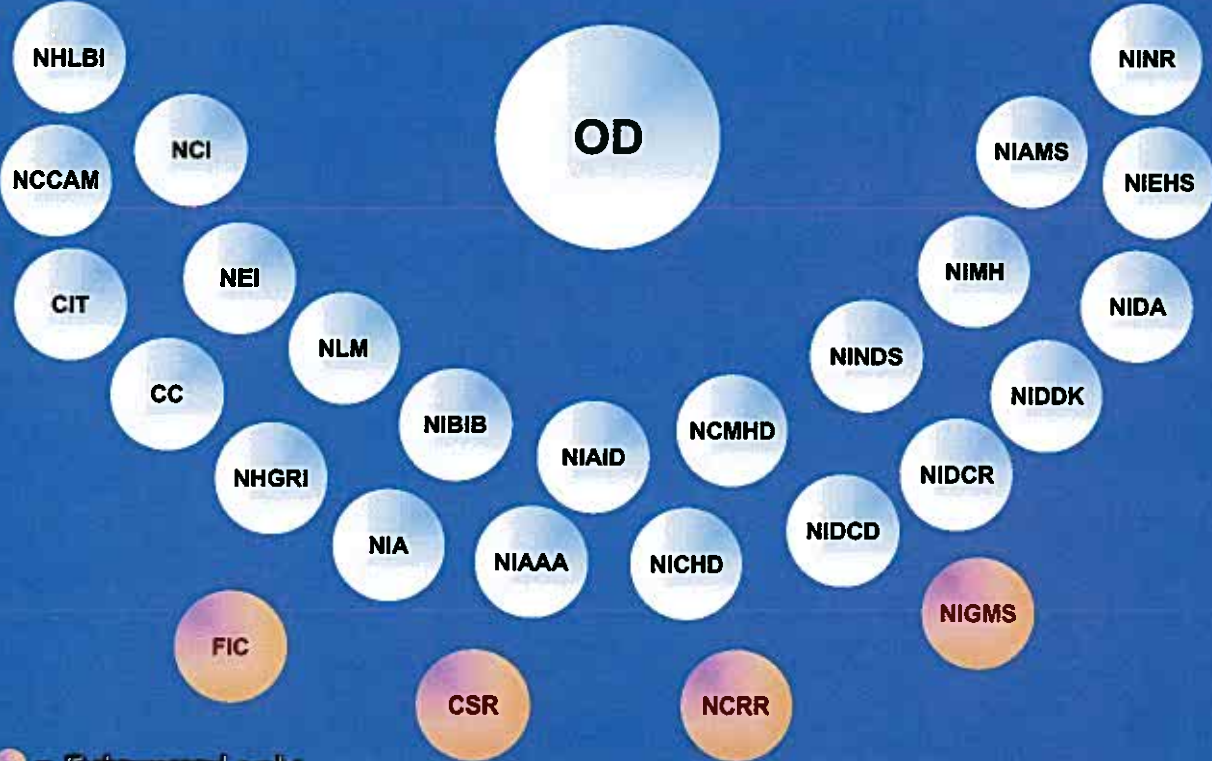


Kathy L. Hudson, Ph.D.  
Chief of Staff  
Office of the Director  
NIH



- Overview of NIH
- NIH Priorities
- Patient Protection and Affordable Care Act
- PPACA provisions relevant to NIH
  - Comparative effectiveness
  - CURES Acceleration Network
- NIH Genetic Testing Registry

# NIH's 27 Institutes and Centers



● = Extramural only

# NIH: Our Mission

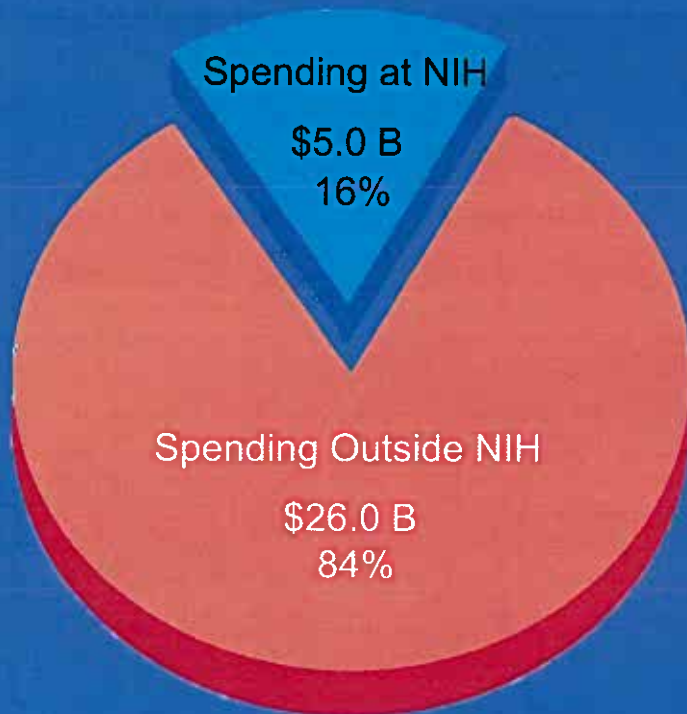


“Science in pursuit of **fundamental knowledge** about the nature and behavior of living systems... and the **application of that knowledge** to extend healthy life and reduce the burdens of illness and disability.”



# NIH Extramural & Intramural Funding

FY 2010 Final Budget: \$30.988 Billion\*



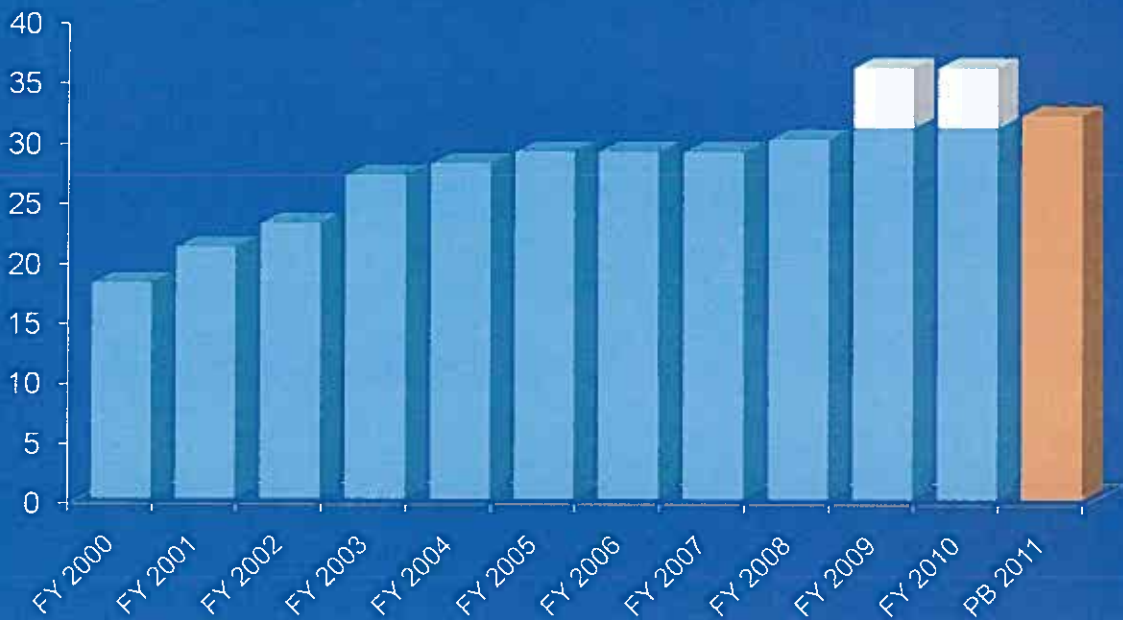
- Supports over 325,000 Scientists & Research Personnel
- Supports over 3,000 Institutions

\* Includes \$150 million from the Special type 1 Diabetes appropriation.

# NIH FY 2011 President's Budget Request

\$32.2 Billion

*Increase of \$1B or 3.2% over FY 2010 non-ARRA dollars*




\*ARRA Funding: \$5B for FY 2009, \$5B for FY 2010

Annual levels represent total budget authority, including special type 1 diabetes appropriation

http://report.nih.gov/index.aspx

U. S. Department of Health & Human Services www.hhs.gov

 NATIONAL INSTITUTES OF HEALTH  
**Research Portfolio Online Reporting Tools (RePORT)**  
REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES







SEARCH

FREQUENTLY REQUESTED REPORTS    REPORTS    CATEGORICAL SPENDING    RePORTER    GLOSSARY    FAQs    LINKS

**NEWS UPDATES**  
Friday, April 9, 2010 - Release of RePORTER ver 1.4: Major Enhancements Made to the RePORTER Tool. Several enhancements have been made to the RePORT Expenditures and Results (RePORTER) tool. [more](#)

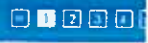
**RePORTER**  
SEARCH PORTFOLIOS OF FUNDED RESEARCH

**QUICK LINKS**


- RECOVERY ACT** 
- NIH RECOVERY ACT INVESTMENT REPORTS** 
- RePORT TUTORIAL** 
- RePORT BROCHURE** 
- BIENNIAL REPORT OF THE DIRECTOR** 
- CATEGORICAL SPENDING** 

**RESEARCH PORTFOLIO ONLINE REPORTING TOOLS (RePORT)**


In addition to carrying out its scientific mission, NIH exemplifies and promotes the highest level of public accountability. To that end, the Research Portfolio Online Reporting Tools provides access to reports, data, and analyses of NIH research activities, including information on NIH expenditures and the results of NIH-supported research.




Notice: On Saturday, April 17, 2010, availability of the RePORT website may be sporadic due to network maintenance. We apologize for any inconvenience and appreciate your patience.




Strategic Plans




Budget & Spending




Success Rates



Categorical Spending



Funded Organizations



Investigators and Trainees

## POLICYFORUM

# NIH's Major Opportunities for Research and NIH

The promise of fundamental diagnosis, prevention, disease has never been

1 JANUARY 2010

Francis S. Collins

The mission of the National Institutes of Health (NIH) is science in pursuit of fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to extend healthy life and to reduce the burden of illness and disability. The power of the molecular approach to health and disease has steadily gained momentum over the past several decades and is now poised to catalyze a revolution in medicine. The foundation of success in biomedical research has always been, and no doubt will continue to be, the creative insights of individual investigators. But there is only so much investigators are working in teams, accelerated by interdisciplinary approaches and empowered by genomics, proteomics, and technologies, so a careful balance is needed between investigator-initiated projects and large-scale community resource programs. For both individual and large-scale efforts, it is appropriate to identify areas of particular promise. There are five areas that are ripe for major advances that could reap substantial downstream benefits.

### High-throughput technologies

In the past, most biomedical basic science projects required investigators to limit their scope to a single aspect of cell biology or physiology. The revolution now sweeping the field is the ability to be comprehensive—for example, to define all of the genes of the human or a model organism, all of the human proteins and their structures, all of the common variations in the genome, all of the major pathways for signal transduction in the cell, all of the patterns of gene expression in

understand  
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treatments  
work for the

sive information about the genetic underpinnings of 20 major tumor types. This information will likely force a complete revision of diagnostic categories in cancer and will usher in an era where abnormal pathways in specific tumors will be matched with the known targets of existing therapies. Another major piece is the opportunity to understand how interactions between ourselves and the microbes that live on us and in us (the "microbiome") can influence health and disease (2).

### Translational Medicine

Critics have complained in the past that NIH is too slow to translate basic discoveries into new diagnostic and therapeutic tools in the clinic. Some of that criticism may have been deserved, but often the pathway from molecular insight to therapeutic benefit is not

bring them to  
Drug Admini

As one example, the Rare and Neglected Diseases Program will allow to be taken NIH in an effort to focus on the, furthermore, as information about diseases increases, many are being defined in distinct molecular subsets, and some of these model will be even more widely applicable.

The first human protocol (for spinal cord injury) involving human embryonic stem cells (hESC) was approved by the FDA in 2009, and the opening up of federal support for hESC research will bring many investigators into this field. The capability of transforming human skin fibroblasts and other cell types induced pluripotent stem



NIH RESEARCH

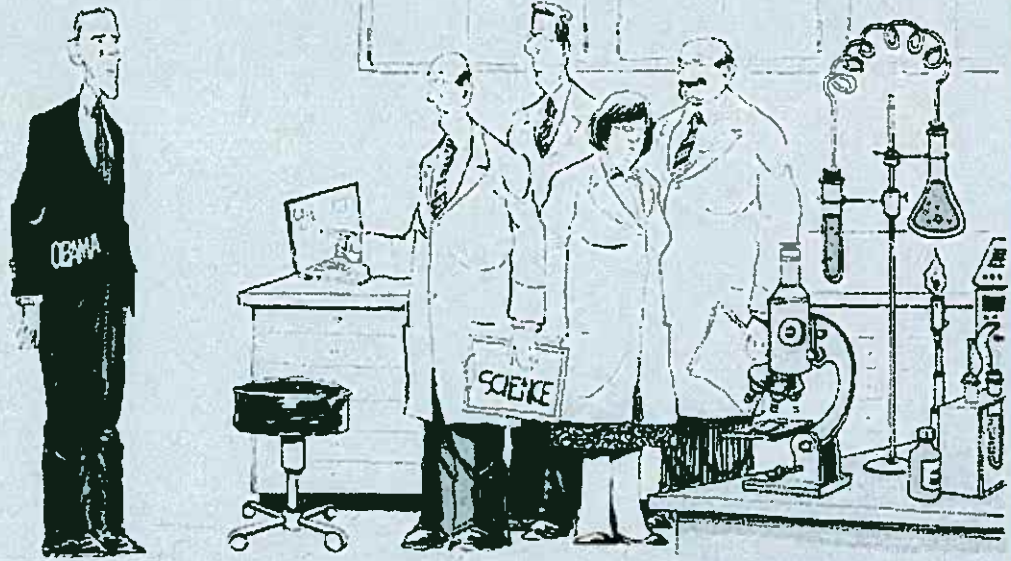
# Committed to Science and to Improving Health

“Here at the National Institutes of Health and at universities and research institutions across this country, you are demonstrating our capacity not just as a nation, but as human beings to harness our creativity and our ingenuity to save lives, to spare suffering, to build a better world for ourselves, our children and our grandchildren.”

President Obama at NIH September 30, 2009



SHEWAN



"WHAT YOU ACTUALLY WANT OUR ADVICE? THE LAST GUY CALLED US NERDS AND BROKE OUR GLASSES."