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Program Director
NCI/NIH

# Introduction to the NIH Grants System and NCI's Division of Cancer Biology





#### **Outline**

- Overview of NIH, NCI, and the Division of Cancer Biology
- Fundamentals of the NIH Grants System

# NIH is an agency within the U.S. Department of Health and Human Services (DHHS)



Source: http://www.hhs.gov/budget



### The National Institutes of Health

Office of the Director



Francis Collins, M.D., Ph.D.

















































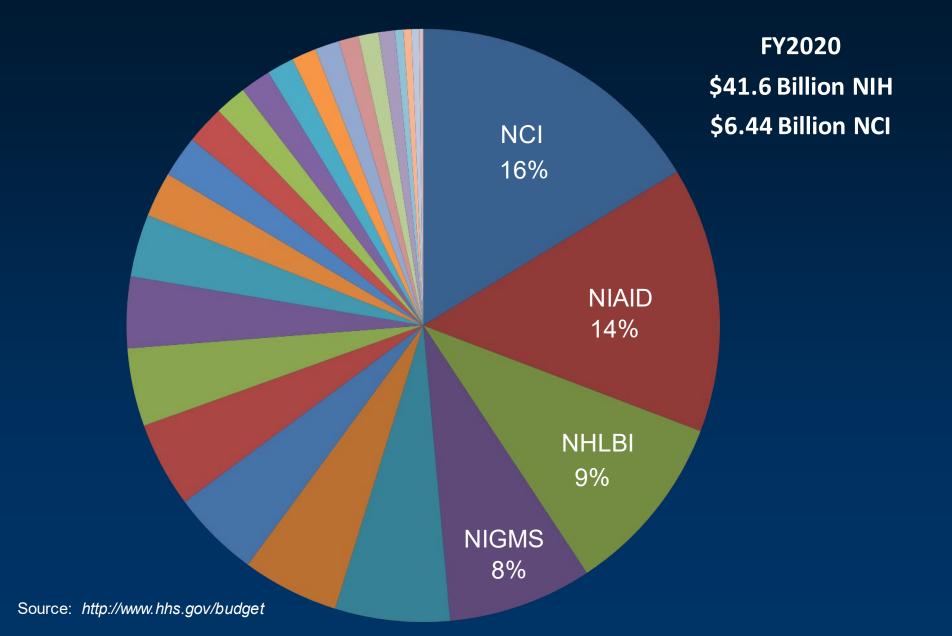






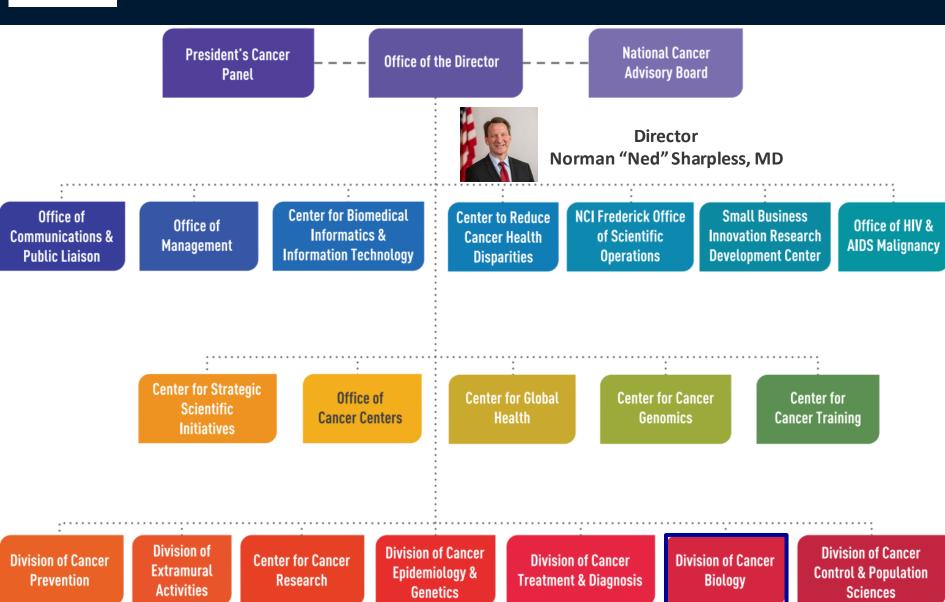
Source: http://www.nih.gov

# NIH Budget Allocation by Institute/Center





### **Organization of the National Cancer Institute**



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#### **National Cancer Institute**

(FY2020 budget: \$6.4 Billion)

Research Management Support (~8% budget)

Intramural Research (~17% budget)

Extramural Programs (~75% budget, ~7000 grants)

Center for Cancer Research

Division of Cancer Epidemiology and Genetics

**NCI-Frederick** 

Office of the Director (~2000 grants)

Division of Cancer Biology (~2000 grants)

Division of Cancer Treatment and Diagnosis (~1700 grants) Division of Extramural Activities (0 grants)

Division of Cancer Prevention (~500 grts.)

Division of Cancer Control and Population Sciences (~700 grants)

# NIH NATIONAL CANCER INSTITUTE

https://www.cancer.gov/about-nci/organization/dcb

1-800-4-CANCER Live Chat **Publications** Dictionary a ABOUT NCI ABOUT CANCER CANCER TYPES RESEARCH GRANTS & TRAINING NEWS & EVENTS search Home > About NCI > NCI Organization Office of the Director **Programs** Director: Daniel Gallahan, Ph.D. Physical Sciences Oncology Network (PS-ON) Cancer Systems Biology Consortium (CSBC) **Cancer Cell Biology** Cancer Immunology, **DNA** and Hematology and Chromosome Branch **Etiology Branch Aberrations Branch** Chief: Chief: Chief: Rihab Yassin, Ph.D Kevin Howcroft, Ph.D. Judy Mietz, Ph.D. Structural Biology **Tumor Biology and Tumor Metastasis** Microenvironment and Molecular **Branch Applications Branch** Branch Chief: Chief: Chief: Joanna Watson, Ph.D. Jennifer Couch, Ph.D. Jeffrey Hildesheim, Ph.D.



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## Appropriations: Funding The NIH



- ➤ The NIH budget is specified by Congress through a yearly appropriations bill which is signed into law by the President.
- Provides each IC with specific funds to carry out their respective programs and missions.
- The fiscal year begins October 1.

### **How Does NIH Solicit Applications?**

- Funding Opportunity Announcements (FOA)
   published through the NIH Guide
   (<a href="http://grants.nih.gov/grants/guide/">http://grants.nih.gov/grants/guide/</a>)
- Parent Announcements cover basic mechanisms (e.g. Parent R01)
  - investigator-initiated research projects
- Special Announcements to fill gaps
  - Requests for Applications (RFA)
  - Program Announcement (PA) / NOSI
  - Program Announcement with Special Review (PAR)
  - Program Announcement with Set Aside (PAS)

## The NIH Grant Application Cycle

**Investigator** Initiates Research Idea



**Center for Scientific Review** 

Assign to SS Assign to Institute

Study Section: Scientific Review Officer

**Review for Scientific Merit** 

**Institute: Program Director** 

**Programmatic ♦ Evaluation** 

**Advisory Councils and Boards** 

2<sup>nd</sup> Level Review Recommendations

**Institute Director** 

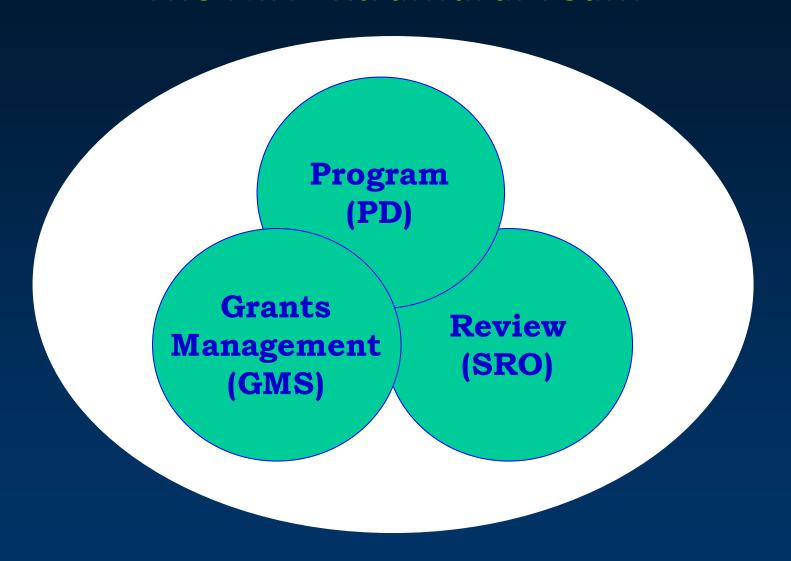
**Takes Action** 

**Conducts** Research

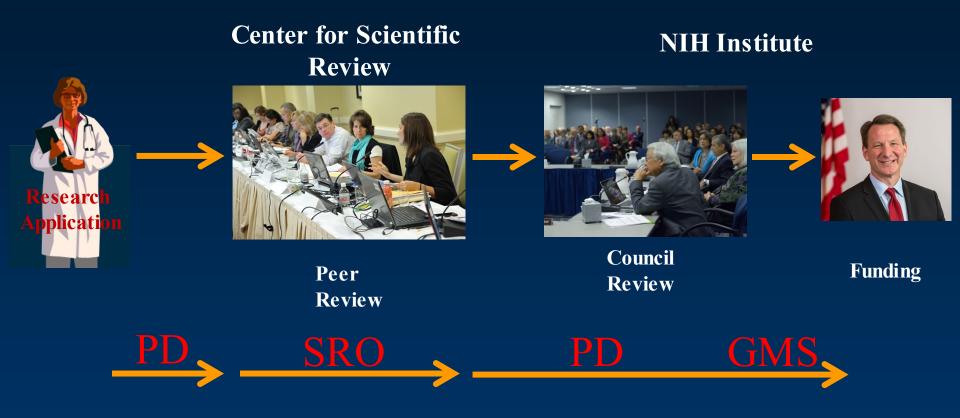
**Allocates Funds** 

**Grants Management Specialist** 

### The NIH Extramural Team



## NIH Grants Application Cycle



# NIH Grants System & Division of Cancer Biology

