

Ian Fingerman Ph.D.
Program Director
NCI/NIH

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

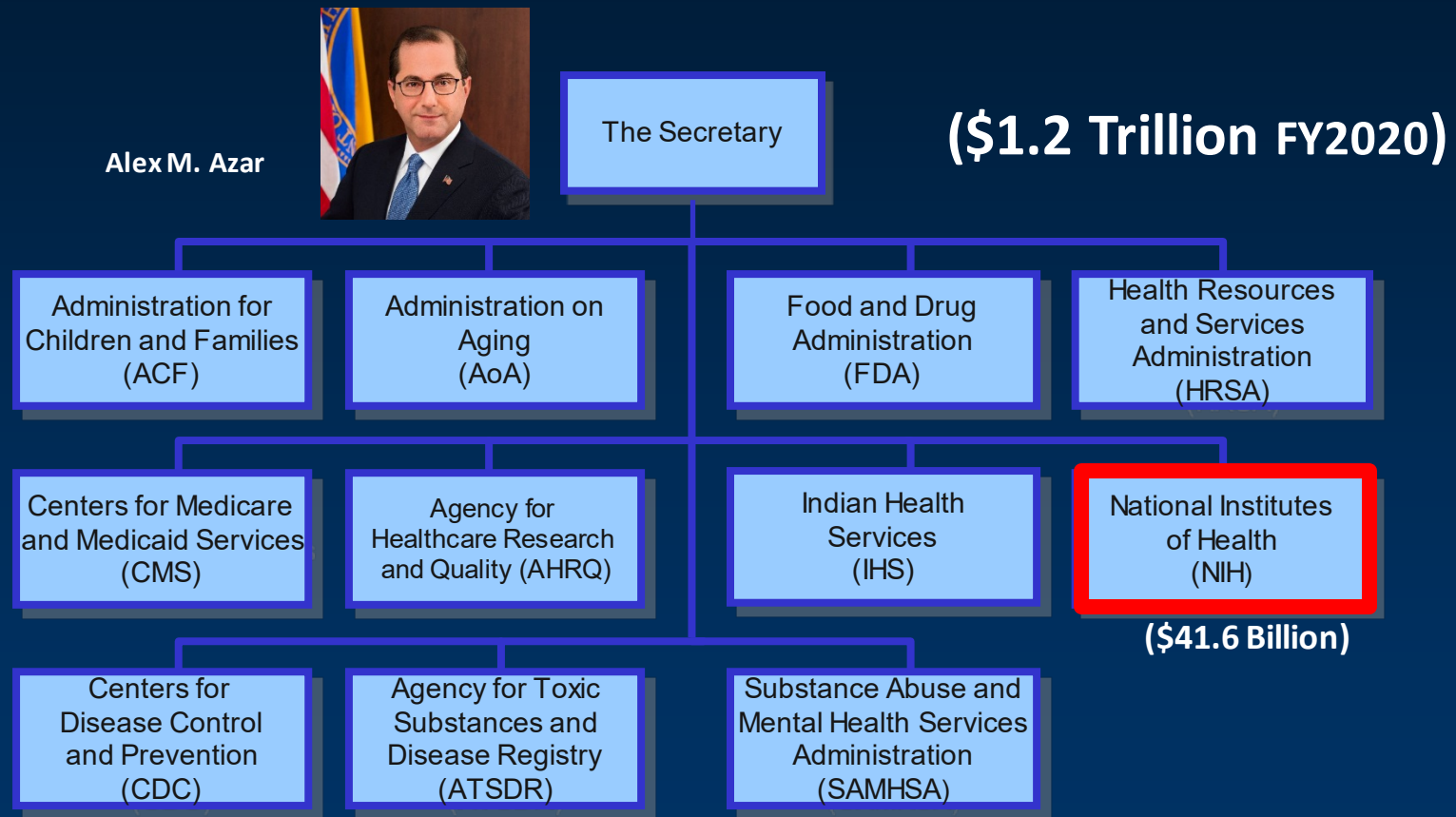




Outline

- 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)





The National Institutes of Health

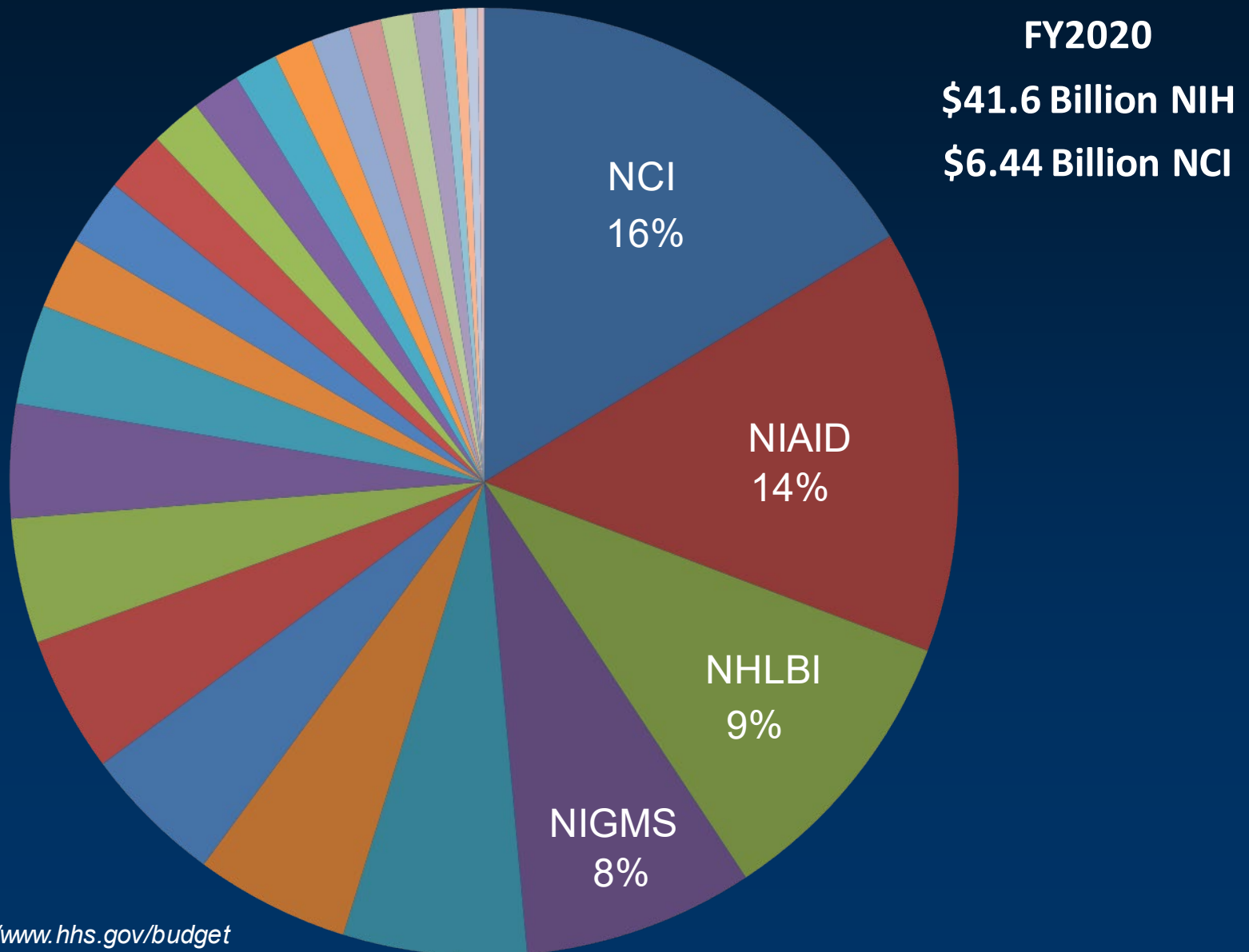
Office of the
Director



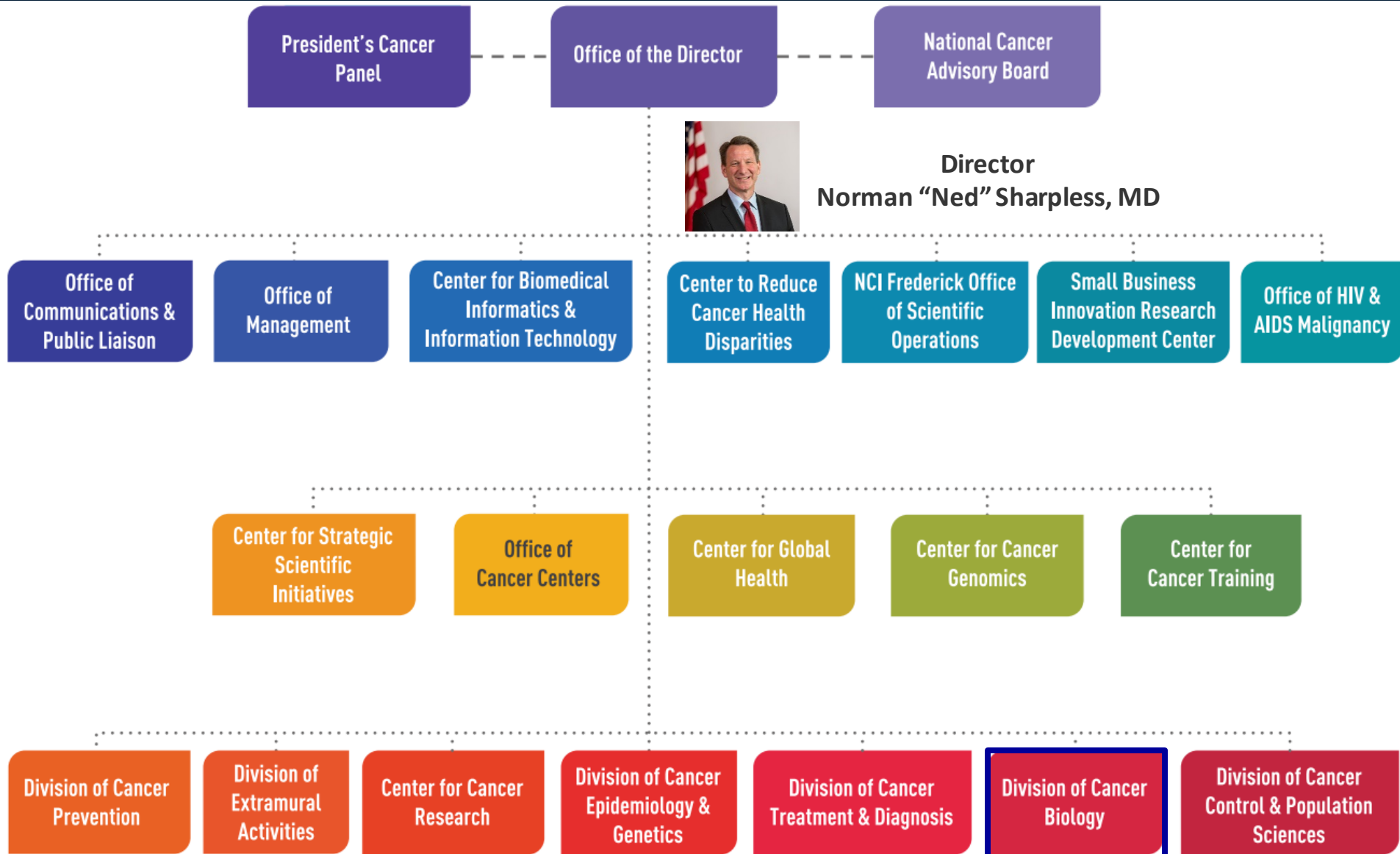
Francis Collins, M.D., Ph.D.



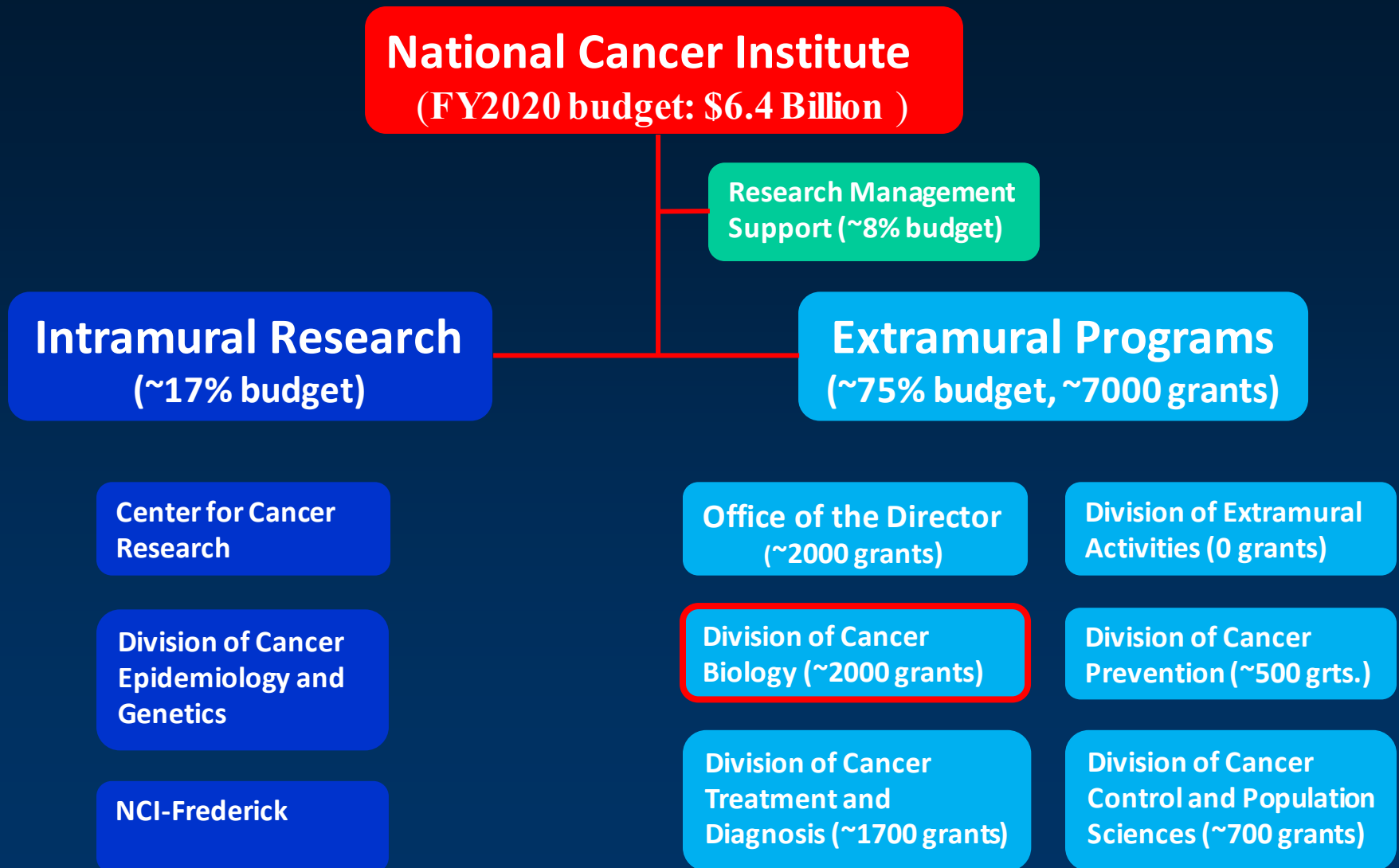
NIH Budget Allocation by Institute/Center



Organization of the National Cancer Institute



Organization of the National Cancer Institute





Office of the Director

Director:
Daniel Gallahan, Ph.D.

Programs

Physical Sciences Oncology Network (PS-ON)
Cancer Systems Biology Consortium (CSBC)

**Cancer Cell Biology
Branch**

Chief:
Rihab Yassin, Ph.D

**Cancer Immunology,
Hematology and
Etiology Branch**

Chief:
Kevin Howcroft, Ph.D.

**DNA and
Chromosome
Aberrations Branch**

Chief:
Judy Mietz, Ph.D.

**Structural Biology
and Molecular
Applications Branch**

Chief:
Jennifer Couch, Ph.D.

**Tumor Biology and
Microenvironment
Branch**

Chief:
Jeffrey Hildesheim, Ph.D.

**Tumor Metastasis
Branch**

Chief:
Joanna Watson, Ph.D.



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

Appropriations: Funding The NIH



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- 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
(<http://grants.nih.gov/grants/guide/>)
- **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



Submits
Application
to NIH

Conducts
Research

Allocates
Funds

Grants Management
Specialist

Center for Scientific Review

Assign to SS ↓ Assign to Institute

Study Section: **Scientific Review Officer**

Review for ↓ Scientific Merit

Institute: **Program Director**

Programmatic ↓ Evaluation

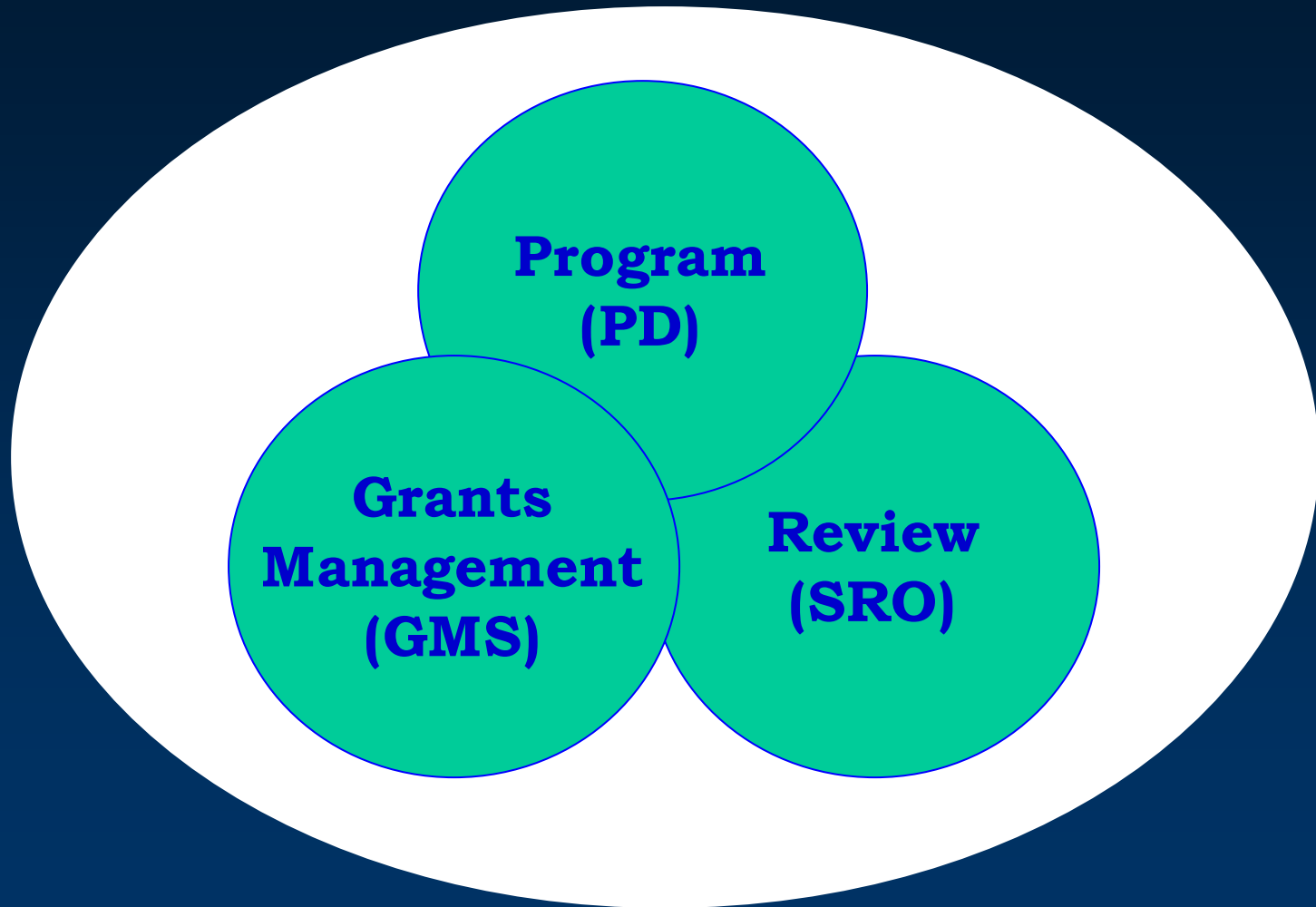
Advisory Councils and Boards

2nd Level Review ↓ Recommendations

Institute Director

Takes Action

The NIH Extramural Team



NIH Grants Application Cycle

Center for Scientific
Review

NIH Institute



Research
Application



Peer
Review



Council
Review



Funding



NIH Grants System & Division of Cancer Biology

