



# ***Demystifying the Intramural Research Environment: Entrance, Tenure, and Potential Outcomes***

***Building an Independent Career in Scientific Research, CRCHD/  
NCI***

**June 8, 2015**

**Richard G. Wyatt, M.D.**

**Deputy Director, Office of Intramural Research**



# The NIH IRP is about Science

- **Laboratory**
- **Population-based**
- **Translational**
- **Clinical**







# **The NIH IRP Scientific Environment**

**Provides opportunities to:**

- **swiftly initiate new research,**
- **sustain long-term projects,**
- **respond to public health emergencies, and**
- **address unmet needs in support of the composite NIH research enterprise**

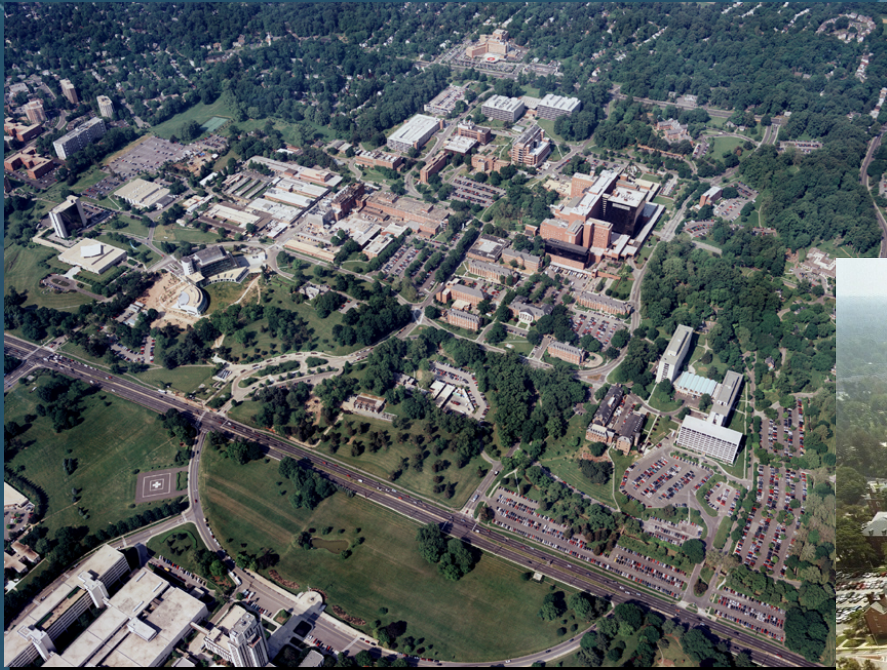


# **Nobel Prizes and the IRP**

- **Marshall Nirenberg (1968) – elucidation of the genetic code**
- **Julius Axelrod (1970) – chemistry of neural transmission**
- **Christian Anfinsen (1972) –protein folding can be predicted from primary amino acid sequence**
- **Carleton Gajdusek (1976) – prion disease**
- **Martin Rodbell (1994) – discovery of G proteins in signal transduction**
- **19 NIH-trained investigators have won Nobel Prizes, including Eric Betzig, winner of 2014 Prize in Chemistry**



# NIH Campus in Bethesda, MD



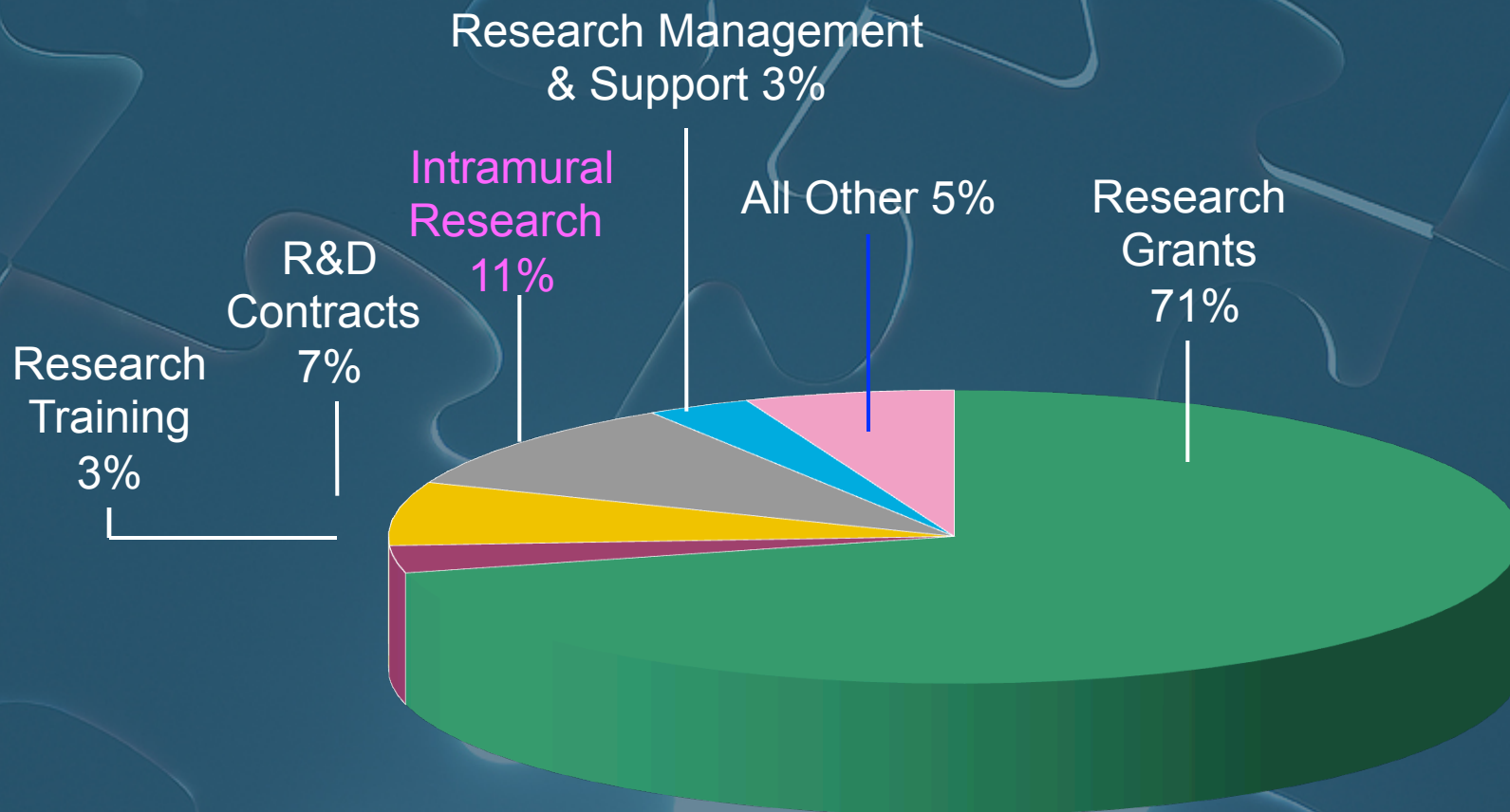
Aerial view of the NIH Campus

NIH Clinical Center






# Funding for the NIH IRP



Over 80% of NIH funds support extramural research





# **The NIH IRP is about Careers and Training**

- **800 Senior Investigators**
- **220 Tenure-track Investigators (Stadtman and Lasker)**
- **40 Assistant Clinical Investigators**
- **260 Staff Clinicians**
- **1,400 Staff Scientists**
- **3,800 post-doctoral fellows**
- **350 graduate students**
- **50+ medical/dental students**
- **800 post-baccalaureate trainees**
- **1,000 summer students (high school, college, graduate and medical)**

# The NIH IRP Relates to People

- **American Public**
- **Patients**
- **Administration**
- **Congress**
- **Scientists**
- **Students**
- **Global Populations**







# **NIH IRP is...**

- **A scientific community looking forward to being part of “restoring science to its rightful place”  
B.Obama**
- **“a social invention for human betterment,” L.Thomas,**
- **or “Disneyland for geeks,”  
former HHMI-NIH Scholar)**
- **“Addictive!” C.Klebanoff**

