

heart attack



Present:

- severe chest pain
- heaving breath



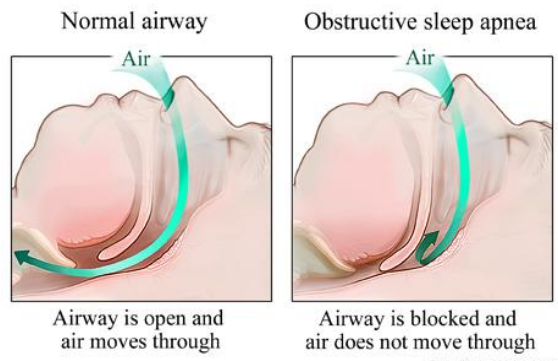
Present:

- dead!

#1

Cause of Death

Heart Disease



#3

Cause of Death

Chronic Lung Disorders



Stroke
Blocks Blood Flow To The Brain



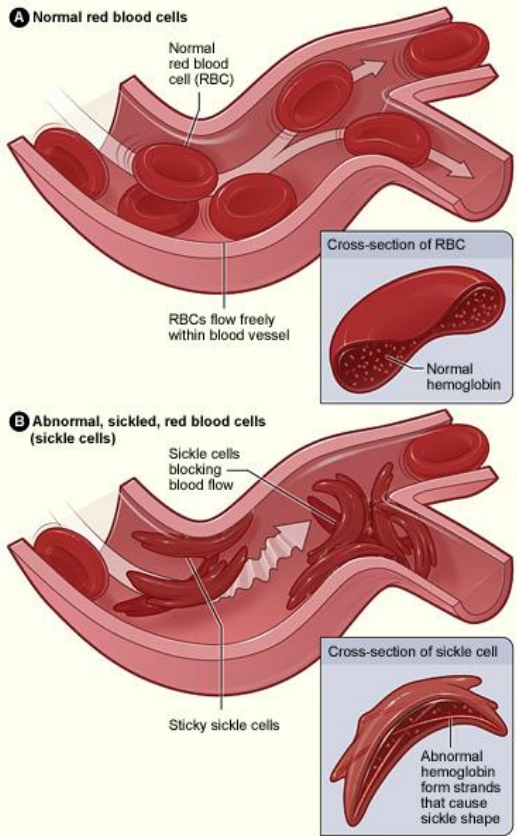
is a medical emergency
preventive measures
know the symptoms
could be painless



#4

Cause of Death

Stroke



Babesia Parasite Taints the Blood Supply





National Heart, Lung, and Blood Institute (NHLBI)



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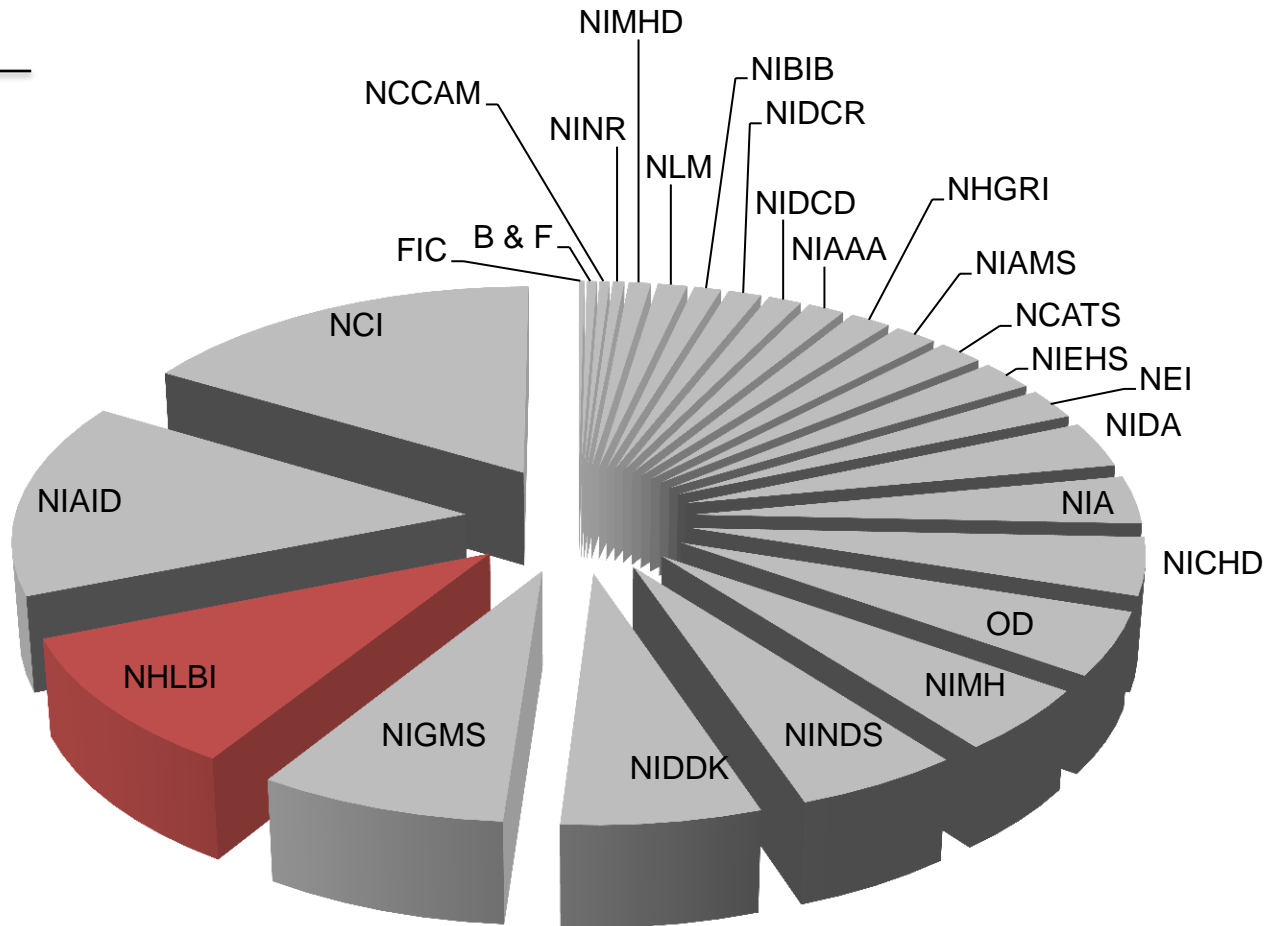
Mid-Atlantic Innovation Conference
October 15, 2012



NHLBI is the Third Largest NIH Institute

FY 2012 Enacted

NCI	\$5.1 B
NIAID	\$4.5 B
NHLBI	\$3.1 B
NIGMS	\$2.4 B
NIDDK	\$1.9 B



NIH 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

- **Basic Research**
- **Clinical Testing**
- **Knowledge dissemination and application**
- **Training & Career Development**
- **Product Development**
 - **diagnostics**
 - **therapeutics**
 - **devices**



Unmet medical needs costs billions in health care and lost productivity

Disease	\$ Billions
Asthma	20
COPD	90
Heart disease	190
Stroke	34
Blood disorders	6

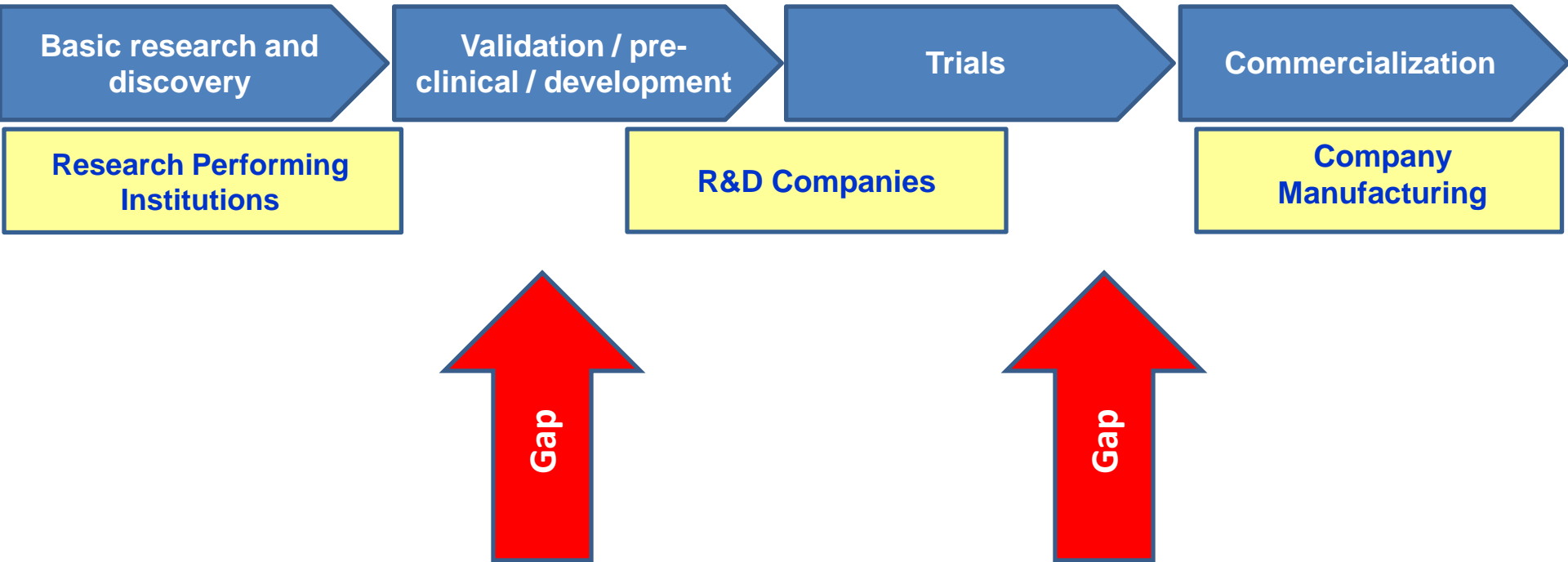


Disability



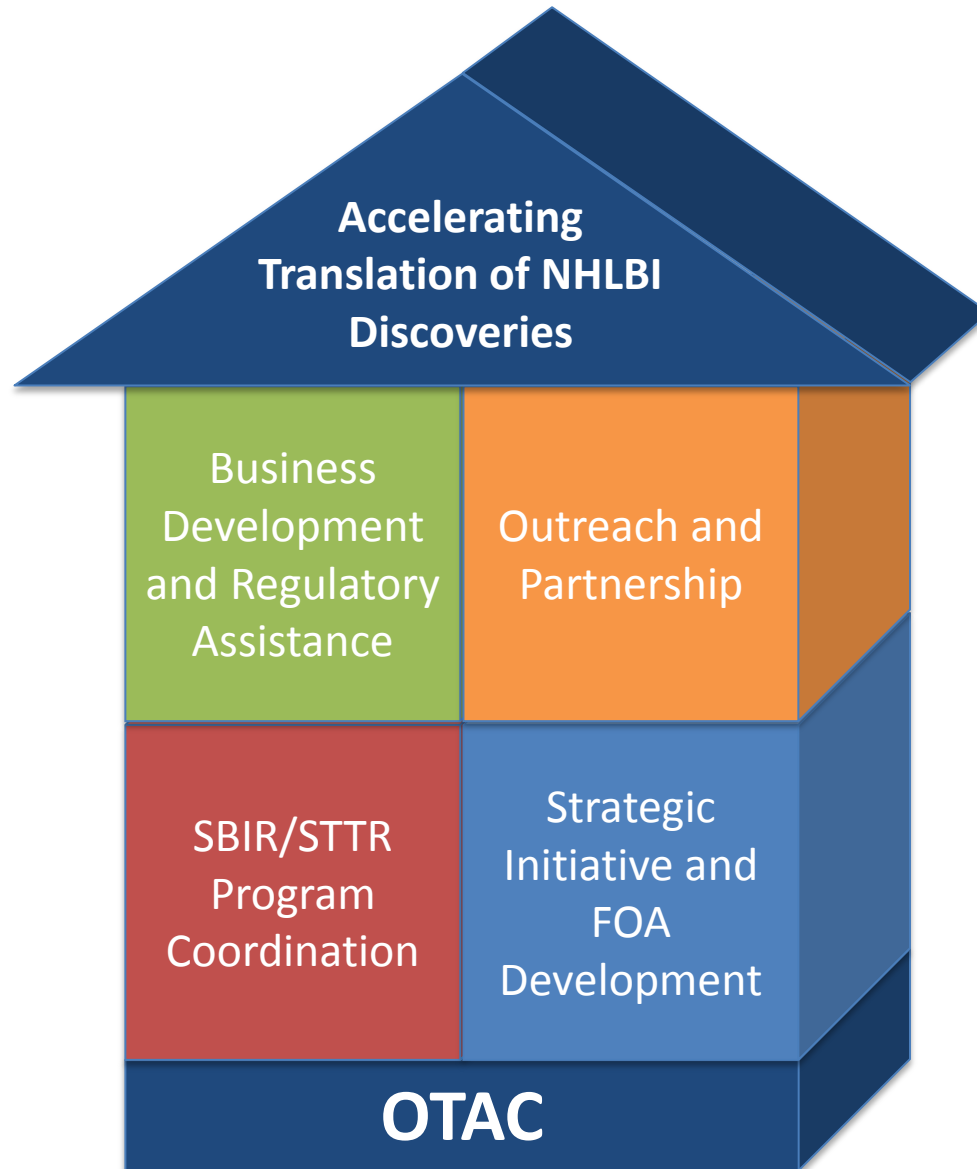
Quality of life

Discovery to Development Pipeline



Office of Translational Alliances and Coordination

March 2011



The NHLBI Circle of Partners

