

UPMC CENTER FOR INNOVATIVE SCIENCE

DEVELOPING THE FUTURE OF MEDICINE AT UPMC

Bring together top-caliber scientists willing to challenge our current understanding of disease to improve patient outcomes and reduce unnecessary treatments. Areas of research focus include:

- ***Personalized Medicine*** — For complex diseases, identify genetic and environmental factors that determine an individual's susceptibility to disease and best type and course of treatment.
- ***Cancer Biology*** — Rather than approach each cancer in isolation, assess the underlying genetic and environmental underpinnings, focusing on the role of viruses, the immune system, the tumor macro-environment, and the effect of aging.
- ***Biology of Aging*** — Understand normal and abnormal cellular changes that occur over time to allow us to maximize healthy aging, healing and cancer prevention.

375 new jobs / \$294M construction cost / Late-2014 expected completion