NCI Director's Remarks

W. Kimryn Rathmell, M.D., Ph.D.

Director, National Cancer Institute

NCI Division of Cancer Biology R15 Investigator Workshop

June 27, 2024

@NCIDirector
@TheNCI

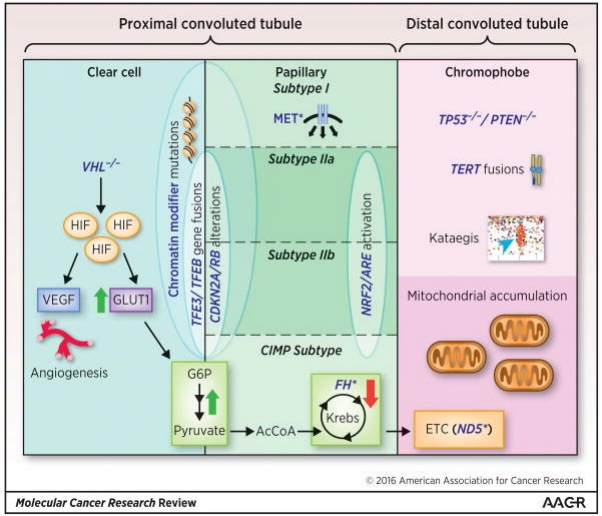
NIH NATIONAL CANCER INSTITUTE

The Cancer Genome Atlas (TCGA): *Beyond VHL*

Aguirre deCubas, PhD
Postdoc, Vanderbilt
Asst Prof MUSC

A. Rose Brannon, PhD
PhD student
Asst Prof MSKCC

Scott Haake, MD, PhD
Resident/Fellow
Asst Prof VUMC



Cell Rep. 2018 Apr 3;23(1):313-326.e5.

Mol Cancer Res. 2016 Jul;14(7):589-98.

N Engl J Med. 2016 Jan 14;374(2):135-45.

Oncoscience. 2015 Feb 20;2(2):81-90.

Mol Cell Oncol. 2015 Jan 20;2(2):e979686.

Cancer Cell. 2014 Sep 8;26(3):319-330.

Nature. 2013 Jul 4;499(7456):43-9.

Catherine Fahey, MD, PhD
MD-PhD student
Asst Prof UNC

Samira Brooks, PhD
PhD Student
(Postdoc NIH)
Amgen

Lessons from our work with the TCGA

Value of team science

Seeing tumors for their more complete identity

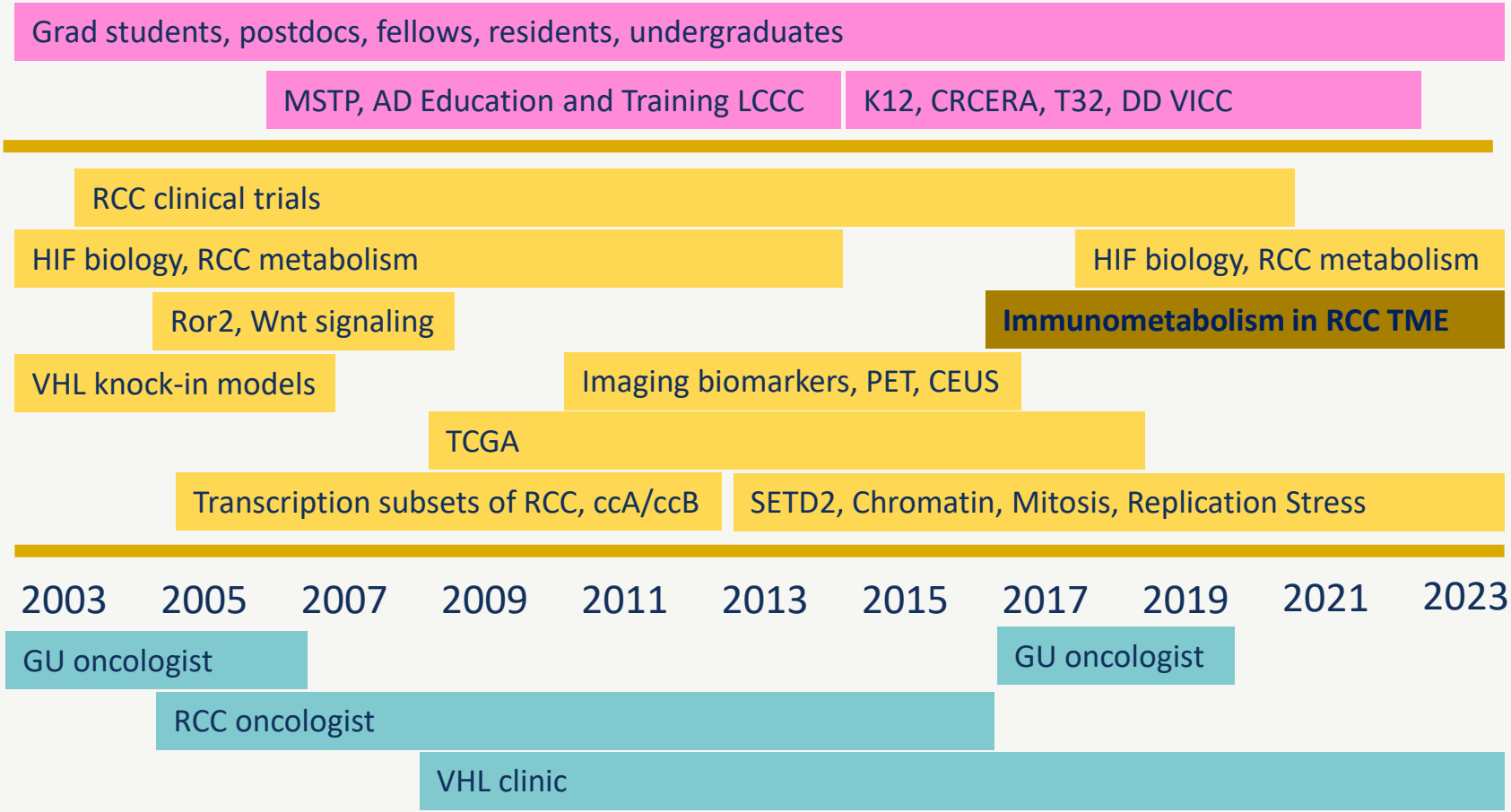
Discovering new areas to do work (new doorways)

Nationwide effort

Many new collaborations

Developed a generation of scientists

My Research Timeline



THE PRESIDENT AND FIRST LADY'S

CANCER MOONSHOT

ENDING CANCER AS WE KNOW IT

Goals of the reignited Cancer Moonshot

- Reduce U.S. cancer mortality rate by 50% by 2047
- Improve the experience of people and their families living with and surviving cancer

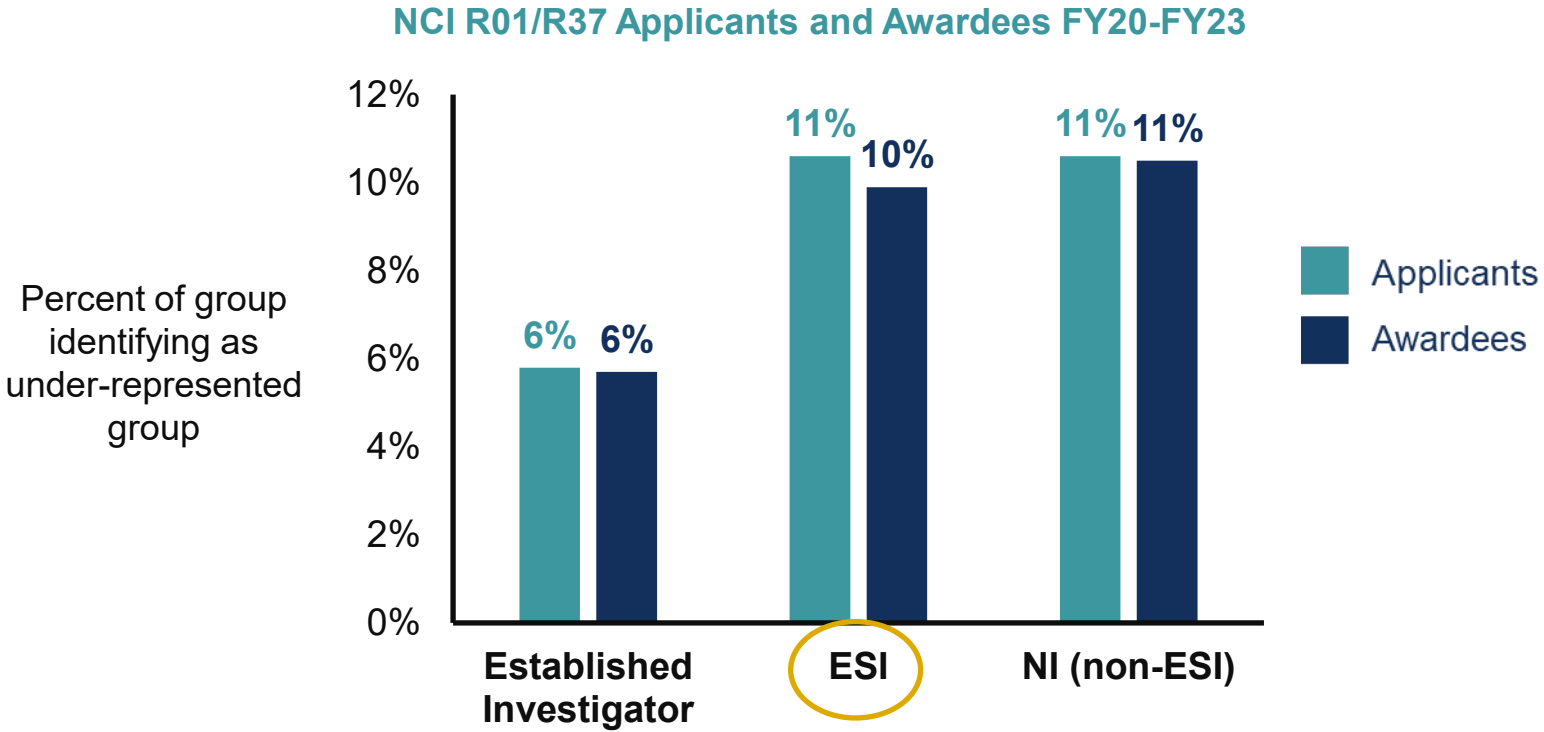
Improved health outcomes *for everyone*

CANCER MOONSHOT GOAL:

Reduce cancer mortality by 50% by 2047

NationalCancerPlan.cancer.gov

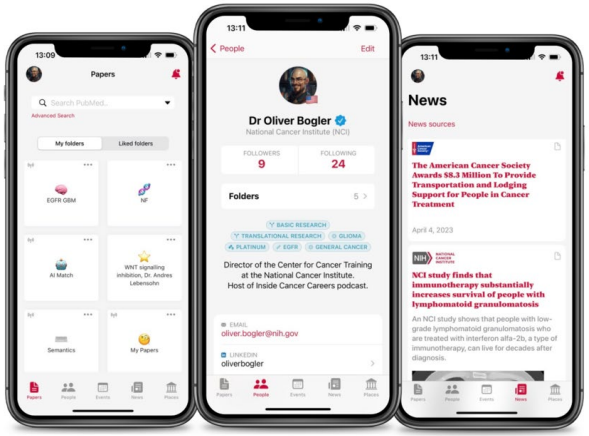
Supporting ESIs helps NCI fund a diverse research workforce



Data from NIH Office of Extramural Research, analysis by NCI Center for Research Strategy.

NanoCI

connecting scientists



Stay informed about the science that excites you most while creating a **professional network** that can help you achieve your cancer research career goals.

- Uses machine learning algorithms to **match users' interests** and provide a unique experience
- Recommends **tailored content** such as people to connect with, events to attend, and interesting scientific papers.

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FINAL

Thank You!

www.cancer.gov

www.cancer.gov/espanol

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