

School of Medicine Research

Presentation to Research
Development Advisory Council

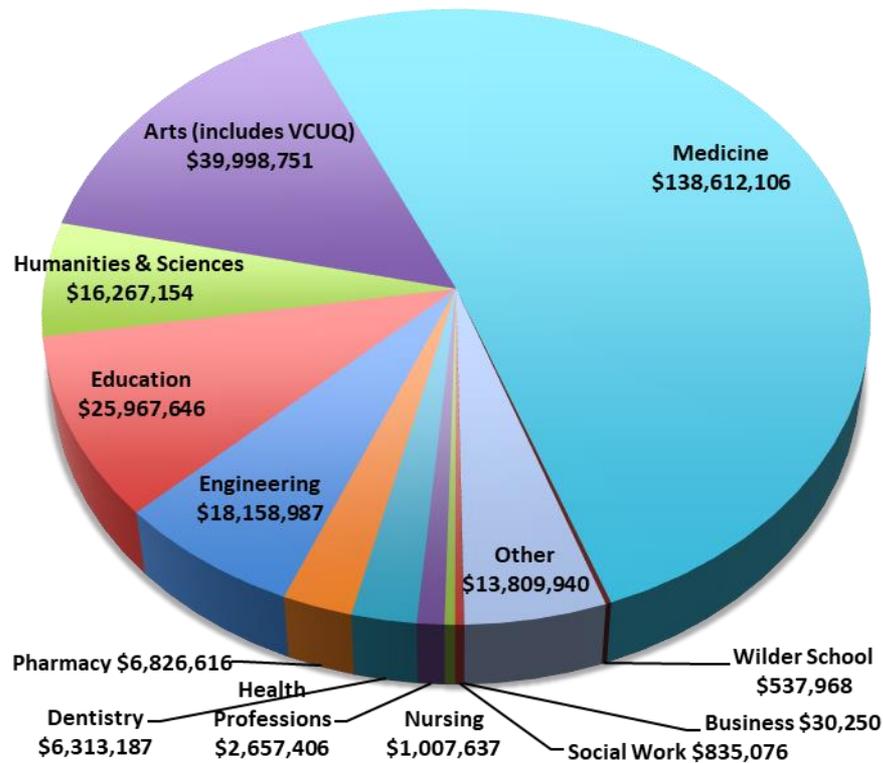
October 2, 2019



VCU

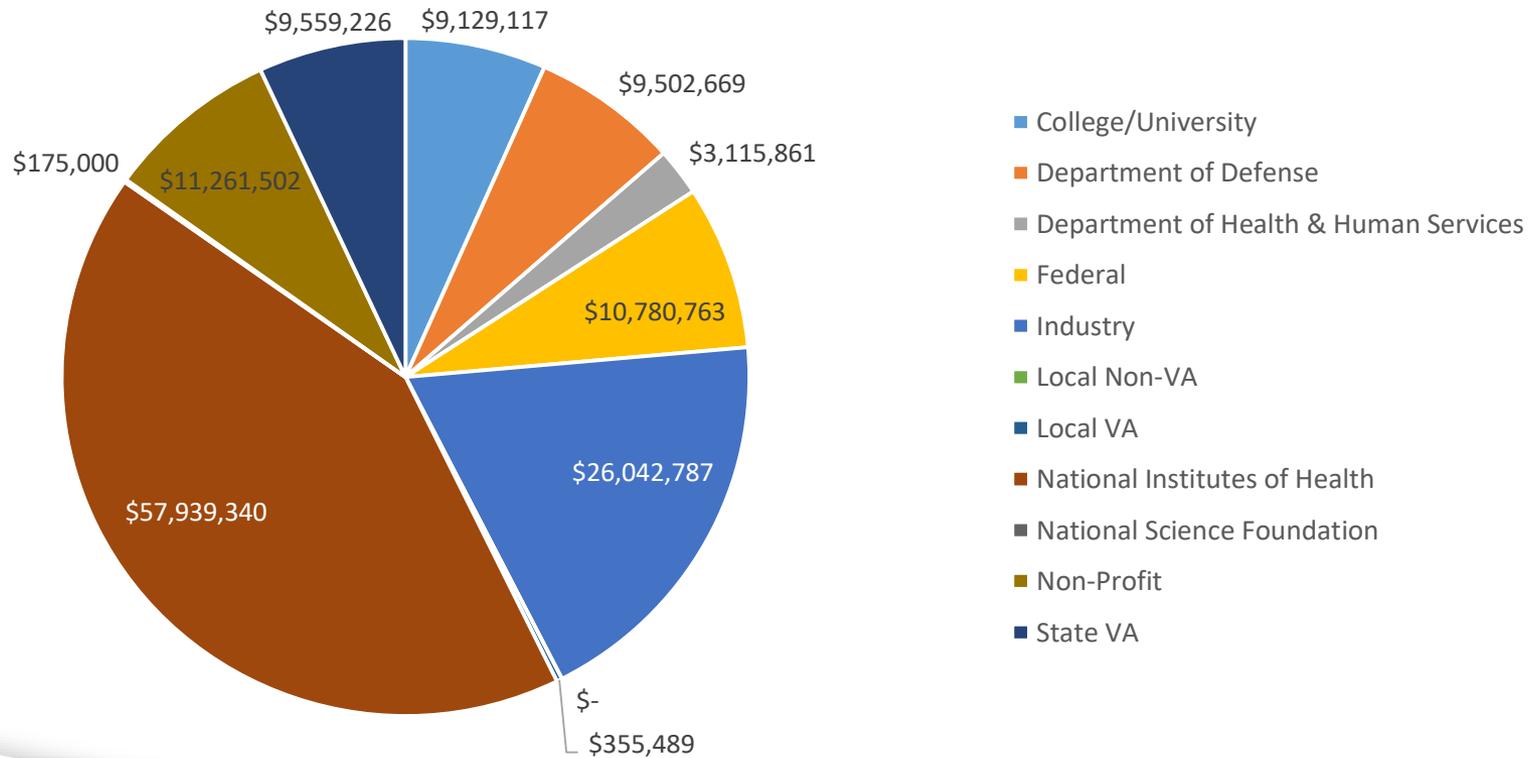
FY2018 VCU Sponsored Program Awards by Unit

FY 2018: \$271,022,724

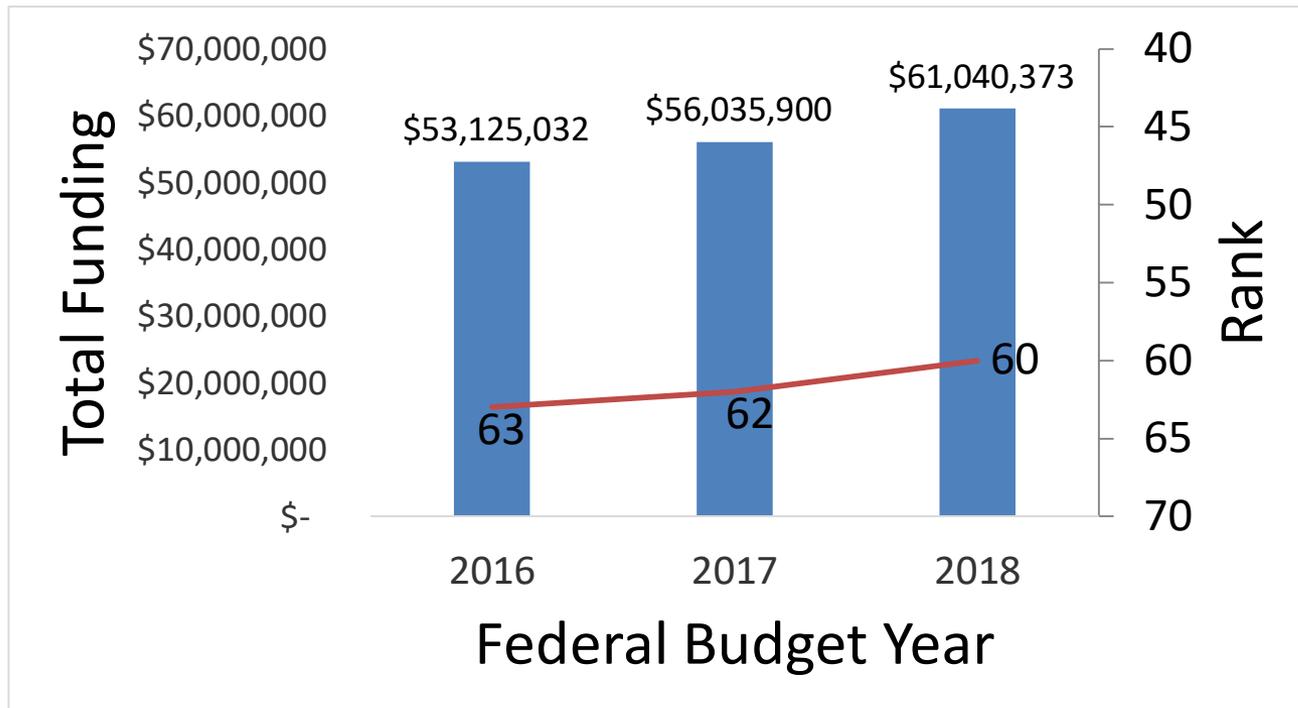


SOM Research Funding by Source

2018



SOM NIH awards



VCU SOM Researchers Lead in Fields Supported by Particular NIH Institutes



National Institute
on Alcohol Abuse
and Alcoholism

- \$5,941,149
- #11

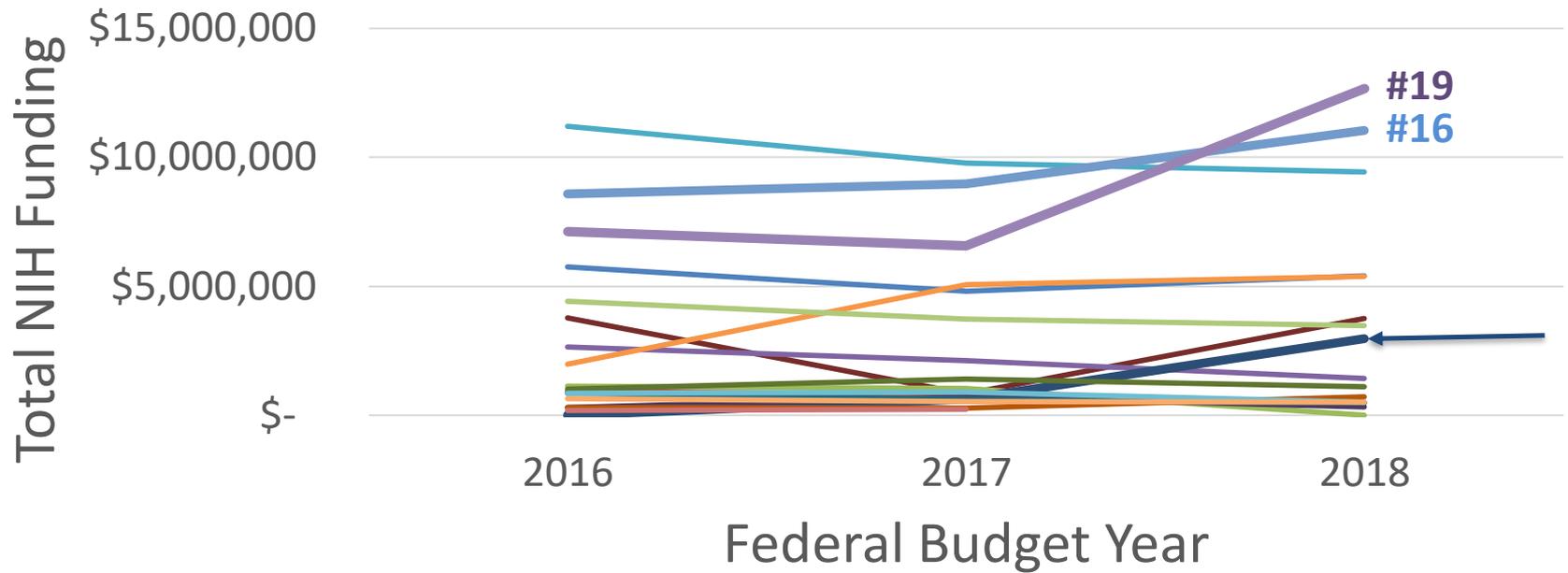


National Institute
on Drug Abuse

- \$9,128,432
- #16

- #10 from NIAAA and NIDA combined
 - Aligns with other VCU units

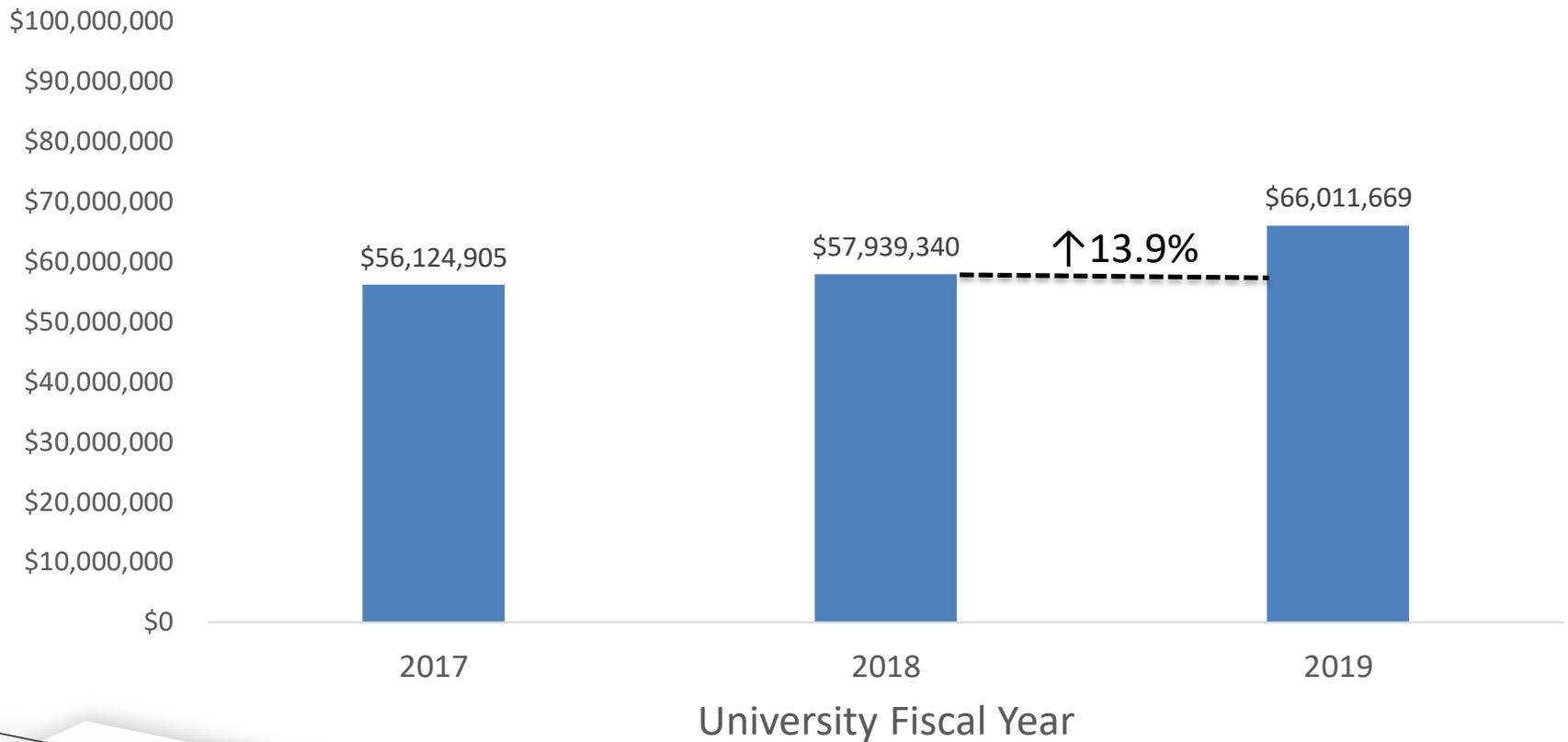
Some SOM Departments Truly Excel



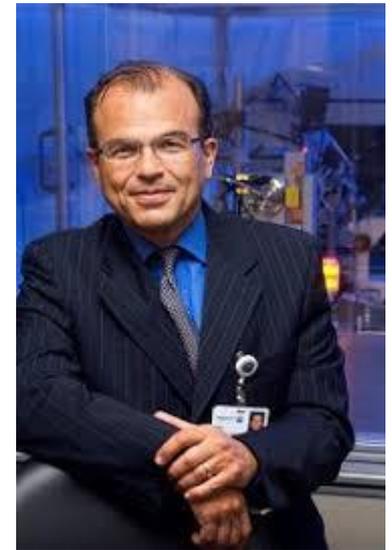
- ANATOMY/CELL BIOLOGY
- BIOCHEMISTRY
- BIOSTATISTICS & OTHER MATH SCI
- FAMILY MEDICINE
- GENETICS
- INTERNAL MEDICINE/MEDICINE
- MICROBIOLOGY
- **NEUROLOGY**
- NEUROSURGERY
- OBSTETRICS & GYNECOLOGY
- PATHOLOGY
- PEDIATRICS
- **PHARMACOLOGY**
- PHYSICAL MEDICINE & REHAB
- PHYSIOLOGY
- PSYCHIATRY
- RADIATION-DIAGNOSTIC/ONCOLOGY
- SURGERY

A Big Leap Forward in 2019

Total NIH Awards



Strategic Recruitment



>\$7M in new NIH awards from faculty hired since 2017

Not Just Dollars

COMMUNITY PAGE

A standardized citation metrics author database annotated for scientific field

John P. A. Ioannidis^{1*}, Jeroen Baas², Richard Klavans³, Kevin W. Boyack⁴

- Ken Kendler 65
- Arun Sanyal 1421
- Dick Wenzel 1838
- Steve Woolf 2217
- Sarah Spiegel 2907
- Larry Schwartz 5816
- Lindon Eaves 6819
- Anthony Marmarou 7388
- John Nestler 7787
- Norbert Voelkel 8082
- Dwain Eckberg 8088
- A. Espinel-Ingroff 8130
- Steve Grant 8662
- Harvey Sugarman 8989
- Bob Findling 9502 (coming soon)

SOM Research Strengths

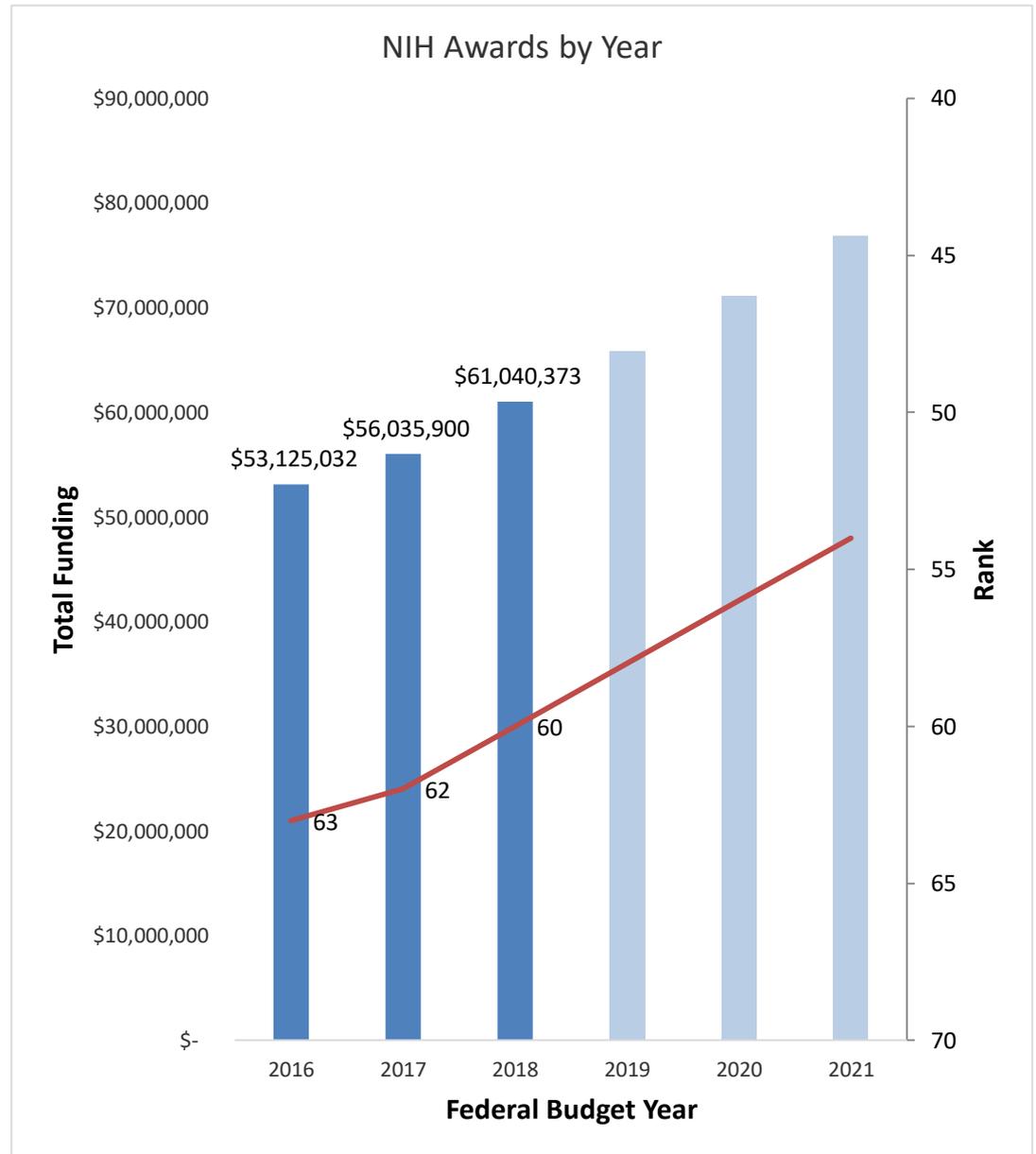
- Focus Areas
 - Cancer
 - Cardiovascular
 - Neurosciences
- Highly productive faculty
- Massey Cancer Center
- Wright Center for Clinical and Translational Research
- Partnership with VCU Health
- Embedded in a vibrant, research-intensive university
- Innovation Gateway and VCU Ventures
- Ample pilot and bridge funding
- HEETF
- Strong core facilities

SOM Research Opportunities

- Leadership recruitments
 - Massey Cancer Center Director
 - Family Medicine and Population Health chair
 - Emergency Medicine chair
- A new Neurosciences research building
- A growing NIH budget
- A new SOM strategic plan
- Mission-based management budget
- McGuire VAMC
- Relationships with potential donors

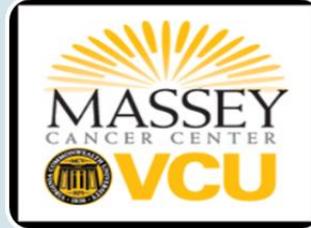
SOM Research Aspirations

Our NIH funding will outpace the NIH budget every year, boosting our standing among US medical schools



SOM Research Aspirations

Research in our areas of strength will lead our overall portfolio



Cancer



Cardiovascular



Neurosciences

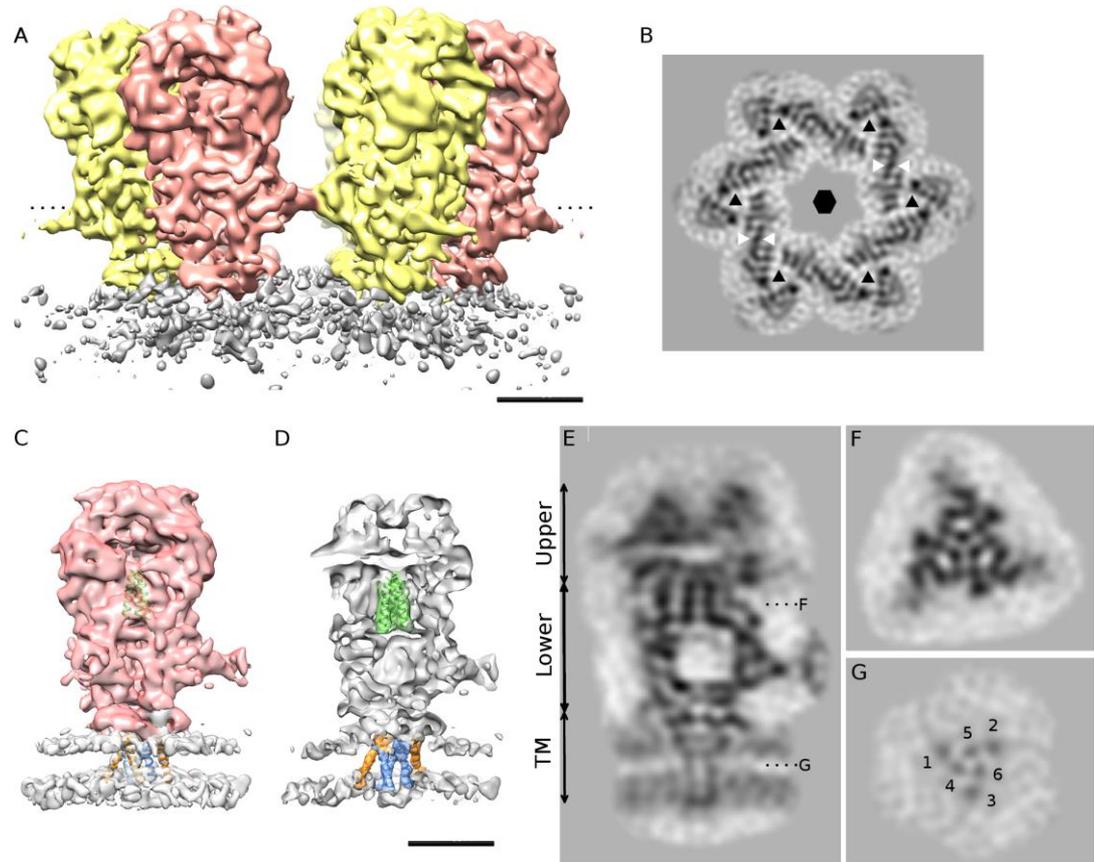
SOM Research Aspirations

Physician scientists recruited to leadership positions in clinical departments will recruit promising research faculty at earlier career stages



SOM Research Aspirations

Basic science research will benefit from strategic investment and grow along with translational and clinical research



SOM Research Aspirations

Enrollment in clinical trials will increase dramatically



SOM Research Aspirations

The Massey Cancer Center will achieve NCI-designated comprehensive status



A Cancer Center Designated by the
National Cancer Institute

SOM Research Aspirations

Research will be rewarded and integral to our culture

