



Palo Alto Veterans Institute for Research



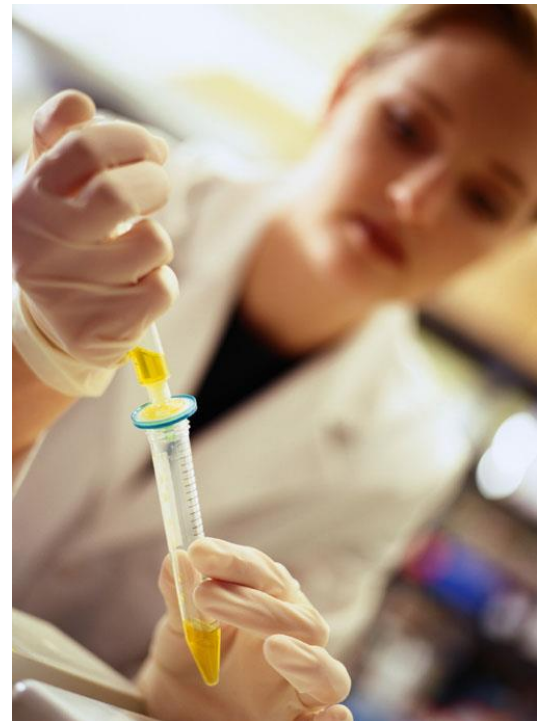
ANNUAL REPORT

2018

Mission Statement

Advancing Veteran and public health through innovative research

PAVIR works with more than 100 researchers and 215 staff to support basic science, health services, and clinical research at the VA Palo Alto Health Care System (VAPAHCS). This research spans the investigation of diseases in the laboratory to testing new drug treatments and developing improved models of health care delivery. It also addresses health challenges that have been faced especially by Veterans, including post-traumatic stress disorder (PTSD) and traumatic brain injury (TBI), geriatric medicine, rehabilitation, sleep, and other Veterans' and public health diseases.



Researchers have appointments at the VAPAHCS, and most hold dual appointments at the Stanford University School of Medicine.



A Message from the CEO

Fiscal Year 2018 (October 1, 2017, through September 30, 2018) was a year of stability and of strong service to the Veterans Affairs Palo Alto Health Care System (VAPAHCS) and its vibrant research community.

PAVIR is proud of its mission of “Advancing Veteran and public health through innovative research,” and 240 employees fulfilled this mission by working on \$22.2 million of sponsored research and educational activities funded by the National Institutes of Health (NIH), Department of Defense (DOD), other federal agencies, state agencies, foundations, and industry.



In FY18, PAVIR managed 219 sponsored awards, including 72 clinical trials, and submitted 99 proposals. PAVIR’s research and education expenses increased in FY18 by \$847,000, or 4%, while our management and general expenses decreased by \$66,000, or 1.3%. PAVIR’s net assets were \$8.0 million in FY18. In FY18, PAVIR negotiated with the Department of Health and Human Services (DHHS) its first multi-year fixed rate indirect cost rates with carry-forward.

We are proud of our 30-year history of service to Principal Investigators (PIs), VAPAHCS and the staff we employ.

A handwritten signature in blue ink that reads "Michael Hindery". The signature is fluid and cursive.

Michael Hindery
CEO

Featured Research



Defense and Veterans Brain Injury Center (DVBIC)

Principal Investigator: Odette A. Harris, M.D., M.P.H.

- Current projects funded by the DOD, VA, and NIH
- Defense and Veterans Brain Injury Center (DVBIC) works in collaboration with the Department of Rehabilitation at the VA Palo Alto Health Care System, which is an integrated service delivery system developed by the VA to adequately provide for the comprehensive medical, surgical, and rehabilitation care for returning service members and veterans. We access longitudinal and continuous epidemiologic data as primary tools to focus on relevant functional outcomes that help Veterans, military personnel, and civilians reintegrate into society after acute injury. Our current projects include being a site for national longitudinal studies such as TBI Model Systems and Clinical Tracking Form study.



Predicting Resilience in the Human Microbiome

Principal Investigator: David A. Relman, M.D.

- A five-year study funded by the NIH
- The communities of microbes that are commonly found in and on the human body provide a wide variety of benefits to their human host, including food digestion, provision of nutrients and vitamins, protection against disease-causing microbes and against environmental chemicals, and proper regulation of human immunity and metabolism.
- This project aims to understand the basis for microbial community stability, maintenance of beneficial functions of the microbiome, and recovery, so that precise interventions can be designed that will promote and restore the beneficial properties of the human microbiome.



Targeted Strategies to Accelerate Evidence-Based Psychotherapy (EBP) Implementation in Military Setting

Principal Investigators: Craig S. Rosen, Ph.D., and Carmen P. McLean, Ph.D.



- A four-year study funded by the Department of Defense
- Despite efforts to train military providers in effective psychotherapies for posttraumatic stress disorder (PTSD), only a minority of service members receive these treatments. This trial tests whether a tailored process improvement approach is more effective than provider training alone in expanding the proportion of patients who receive an evidence-based practice (EBP).
- The project, led by investigators at the National Center for PTSD and VAPAHCS, includes collaborators from five universities and eight military treatment facilities.

Featured Clinical Research



VascTrac PAD ResearchKit Study

Principal Investigator: Oliver Aalami, M.D.

Sponsors: W.L. Gore & Associates, Inc.; Abbot Laboratories; MedWhat; Medtronic; Cook Inc.; Boston Scientific; Apple Inc.

- Using Apple's MyHealth application, the research team will analyze the user's physical activity levels post-intervention in order to predict and prevent the failures of endovascular intervention.



A Pilot Study of Digital Cognitive Behavioral Therapy for Veterans with Insomnia and Comorbid Psychopathology

Principal Investigator: Shannon McCaslin-Rodrigo, MD, PhD

Sponsors: Big Health Inc. (Sleepio)

- This study will evaluate the impact of digitally administered cognitive behavioral therapy using the Sleepio platform for the treatment of insomnia disorder among Veterans with comorbid psychopathology.



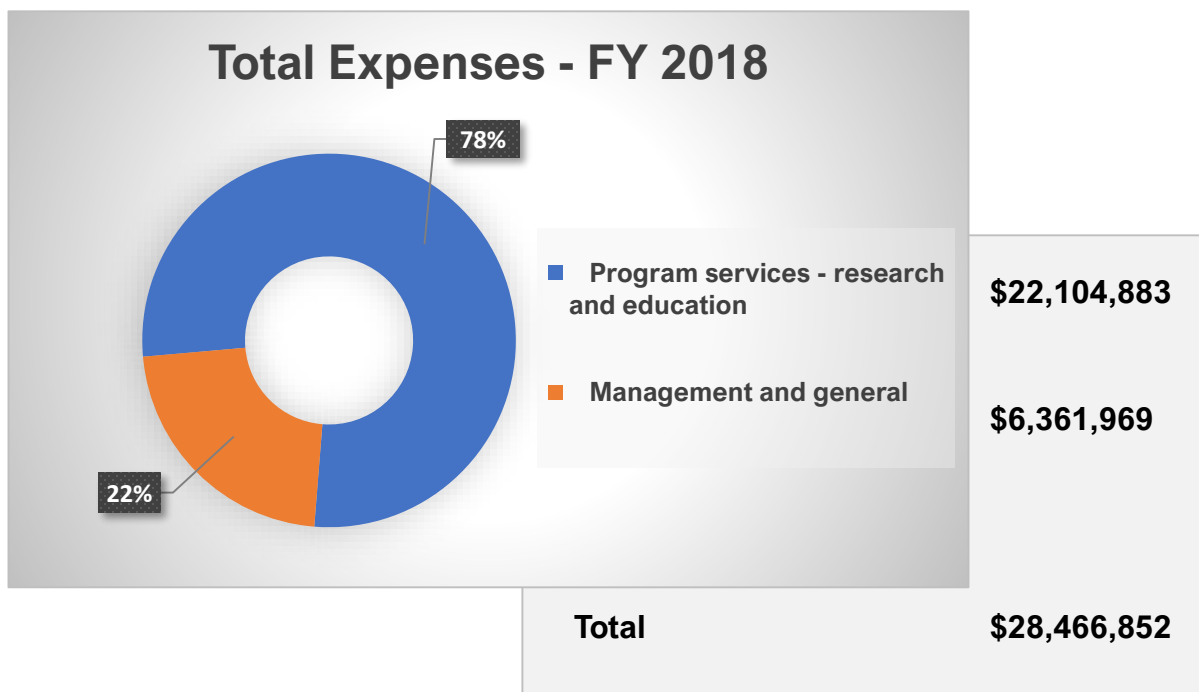
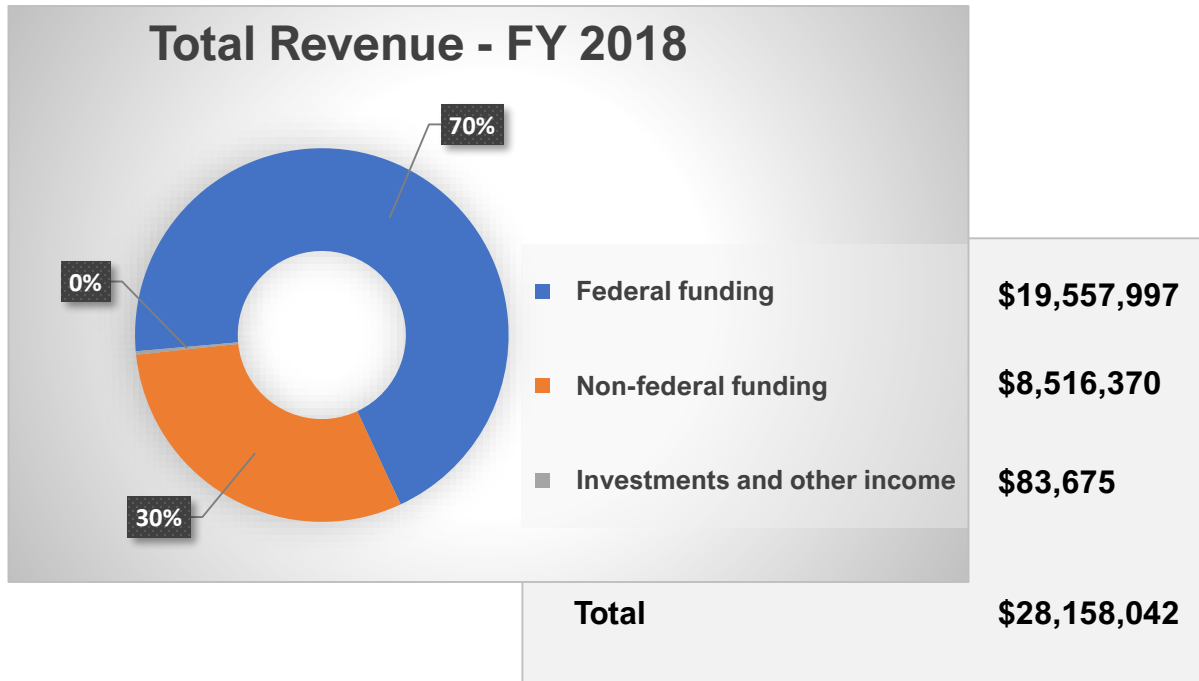
A Prospective Investigation of the Risks of Opioid Misuse, Abuse, and Addiction among Patients Treated with Extended-Release/Long Acting (ER/LA) Opioids for the Treatment of Chronic Pain

Principal Investigator: Seshadri Mudumbai, M.D.

Sponsors: Syneos Health; Stanford University

- This study will provide quantitative estimates of the serious risks of misuse, abuse, addiction, overdose, and death associated with long-term use of opioid analgesics for management of chronic pain among patients prescribed extended release/long-acting (ER/LA) opioid products.

Financial Summary FY18

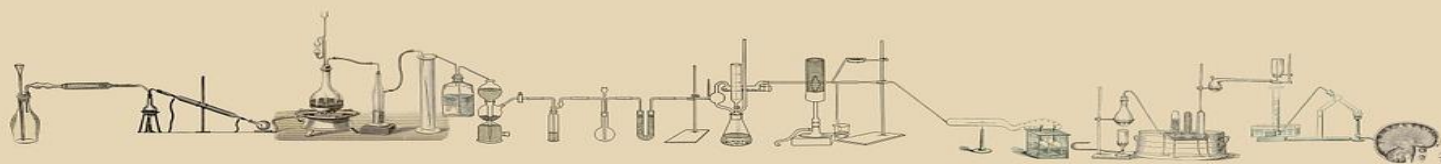


Financial Summary

FY18

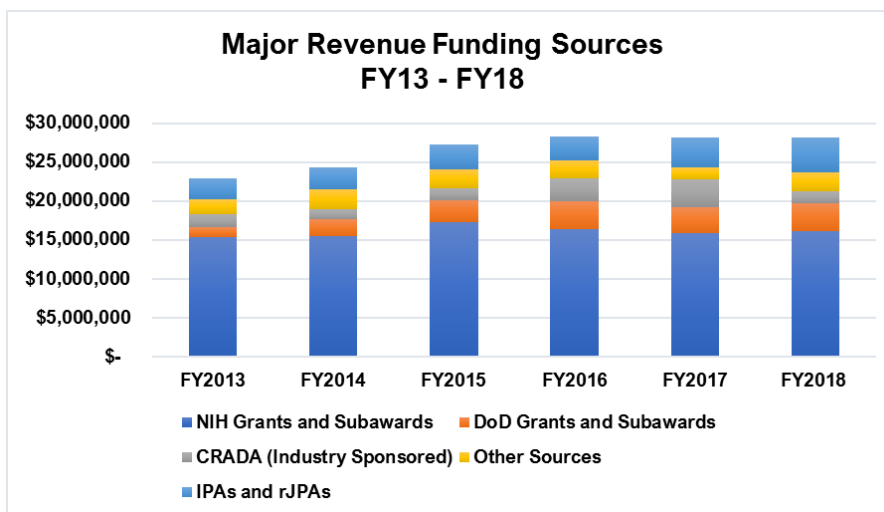
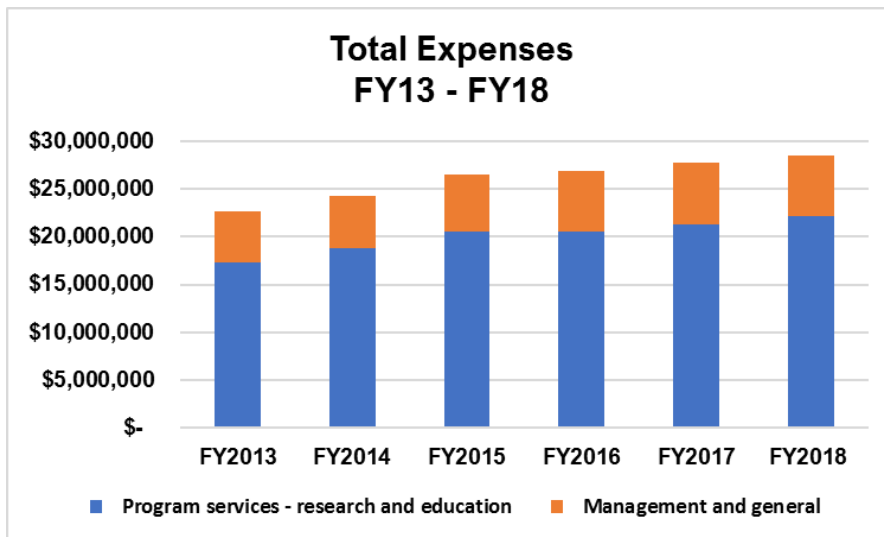
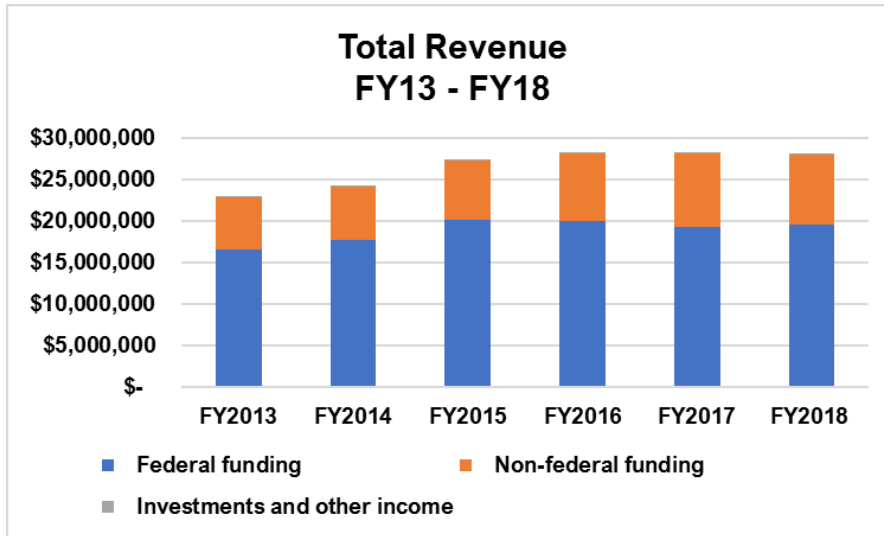
	<u>9/30/18</u>	<u>9/30/17</u>
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$ 4,753,700	\$ 5,176,081
Certificates of deposit	1,266,006	2,668,951
Accounts receivable	4,362,747	3,682,969
Prepaid expenses	353,508	317,777
Total current assets	<u>10,735,961</u>	<u>11,845,777</u>
LONG-TERM INVESTMENTS	620,633	741,228
EQUIPMENT, net	981,545	1,170,497
Total assets	<u>\$ 12,338,139</u>	<u>\$ 13,757,502</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable	\$ 774,807	\$ 1,620,141
Payroll payable	624,644	621,082
Accrued vacation	692,015	700,854
Other accrued liabilities	1,003,502	614,573
Deferred revenue	1,260,876	1,909,748
Total current liabilities	<u>4,355,844</u>	<u>5,466,398</u>
NET ASSETS		
Unrestricted		
Board-designated	806,446	1,360,000
Undesignated	5,643,934	6,440,554
Total unrestricted	<u>6,450,380</u>	<u>7,800,554</u>
Restricted net assets	1,531,915	490,550
Total net assets	<u>7,982,295</u>	<u>8,291,104</u>
Total liabilities and net assets	<u>\$ 12,338,139</u>	<u>\$ 13,757,502</u>

This statement represents the condensed financial information of PAVIR. Copies of the complete, audited financial statements are available upon request.



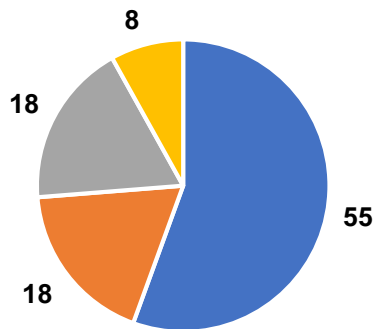
Financial Summary

FY13 - FY18



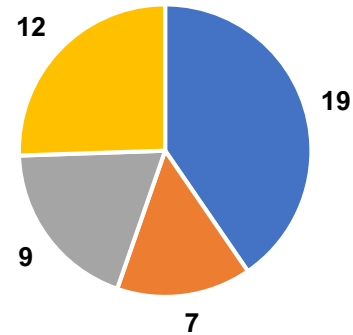
Contract & Grant Summary FY18

FY18 Submissions Total = 99



■ NIH ■ DOD ■ Foundations, State & Other ■ Industry

FY18 New Awards Total = 47



■ NIH ■ DOD ■ Foundations, State & Other ■ Industry

Note: Grants are not necessarily awarded the same year in which they are submitted.

SPOTLIGHT ON FY18 AWARDS

NAVIGATE

The VA Palo Alto was selected as one of 12 VA facilities across the country to join the National Cancer Institute (NCI) and VA Interagency Group to Accelerate Trials Enrollment (NAVIGATE), with the primary goal of enhancing the ability of Veterans to participate in clinical trials for cancer treatment carried out through NCI's National Clinical Trials Network (NCTN) and the NCI Community Oncology Research Program (NCORP). Although VA has a robust clinical research program including oncology clinical trials, VA facilities are often challenged to initiate and complete externally funded trials due to operational barriers. NAVIGATE aims to overcome these challenges for a three-year period during which time the goals are to increase sustainable infrastructure and establish best practices to help VA sites nationwide initiate new studies and enroll more Veterans in oncology trials.

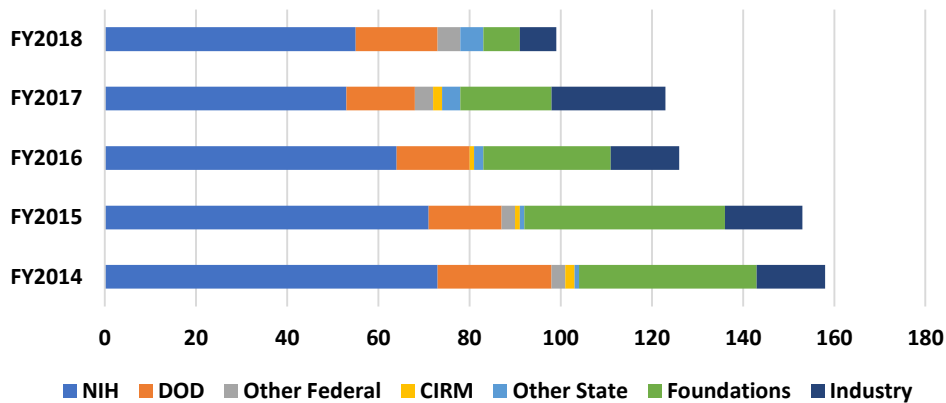
Tobacco-Related Disease Research Program

Together with the California Department of Public Health and Department of Education, the Tobacco-Related Disease Research Program (TRDRP) aims to reduce the human and economic costs of tobacco use through innovative research and information dissemination. PAVIR administers funds for three awarded VA Investigators, Drs. Eugene Butcher, Joshua Spin, and Philip Tsao, whose research aligns with the following TRDRP research priorities respectively: pulmonary biology and lung diseases, cardiopulmonary disease, cardiovascular and cerebrovascular disease/environmental exposure and toxicology.

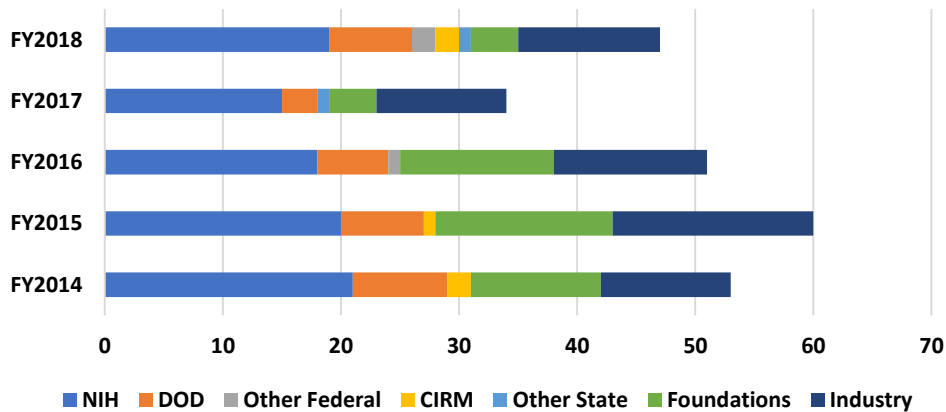
Contract & Grant Summary

FY14 - FY18

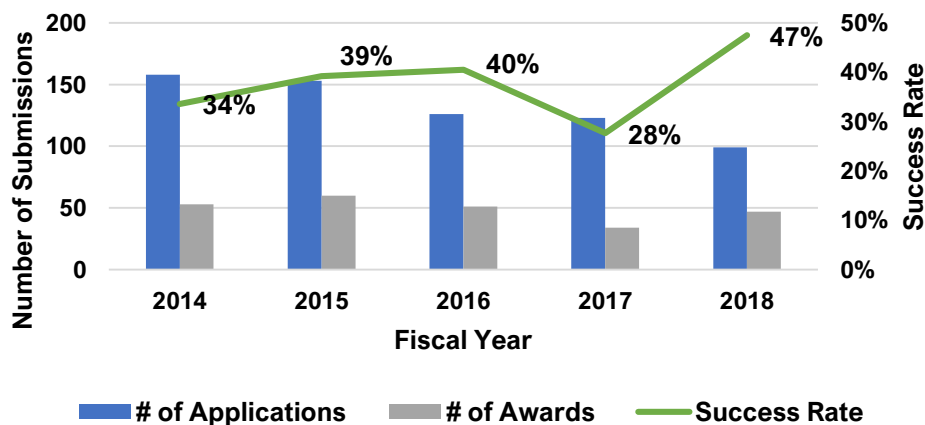
Grant Submissions FY14 - FY18



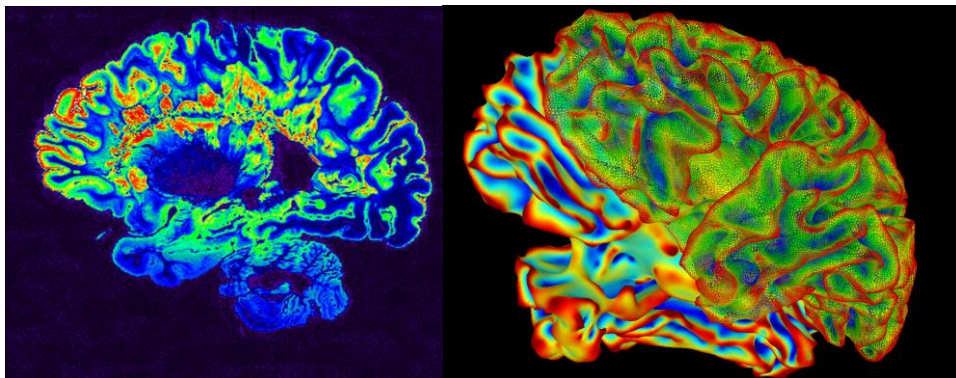
Grant Awards FY14 - FY18



Success Rate FY14 thru FY18



Note: Grants are not necessarily awarded the same year in which they are submitted.



CEO

Michael Hindery

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