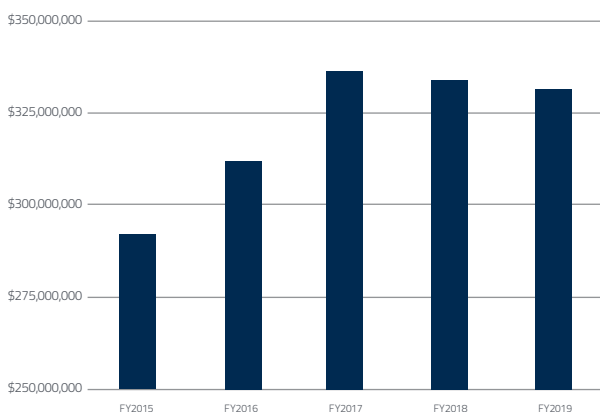


RESEARCH MATTERS

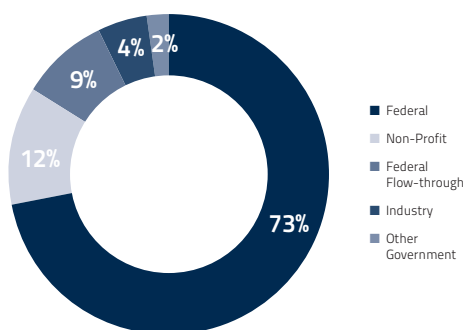
RESEARCH BY THE NUMBERS

Fiscal 2019 saw a small decline of less than 1% of the overall funding portfolio for CWRU.



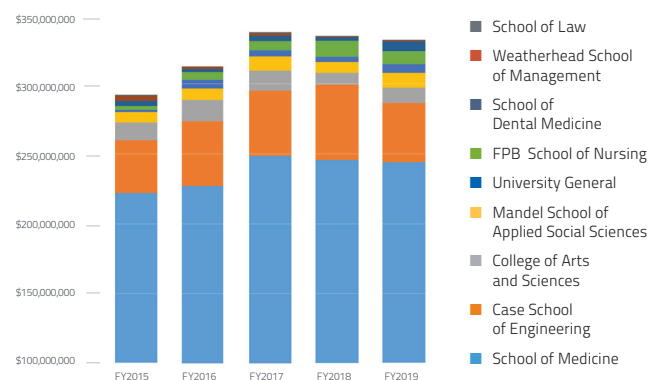
FY2019 External Research Funding Sources

Similarly, the distribution of awards by funding source was stable.



There were increases in funding for the College of Arts and Sciences, the Mandel School of Applied Social Sciences, the School of Dental Medicine, the School of Law, and the Weatherhead School of Management.

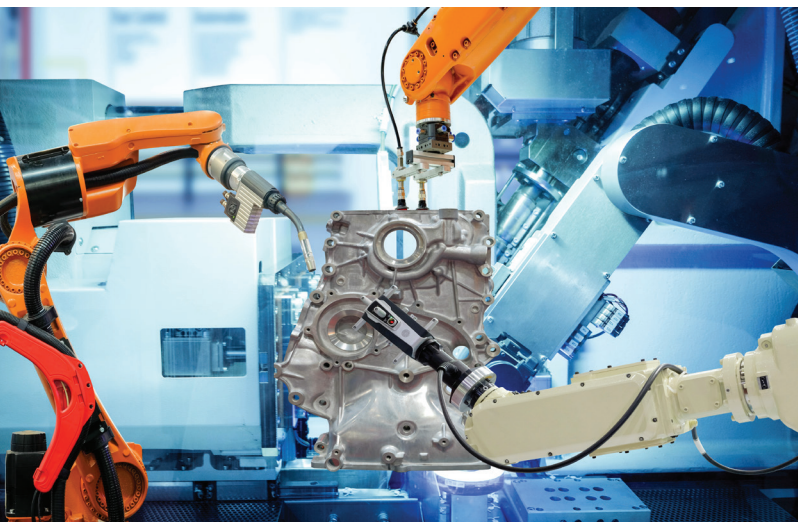
FY15–FY19 Awards by School or College



FY 2019's top ten largest research awards ranged from \$2.5 to \$8.9 million and included a \$4 million grant from the Patient-Centered Outcomes Research Institute to the School of Dental Medicine to reduce oral health disparities of older adults. The study compares the effectiveness of different treatments, and aims to make changes to improve access and clinical care and to improve Medicaid policies for reimbursement.

Finally, recovery of facilities and administrative (F&A) costs increased by \$2 million, reflecting stable federal and federal flow-through awards, and our proposal success rate (from fiscal year 2017) was strong at 28.5% overall compared to an NIH success rate of 18.7% for grants in federal fiscal year 2017.

ISSACS Hosts UIDP Future of Work Event



The **Institute for Smart, Secure and Connected Systems (ISSACS)** hosted a full-day workshop on the **Future of Work at the Human-Technology Frontier (FW-HTF)** on October 1 at CWRU, in collaboration with **University Industry Demonstration Partnership (UIDP)**. FW-HTF is one of the **National Science Foundation's 10 Big Ideas**. This workshop brought together experts from

higher education and industry to discuss future work, future workers, and future technologies.

This was a “tech-plus” discussion—addressing not only science, technology, and engineering subject matter, but also human, societal, and community implications.

The focus was on two of the NSF's four FW-HTF themes, augmenting human performance and illuminating the socio-technological landscape.

Breakout session topics included “Impact of Robotics, Automation, and Intelligent Assistance Technologies on the Future of Work,” “Thriving in the New Socio-Technological Landscape(s): Education and Employment,” and “Ethical Considerations for Future Workers: Maintaining Autonomy and Accountability in Increasingly Automated Workplaces.”

This event is one of a series happening this Fall, culminating in an NSF-sponsored event at the University of Massachusetts. The outcome of this series will be a set of recommendations to NSF for the Convergence Accelerator program.

Revised Common Rule for Human Research

Revisions to the federal policy for the protection of human subjects, colloquially known as “The Common Rule,” took effect January 21, 2019. As a result, the Case Western Reserve University IRB has updated its policies, procedures, and guidance to reduce burden where possible and to strengthen protections for human research subjects. Major changes include:

- The elimination of continuing reviews for some minimal risk research;
- New informed consent requirements; and
- A broadening of the types of research that may be considered exempt from the regulations.

For non-federally funded studies that are minimal risk, the CWRU IRB reduced or eliminated continuing review provisions in 2018. With the revised Common Rule, reduced or eliminated continuing review is now also applicable to federally-funded protocols that are not FDA regulated.

A new approach for presenting “Key Elements” in the informed consent document is structured to help potential participants decide whether or not to participate. The new **Informed Consent Template** is available online.

Finally, the revised Common Rule broadens the types of research that qualify for exemption. Several exempt categories have been revised, and there are new categories of exemptions. More information about the **Exempt Categories** in the revised Common Rule is available online.

Partners in Research: The Freedman Center for Digital Scholarship, Kelvin Smith Library

The Freedman Center for Digital Scholarship in the Kelvin Smith Library is a partnership-driven destination for creativity, discovery, and experimental scholarship. The team of scholars and librarians partner with others at CWRU and the surrounding community to integrate digital scholarship into research and teaching in new and innovative ways. Regardless of where individuals are within their research lifecycle, the Freedman Center team is here to support their research.

The team can provide customized project consultations; educational opportunities in the use of digital scholarship tools and pedagogy through workshops and classes; and guidance on our Freedman Fellows Faculty and Student scholarship programs. For more specialized digital scholarship guidance, members of the team are ready to assist with GIS and statistical analysis programs, multimedia and digitization hardware and software, copyright, scholarly publishing, open access resources and Digital Case, CWRU's institutional repository.

The Freedman Center's Collaboration Commons is a multi-purpose space on the first floor of KSL, and it is an excellent place to meet and build community with other scholars. It is equipped with MS Surface Hubs and moveable furniture. Adjacent to the Collaboration Commons is the Multimedia



Lab, which features a one-touch video recording studio, an online conferencing room, video editing workstations, analog to digital conversion equipment, as well as imaging, mapping, and visualization software. Both spaces are open to the public during library hours in support of research, course assignments, and other creative endeavors.

For questions about the Freedman Center for Digital Scholarship, please contact us at freedmancenter@case.edu.



SAVE THE DATE
Research ShowCASE
Friday, April 17, 2020
9 am – 3 pm
Veale Convocation Center

For More Information **CONTACT**

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The Office of Research Administration provides two weekly e-newsletters; one details funding opportunities and the other provides news and updates regarding research. Join the lists at research.case.edu/spiderweb/oraSubscriptions.cfm.

To speak with someone to obtain information, offer input, or discuss problems, questions, or concerns about participation in a research study, please contact the local Institutional Review Board (IRB) or Research Compliance Officer listed above.

Visit us on the web at: case.edu/research.