

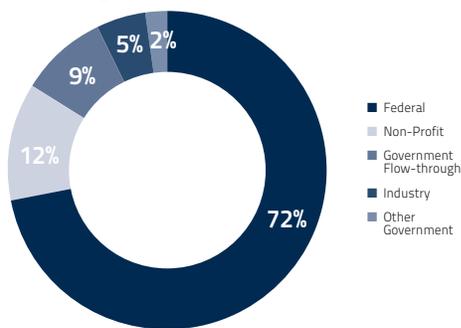
# RESEARCH MATTERS

## RESEARCH BY THE NUMBERS

Fiscal 2016 was a good year for Case Western Reserve University's research enterprise. Our sponsored research awards are up by more than \$20 million overall, which is a laudable achievement in today's ultra-competitive funding climate. Total research awards to the university (not counting awards made to CCLCM) totaled over \$312 million. Remarkably, we either held steady or saw increases in virtually all categories of funding source. Specifically:

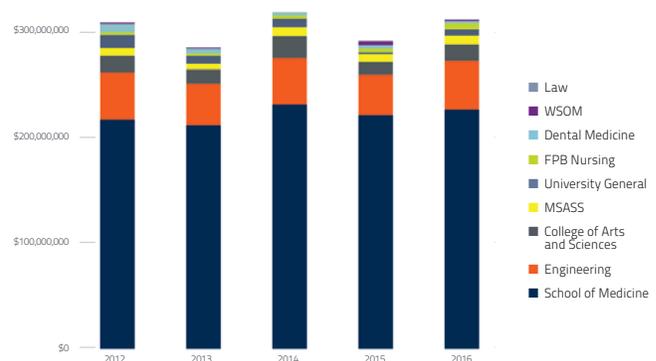
- Direct federal funding increased by about \$16 million;
- Direct other government funding increased by over \$3 million; and
- "Flow-through" funding of federal and other government support issued to the university as sub-awards from other institutions increased by over \$1 million.

### FY2016 Funding Sources



Moreover, increases in awards were experienced across the campus. Academic units showing growth in research awards included the School of Medicine, the School of Engineering, the College of Arts and Sciences, the Mandel School of Applied Social Sciences, and the Francis Payne Bolton School of Nursing.

### FY12–FY16 Awards by School or College



- The School of Medicine increased from \$221.9 million to \$226.9 million
- The Case School of Engineering increased from \$37.7 million to \$46.4 million
- The College of Arts and Sciences increased from \$12.6 million to \$15 million
- The Mandel School of Applied Social Sciences increased from \$7.3 million to \$8.1 million
- The Francis Payne Bolton School of Nursing increased from \$2.9 million to \$5.5 million

Notably, one of our largest awards in fiscal year 2016 was from the National Science Foundation to lead an alliance of universities that will "uniquely contribute to foundational knowledge about the recruitment, retention and graduation" of underrepresented minorities undertaking doctoral studies in Biology, Chemistry, and Engineering. The results of this project will provide information that will be beneficial to educators, administrators and policymakers, as well as the general public. CWRU is proud to pioneer academic programs such as this to increase diversity in graduate education and, ultimately, in the academy.

## CWRU's New Director of Corporate Sponsored Research and Strategic Industry Alliances

Earlier this year, CWRU created a new position, Director of Corporate Sponsored Research and Strategic Industry Alliances, filled by James Irwin. The Director will negotiate all sponsored research and sponsored service agreements with corporate entities for work occurring outside of the School of Medicine. In collaboration with colleagues in the Offices of Research Administration, Corporate Relations, Technology Transfer, and General Counsel, he will be responsible for leading industry agreement negotiations and coming to agreement on terms, in accordance with university standards.

Jim joins CWRU after eight years working in the legal field as an intellectual property attorney. He has extensive experience preparing and prosecuting patent and trademark applications as well as generating infringement, validity and freedom-to-operate opinions. Prior to entering the legal field, he worked as an analytical chemist and was responsible for conducting research for various pharmaceutical, aerospace, and transportation organizations. Contact Jim at [jxi70@case.edu](mailto:jxi70@case.edu) or (216) 368-5092.

# CWRU TTO to Host Industrial Partnering Conference on Energy Storage

Energy storage industry thought leaders and university technology managers will come together on October 27 for a daylong conference on the CWRU campus.

Goals of the meeting include finding licensing partners for academic innovations in the energy storage arena and building strong industry-academia partnerships necessary to advance energy storage technologies more quickly to commercial use. The event is organized by CWRU's Technology Transfer Office (TTO), in conjunction with the Association of University Technology Managers (AUTM). The intent of the forum is to provide a "one-stop shop" for technology commercialization offices and industry scouts to develop strong business relationships.

The meeting will be held at the Tinkham Veale University Center and will feature exhibits and panel discussions. The program format is designed to facilitate networking opportunities between industry and academia including significant time for one-on-one meetings. The afternoon panel of energy industry experts will focus on best practices to better position energy storage technologies for "matchmaking" between academic and potential commercial partners.

"The strong partnering focus makes this an economical and efficient deal-making conference for both technology commercialization offices and industry," said Mike Allan, Sr. Licensing Officer in CWRU's TTO. "CWRU TTO and AUTM hosted a Medical Imaging focused forum of this kind in 2014 in Cleveland with great success. We expect the AUTM Smart Power and Energy Storage Solutions Partnering Forum to be equally as effective for its participants."

Several major companies in the energy storage sector are expected to attend, such as LG Fuel Cells, Siemens, and Johnson Controls, as are technology managers from leading research universities, government energy labs, and other research organizations.

More information is available at this link: <https://www.autm.net/energyforum/>.



# SAVE THE DATE!

## Research ShowCASE + Intersections: April 21, 2017

Mark your calendars and save the date to join us for this annual event. Hundreds of new research projects will be on display. Talk with our talented students, faculty and staff and learn about the exciting work they are doing. The day will be filled with opportunities to explore the interactive booths and exhibits and to celebrate research at CWRU.

Sponsorship opportunities are now available. For more information, contact Tracy Wilson-Holden at [tjw18@case.edu](mailto:tjw18@case.edu) or (216) 368-6131.

This event is free and open to the public.



## Neils Selected for Baker-Nord Center Award for Distinguished Scholarship in the Humanities



**Jenifer Neils**

Jenifer Neils, the Elsie B. Smith Professor in the Liberal Arts in the Department of Classics, is the recipient of the 2017 Baker-Nord Center Award for Distinguished Scholarship in the Humanities. This award recognizes the outstanding scholarship of Case Western Reserve University faculty in the Humanities and their contribution to the University's reputation. This is the first year the award will be offered with

the support of the College of Arts and Sciences and the Office for Research and Technology Management. Recipients receive \$5,000 to support their research and deliver a public lecture as part of the Baker-Nord Center's spring program.

Professor Neils is an internationally renowned scholar of the art of ancient Greece and Rome. Her many books include *The Parthenon from Antiquity to the Present* (2005); *The*

*Parthenon Frieze* (2001); *Worshipping Athena: Panathenaia and Parthenon* (1997); and *The Youthful Deeds of Theseus* (1987). She has worked as a field archaeologist at several sites in Italy (Murlo, Acquarossa, Poggio Colla and Morgantina) and in northern Greece (Torone), and she is currently co-director at the important site of Segesta in Sicily. Included among her numerous prestigious fellowships and awards are grants from the American Academy in Rome, the Getty Research Institute, the National Endowment for the Humanities, the Mellon Center for British Art at Yale, the American Council of Learned Societies, and the Onassis Foundation.

This will be her 37th and final year at CWRU, as Professor Neils moves to Athens to take up the directorship of the American School of Classical Studies at Athens, the first woman director in its 135-year history. "Jenifer is one of the world's most distinguished scholars of the material culture of Ancient Greece," said Peter Knox, Director of the Baker-Nord Center for the Humanities. "We are delighted to be able to recognize her accomplishments with this award and to thank her for all that she has contributed to CWRU's reputation as a great research university."

# For More Information **CONTACT**

AREA	NAME	EMAIL	PHONE
<b>CWRU RESEARCH ADMINISTRATION</b>			
Sponsored Projects (pre-award)	Debra Bush	resadm@case.edu	216.368.6265
Sponsored Projects (post-award)	Robin Trail	spadocs@case.edu	216.368.4516
Sponsored Projects (effort reporting)	Monica Bradley	mbb9@case.edu	216.368.5945
<b>SCHOOL OF MEDICINE RESEARCH ADMINISTRATION</b>			
Pre-award Grants	Robin Bissell	medres@case.edu	216.368.4432
Pre-award Contracts	Judy McBride	medresindustry@case.edu	216.368.4432
Research Compliance	Matthew DeVries	mpd35@case.edu	216.368.1266
<b>UNIVERSITY RESEARCH COMPLIANCE PROGRAMS</b>			
Animal Research Committee (IACUC)	Andreja Romanchik	axr130@case.edu	216.368.3815
Biosafety Committee (IBC)	Colleen Karlo	jck2@case.edu	216.368.0838
Conflict of Interest Committee (COI)	Yovonda Rease	yxr13@case.edu	216.368.5963
Export Controls	Lisa Palazzo	lxp66@case.edu	216.368.5791
Research Compliance Officer	Kim Volarcik	kav6@case.edu	216.368.0134
Research Integrity	Tracy Wilson-Holden	tjw18@case.edu	216.368.6131
Human Stem Cell Committee (HSCRO)	Colleen Karlo	jck2@case.edu	216.368.0838
University Compliance	Lisa Palazzo (interim)	lxp66@case.edu	216.368.5791
<b>HUMAN SUBJECTS RESEARCH (IRBS)</b>			
Cleveland Clinic IRB	Deb McCleave	IRB@ccf.org	216.444.2924
MetroHealth Medical Center IRB	Carey Gorden	cgorden@metrohealth.org	216.778.2021
Social Behavioral IRB	Sue Ambro	sxa463@case.edu	216.368.4514
University Hospitals IRB	Carol Fedor	carol.fedor@uhhospitals.org	216.844.1529
Veterans' Affairs IRB	Jennifer Livingston	jennifer.livingston@va.gov	216.791.3800 x4658
<b>OTHER RESEARCH SUPPORT PROGRAMS</b>			
Animal Resource Center (ARC)	Tami McCourt	txm9@case.edu	216.368.4972
Chief Information Security Officer	Tom Siu	tjs39@case.edu	216.368.6959
Corporate Relations	Anne Borchert	amb14@case.edu	216.368.0242
Environmental Health & Safety (EHS)	Marc Rubin	mdr6@case.edu	216.368.1518
Government & Foundation Relations	Julie Rehm	jmr193@case.edu	216.368.6070
Human Subjects Education/Training	Laura Mekhail	ljb17@case.edu	216.368.6925
ORA Information Systems	Steve Reinhardt	sparta@case.edu	216.368.0404
Technology Transfer Office (TTO)	Monique McIntyre	mxm1032@case.edu	216.368.4439

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](http://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](http://case.edu/research).