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2019 CWRU Technology Validation and Start-Up Fund

The Technology Transfer Office is now accepting pre-proposals for the 1st round of the CTP. Pre-proposals are due **March 15**.

The Technology Validation and Start Fund, funded by the Ohio Third Frontier, aims to accelerate and fund the translation of promising technologies into the marketplace through Ohio start-up companies with the eventual goal of creating greater economic growth.

In 2019, CWRU received its third consecutive award of \$500,000, which is administered by the Technology Transfer Office as the CWRU TVSF Program (CTP) to advance a number of selected programs over a 12-month period. Projects must have already advanced beyond basic research and should have the equivalent of a laboratory-scale proof of concept prior to applying for funding.

All proposals must fall into one of these State of Ohio's technology focus areas:

- Biomedical/Life Sciences
- Advanced Materials
- Energy
- Software/Information Technology
- Sensors
- Advanced Manufacturing

Funding: \$100,000 (\$50,000 from CTP + \$50,000 cost match by awardees)

Funding Period: 12 months

Please visit the limited submission link for important eligibility and grant

requirements <https://case.edu/research/faculty-staff/funding-opportunities/limited-submissions>

IGROW Pilot Program

Through the Provost's Office Seed Sprint Initiative, CWRU faculty are invited to take part in the Interdisciplinary Grant Review Opportunity Workgroup (IGROW) Pilot Program. The goal of the pilot is to determine the feasibility of an interdisciplinary peer review program for grant proposals.

The pilot will offer reviews for three distinct time points in the grant submission process: Chalk Talk/Idea Development, Ready-to-Submit, and Post-Decision. Thoughtful feedback at these three stages has the potential to greatly improve submissions that go out the door to sponsors and increase chances of successful proposals. Additionally, we hope to build bridges between the different schools across campus to spark new ideas, networks, and collaborations.

All CWRU faculty members are invited to consider applying to be either a [reviewer](#) or [reviewee](#) for the pilot by clicking the appropriate link. As this program is only scheduled to run through May 1, 2019, please respond with your interest as soon as possible.

Any questions can be directed to the IGROW pilot team at IGROW@case.edu.

Research ShowCASE 2019 - Abstract Accepted through February 26

There is a lot of innovative research happening right here in the School of Dental Medicine. Now's your chance to show off your hard work! On Friday, April 19, 2019, hundreds of researchers, scientists and scholars will come together for our annual day of discovery, collaboration and community.

Register to display your work by submitting an abstract by Tuesday, February 26. Submission information, along with more event details, FAQs, and additional resources can be found on the [ShowCASE website](#). Hope to see you there!

Archived 2/25/2019

Scopus & SciVal - Learn How These Databases Can Help Your Research!

Scopus is an enormous curated abstract and citation database of peer-reviewed literature. SciVal contains data from over 38 million publication records that can be used to generate data visualizations as needed. Liz Bernal of KSL will present an overview of the Scopus and SciVal systems.

Join us on **Thursday, February 7, 2019 from 12-1pm in NOA 31A** for this [session](#).

Bring a laptop along so that you can follow along and create personalized results during the session! RSVP to Tricia via dentres@case.edu or 368-7573. Light lunch will be provided to RSVP'd attendees.

Archived 1/22/2019

ACES+ Program Opportunity Grants

ACES+ Advance Opportunity Grants provide small amounts of supplemental support of current or proposed projects and activities where funding is difficult to obtain through other sources. Examples of funding support include:

- Seed funding for unusual research opportunities or training grants to support the writing of books
- Travel grants to explore new techniques or attend advanced training courses
- Child care to attend a professional meeting or conduct research at another institution All faculty members are eligible to receive awards of up to \$5,000.

For more information on the program, including application instructions, please visit the [ACES+ website](#). The application deadline for 2018 is **[December 26 \(extended from December 14\)](#)**.

December 31st Hard Close

The Controller's Office has issued its [memo](#) about the annual mid-year hard close. As in previous years, any cost transfers to correct expenses that occurred from July to November 2018 must be submitted for the December month-end close deadline of Wednesday, January 2, 2019. After this date, any transfers for July-November expenses will only be approved on an exception basis and must include a [late cost transfer justification](#) if the expenses is related to a sponsored project.

If you have any questions regarding how this memo will impact your sponsored projects, please contact Tricia at 368-7573 or pam17@case.edu.

Archived 11/30/2018

Effort Certification In Progress Now - Due by November 19, 2018

If you have had effort on a sponsored project during the period of January 1, 2018 - June 30, 2018 you will soon receive an email notifying you of the need to certify your effort. The University is required to demonstrate adequate internal controls to ensure that effort on sponsored projects is captured accurately in our internal systems.

Certifying is quick and easy! Once your report has been released to you, an automatic email from "Effort Reporting" will arrive in your inbox with a link that will take you to your report (you'll need to log in with your Case ID and password). Review the information that is there, and if it looks correct, click the "Certify" button at the bottom of the report and you're done!

If you have questions about your report, please contact Tricia at 368-7573 or pam17@case.edu.

Archived 11/15/2018

Scopus and SciVal Training

Scopus is the largest abstract and citation database of peer-reviewed literature from more than 5,000 publishers. SciVal offers quick, easy access to the research performance of 8,500 research institutions and 220 countries worldwide.

Kelvin Smith Library will host several training sessions next week for faculty and students to learn more about Scopus and SciVal.

Faculty members will learn how they can improve their H-Index, shape their reputation, and find new opportunities to collaborate with peers. Students will learn how to find resources and narrow down topics for their research project or paper.

The sessions will be offered at various times Nov. 7, 8, and 9 at Kelvin Smith Library, Room 215 (second floor). More details, including registration info, can be found on the [KSL website](#) and the [informational flyer](#).

2018 CWRU Technology Validation and Start-Up Funding

The CWRU Technology Validation and Start Fund (TVSF), funded by the Ohio Third Frontier, aims to accelerate and fund the translation of promising technologies into the marketplace through Ohio start-up companies with the eventual goal of creating greater economic growth. The program is administered by the Technology Transfer Office and intends to fund a number of proposals over a 12-month period.

The CTP is intended to be the final bridge between a translational research project and a viable commercial program. Funding will support technologies that require validation/proof that will directly impact and enhance commercial viability and the ability to support a start-up company. Projects must have already advanced beyond basic research and should have the equivalent of a laboratory-scale proof of concept prior to applying for funding.

Additional details, including types of programs that will be considered for funding and how to apply, can be found [here](#) or by contacting Stephanie Weidenbecher by [email](#) or phone (216-368-6191).

The deadline for the pre-proposal (the form is included in the linked document in the previous paragraph) is **Wednesday, October 31, 2018**.

Archived 10/30/2018

NSF 2026 Idea Machine

The NSF 2026 Idea Machine is a competition to help set the U.S. agenda for fundamental research in science and engineering. Participants can earn prizes and receive public recognition by suggesting the pressing research questions that need to be answered in the coming decade, the next set of "[Big Ideas](#)" for future investment by the National Science Foundation (NSF). It's an opportunity for researchers, the public and other interested stakeholders to contribute to NSF's mission to support basic research and enable new discoveries that drive the U.S. economy, enhance national security and advance knowledge to sustain the country's global leadership in science and engineering. For more information, see the [Idea Machine](#) site. Entries will be accepted through October 26.

Though not a sponsored project/grant program, Sue Rivera, Vice President for Research and Technology Management, has offered any assistance for campus teams wishing to compete.

9th Annual Midwest Association of Core Directors Meeting

CWRU's School of Medicine and the Cleveland Clinic's Lerner Research Institute will be hosting the 9th Annual Conference of the Midwest Association of Core Directors. This is your opportunity as a researcher who's work depends on shared resources and core facilities to:

- Attend Free Satellite Meetings by our Platinum Plus Sponsors FEI Thermo Fisher and Illumina

- Attend 101 level scientific sessions on cutting edge techniques in Genomics, In Vivo and In Vitro Imaging, Shared Resource Administration, Big Data Analysis, Innovation and Entrepreneurship
- Attend State of the Science Sessions on Epigenetic Analysis, RNA Sciences, Drug Discoveries, Imaging Mass Spec
- Attend Core Facility tours at LRI and CWRU, including the Holoanatomy Facility
- Attend Plenary Sessions from Dr. Mitch Drumm on Cystic fibrosis: a model pipeline approach for genetic diseases and Panel Chaired by Dr. Marti Veigl on Single Cell Genomics
- Interact with Vendors to see the latest in research technology

Go to The [MWACD Website](http://mwacd.org) (mwacd.org) to see the full program and register for the meeting.

Contact Matt DeVires mpd35@case.edu with any questions about this event!

CWRU School of Medicine Employees can complete the follow Survey to get 50% off the \$160 registration fee: [SURVEY](#)

Archived 09/18/2018

219th Meeting of the National Advisory Dental and Craniofacial Research Council

The National Advisory Dental and Craniofacial Research Council has the responsibility of advising, consulting with, and making recommendations to the NIDCR Director and the HHS Secretary on matters relating to the directions of research, research funding, training, and career development supported by the Institute.

On **Thursday, September 13, 2018**, the Council will hold its meeting in Bethesda, MD. The public session will begin at 8:30 am and will be broadcast live via the NIH website. For more details and a complete agenda, visit the meeting [website](#).

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Dr. Suchitra Nelson Named 2016 Crain's Cleveland Health Care Hero

Suchitra Nelson, PhD, Assistant Dean for Clinical and Translational Research and Professor of Community Dentistry, has been named a *Crain's Cleveland Business* 2016 Health Care Hero in the *Advancements in Health Care* category. She is currently developing and leading a study backed by a \$4.6 million grant from the National Institutes of Health that is designed to reduce cavities and improve the oral health of low-income children.

The study will involve nearly 90 Northeast Ohio-area pediatricians who will apply a fluoride varnish to the teeth of nearly 3,700 participating children. The physicians will also deliver core oral health messages to parents and guardians, including the importance of baby teeth and information on how untreated cavities can lead to problems in the permanent teeth, serious infections and pain, trouble with eating and speaking, loss of time in school and other negative effects. By the project's end, Nelson hopes to pinpoint messages that most effectively sway parents and caregivers to take their children to the dentist. She will then translate the findings into a scalable model that could be adopted by pediatricians across the country.

“Dr. Nelson is a superb choice for this prestigious award,” said Kenneth B. Chance, DDS, dean of Case Western Reserve University School of Dental Medicine. “Studies show that only one in three children from low-income and various ethnic backgrounds visit a dentist in their early years. As a result, they are more susceptible to oral diseases, including tooth decay. African American and Hispanic/Latino children are nearly twice as likely as white children to have untreated tooth decay in baby teeth. Dr. Nelson’s current and previous research is crucial to rectifying this imbalance.”

Nelson has received funding for approximately 30 other research projects and published approximately 60 peer-reviewed studies and 100 abstracts. She has taught in the dental school's Master of Science in Dentistry Program since 1992 and has mentored and supervised theses for dozens of dental students. Nelson has a PhD in epidemiology and an MS in both epidemiology and nutrition from Case Western Reserve University and an MSc and BSc in nutrition & dietetics from the University of Madras in Madras, India. She has received many professional honors including a Presidential Early Career Award for Scientists and Engineers from the White House Office of Science and Technology.

[Read more about Dr. Nelson.](#)

Orthodontics' Dr. Hans Wins Fulbright to Develop Cleft Lip and Palate Center in Greece

Mark Hans' interest in treating craniofacial deformities was sparked when his mentor, B. Holly Broadbent, invited him on a shadowing experience at the Craniofacial Clinic at Rainbow Babies and Children's Hospital. It was 1982, and he'd just joined the faculty at Case Western Reserve University School of Dental Medicine. More than 30 years later, Hans, professor and chair of the Department of Orthodontics, has taken the knowledge he's gained researching and treating such deformities as a Fulbright Specialist Award recipient.

The Fulbright Specialist program offers top faculty and professionals the opportunity to engage in short-term academic opportunities around the world to support curricular and faculty development. From mid-November to early December, Hans worked with faculty at the University of Athens in Greece to establish the brand-new Cleft Lip and Palate Center. His project seeks to improve the overall care patients in Greece receive. While Hans noted that there are many talented doctors there, they often work in silos, rarely consulting with each other—so they may not reach the best treatment decisions.

To address that concern, he used the Rainbow team as a model to show doctors in Greece how they can coordinate care. By instituting a protocol that would have all doctors meet with patients at the same time and discuss treatment plans, Hans believes they can reduce the number of operations required.

Hans returned home Dec. 7. Though the grant period will have ended, he will conduct a follow-up visit to check in on the program next fall.

[Read more about Dr. Hans.](#)