

Archived 7/20/2021

2021 UCITE Opportunities Announced

for more details on how to apply.
2020 Research Recap

- The SODM has received \$1.76MM in sponsored project dollars (research and special projects) since the beginning of the year.
 - ~~\$857K projects totaling \$15MM~~ New and renewal funding. The overall award amount for these
 - Mark Hans, American Association of Orthodontics, “Digitizing a Unique and Historic Longitudinal Collection of Dental Casts”;
 - ~~Pushpa Pandiyan, CWRU School of Medicine, “SPORE Program: Immunosuppressive~~
 - Ge Jin, NIH-NCI, “HIV-Infected T-Cell Exosomes
 - \$900K in current non-competing continuation funding
 - Pushpa Pandiyan, “Th17 Cells and Treg Cell Dysregulation in Oral Mucosal Inflammation,” NIH-NIDCR;
 - Ge Jin, “Oral Immune Plasticity,” NIH-NIDCR;
 - Aaron Weinberg, “HBD3: A novel factor orchestrating microbial persistence,” NIH-NIDCR.
- Current research/special projects include:
 - Research on oral cancer in relation to:
 - HIV and inflammation;
 - the body’s immune response;
 - the bacteria in the oral microbiome;
 - improved methods to detect oral cancer.
 - Interventions to reduce health disparities and improve health:
 - New intervention models to increase dental attendance and reduce untreated caries among Medicaid-enrolled toddlers;
 - Creation of illness perception questionnaires and risk assessment tools to help oral health providers to help educate their patients about disease, from toddlers to senior adults;
 - Comparative studies testing dental treatments in low-income older adults that can be performed outside of the typical dental clinic setting thereby increasing access to care;
 - Creation and evaluation of tobacco cessation support tools for dental health providers.
 - Special Projects
 - Programs to provide free/reduced cost dental care to geriatric patients, HIV patients, and veterans;

Conduct Research Relevant to SGM Health and Well-Being. To achieve this goal, in part, the SGMRO will host this regional workshop in SGM health research to build capacity within the extramural research community. The goals of the Regional Workshop are to increase understanding of the NIH structure and processes, encourage mentoring relationships within the extramural research community, enhance capacity to conduct SGM research, and provide researchers with the opportunity to interact with NIH staff and established researchers in SGM health. The Regional Workshop is being held on April 2, 2020, in collaboration with Equitas Health and The Ohio State University in Columbus, Ohio.

To learn more and register, please visit <https://dpcpsi.nih.gov/sgmro/regionalworkshop>. The workshop is free

clinical products arising from the research programs of BME and affiliated Case faculty. Successful projects will thus often focus on the development of prototype products, building relationships with companies, performing clinical feasibility studies, obtaining regulatory approval, and other activities that companies or business experts indicate are the essential last steps before a license can be negotiated or a startup launched. The CCTRP awards funding at 2 different levels, pilot and full projects:

Pilot Projects

Pilot projects up to \$25,000 can be applied for on a rolling basis but will be considered quarterly. Pilot projects will typically be for a six-month period with specific milestones defined

Bioethics in Research and Health Care at Tuskegee University, will join CWRU panelists to discuss the ethical issues with the study.

Panelists include:

- Dr. Suzanne Rivera, Vice President for Research and Technology Management (moderator)
- Dr. Monica Webb Hooper, Professor, Case Comprehensive Cancer Center, CWRU
- Dr. Jackson Wright, Emeritus Professor of Medicine, CWRU
- Dr. David Hodge, Associate Professor, National Center of Bioethics in Research and Health Care at

Tuskegee University

Some attendees may find the contents of the film and the discussion unsettling (c) CWs(d)-4 (g)2 4 (W)1 (R)11 (R)4-11 (R) and activities

Archived 9/26/2019

Shared Training to Advance Integrity in Research (STAIR) Mentor Fellows Program

Case Western Reserve University has received grant funding from the Office of Research Integrity (ORI) to offer a year-long program providing ten junior and ten senior faculty researchers the opportunity to participate in a cohort experience to enhance mentoring, leadership and responsible research skills. Faculty chosen to take part in the STAIR Mentor Fellows Program will participate in the following activities over the course of the year:

- Partner with another faculty r

Hearing about export controls in the news? Come learn about the recent changes on **Wednesday, July 11, 2019, 12:00-1:00pm**, Toepfer Room, 2nd Floor, Adelbert Hall.

Faculty, staff, and students are invited to this engaging session to learn more about federal export control regulations and how they impact university activities, including research and travel. We will discuss the new Export Controls Act of 2018 and how export controls are now established for emerging and foundational technologies.

Seating is limited – first come, first served. Feel free to bring your lunch. For more information, contact Andy Jarrell, Associate University Compliance and Privacy Officer, at 368-0833, or by [email](#).

Effort Certification In Progress Now - Due by July 9, 2019

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 06/06/2019

Presentation: Helping Faculty Achieve their Full Research Potential

The Office of Research and Technology Management is hosting a presentation by EAB in the Toepfer Room, Adelbert Hall on Thursday, May 9 from 11:30-1:00. An overview of the presentation can be found [here](#). Lunch will be provided, so please RSVP to Tora Williams (tora.williams@case.edu) by May 1.

Research ShowCASE 2019 is April 19!

On Friday, April 19, 2019, hundreds of researchers, scientists, and scholars will come together for our annual day of discovery, collaboration, and community. Held in conjunction with the Spring Intersections, Research ShowCASE provides evidence of how research brings value to our community and the world. Exhibits of real-world applications, critical insights, and creative and intellectual activities will be on view highlighting the full range of research at CWRU. Research ShowCASE is free, open to the public and held in Case Western Reserve University's Veale Convocation Center.

More information can be found at <https://case.edu/research/research-showcase>.

Clinical Research Scholars Program Accepting Applications

The Clinical Research Scholars Program (CRSP) at CWRU is accepting applications for the Master of Science Program in Clinical Research in both Type A (Thesis) and the NEW Type B (Capstone).

- **TYPE A (THESIS):** This is a flexible 1- to 5-year program designed for post-doctoral trainees and faculty who seek training in the design and implementation of high-quality clinical research involving human subjects.

The goal of the program is to prepare a new generation of clinical investigators for leadership roles in academia, government, and industry. Admission requirements include a degree in Medicine, Dentistry, a doctorate in Nursing, or allied sciences such as P0.003 Tw 0.Mand-0.003 Tw 0 n4 (g)2 ie a-4 yr

- TYPE B (CAPSTONE): This is a flexible 1- to 5-year program created for individuals who may not be playing the role of principal investigator on a clinical research study, but who desire strong preparation in clinical research methods and associated statistical approaches and envision themselves playing a critical role on the clinical research team as a research assistant, study coordinator, or data manager

The Type B Capstone project's goal is to provide the student with fundamental knowledge and/or experience in important tasks related to the clinical research endeavor. The Type B prerequisites for consideration for admission is a minimum of a baccalaureate degree in a science or health-related field. Individuals with another baccalaureate will be evaluated on a case-by-case basis.

CRSP offers a 30 credit-hour course of study that culminates in a Master of Science degree awarded by the CWRU School of Graduate Studies. The degree is granted upon the completion of the core curriculum in clinical research (12 credits); elective courses (15 credits) and a Capstone (3 credits).

Note: CRSP courses are also open to individuals who are not pursuing a Master's degree but wish to enhance their skills in the design and conduct of clinical research. The list of courses within the CRSP curriculum is listed below.

Please, visit our website <http://case.edu/medicine/crsp/> for further details and application information. The deadline for applications to the CRSP Master's program has a recommended deadline of April 15th.

Archived 04/09/2019

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>

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

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

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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](#)

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](#)"

Archived 09/11/2018

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.](#)