



THE OHIO STATE UNIVERSITY

CENTER FOR CLINICAL AND
TRANSLATIONAL SCIENCE

The CCTS Investigator

Accelerating Discoveries Toward Better Health

February 2019

News & Events

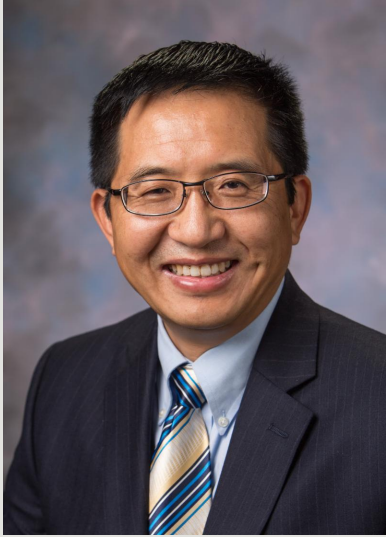
CCTS Welcomes New Program Co-Directors for Pilot Studies Program

The CCTS is proud to welcome Vish Subramaniam, PhD and Henry Xiang, MD, MPH, PhD as the new Co-Directors of the Pilot Translational and Clinical Studies Program. Both joined the CCTS in late 2018. We are excited about the new chapter in pilot program leadership and the unique strengths and expertise that Dr. Subramaniam and Dr. Xiang will bring to the program as well as the CCTS as a whole.

Vish Subramaniam, PhD, is Professor and Chair of the Department of Mechanical and Aerospace Engineering (MAE), and Professor of the Chemical Physics Program at The Ohio State University (OSU). He is the Director of the Applied Physics Laboratory in MAE. Dr. Subramaniam earned his B.S. and M.S. degrees from Columbia University, and his PhD from Carnegie Mellon University. Dr. Subramaniam's research in the biomedical sciences is currently focused on in the mechanisms of interaction between low-frequency (<500 kHz) electromagnetic (EM) waves and tissues and cells, with applications in hindering cancer metastasis, cancer detection and imaging, development of electroceutical treatments for antibiotic-resistant bacterial biofilm infections and wound healing, and malaria detection.



Henry Xiang, MD, MH, PhD, is a Professor of Pediatrics at The Ohio State University (OSU) College of Medicine. He is the founding Director of Center for Pediatric Trauma Research and Research Core Director of Center for Injury Research and Policy at Nationwide Children's Hospital. Dr. Xiang earned a MD & a master degree from Tongji Medical University, China. He



earned a PhD from College of Veterinary Medicine & Biomedical Sciences, Colorado State University. Dr. Xiang has served and continues to serve national and international leadership roles. His expertise includes innovative patient-centered outcome research methods, medical applications of virtual reality, and global collaboration in trauma/emergency medicine research. Dr. Xiang's research has been continuously funded by local, state, federal grants since 2004 and he received multiple national awards.

Click here for more information about the Pilot Translational & Clinical Studies Program.

Translational Therapeutics Think Tank (T4)

The **Translational Therapeutics Think Tank (T4)** is a free CCTS resource designed to assist investigators at all career levels by providing input, consultation, and guidance on research study design, drug and device development projects, and translational projects of all kinds.

The T4 committee is made up of expertise from the OSU colleges of Medicine, Veterinary Medicine, Engineering, Pharmacy, and Biostatistics, as well Nationwide Children's Hospital (NCH) and can provide feedback on most aspects of study design including biostatistics, helping to identify potential funding mechanisms and collaborators across the OSU/NCH network, relevant animal disease models, regulatory and ethical issues, and all aspects of study design. The service functions as a true "think tank" where investigators can bring a brief presentation of their proposed or on-going study and receive real time, in-person feedback on specific questions or needs they may have related to their project.

A meeting with the T4 group can be requested by visiting the **CCTS website** and selecting the Research Consultation tab, follow it down to the "Translational Therapeutics Think Tank T4, Click on that link and chose the "request a meeting" option. If there is an issue with that link, please feel free to go directly to the online service request, go.osu.edu/t4servicerequest.

Congratulations to the 2018-2019 Integrating Special Populations (ISP) Pilot Program Awardees

Congratulations to the following faculty who were awarded funding for the inaugural cycle of the Integrating Special Populations (ISP) Pilot Program:

- **Susan Havercamp, PhD, Nisonger Center:** "Evaluating an Informed Consent Process Designed to Improve Inclusion of Adults with Intellectual Disability in Research"
- **Laura Justice, PhD, Crane Center for Early Childhood Research and Policy:** "Do they stay or do they go? Retaining a low-income maternal-child cohort longitudinally"
- **Liz Klein, PhD, MPH, Health Behavior and Health Promotion, College of Public Health:** "Visual attention to graphic warnings about smoking and pregnancy among low-income women of reproductive age"
- **Leeann Lower, PhD, Department of Human Sciences:** "Developing Methods to Measure Physical Literacy of Children with Intellectual Disabilities: A Multi-Stakeholder Approach"
- **Cindy Sieck, PhD, MPH, Center for the Advancement of Team Science, Analytics, and Systems Thinking (CATALYST):** "Engaging the Geriatric Population in Use of Patient Portals"

ISP pilot funds are awarded for 12 months and are available to investigators holding clinical or research faculty appointments at The Ohio State University (OSU) or Nationwide Children's Hospital (NCH). To be eligible for ISP pilot funding, proposals must focus on a methods-related, biomedical and/or psychosocial health-related research problem in one or more special population group. **The next annual application deadline for the ISP Pilot Program will be June 1, 2019.**

[Learn more](#)

Nominations for Innovator of the Year Awards

The Office of Research and the Corporate Engagement Office are seeking nominations for Ohio State's 2018 Innovator of the Year awards. These awards recognize and celebrate outstanding innovation accomplishments of faculty, staff and students. Nominate in the following categories: Innovator of the Year, Early Career Innovator of the Year and Next Generation Innovator of the Year. One award will be given in each category.

[Learn more](#)

Translational Science 2019

Registration is now open for the 2019 Translational Science Conference. More than 1,100 trainees, researchers and federal program officers are coming together for **Translational Science 2019** on March 5-8 in Washington, DC.



Here's what you can expect over your four days in the nation's capital:

- **Expanded time** for workshops, mini-symposia, and networking time
- Keynote presentations from **key thought leaders** like Thomas R. Insel, MD, Heidi Rehm, PhD, FACMG and Sharon Terry
- A best in class abstract hall, featuring the most innovative research from 550+ presenters
- Opportunities to learn more about the FDA and NIH, and advocate for clinical and translational science on Capitol Hill

[Register today](#)

Two Online Master's Programs for Clinical and Preclinical Researchers

Develop skills in clinical trial design, clinical pharmacology and toxicology, or advance your career in clinical research administration. Choose one of two flexible, 100% online master's programs: The **MS Pharmacology** program is designed for clinicians and students with a bioscience background. The **Master of Applied Clinical and Preclinical Research (MACPR)** is administratively-focused and open to students with any background.

We are currently accepting applications through May 1, 2019 for autumn 2019 enrollment (classes begin August 20, 2019).

Online information sessions via Zoom:

- Wednesday, March 6, 2019 (7-8p ET) | [Zoom Meeting Link](#)
- Wednesday, April 10, 2019 (7-8p ET) | [Zoom Meeting Link](#)

RSVP is Required to participate. To RSVP, please contact **Amy Cherry**.

Learn more

CCTS Community Scientist Academy

The CCTS Community Engagement Program will be hosting its second Community Scientist Academy (CSA) beginning on **March 7, 2019**. The goal of the program is to equip stakeholders in the community with the knowledge, resources, and opportunities they need to become “research-ready” community partners.

Originally developed at the University of Arkansas for Medical Sciences (UAMS) Translational Research Institute, the CSA aims to increase community stakeholders’ awareness and understanding of research and to increase engagement throughout the entire translational research process. Over a series of six interactive sessions, attendees will be exposed to an array of topics, including: how research teams formulate their research questions and study designs; writing and submitting research grants; the grant review and regulatory processes; study implementation, analysis and dissemination; and opportunities for community members to get involved at each of these stages. Each session will include an opportunity to meet experienced research faculty and/or research support staff to ask questions and learn more about how the research process works.

Dates: Sessions will take place every Thursday between March 7 - April 11

Time: 9:00 am - 11:30

Location: The OSU Family Practice in Upper Arlington (1800 Zollinger Rd., Columbus, OH 43221)

Register today

Clinical Research Professional Training Series: Human Gene Transfer

Upcoming Session: Human Gene Transfer

Location: DHLRI 170

Date: Thursday March 14, 2019

Time: 9:00-10:00 am

Speakers: Courtney Mankowski, Associate Director and Research Integrity Officer, Office of Research Compliance

For questions, please contact **Abigail Larsen**.

Register today

CCTS/CRC and MSD Seminar

The CCTS and CRC are hosting a seminar on “Biomarker Detection with Next Generation Multiplexing and High Sensitivity Immunoassays”.

Tuesday, March 26

DHLRI room 165

2-3pm

Learn how to measure very low levels of secreted and intracellular biomarkers in a variety of samples types using minimal volume. If you are utilizing ELISA, Western Blots or Bead Based immuno-assays, we can help advance your research. This customizable multiplex platform has excellent reproducibility, wide dynamic range and is located in the *Analytical & Development Lab* in the Medical Center. Attendees will also learn how to receive \$3000 worth of free services with a CCTS voucher.

Questions? Contact [Trina Wemlinger](#).

[Learn more](#)

Ohio's Expert Finder System: The Ohio Innovation Exchange Drives Research Collaboration

March 27, 2019

11 AM to Noon

Center for Clinical & Translational Science, Prior Hall, room 240

The **Ohio Innovation Exchange (OIEx)** features information collected from Ohio universities and features faculty experts, state-of-the-art university equipment, and research support services. The OIEx web portal enables business, industry, and academic users to more easily find, connect, and collaborate.

The CCTS and the Office of Research present this this hands-on workshop in which you will learn:

- How to update your profile on OIEx making yourself visible to potential collaborators
- How to search OIEx to find research resources and collaborators from across the state—or just across campus.

Bring your laptop to take part in the training.

Target audience: faculty and administrators who support faculty.

Register: <http://j.mp/2Vje8pj>

More information: Stuart.Hobbs@osumc.edu

Additional ORRP Educational Sessions

The Office of Responsible Research Practices (ORRP) and the Center for Clinical and Translation Science Research (CCTS) will also be co-sponsoring several other upcoming seminars and workshops:

Initial Submissions under the Revised Common Rule

February 28, 2019

11 a.m. – noon

Research Commons, 3rd Floor

18th Avenue Library

Buck-IRB Initial IRB Submissions

March 5, 2019

8 – 9:30 a.m.

Biomedical Research Tower, Room 115

460 W 12th Avenue

Privacy Matters: Preserving Privacy in Human Subjects Research

March 26, 2019

8 – 9:30 a.m.

James Cancer Hospital, Room L-035

460 W 10th Avenue

Initial Submissions and Buck-IRB

March 27, 2019

3 – 4:30 p.m.

Research Commons, 3rd Floor

18th Avenue Library

Submission to Western IRB under the Revised Common Rule

April 2, 2019

11 a.m. – 12:30 p.m.

Biomedical Research Tower, Room 115

460 W 12th Avenue

Electronic Informed Consent: Processes, Platforms, and Participants

April 17, 2019

8 – 9:30 a.m.

Ross Heart Hospital, Room H1213

452 W 10th Avenue

Event Reporting in Human Subjects Research

May 2, 2019

11 a.m. – 12:30 p.m.

Biomedical Research Tower, Room 115

460 W 12th Avenue

[Learn more](#)

Pushing the Boundaries: Scientific Innovation and Biomedical Ethics

When: Thursday, April 11-12, 2019

Where: Sabin Hall, Liberty Township, OH

We invite you to attend our upcoming bioethics conference entitled, Pushing the Boundaries: Scientific Innovations in Bioethics, Thursday and Friday April 11-12, 2019, sponsored by the University of Cincinnati Center for Clinical and Translational Science and Training (CCTST), the Cincinnati Children's Hospital Ethics Center, and the University of Cincinnati Office of Research. The conference brings together clinicians, scientists, and clinical and research ethicists to discuss many of today's more pressing issues within biomedical research.

The conference will ask participants to reflect on the impact of new developments in preclinical and clinical research affecting health and how these areas of research are influenced by various ethical, moral, social, practical, legal and scientific viewpoints. The two-day conference is a chance for you to learn from leading scholars and participate in conversations surrounding the ethics and innovation of such timely topics as regenerative medicine, organ transplantation, right-to-try clinical care, alternative study designs, and tissue preservation.

[Learn more](#)

College of Medicine Trainee Research Day

The 18th annual **College of Medicine Trainee Research Day** is scheduled to take place Thursday, April 11. All College of Medicine faculty, staff and students are invited to attend.

Trainee Research Day provides an exciting opportunity for faculty, staff and students to appreciate the research being conducted in biomedical science by College of Medicine trainees of the Wexner Medical Center. More than 350 posters representing the work of these promising researchers will be on display throughout the day in the Biomedical Research Tower.

[Learn more](#)

SOCRA CCRP Certification Examination

The College of Medicine Office of Research will be hosting the SOCRA CCRP Certification Examination on **Monday, June 10, 2019 from 8am-12pm.**

The CCRP certification is awarded with 1) a successful written application and 2) a passing examination score. You can find more information on their [website](#). Please note the application deadline of **April 29th**.

Please contact [Abigail Larsen](#) with any questions.

[Learn more](#)

What do you ASPIRE to?

NCATS invites innovators to learn more about the NCATS ASPIRE Design Challenges for Translational Innovation in Pain, Opioid Use Disorder, and Overdose.

The goal of the ASPIRE Challenges is to reward and spur innovative and catalytic approaches towards solving the opioid crisis through development of:

1. novel chemistries;
2. data-mining and analysis tools and technologies; and
3. biological assays that will revolutionize discovery, development and pre-clinical testing of next generation, safer and non-addictive analgesics to treat pain, as well as new treatments for opioid use disorder (OUD) and overdose.



In a newly-released informational video, you'll hear from the director of NCATS, Dr. Christopher Austin, about how the ASPIRE Challenges fit into the NIH's Helping to End Addiction Long-term (HEAL) Initiative in response to the national opioid crisis. We will also cover the details of the 5 ASPIRE Challenges, important dates, rules, and review criteria.

For questions, please contact [NCATS Aspire Challenge](#)

[Learn more](#)

New CLIC Resource Center aims to encourage collaboration and resource-sharing

CLIC has launched a new Resource Center so that CTSA Program members can easily share relevant and useful guides, manuals and other tools with the full consortium. This page aims to encourage collaboration and resource-sharing so that hubs across the program don't need to 'recreate the wheel' every time they're faced with a challenge or question.

Blue Buffalo Veterinary Clinical Trials Pet Hero of the Month

Pet Hero Apollo was enrolled in one of the clinical trials for dogs with osteosarcoma at the [Blue Buffalo Veterinary Clinical Trials Office](#) in March of 2017.

The clinical trial Apollo is part of is a randomized study that

evaluates if orally administered rapamycin following Standard of Care improves long-term disease control.

We currently have 11 clinical trials for different types of cancer including lymphoma, transitional cell carcinomas, osteosarcoma, solid tumors and mast cell tumors.

Please visit our [website](#) for a complete list of our current trials.



Improve the research experience of participants using the Participant Satisfaction Survey

A **Research Study Participant Satisfaction Survey** developed by OSU study coordinators and CCTS staff is available to the OSU research community. The survey helps researchers assess and improve the research experience of participants for a single study, studies conducted within a Division or Department, or potentially across the entire research enterprise.

For ease of use, the survey has been created within REDCap and can be offered digitally or paper-based. Any OSU research team with an IRB approved study may request use of the survey to collect data that includes participant demographics, source of recruitment, motivation, understanding of the consent process, level of satisfaction with research staff, overall experience and desire to participate in future studies at OSU.

[Learn More](#)

Looking for Study Visibility?

StudySearch was created to enhance visibility and participation in research studies conducted throughout OSU and NCH. With approximately 40,000 site visits in the past year, it provides an easy way for potential study participants to find basic, descriptive information about openly recruiting research studies and trials and provides them with contact information to learn more.



Researchers with an IRB approved study that are currently seeking volunteers can **follow these directions** to **submit a study** within StudySearch to ensure their study is listed on StudySearch. No additional IRB oversight is necessary to list your study.

[Learn more](#)

Biostatistics Consulting Office Hours

Visit the Veterinary Medicine Academic Building, room 145 on **Mondays from 8:00 am - 9:00 am** for help on creating a testable hypothesis, study design, data collection logistics, data management, and basic data analysis.

For questions, please contact [Rebecca Garabed](#)

IRB Office Hours - Single IRB and IRB Reliance Agreements

Do you have questions about using an external IRB or making Ohio State the single IRB for your multi-site study? Join the Office of Responsible Research Practices and the Center for Clinical and Translational Science as we host walk-in office hours on Tuesdays from 12:30 am - 4:30 pm at the CCTS, room 259.

[Learn more](#)

Ohio Innovation Exchange connects universities, industry

The Ohio Department of Higher Education's new Ohio Innovation Exchange (OIEx) connects industry with faculty, students, equipment and facilities available at Ohio's research universities. OIEx provides extensive search functionality and an intuitive interface. This pilot includes engineering, health sciences and natural and mathematical sciences, with plans to add other disciplines and universities/colleges. Faculty may manage any data issues with their profiles [here](#).

Please [email](#) all questions.

[Learn more](#)

Accessing Research Data Office Hours - i2b2 and IHIS/IW data

Data Core within the Dept. of Biomedical Informatics can assist you in your Research Data needs and our analysts are available to provide their expertise on any questions regarding i2b2 access, data availability within i2b2, IHIS/EPIC or pre IHIS/IW tables, Honest Broker or research data in general.

The CCTS offers open office hours for i2b2 and Research Data consultations on Wednesdays from 1:00-3:00pm in 260 Prior Hall.

[Learn more](#)

IRB Submission Assistance

The Office of Responsible Research Practices (ORRP) is offering assistance for Biomedical and Cancer researchers who prepare IRB submissions. Open office hours are held in the CCTS suite, room 259 in Prior Hall. Appointments are recommended; walk-ins are also accepted:

- Wednesdays from 12:30 pm - 4:30 pm
- Thursdays from 9:00 am -12:00 pm

These individualized sessions are intended to help navigate IRB forms, policies, and review procedures. You can schedule an appointment by contacting [Brandie Dickens](#).

ORRP continues to offer specialized assistance with single IRB review and IRB reliance Tuesday afternoons at the same location.

Call for Proposals: Institute for Population Research 2019 Seed Grant

IPR offers seed grants to nurture research projects consistent with IPR's mission to promote population science research. IPR favors multi-disciplinary collaboration. We especially encourage applications from junior faculty, and from faculty new to population and health research.

Funding for this seed grant program is drawn primarily from our NICHD P2C award. See below for the scientific mission of the NICHD Population Dynamics Branch [PDB]. Priority is given to research which falls within one or more of IPR's four thematic areas: (i) Sexual and Reproductive Health; (ii) Family Demography; (iii) Mortality and Health over the Life Course; (iv) Migration. If you are unsure if your research fits, you are welcome to discuss with IPR Director John Casterline. See: <https://ipr.osu.edu/seedgrants> for examples of past IPR seed grants.

The goal of this program is to seed projects which have the potential to compete successfully for external awards – NICHD, NIH, NSF or other agencies that fund research encompassed by the NICHD/IPR mission. Hence it is expected that seed grants will lead to the submission of a grant proposal. **It is also expected that IPR will receive a portion of the indirects (e.g. 10%-20%) when an external award is secured.**

The structure of seed grant projects, and the activities which they fund, can take many forms. We are deliberately flexible, within the boundaries set by the above criteria. In general, seed grant projects fall into one of two classes:

1. Small and Focused Projects. This class is the "traditional" IPR seed grant. Typically these projects are twelve months' duration (with option for no-cost extension) and have a budget \$15,000 - \$35,000. R01, R21, and R03 applications to NICHD/NIH are common expected outcomes.
2. Large Multi-investigator Project. These projects have a maximum duration of twenty-four months and maximum budget of \$85,000. The expected outcome is application(s) for substantial external funding. Teams contemplating applying for a large IPR seed grant are advised to discuss their plans with IPR Director **John Casterline** or IPR Associate Director **Pam Salsberry**.

Additional information/application guide/ templates available on our **website** or contact **Jill Morris**

Call for Proposals: Trial Innovation Network



What makes a good Trial Innovation Network proposal?

The Trial Innovation Network is looking for study projects with:

- Principal Investigators who are willing to partner with the TIN through the project lifecycle
- Innovations in operations
- Multiple sites
- Inclusion of many populations
- Academic evidence to improve clinical trial design

Any full-time faculty member at The Ohio State University and/or Nationwide Children's Hospital is eligible to submit a study proposal to the Trial Innovation Network through the **CCTS TIN Hub Liaison Team**.

To submit a proposal or for questions about the Trial Innovation Network, please contact Hub Liaison Team Administrator, **Angela Sow** via **email** or at (614) 247-7732.

Clinical Research Competency Series: 2018 Schedule

Nationwide Children's Hospital has become home to the most innovative clinical trials in the nation, and oftentimes, globally. In an effort to create an intellectual community to foster compliance and lower institutional risk, NCH is offering an expanded clinical research course series on a variety of topics. Individuals completing all sessions will receive a certificate of Clinical Research Competency.



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When your child needs a hospital, everything matters.SM

Courses will be held in the main Clinical Research Conference Room located on the 6th floor of the Tower building (T 6220) unless otherwise noted, and are eligible for CE credits with ACRP or SoCRA.

For more information on 2019 courses, dates offered, and registration, please visit **the ANCHOR website** (this is a NCH Internal Site) for the Clinical Research Competency Series.

Campus-wide Research Grantwriting Newsletter

The OSU Office of Research provides a campus-wide subscription to an excellent newsletter on Research Grantwriting News. Writers are experts in research/proposal development and this resource should be required reading for anyone preparing a grant proposal. Recommendations are especially helpful to those who are new to grant writing or want to enhance their grantsmanship skills.

Subscribe now

Research Funding Opportunities Consultations

If you are thinking about your next research project, we encourage you to schedule a research funding consult and learn how to use SPIN, an extensive research funding opportunity database. SPIN contains over 40,000 opportunities from more than 10,000 sponsors. With SPIN, you will learn how to:

- Create and save customized searches that generate daily email funding alerts
- Organize and share funding announcements with colleagues
- Access an extensive Keyword list, allowing for greater flexibility in your searches
- Quickly locate Federal or non-Federal programs
- Locate all types of funding information, e.g., travel grants, fellowships, and other sponsored programs

All Ohio State faculty, staff, and students are able to create an account in SPIN. Please visit <http://go.osu.edu/funding> for step-by-step instructions.

ReGARDD Program

The Regulatory Guidance for Academic Research of Drugs and Devices (ReGARDD) Program offers an innovative and organized platform in which regulatory expertise can be shared across academic intuitions. ReGARDD provides academic researchers with the regulatory tools and resources necessary to successfully navigate the pathway from discovery to clinical implementation of new drugs, biologics and medical devices. We use a two-pronged approach:

- A shared CTSA website that is comprised of helpful tools, templates, decision trees, and educational resources to support academic investigators' regulatory needs,

- A regional forum of regulatory experts from the four institutions involved in the program. The role of the forum is to strengthen the regulatory affairs workforce at each institution by providing exposure to a broad array of regulatory knowledge and a platform to share best practices, and discuss complex regulatory issues.

The ReGARDD program is a collaboration between the regulatory affairs specialists from North Carolina Institutions that receive funding from the NIH Clinical and Translational Science Awards (CTSA) Program. These CTSA hub institutions are the University of North Carolina at Chapel Hill and partner RTI International, Duke University, and the Wake Forest School of Medicine.

[Learn more about ReGARDD](#)



Funding Opportunities

First Intramural Funding program Deadline for 2019: April 1 by 5PM

Intramural grants for clinical and translational research are available to physicians, psychologists and other clinical staff at Nationwide Children's Hospital if they also hold a faculty appointment at The Ohio State University. Residents and fellows also may apply. Research Institute faculty are eligible to apply if a collaboration with a Nationwide Children's clinician is proposed. **As of September 2018, project eligibility criteria for intramural grants has been expanded to also include Medical Education (MedEd) Research.**

For more information on the Intramural Funding Program and the newly expanded eligibility criteria, please visit [the ANCHOR website](#) (NCH intranet/campus access only) or contact via [email](#).

[Learn more about Additional grant opportunities available through the CCTS.](#)

2019 PhRHMA Foundation Awards

The PhRMA supports research and early career endeavors of scientists in drug discovery and development, and recently published application materials for three 2019 award programs. Click on one below to learn more.

[Health Outcomes](#)
[Translational Medicine and Therapeutics](#)
[Clinical and Translational Pharmacology](#)

[Learn more about PhRMA](#)

Campus-wide Internal Funding Opportunities

The OSU CCTS is excited to announce that The OSU Office of Research's CarmenWiki listing of all internal funding opportunities has been updated with a new column titled "*Includes Human Health*". Thanks to Jeff Agnoli and his team, this resource will now help translational scientists to quickly find grants that are applicable to human health.

[View all open opportunities](#)

Additional NIH Funding Opportunities

[View all open opportunities](#)



News from our Colleagues



National Institutes
of Health

Read about the latest translational science news, opportunities, and announcements in the latest edition of the NCATS e-Newsletter and the NIH's Weekly Funding Notice.

[NCATS News](#) | [NIH Funding Notice](#)



Learn more about PCORI through their blog, video room, news releases, and other resources.

[Latest News](#)



Discover the latest news in translational science and grant opportunities from the Association for Clinical and Translational Science's monthly newsletter.

[ACTS Connection](#)



Take Advantage of Your ACTS Membership Benefits

When you sign up as a member of the OSU CCTS, you are entitled to become a member of *The Association for Clinical and Translational Science* at no cost.

As a member of the ACTS, you have access to a wide variety of benefits and tools to assist you with your research. These benefits include:

- Discounted registration for the Translational Science Meeting
- Email updates and web access to relevant translational science topics
- Access to the ACTS newsletter, the *ACTS Connection*
- Access to articles in the *Journal of Clinical and Translational Science*, published by Cambridge University Press
- Opportunities for development and participation in committees and special interest groups



Cite & SUBMit

Publications supported by the OSU CCTS must cite the CTSA grant number (UL1TR002733) and by law, be submitted to PubMed Central. For instructions, review the NIH Public Access Policy on the CCTS website.

UL1TR002733

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