





Login | Request Indiana CTSI account

Q



About

News & Events

Research Resources

Training & Education

Grants & Funding

Community Engagement

Volunteer for Research

Tools

News Center Newsletter ▼ Announcements ▼ Meetings ▼ Archives ▼ Contact

Precision Health Initiative receives \$40M from IU's Grand Challenges

Indiana University today announced that the Precision Health Initiative, a research initiative focused on patient-centered precision medicine therapies, is the first recipient of funding under the university's new \$300 million Grand Challenges Program.

Led by faculty at the IU School of Medicine, IU Bloomington and Indiana University-Purdue University Indianapolis, the Precision Health Initiative will develop IU's expertise in individualized precision medicine. Precision Health Initiative team members will work closely with several prominent business and community partners, including Eli Lilly and Co., Roche Diagnostics, Cook Regentec, Deloitte,



Regenstrief Institute and IU Health. The primary goals will be to transform health care for the people of Indiana and medical research and education at IU.

Precision medicine is aimed at understanding and optimizing the prevention, treatment, progression and health outcomes of human diseases through a more precise understanding of the genetic, developmental, behavioral and environmental factors that contribute to an individual's health.

IU President Michael A. McRobbie said PHI is a visionary proposal that fully realizes the vision of IU's Bicentennial Strategic Plan to improve the education, health, economy and quality of life of the people of Indiana. Led by IU Associate Vice President for Clinical Affairs and IU School of Medicine Executive Associate Dean for Research Affairs Anantha Shekhar, the Precision Health Initiative will seek to cure at least one cancer and one childhood disease, as well as find ways to prevent one chronic illness and one neurodegenerative disease.

"Through team-based, interdisciplinary collaboration, this initiative represents an effort to overcome one of the greatest challenges facing Indiana and society -- developing a comprehensive approach to individualized health care at every stage, from prevention to final outcomes," McRobbie said. "This initiative will put IU's extensive breadth and leadership of large-scale research, discovery and innovation to work for the people of our state."

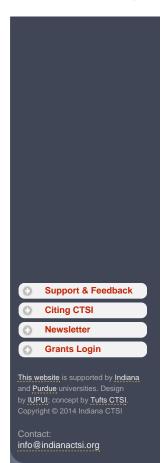
IU Vice President for Research Fred H. Cate noted that the inaugural initiative exemplifies how public universities can move away from all-too-common research silos and toward interdisciplinary collaborations that involve not only faculty from many disciplines, but also diverse teams of practitioners, policymakers and community leaders working together to tackle vexing issues.

"Grand Challenges is a bold initiative to focus research on critical needs facing the people of Indiana, to measure the value of research by its impact and to work in close partnership with industry, government and community organizations," Cate said. "The Precision Health Initiative promises to do all of this, transform health care and the quality of health of all Hoosiers."

The initiative will incorporate five research clusters across the university. Those clusters will focus on genomic medicine; cell, gene and immune therapy; chemical biology and biotherapeutics; data and informatics sciences; and psychosocial, behavioral and ethics, according to Shekhar.

"Precision health and person-centered approaches to patient care will be the next paradigm shift for health care delivery, and likely the dominant new forces in training the next generation of graduates from health sciences schools," Shekhar said. "The goal of precision medicine is to get the right prevention or treatment to the right patient at the right time, and this initiative will enable us to do that for Hoosiers across the state."

The initiative spans the full range of health promotion and disease prevention, as well as individualized treatment and recovery strategies.





for more information visit: **MEDICINE.IU.EDU**

The Precision Health Initiative will receive as much as \$40 million in funding provided by the Grand Challenges Program and leverage up to an additional \$80 million from the IU School of Medicine. The team expects to hire 40 new, full-time faculty members, including 22 at the IU School of Medicine, 15 at IU Bloomington and two at IUPUI. The program will also support the creation of new facilities, centers and user platforms, including new gene editing and sequencing cores at the IU School of Medicine, and a good manufacturing practice facility to produce cellular therapeutics. Also to be supported at the School of Medicine will be a cross-campus Center for Chemical Biology and Biotherapeutics, a Precision Health Data Commons and a Precision Health Integration and Analytics Platform.

The Precision Health Initiative was chosen at the end of a year-long process. The first round of the Grand Challenges

Program began with 21 preliminary proposals that involved over 400 faculty members from 29 schools at six IU campuses.

By design, each Grand Challenge initiative is an investment in research that will substantially and tangibly impact local communities, the state, the nation, and the world. Grand Challenges initiatives will draw strategically on IU's strengths and resources and involve partnerships with industry, government and community organizations to create a tangible and lasting positive impact on both the state and the university. It is expected to support the hiring of as many as 175 new faculty and hundreds of new graduate students and postdoctoral fellows. Most importantly, it will enable IU to expand its efforts to address some of the most critical issues facing Indiana and the world.

For more information, infographics and ongoing updates, visit medicine.iu.edu/research.







Login | Request Indiana CTSI account



Q



About

News & Events

Research Resources

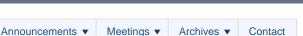
Training & Education

Grants & Funding

Community Engagement

Volunteer for Research

Tools



July 2016 Indiana CTSI Informatics Report from Bill Barnett



Newsletter ▼

News Center

This report comes at the end of my first year as Chief Research Informatics Officer (CRIO) for the Indiana CTSI and Regenstrief Institute. There is a lot going on in terms of informatics service to the health sciences community.

For this report, I'd like to focus on the OnCore system and the services it provides to the research community, particularly for the management of clinical trials. OnCore has 3 components: a clinical trials management system (CTMS), a biospecimen management system, and a registry system. Each provides a particular service, and together they provide additional capabilities in the ability to integrate trials, biobanks, and patient cohort registries. Together, they represent the Indiana CTSI's investments in these critical research services.

The OnCore CTMS was put in place at Indiana over 11 years ago by the Simon Cancer Center, but more recently the Indiana CTSI has invested in it and made it available to support trials for all research groups. Because of our long relationship with Forte Systems, the company that provides OnCore, we have been able to drive many system innovations to our benefit. Current innovations include the Research Resonance Network that tracks trials progress automatically against national trends and provides a real time dashboard for department, center or school clinical trial metrics, and a Participants Payment system that can automatically reimburse trial participants.

With the leadership of the Clinical Trials Office (CTO), OnCore has become a strategic research asset for trial management. Through Regenstrief Institute, demographics and labs for trial participants can be automatically populated from the Indiana Network for Patient Care directly into OnCore. We have implemented patient safety notifications into the IU Health medical records system that places notifications in the IU Health medical record when a subject is on a trial, so caregivers are aware of that status when that patient arrives for care. We are now working with IU Health to pilot OnCore for subject recruitment across the network of IU Health affiliated sites statewide. Additional OnCore functionalities, primarily for financial management of clinical studies, are being piloted for introduction on an enterprise level. For more information, contact the Clinical Trials Office at cto@iu.edu or visit their website.

The Indiana CTSI has also adopted OnCore as the standard system for biospecimen management and registries. The OnCore biospecimen management allows users to track the collection, storage, requisition and distribution of specimens. The Indiana Biobank (IB), and many large biobanks are now using OnCore to manage biospecimen collections. The IB currently has data on over 25,000 biospecimens and associated medical records data. The OnCore registry system can be used for building, organizing, and managing registries for uses such as patient recruitment, treatment outcomes, retrospective chart review, and annotating biobanking projects. The OnCore registries service can also integrate medical records data and has simple to use reporting capabilities. It is designed to support projects whose data management needs have become too complex for tools like REDCap.

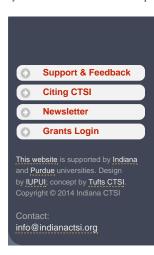
As in January, I want to report on our progress and plans. Over the past 6 months, we have:

- Established a governance committee for OnCore for better coordination and representation. Members are myself, Ken Carlson (CTO), Tatiana Foroud (IB), and Kerry Bridges (IUSCC).
- Hired Catherine Bauer-Martinez to improve our REDCap support.
- Retained a design consultant to begin the process of redesigning the Indiana CTSI HUB.
- Started providing master contracts with IT service providers that can be used by departments for clinical research. We have one in place with UITS for server hosting, and are working on another with Salesforce.
- Piloted a secure high performance computing enclave in partnership with UITS. This enclave will help the Regenstrief Data Core, and investigators in general, more quickly analyze large clinical data sets, particularly INPC data.
- Been part of the successful Precision Health Initiative proposal, which will bring new IT resources and Big Data approaches to clinical research across the enterprise.

We are very excited about the Precision Health Initiative. Our role in that will be to develop innovative IT infrastructure to advance precision health. Future reports will describe that infrastructure effort as we move forward.

Plans upcoming in the next 6 months include:

- The Indiana CTSI HUB redesign process begins this month, and we hope to complete it by year's end.
- Undertake two Director level hires to support Precision Health.
- Developing an implementation plan for integrating the OnCore CTMS with the Kuali Coeus eIRB system in order to eliminate double entry of data and automate transfer of data between these systems.
- Hire more technical support for registries.



- Develop and disseminate clear policies and procedures, in collaboration with IU Health, to improve access to their data warehouse for research.
- Continue our partnership with IU Health to provide the data, cohort definition methods, and recruitment toolkit to improve patient recruitment.
- Begin working with Eskenazi Health to put in place new services to improve research support there following their transition to the Epic medical records system.

I'd like to understand your needs, and where we need to improve what we're doing. Please feel free to ask me how informatics can help your research.

Bill Barnett, Ph.D.

Chief Research Informatics Officer, Indiana CTSI

barnettw@iu.edu





Q

Contact





Login | Request Indiana CTSI account



Are You an Investigator Needing Help?

About

News & Events

Research Resources

Training & Education

Grants & Funding

Community Engagement

Volunteer for Research

Tools

News Center Newsletter ▼ Announcements ▼ Meetings ▼ Archives ▼

Shekhar receives inaugural IURTC Outstanding Innovator Award

Indiana University Research and Technology Corp., which helps IU faculty and researchers realize the commercial potential of their discoveries, has awarded the first IURTC Outstanding Innovator Award to Dr. Anantha Shekhar.

Shekhar is the August M. Watanabe Professor of Medical Research and a professor of psychiatry, neurobiology and pharmacology in the Indiana University School of Medicine and co-founder of Anagin LLC. He will also lead the Precision Health Initiative, the first recipient of funding under the university's new \$300 million Grand Challenges Program.

Indiana University President and IURTC Chairman Michael A. McRobbie presented the award to Shekhar at the June 22 meeting of the IURTC board of trustees. McRobbie said the development



and commercialization of Shekhar's research reflect some of the goals set out in the university's Bicentennial Strategic Plan.

"Indiana University is committed to contributing to the economic development and prosperity of Indiana by translating discoveries and innovations of its faculty into new products, services and companies," he said. "Anantha has proven to be one of the leaders in this area by developing his research of post-traumatic stress disorder through the IURTC SpinUp program and delivering his work to improve people's lives around the globe."

Shekhar co-founded Anagin with Yvonne Lai, a senior scientist with IU's Department of Psychological and Brain Sciences in Bloomington and the Indiana Clinical Translational Sciences Institute. The company won the third annual BioCrossroads New Venture Competition in 2014 and has received more than \$950,000 in federal grants to develop its treatments for post-traumatic stress disorder and traumatic brain injury.

"I appreciate this recognition from IURTC, especially because there are many innovative researchers throughout the Indiana University campuses and schools. The impact of the research being done at IU extends around the world," Shekhar said. "People around the world are affected by post-traumatic stress disorder, and my goal is to alleviate the suffering they face on a daily basis. That is the hope of all researchers: to reach the people who can benefit most from their innovative work."

IURTC President and CEO Tony Armstrong said the organization's mission is to protect IU intellectual property and bring it to market.

"It is vitally important to ensure that important discoveries made at Indiana University reach the people who can benefit from them," he said. "IURTC was founded in 1997 to assist IU faculty and researchers in bringing their best ideas to the marketplace. From helping to secure the appropriate legal protection for their discoveries to finding the right business partners to market them, IURTC plays a critical role in bringing IU innovation to the world."

About the Indiana University Research and Technology Corp.

IURTC is a not-for-profit corporation tasked with the protecting and commercializing of technology emanating from innovations by IU researchers. Since 1997, IU research has generated more than 2,700 inventions resulting in over 3,900 global patent applications being filed by IURTC. These discoveries have generated \$133 million in licensing and royalty income, including \$111 million in funding for IU departments, labs and inventors.

Support & Feedback Citing CTSI Newsletter **Grants Login** This website is supported by Indiana and Purdue universities. Desig

info@indianactsi.org







Are You an Investigator Needing Help?

About

News & Events

Research Resources

Training & Education

Grants & Funding

Community Engagement

Volunteer for Research

Tools

Login | Request Indiana CTSI account

Request Indiana CTSI account

Announcements ▼ Meetings ▼

Archives ▼

Contact

Q

July 2016 Indiana CTSI Opportunities

Newsletter ▼



News Center

Regenstrief Data Core Lunch and Learn Sessions

The Regenstrief Data Core was recently approved as a CTSI Designated Core. The Regenstrief Data Core has been a central resource for electronic health care data access for decades, and serves both the Regenstrief Institute and the IU School of Medicine.

The Regenstrief Institute Data Core is holding lunch and learn sessions for people who would like to learn more about the core and how it contributes to research studies. The first Lunch and Learn held in June was a success, with roughly 40 attendees from Regenstrief and IU (including a couple of people from Bloomington).

The next lunch and learn session will be held Friday, July 22 from noon - 1 pm at Regenstrief Institute, Room 209/210, 1101 W. 10th St. Indianapolis, IN 46202. Lunch will be served. Anyone who is interested in

learning more about Regenstrief Data Core services, what types of data are available for research, and how to collaborate with the data core is invited to attend. Questions may be directed to Patty McGuire pcmcguir@regenstrief.org. RSVP is not required, however it is much appreciated.

CLICK HERE TO RSVP

A final lunch and learn will be held Tuesday, Aug. 23 from noon - 1 pm at the Joanne Fox Social Hub, 1101 W. 10th St. For details on that session, please email pcmcguir@regenstrief.org. For more information about Indiana CTSI and the Regenstrief Data Core, and the resources available for conducting research, visit www.indianactsi.org and www.ridata.org.

American English for Internationals class registration now open

Enrollment is open for the American English for Internationals for professionals. A two-instructor model will be used this year to allow for more one-on-one time with participants. Class will meet 11 consecutive Wednesdays, starting Aug. 10 and ending Oct. 19. from 5:15 to 7:15 pm in the Candlelight Room, A3050-A at Methodist Hospital. The goal of AEI is to improve participants spoken communications with colleagues, patients and staff through modification, not elimination, of international accents. The course fee is \$250 per participant by July 15, and then increases to \$350. Registration closes Aug. 2.

CLICK HERE TO REGISTER

Chromatin and Epigenetics Symposium

Purdue University will host a one-day **Chromatin and Epigenetics Symposium** on Tuesday Oct. 11 with invited talks from recognized experts in epigenetics such as Keith Slotkin, Ph.D., Richard Gregory, Ph.D., Sharon Dent, Ph.D., and Victor Corces, Ph.D. This symposium will include opportunities to interact with the speakers and other faculty at a networking luncheon and evening reception.

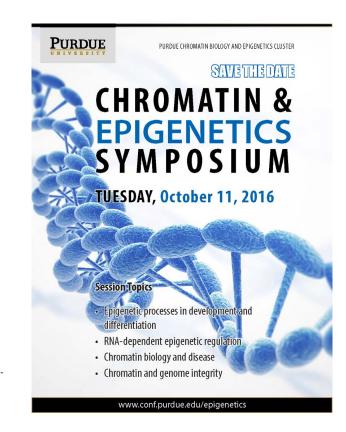
Sixteen abstract authors will be selected for the opportunity to give a 15-minute talk during the meeting. All attendees are eligible to submit an abstract for the talk opportunity. Students and postdocs are strongly encouraged to submit abstracts. The organizing committee will review abstracts submitted by Aug. 1. Authors whose abstracts have been selected for talks will be notified by email by Aug. 26. The conference organizers will select two outstanding short talks/presentations for special recognition and a monetary prize.

Visit the website for registration, the full meeting agenda and additional meeting information.

REDCap Office Hours

Questions about REDCap? The Indiana CTSI now provides open office hours for REDCap at the Regenstrief Institute, room 112. All current users are encouraged to drop by at any time during posted hours to discuss questions with the REDCap Administrator. No





appointment is necessary. Help is available on a first-come, first-served basis.

Upcoming sessions:

Monday, July 25 from 3 - 4 pm, RF112

Wednesday, July 27 from 3 - 4 pm, RF112

REDCap consultations are also available by appointment at any time. Please email hubsupport@indianactsi.org to request an appointment.

Center for Analytical and Instrumentation Development Workshop

The 2016 Center for Analytical and Instrumentation Development Workshop is Sept. 18-19 at Purdue University's Discovery Park. This two-day event allows attendees to learn about mass spectrometry from the experts, experience new analytical instrumentation, attend a hands-on short course and follow-up on last year's courses and talks. Experiments and demos will include miniature mass spectrometer, therapeutic drug monitoring, microorganism identification, point-of-care testing and cancer diagnostics. Registration and meals are free. **Visit the website** to register, view the meeting agenda or learn more about the sessions and demos.







Login | Request Indiana CTSI account



Q



News & Events

Research Resources

Training & Education

Grants & Funding

Community Engagement

Volunteer for Research

Tools



July 2016 Indiana CTSI Announcements

News from CHeP

New Name: Indiana CTSI's Community Health Engagement Program (CHEP) is now called Community Health Partnerships (CHeP). Though it sounds the same, the new name is shorter, simpler and more descriptive of the program and its goals. With its new name, CHeP also has a new logo. While this logo retains the bridge, it's now bolder and easier to see from a distance. Additionally, there is a new tagline to go along with it: Better Health Together. Watch for these changes as CHeP rolls out its new design in the next few months.



Event Recap: On June 9, CHeP held its annual networking event, *Synergistic Action to Impact Indiana's Health: A forum created by the Indiana CTSI/CHeP.* Record-breaking registration and attendance brought together nearly 160 health professionals from community- and university-based organizations across Indiana.

The event was hosted at the Eiteljorg Museum in downtown Indianapolis and was designed to engage stakeholders in an interactive day-long forum to meet and connect with others;

share experiences, challenges, and successes; learn from and interact with community and university experts; and impact health on a local, regional and statewide level.

Anantha Shekhar, M.D., Ph.D., Director of the Indiana CTSI, opened the day highlighting the importance of community engagement and collaboration as a component of health research and improvement. Participants then broke into groups to develop action items related to obesity, violence, mental health, drug addiction, infant mortality and precision medicine. With experts from various health fields, each group discussed policy, program implementation, funding, data, and evaluation as methods to address these issues. In the afternoon, participants took a regionally based approach to examining the problems as well as resources available throughout Indiana. The day closed with remarks from Jennifer Walthall, Deputy State Health Commissioner, on the necessity for partnering across the state to address public health issues.

CHeP is looking forward to building on the momentum created during this event. Keep an eye out for future events and other ways to get involved. More information on the CHeP network is available here.

News from the Access Technology Program

The Indiana CTSI has negotiated a CTSI wide license for **Ingenuity Pathway Analysis and Advanced Analytics from Qiagen**. The software, which can be installed on any desktop or laptop computer, provides analytical tools for high throughput data such as transcriptomics and proteomics. This license provides considerable savings for any investigator who would like to sublicense these products from CTSI. READ MORE.

The Center for Medical Genomics (CMG) can now accept very small amounts of RNA for RNA sequencing. We have successfully tested an ultra-low input RNA sequencing protocol that can produce high quality data from as little as 10 pg of RNA (approximately 1-2 cells). CMG currently provides services for next-generation RNA sequencing of total RNA (with either ribosomal reduction or polyA selection) as well as miRNA and small RNA (e.g. ribosomal profiling), DNA sequencing, ChIP seq, and targeted sequencing panels (AmpliSeq Exome,



Comprehensive Cancer Panel and Cancer HotSpot Panel). Dr. Xiaoling Xuei, xxuei@iu.edu and Dr. Howard Edenberg will be happy to discuss proposed experiments; please contact them before preparing your samples for sequencing.

The Proteomics Core in Indianapolis has added to their list of specific mass-spec based assays. In addition to the capabilities in unbiased protein biomarker discovery (large-scale proteomic profiling), the Proteomics Core recently has developed two clinically relevant, antibody-free, mass spec-based assays. One is for the quantitative measurement of arginine/citrulline/ornithine in human plasma and the other is for ADMA/SDMA/arginine in human plasma and tissues. If you are interested in these assays, please contact Dr. Mu Wang (muwang@iu.edu) for more details.

The Center for Medical Genomics can now provide microarray services using 500pg to 2ng of total RNA for RNA extracted from normal tissue samples and 2-5ng of total RNA from FFPE (formalin fixed paraffin embedded) samples. The new Affymetrix Pico protocol also works with extremely degraded RNA and is used with the standard Affymetrix microarrays. This extends transcriptome analysis to samples from limited tissues such as stem cells, sorted cells, laser capture microdissection and RNA from FFPE samples. CMG has already processed samples from investigators using laser capture and FFPE samples with good results. Affymetrix has also announced new less expensive microarrays; more information for these new microarrays will be available later this month. For more information about the new Pico protocol or new microarrays, contact Jeanette McClintick, jnmcclin@iu.edu or 274-8450.









Login | Request Indiana CTSI account





About

News & Events

Research Resources

Training & Education

Grants & Funding

All CTSI Funding

All Open RFPs
Other Funding

Grant Management
Citation Information

No Cost Extensions

Community Engagement

Volunteer for Research

Tools

All Open Indiana CTSI Request for Proposals

This page lists all Indiana CTSI funded proposals currently accepting applications. You can click on the grant title for further details for that grant. The "START" link at the bottom of each grant will take you to the CTSI grants system (which requires login) and start the application process.

Infectious Diseases T32 Training Program- 2017.03

APPLICATION SUBMISSION DEADLINE - MARCH 07, 2017

This training opportunity is a collaborative effort between the Division of Infectious Diseases (ID), Department of Medicine; the Sections of Adolescent Medicine and Infectious Disease & Global Health, Department of Pediatrics; the Department of Dermatology and; the Department of Microbiology and Immunology.

The primary mission of this multidisciplinary training program is to train well qualified MD and PhD scientists for productive and sustainable careers in research. The scope of training ranges from bench science to implementation research. In addition, as team science is rapidly becoming the primary mode of operation for biomedical scientists addressing complex questions related to human health, this opportunity emphasizes training investigators who are familiar with the practices, procedures, and languages of collaboration necessary for creating and working within a productive team. This opportunity uses a broad based integrative approach, supported by excellent mentors, in order to achieve the goal of training superb researchers for the next generation.

IIMR VA Young Investigator Award (YIA) - 2017.02

LETTER OF INTENT (LOI) DEADLINE JANUARY 18, 2017 APPLICATION SUBMISSION DEADLINE - FEBRUARY 08, 2017

IIMR's mission is to promote and enhance research efforts that will ultimately result in improved quality of life for veterans and for the greater population. In support of that mission, IIMR works to encourage investigators to develop their research careers by working with IIMR and the VA and veterans to answer important questions. One way IIMR encourages investigators is to sponsor the annual Young Investigator Award Program, which provides a competitive experience for investigators to explore the possibilities of VA-related research.

The IIMR is currently seeking submissions for clinical, basic science and translational research. It is expected that two meritorious awards will be funded through this RFA cycle. Project budgets should be limited to those funds necessary to carry out the research project and should limited to \$25,000

Please note: If you want to attend a grants writing workshop or educational session prior to completing your YIA submission, please contact the IIMR via Mary.Gray1@va.gov, 317.988.9544, or refer to the IIMR website at iimrindy.org. Our office will be happy to assist you in enrolling in a workshop or session.

MD/MS Fellowship Program: Year in Translational Research for Medical Students - 2017.03

SUBMISSION DEADLINE - MARCH 07, 2017 (4:00 PM)

The Indiana Clinical and Translational Research Institute (CTSI) is seeking applicants for a special research fellowship in translational research. This fellowship program will be awarded through a competitive process. CTSI will provide an annual stipend and one year of health insurance coverage for as many as two IUSM medical students interested in taking a year out of medical school to pursue an M.S. in Translational Science.

CTSI - IU Kelley MBA Core and Project Business Management Assistance - 2017.01

SUBMISSION DEADLINE - JANUARY 16, 2017 (5:00 PM)

The Indiana CTSI, jointly with the IU Kelley School of Business, offers to provide for a team of 2-5 Indiana Kelley MBA students (from the residential-MBA program in Bloomington) to be your partners for the project as a part of their independent study program for course credit. Project duration will be 8 weeks. Selected cores will be expected to engage with the MBA students for initial project scope (2 hours), additional follow-up or onsite meetings (8-12 hours) and a final project close-out (1-2 hours). The MBA students will contribute 30-100 hours each (depending on the project scope, number of team members and course credit assignment) to the project progression in turn. Selected projects will commence in February - March 2017 and will be completed by early May.

CTSI Young Investigator Award in Clinical - Translational Research - 2017.01

SUBMISSION DEADLINE - JANUARY 17, 2017 (5:00 PM).

The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for the CTSI Young Investigator Awards in Clinical-Translational Research. These awards are designed to provide promising junior investigator faculty with the opportunity to be mentored in research-intensive multi-disciplinary settings toward the goal of developing careers in clinical-translational research. Clinical research includes epidemiological studies, clinical trials, or other investigations involving human subjects. Translational research consists of either "T1 research"

(interface of basic science to human studies) or "T2 research" (interface of human studies to the community). To be eligible, candidates must fall into 1 of the following 2 categories: 1) Clinician-scientists with a doctoral degree (physicians, nurses, dentists, pharmacists, clinical psychologists, optometrists, veterinarians, allied health care professionals, etc.) or 2) Basic scientists with a PhD who are doing translational research, which involves some component of human subjects research and has high potential for early translation in impacting patient care.

CTSI Postdoctoral Training Awards in Translational Research - 2017.01

SUBMISSION DEADLINE - January 13, 2017 (5:00 PM). The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for special postdoctoral training awards in translational research. In biomedical terminology, translational research refers to what is popularly termed as "bench to bedside"; the process by which research in the lab translates into patient treatment. Translation may involve applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans, or carrying out research aimed at enhancing the adoption of best practices, or both. To be eligible, candidates must have received a PhD or equivalent degree from an accredited domestic or foreign institution. Please refer to the competition guidelines for full eligibility criteria.

Ralph W. and Grace M. Showalter Research Trust - 2017.01

KC ROUTING DEADLINE - January 10, 2017 (5:00 PM).

Since 1975, IUSM has received research funding through gifts made possible from the Ralph W. and Grace M. Showalter Research Trust Fund. The areas of appropriate biomedical research, eligible for funding, are broad and described by the benefactors as "the type of medical research that is most likely to permanently benefit mankind." Donor intent prohibits the use of Showalter Trust funds for research in psychiatry, sociology, or social studies. Applications for funding from the Ralph W. and Grace M. Showalter Research Trust will be reviewed in two stages. An initial review by the IUSM Biomedical Research Committee (BRC) will select the most meritorious proposals for further discussion and ranking. The BRC will then provide a recommended ranking to the Showalter Trustees who conduct a second review. Final funding decisions are made by the Showalter Trustees. Applications for funding beginning July 1, 2017 must be routed to the Office of Research Administration (ORA) by 5pm on Tuesday, January 10. ORA approved applications should then be uploaded to the CTSI website no later than 5:00 pm Tuesday, January 17. Only current full-time faculty (non-visiting status) having a primary appointment in IUSM and a rank of assistant professor or assistant scientist are eligible to apply for funding from the Showalter Research Trust. Note that the same proposal may not be submitted as both a Biomedical Research Grant and a Showalter Trust application. If eligible for both programs, the investigator is encouraged to submit to the Showalter Trust.

Biomedical Research Grant - 2017.01

SUBMISSION DEADLINE - January 10, 2017 (5:00 PM).

The Biomedical Research Grant program is open to all IU School of Medicine (IUSM) faculty that are full-time, regardless of tenure status, having an appointment of Assistant/Associate/Full Professor and Assistant/Associate/Full Scientist . In general, two categories of research projects will benefit from this program: 1) research projects of investigators new to IUSM who do not yet have extramural funding and who need support to acquire the preliminary data necessary to compete for extramural funding; 2) research projects of established IUSM investigators who are between funding periods from extramural sources.

Design and Biostatistics Program (DBP) Pilot Grant - 2017.02

LETTER OF INTENT (LOI) DEADLINE - DECEMBER 16, 2016 FULL APPLICATION DEADLINE - FEBRUARY 6, 2017 (5:00 PM)

The Design and Biostatistics Program (DBP) of the Indiana Clinical and Translational Science Institute (CTSI) is comprised of 8 units with associated expertise: 1) Department of Biostatistics, IU School of Medicine and Fairbanks School of Public Health; 2) Division of Hereditary Genomics, Department of Medical & Molecular Genetics, IU School of Medicine; 3) Computational Biology, Center for Computational Biology & Bioinformatics, IU School of Medicine; 4) Department of Epidemiology, Fairbanks School of Public Health; 5) Department of Statistics, Purdue College of Science; 6) Department of Applied & Computational Math & Statistics, Notre Dame School of Science; 7) Department of Statistics, IU Bloomington College of Arts & Sciences; 8) Department of Epidemiology and Biostatistics, IU Bloomington School of Public Health.

To achieve its objectives and stimulate development for emerging translational research needs, the DBP will fund innovative pilot projects that support methodological research of faculty members in the eight units that comprise the DBP. The total budget for the entire RFA is \$20,000, and it is expected that up to two awards will be funded at approximately \$10,000 per award for a twelve month duration. The objective of this mechanism is to fund research proposals that will synergize methodological strengths and translational biomedical research of the DBP, and in particular, the following types of research proposals:

- Research projects that propose to develop novel methodology (such as biostatistical, epidemiological, genetic, and bioinformatics methods).
- Research projects that match novel methodology with translational science needs.
- Research projects that have high potential to obtain external funding.

Preference will be given to investigators who have not already received extramural funding. Applications to this program are expected to be \$10,000 per award and are of one (1) year duration.

START

CTSI Pre-Doctoral Training in Translational Research - 2016.12

CV SUBMISSION PRIOR TO APPLICATION (via ictsi@purdue.edu) DEADLINE - DECEMBER 5, 2016 FULL APPLICATION DEADLINE - DECEMBER 12, 2016 (4:00 PM)

The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for special predoctoral training awards in translational research. In biomedical terminology translational research refers to what is popularly termed "bench to bedside", the process by which research in the lab "translates" into patient treatment. Translation may involve applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans, or carrying out research aimed at enhancing the adoption of

best practices, or both. These two types of translational research are usually described as consisting of either "T1 research" (basic biomedical research, e.g. study disease at a molecular or cellular level, as it progresses to the development of new treatment options at the clinical level) or "T2 research" (enhancing access to and the adoption of evidence-based strategies in clinical and community practice, institutionalizing programs, products, and services to improve health). These awards are aimed at predoctoral students whose research is at any point along this spectrum. Funding is for two years (with the 2nd year of funding contingent upon satisfactory progress). Benefits include a stipend as well as health insurance and partial coverage of tuition and fees.

Center for Diabetes and Metabolic Diseases' Pilot and Feasibility - 2017.03

LETTER OF INTENT (LOI) DEADLINE - JANUARY 9, 2017 (5:00 PM) FULL APPLICATION DEADLINE - MARCH 6, 2017 (5:00 PM)

This funding opportunity announcement invites applications from investigators at Indiana University (IUSM, IUB, etc.), IUPUI, and Purdue. The program will be particularly directed at new investigators and established investigators new to diabetes-related research. The program will also consider established diabetes investigators pursuing high impact/high risk projects or projects that are a significant departure from their usual work. The campuses are ideal for establishing interdisciplinary collaborations and forging new partnerships between basic scientists and clinical researchers, and such collaborations are encouraged. Work supported by these funds is expected to lead to submissions of major extramural grants (R01/equivalent NIH, major foundation awards, DOD, etc.).

START

Global Health Research Pilot Projects -2016.12

SUBMISSION DEADLINE - DECEMBER 12, 2016 (5:00 PM)

The Indiana CTSI with the IU Center for Global Health is soliciting proposals from applicants developing or currently involved in collaborative global health research projects. The purpose of this RFA is to foster and encourage the development of new collaborative interdisciplinary research that seeks to identify innovations to address key global health challenges and improve health outcomes in resource limited settings. This RFA will fund pilot research projects with: (1) a high potential for attracting new extramural research funding; (2) a focus on strengthening collaborative multidisciplinary research collaborations between Indiana CTSI partner institutions (IU, Purdue, and Notre Dame) and key academic research centers abroad; and (3) an emphasis in key, high-yield, research-related initiatives, including basic and translational sciences research, biobanking, cancer, population focused disease control, informatics and decision support systems, and implementation research dissemination.

Post-Doc Challenge - Funding to Utilize CTSI-Designated Cores - 2017.02

FULL APPLICATION DEADLINE - TUESDAY, FEBRUARY 28, 2017 (5:00 PM)

The Indiana Clinical and Translational Sciences Institute (CTSI) is soliciting proposals from postdoctoral researchers to develop translational research through the use of technologies and expertise available at the Indiana CTSI-designated core facilities available at all partner institutions. Translational research refers research in the lab that eventually translates into patient treatment to improve human healthcare. Translation involves applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans.

CTSI-designated core facilities are cores that undergo a yearly accreditation process through the Indiana CTSI for all partner institutions. The Postdoc Challenge offers postdoctoral researchers at Indiana University, Indiana University School of Medicine, IUPUI, Purdue University, and the University of Notre Dame valuable proposal writing and reviewing experience in areas related to translational research through the use of one or more of the CTSI-designated core facilities at any of the partner universities. This is a competitive opportunity for a \$5,000 award in the form of an expense account for use of core facility services. Funding is to be used only for services provided by the core facilities. Indiana CTSI-designated core facilities are listed on the CTSI HUB. (https://www.indianactsi.org/servicecores)

Applications to this program are limited to \$5,000 and are of one (1) year duration.

START

Adult Gastrointestinal and Liver Diseases Research Pilot Grant - 2016.11

LETTER OF INTENT (LOI) DEADLINE - FRIDAY, OCTOBER 21, 2016 FULL APPLICATION DEADLINE - MONDAY, NOVEMBER 7, 2016 (5:00 PM)

The Indiana Clinical and Translational Sciences Institute (CTSI), in conjunction with the Division of Gastroenterology/Hepatology in the Department of Medicine, is soliciting proposals for pilot projects from investigators to develop and promote translational and transdisciplinary collaborative research projects in adult gastrointestinal and liver diseases. The objective is to fund studies that (a) establish or strengthen already established collaborations between faculty members in the GI Division and investigators from other departments and schools at IUSM, IUPUI and Purdue University; (b) generate preliminary data for extramural funding applications investigating adult GI and liver disorders.

The areas of interest include (a) acute and chronic liver diseases; (b) GI and hepatobiliary malignancy; (c) inflammatory bowel disease; (d) GI motility disorders; (e) chronic abdominal pain; and (f) chronic functional bowel disorders. The proposal should demonstrate tangible evidence that the collaboration will lead to a multiyear federal grant application.

Applications to this program are limited to \$35,000 and are of one (1) year duration. Up to two grants will be awarded per grant cycle.

Indiana Spinal Cord & Traumatic Brain Injury Research Fund - 2016.12

FULL APPLICATION DEADLINE - FRIDAY, DECEMBER 9, 2016 (5:00 PM)

The overall objective of the Indiana Spinal Cord & Traumatic Brain Injury Research Fund program is to foster and encourage research for the prevention, treatment and cure of spinal cord and traumatic brain injuries, including acute management, medical complications, rehabilitative techniques, and neuronal recovery. Collaborations are encouraged between Indiana-based researchers as well as with researchers located outside the state of Indiana, including researchers in other countries. Even though the Indiana statute encourages collaborations with

researchers outside of Indiana, the primary research should be Indiana-based. Collaborations can be between Principal Investigators (PIs) at the same institution, different institutions, or a PI and a company. Salary support for collaborators outside of Indiana will be limited.

Applications to this program are limited to \$160,000 and are of a two (2) year duration, with a \$80,000 per year maximum.

Pilot Funding For Research Use of Core Facilities - 2016.10

FULL APPLICATION DEADLINE - FRIDAY, OCTOBER 7, 2016 (5:00 PM)

The Indiana CTSI Pilot Funding program is intended to promote the use of technologies and expertise afforded by the Indiana CTSI Core Facilities available at all partner institutions. Successful proposals will demonstrate outstanding scientific merit that can be linked to generating extramural funding or novel intellectual property (IP). Success of the program will be viewed, in part, by the fostering of new funded grants or providing significant contributions to grant renewals. Therefore, proposals will be judged with equal measure on scientific merit and the likelihood of generating new IP or extramural grant support.

Indiana University Health Values Fund: Pilot and Feasibility Education Program - 2016.11

FULL APPLICATION DEADLINE - NOVEMBER 4, 2016 (5:00 PM)

Indiana University Health's strength in providing excellent patient care is partially based on involvement in the continuous development of new, pre-eminent health care professionals throughout the entire workforce and innovative care delivery models. The Indiana University Health is seeking applicants for the IUH Pilot and Feasibility Education Program. The specific areas of opportunity of the program include the following: 1) Educational efforts in the field of ethics involving students, residents, or staffs; 2) Support for translation or dispersal of knowledge (e.g. library); 3) Education in Health Evaluation and Services, including outcomes evaluation and procedures; 4) Educational efforts especially with residents and staff which address ethical, socioeconomic, medical, legal and cost containment, or other issues affecting medical practice, quality of life, and access to health care; 5) Educational efforts in an ambulatory setting and/or promotion of continuity of care across care settings; 6) Education involving alternate approaches to health care including spirituality, end of life care, etc., or educational efforts which attempt to integrate complementary and traditional medicine in support of providing holistic care; 7) Educational efforts involving delivery of chronic care; 8) Primary care education devoted to holistic care; 9) Education in research principles; 10) Education in the development of and delivery of health promotion projects; 11) Educational efforts in faculty, resisdent, professional and/or staff development as related to teacher/learner issues; and 12) Education in quality improvement.

Applications to this program are limited to \$100,000 and are of a two (2) year duration, with a \$50,000 per year maximum.

Indiana University Health Values Fund: Pilot and Feasibility Research Program - 2016.11

LETTER OF INTENT (LOI) DEADLINE - OCTOBER 21, 2016 FULL APPLICATION DEADLINE - NOVEMBER 4, 2016 (5:00 PM)

Indiana University Health is seeking applicants for the IUH Pilot and Feasibility Research Program. The priority areas of the program include the following areas: 1. Discovery of new knowledge and the development of new diagnostic treatment and prevention modalities to improve patient care outcomes; 2. Promotion of health in the population and the provision of health care of the highest quality to its patients while assisting the hospital to become more efficient; 3. Projects that demonstrates collaboration between the Indiana University Health hospital campuses.

Applications to this program are limited to \$100,000 and are of a two (2) year duration, with a \$50,000 per year maximum.

Indiana University Health Values Fund: Grand Challenge Grant - 2016.11

LETTER OF INTENT (LOI) DEADLINE - OCTOBER 21, 2016 FULL APPLICATION DEADLINE - NOVEMBER 4, 2016 (5:00 PM)

This is a relatively new component of the IU Health Values Fund Grant Program. Values Fund expenditures represent an expression of Indiana University Health's seven Core Values. The Grand Challenge is funded in support of the Indiana University Health values. The proposed "Grand Challenge" Values grants will compliment Indiana University Health's strength in providing excellent patient care and health education by adding a new dimension this award round by addressing 'smoking cessation studies as well as projects focusing on behavioral health'. This new focus further aligns IU Health with the State of Indiana's strategies to combat smoking and behavioral health. Thus, the IU Health Grand Challenge (IUH GC) applications are expected to make a significant impact on key communities served by IU Health and demonstrate how the awards will improve the health outcomes of targeted communities in Indiana and beyond. Grand Challenge proposals will be accepted that focus specifically on population health research on any of the following two topics: 1) Reduce tobacco use and/or exposure to secondhand smoke that scales across the health system, strengthens community partnerships, and advances public health impact of IUH/IUSM; 2) Develop a model of care and necessary workforce to address serious behavioral health problems that can be deployed across the health system and advances IUH/IUSM's public health impact and community partnerships.

Applications to this program are limited to \$500,000 and are of two (2) year duration, with a \$250,000 per year maximum.

Indiana University Health Values Fund: Integration of Spiritual and Religious Dimensions in Health Care - 2016.11

LETTER OF INTENT (LOI) DEADLINE - OCTOBER 14, 2016 (5:00 PM) FULL APPLICATION DEADLINE - NOVEMBER 4, 2016 (5:00 PM)

IU Health's strength in providing excellent patient care is rooted in the religious and spiritual heritage of its institutions. The spiritual calling to heal the sick brings vitality and meaning to patient care within the IU Health community. The Joint Commission on Accreditation has emphasized spiritual care as a vital part of the mission of health care institutions. IU Health will succeed in meeting its mission to provide holistic care to our patients with new programs to integrate spiritual care into patients' treatment plans and to develop methods and find solutions to address all the needs of those we serve. The Values Fund offers a unique resource that will allow us fulfill our mission and uphold our values.

Indiana University Health is seeking applicants for the Indiana University Health Values Fund for the Integration of Spiritual and Religious

Dimensions in Health Care. The specific areas of opportunity of the program include the following: 1) Projects that seek to foster a "whole person perspective" in health care; 2) Projects that foster policies and procedures that enhance respect for patient rights and responsibilities; 3) Projects that coordinate and provide a forum and consultation in the area of religious and moral meaning in bioethics; 4) Projects that research the role of religion, spirituality, and/or ethics in health and healing; 5) Projects that provide a service as a religious and ethical values resource center within the IU Health network and the broader community; 6) Projects that support innovation in spiritually integrated counseling, particularly for low income persons and families; and 7) Projects that provide a linkage with, and liaison between, the religious community and IU Health, addressing the continuum of care and wellness issues in our society.

Applications to this program are limited to \$100,000 and are of a two (2) year duration, with a \$50,000 per year maximum.

IU School of Medicine/Purdue University - Devices Advancing Surgical Care - 2016.10

SUBMISSION DEADLINE - OCTOBER 31, 2016 (5:00 PM).

The Indiana Clinical and Translational Sciences Institute (CTSI) is please to request applications for funding to develop potential devices in the broad area of surgery. The successful application will involve investigators from the Department of Surgery at Indiana University School of Medicine and faculty from Purdue University. Awards will be competitive and may not exceed \$100,000 for up to two (2) period. Investigators from both institutions are encouraged to come up with innovative ideas that can result in a device that improves human health. For questions regarding scope, review of the proposal, or financial issues related to budgeting and grant submission contact Lane Coffee at rlcoffee@iu.edu or via phone at 317-278-2150.

Dr. Charles Fisch Cardiovascular Research Award

PROPOSAL SUBMISSION DEADLINE - 1) FIRST REGULAR BUSINESS DAY IN APRIL and 2) FIRST REGULAR BUSINESS DAY IN SEPTEMBER (5:00 PM).

Indiana University School of Medicine announces the availability of Dr. Charles Fisch Cardiovascular Research Award to support cardiovascular research for young investigators or more senior investigators, embarking on a new research direction.

Applicants may request up to \$60,000 total, although particularly meritorious proposals that have well-justified budget needs as high as \$100,000 may be considered. Successful proposals will demonstrate scientific merit and a potential for generating extramural funding. In addition, prioritization will be given to those projects that utilize more than one IU Health hospital or facility for leveraging existing patient popluations or clinical programs and/or projects that will potentially lead to improvements in the quality of care for IU Health patients. Applicants must have an Indiana University faculty appointment in the Department of Cardiology, Department of Medicine to apply for research program support. Clinical fellows and postdoctoral researchers in the Division of Cardiology may apply for research fellowship support under a faculty member in the Division of Cardiology.

START

Eli Lilly-Stark Neurosciences Pre-Doctoral Research Fellowship in Neurodegeneration - 2016.08

LETTER OF INTENT (LOI) DEADLINE - AUGUST 5, 2016 FULL APPLICATION DEADLINE - AUGUST 26, 2016 (5:00 PM)

The Stark Neurosciences Research Institute and the Indiana Clinical and Translational Sciences Institute (CTSI) are seeking applicants for special pre-doctoral training fellowships in translational neurodegenerative disease research. We seek applicants whose research is focused on age-related neurodegeneration, including Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, chronic traumatic encephalopathy, among others. Translational research refers to what is popularly termed as "bench to bedside"; the process by which research in the lab translates into patient treatment. Translational research fosters the multidirectional integration of basic research, patient-oriented research, and population-based research, with the long-term aim of improving the health of the public. Translation can involve everything from basic science discoveries in the lab that directly focus on human disease states, through animal studies and drug development to the development of clinical trials and studies in humans.

Annual stipend (plus applicable health insurance) is aligned with current NIH recommendations. Annual supplement of \$7,500 to be used for travel, computers, and general supplies. Initial funding duration is for one (1) year, and is renewable for one (1) additional year pending review and demonstration of satisfactory progress.

Eli Lilly-Stark Neurosciences Post-Doctoral Research Fellowship in Neurodegeneration - 2016.08

LETTER OF INTENT (LOI) DEADLINE - AUGUST 5, 2016 FULL APPLICATION DEADLINE - AUGUST 26, 2016 (5:00 PM)

The Stark Neurosciences Research Institute and the Indiana Clinical and Translational Sciences Institute (CTSI) are seeking applicants for special post-doctoral training fellowships in translational neurodegenerative disease research. We seek applicants whose research is focused on age-related neurodegeneration, including Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, chronic traumatic encephalopathy, among others. Translational research refers to what is popularly termed as "bench to bedside"; the process by which research in the lab translates into patient treatment. Translational research fosters the multidirectional integration of basic research, patient-oriented research, and population-based research, with the long-term aim of improving the health of the public. Translation can involve everything from basic science discoveries in the lab that directly focus on human disease states, through animal studies and drug development to the development of clinical trials and studies in humans.

Annual stipend (plus applicable health insurance) is aligned with current NIH recommendations. Annual supplement of \$7,500 to be used for travel, computers, and general supplies. Initial funding duration is for one (1) year, and is renewable for one (1) additional year pending review and demonstration of satisfactory progress.

Activity-Based Therapy Grant Program - Indiana Spinal Cord & Traumatic Brain Injury Research Fund - 2016.09

LETTER OF INTENT (LOI) DEADLINE - AUGUST 12, 2016

FULL APPLICATION DEADLINE - SEPTEMBER 9, 2016 (5:00 PM)

The State of Indiana established the research fund known as the Indiana Spinal Cord and Traumatic Brain Injury Research Fund (ISCBIRF) effective July 1, 2007. This fund, established under Indiana Code (IC) 16-41-42-4, will consist of appropriations, gifts and bequests, fees deposited in the fund under IC 9-29-5-2, and grants received from the federal government and private sources.

Effective July 1, 2015 this fund was supplemented and additionally authorized by legislation to provide prescribed, defined, and limited support to non-profit organizations corresponding to 501(c) 3 Federal tax status engaged in rehabilitative clinical care employing "activity based" approaches.

The overall objective of this program is to foster and encourage activity-based therapy programs for the prevention, treatment, and cure of spinal cord and traumatic brain injuries, including acute management, medical complications, rehabilitative techniques, and neuronal recovery.

Applications to this program are limited to \$1,000,000 (maximum of \$600,000 during the first year; \$400,000 during the second year) for up to two (2) years in duration based on appropriate achievement of milestones and progress reports.

IU Grant Linking University-wide Expertise (GLUE) Awards - 2016.09

LETTER OF INTENT (LOI) DEADLINE - AUGUST 5, 2016 FULL SUBMISSION DEADLINE - SEPTEMBER 2, 2016 (5:00 PM)

Indiana University, Bloomington, Provost's Office and the Indiana Clinical and Translational Sciences Institute (CTSI) are seeking applicants for the IU Grant Linking University-wide Expertise (GLUE) Award. The objective of the GLUE award is to support "planning and team building across campuses to develop large multi-investigator and/or multi-project, milestone-driven, translational research teams who are planning to submit multi-year, extramural grant applications with annual budgets of \$500K or more in direct costs." It is expected that these planning/seed grants will increase multidisciplinary collaborations, institutional competitiveness, opportunities for extramurally funded training grants and overall institutional funding. The GLUE funding is available to collaborative teams in which the lead PI of the research team is from IUB, and the other members of the team are typically from IU campuses such as IUPUI and IUSM (or in deserving cases, any other CTSI university partner campus).

Applications to this program are limited to \$100,000 per year for up to two (2) years in duration based on appropriate achievement of milestones and eventual submission of an extramural grant application.

Technology Enhancement Awards - 2016.07

SUBMISSION DEADLINE - FRIDAY, JULY 08, 2016 (5:00 PM).

A common critical gap in commercialization of technologies originating from the academic labs is the funding necessary to develop a robust commercialization relevant data package to reduce the risk of investment in early stage technologies. The Indiana CTSI and Indiana University School of Medicine through the office of the Associate Dean for Entrepreneurship and its Industry Collaboration Portal (ICP), are partnering with the newly created Indiana Center for Biomedical Innovation (ICBI) at IU Health to help fill this critical gap through a new support program, Technology Enhancement Awards (TEA), for early stage technologies. The technology may already reside in a start-up company or a clear plan exists to place it into a start-up. The New Program will partner with the highly successful SPARK program at Stanford University.

Indiana Drug Discovery Alliance - 2016.07

SUBMISSION DEADLINE - FRIDAY, JULY 01, 2016 (5:00 PM).

The Molecular Therapeutics Program, a part of the Indiana Clinical and Translational Sciences Institute, seeks applications for a competitive program that will provide funds and essential consultation to support the early stage development of therapeutics. This opportunity is provided in concert with the Indiana Drug Discovery Alliance (IDDA), an advisory panel and clearinghouse for drug discovery and development resources at the Indiana-CTSI member institutions of Indiana University, Purdue University and the University of Notre Dame.

Call for Proposals: The Molecular Therapeutics Program will support the new collaborations and/or the use of core facilities that enable the translation of fundamental research related to drug discovery. Critical project feedback will be provided from a team of experienced industry and academic experts on the group's internal advisory committee, as well as through ad-hoc, project-specific pharmaceutical expert reviewers.

A detailed budget is not required at this time. Support projects will develop a budget of up to \$15,000 in consultation with the IDDA.

Strategic Pharma-Academic Research Consortium Awards Program - 2016.05

LETTER OF INTENT SUBMISSION DEADLINE - FRIDAY, MARCH 18, 2016 FULL PROPOSAL SUBMISSION DEADLINE - FRIDAY, JUNE 17, 2016

The Midwest Strategic Pharma-Academic Research Consortium (SPARC) has been established by the Indiana Clinical and Translational Sciences Institute. The members of the consortium consist of both academic and pharmaceutical companies. The inaugural CTSA members and pharmaceutical Companies are: Indiana University, Ohio State University, Northwestern University, Washington University in St. Louis, The University of Chicago, Eli Lilly and Co. and Takeda Pharmaceuticals Inc. SPARC is seeking applicants for the Midwest Strategic Pharma-Academic Research Consortium Awards Program. The consortium expects to support projects related to human autoimmune disease with the following criteria: (1) research is in the non-competitive space of mutual interest that address scientific and technological research challenges confronting the pharmaceutical industry; (2) project is to be executed with the network of Academic Members; (3) study is designed to further the understanding of disease biology, potentially leading to the identification of novel therapeutic targets; (4) to promote an improved definition of autoimmune disease according to molecular taxonomy rather than as clinical syndromes; and/or (5) to improve the prediction of response to therapy and the early detection of response / non-response in autoimmune diseases where this is not apparent at a clinical level. Successful proposals will demonstrate the following: A) Have at least **two (2)** Project Specific Personnel from different Academic Member institutions for which such institutions agree to contribute the requisite cost share funding for the research proposal. B) Address the non-competitive space of mutual interest to the Members and scientific and technological research challenges confronting translational research. C) Include the Research Plan and related budget for the study proposal. Applications to this program are limited to \$400,000 and are 24 months (2 years) in duration.

CHEP Community Based Research Awards - 2016.06

SUBMISSION DEADLINE - JUNE 1, 2016. (5:00 PM). The Indiana CTSI CHEP is soliciting proposals from applicants developing or currently involved in collaborative, community-based research projects. Namely, this RFA will fund pilot projects generated from community-university partnerships. The pilot project can serve a variety of purposes such as program evaluation, feasibility or preliminary data for extramural grant submissions, etc. Potential applicants are encouraged to identify, or further develop, collaborative relationships to be strengthened through this grant opportunity.

Adult Gastrointestinal and Liver Diseases Research Pilot Grant Program 2016.05

LETTER OF INTENT (LOI) DEADLINE - APRIL 15, 2016. FULL SUBMISSION DEADLINE - MAY 2, 2016 (5:00 PM)

The Indiana Clinical and Translational Sciences Institute (CTSI) in conjunction with the Division of Gastroenterology/Hepatology in the Department of Medicine is soliciting proposals for pilot projects from investigators to develop and promote translational and transdisciplinary collaborative research projects in adult gastrointestinal and liver diseases. The objective is to fund studies that (a) establish or strengthen already established collaborations between faculty members in the GI Division and investigators from other departments and schools at IUSM, IUPUI and Purdue University; (b) generate preliminary data for extramural funding applications investigating adult GI and liver disorders.

The areas of interest include (a) acute and chronic liver diseases; (b) GI and hepatobiliary malignancy; (c) inflammatory bowel disease; (d) GI motility disorders; (e) chronic abdominal pain; and (f) chronic functional bowel disorders. The proposal should demonstrate tangible evidence that the collaboration will lead to a multiyear federal grant application.

Applications to this program are limited to \$35,000 and are of one (1) year duration. Up to two grants will be awarded per grant cycle.

Pilot Funding For Research Use of Core Facilities - 2016.05

SUBMISSION DEADLINE - MAY 16, 2016. The Indiana CTSI Pilot Funding program is intended to promote the use of technologies and expertise afforded by the Indiana CTSI Core Facilities available at all partner institutions. Successful proposals will demonstrate outstanding scientific merit that can be linked to generating extramural funding or novel intellectual property (IP). Success of the program will be viewed, in part, by the fostering of new funded grants or providing significant contributions to grant renewals. Therefore, proposals will be judged with equal measure on scientific merit and the likelihood of generating new IP or extramural grant support.

Indiana CTSI/IUSM Core Equipment Funding - 2016.03

SUBMISSION DEADLINE EXTENDED - Original Date MARCH 25 has been extended to APRIL 22, 2016 (5:00 PM). The Indiana CTSI is seeking proposals from CTSI-Designated, IUSM-based Cores requesting support for the purchase of equipment that will enhance the research environment and contribute to the research mission of the School and the CTSI. Up to \$100,000 will be available through this solicitation. Proposals requesting \$5,000-\$100,000 will be accepted. Requests for equipment costing more than \$100,000 will be entertained if matching funds to cover the balance are identified.

Collaboration in Translational Research Pilot Grant Program - 2016.03

SUBMISSION DEADLINE - MARCH 4, 2016 (5:00 PM). The Indiana Clinical and Translational Science Institute (CTSI) is seeking applicants for the Collaboration in Translational Research (CTR) Pilot Grant Program. The objective of the Indiana CTSI CTR pilot grant program is to foster and encourage collaboration across the Indiana CTSI partner institutions (IU, Purdue, and Notre Dame) and to initiate or continue translational research projects that have very strong and immediate potential to develop into larger, externally funded research programs, or generate novel intellectual property (IP). Proposed projects should have participation by two (or more) principal investigators representing at least two of the sponsoring affiliates for this program. Sponsoring affiliates include: Indiana University School of Medicine (IUSM), IUPUI (non-IUSM), Indiana University-Bloomington, Purdue University-West Lafayette, and University of Notre Dame.

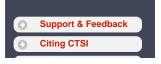
CTSI Postdoctoral Training Awards in Translational Research - 2016.02

SUBMISSION DEADLINE - FEBRUARY 1, 2016 (5:00 PM). The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for special postdoctoral training awards in translational research. In biomedical terminology, translational research refers to what is popularly termed as "bench to bedside"; the process by which research in the lab translates into patient treatment. Translation may involve applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans, or carrying out research aimed at enhancing the adoption of best practices, or both. To be eligible, candidates must have received a PhD or equivalent degree from an accredited domestic or foreign institution. Please refer to the competition guidelines for full eligibility criteria.

CTSI Postdoc Challenge: Grand Funding to use CTSI-Designated Core Facilities - 2016.02

SUBMISSION DEADLINE - FEBRUARY 29, 2016 (5:00 PM). The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for special postdoctoral training awards in translational research. In biomedical terminology, translational research refers to what is popularly termed as "bench to bedside"; the process by which research in the lab translates into patient treatment. Translation involve applying discoveries made during research (in the lab, through animal studies, etc.) to the development of clinical trials and studies in humans, or carrying out research aimed at enhancing the adoption of best practices.

CTSI-Designated Core Facilities are cores that undergo a yearly accreditation process through the Indiana CTSI for all partner institutions. The Postdoc Challenge offers postdoctoral research associates at Indiana University, Purdue University, and the University of Notre Dame valuable proposal writing and reviewing experience in areas related to translational research through the use of one or more of the CTSI-Designated Core Facilities at these universities. This is a competitive opportunity for two 1-year awards of \$5000 each per institution in the form of an expense account for use of core facility services. Funding is to be used only for services provided by the core facilities. Indiana CTSI-Designated Core Facilities are listed on the HUB (https://www.indianactsi.org/servicecores). If you are interested in participating, you must discuss your proposal with your advisor prior to beginning the application process to ensure your participation will be approved.

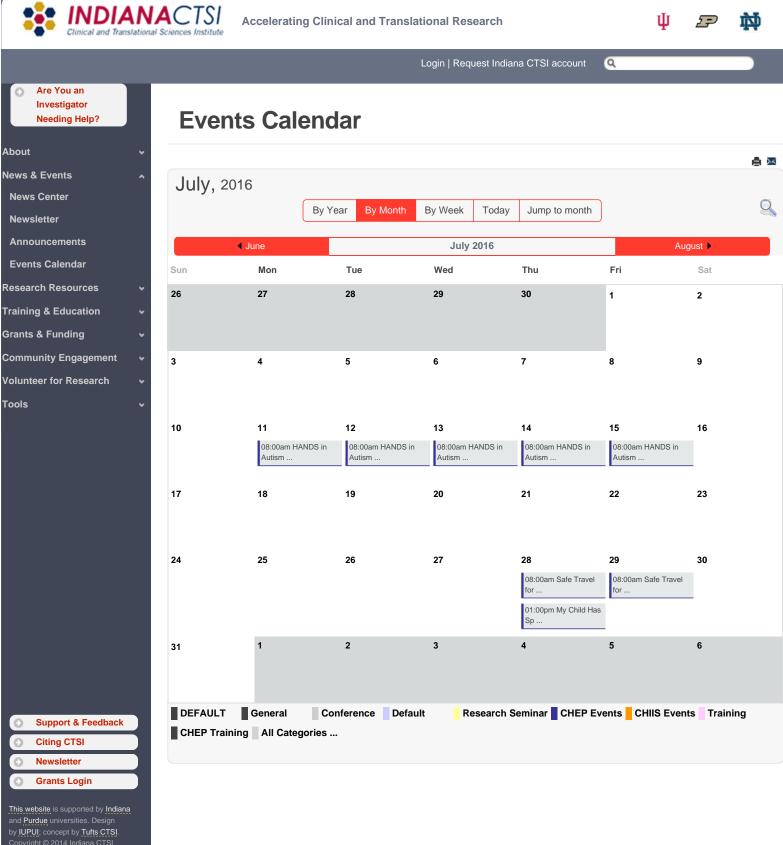




Symposium, Workshop, and Conference Funding Program RFA

SUBMISSION DEADLINE - OPEN. The Indiana CTSI symposium, conference and workshop funding program is intended to facilitate sharing of ideas and findings in face-to-face discussion environments. The proposed symposium should include a translational research focus. The Indiana CTSI symposium program is specifically established to support presentation of new information to researchers in the Indiana CTSI that will establish research connections and lead to new research communication forums and ongoing collaborations. The application should describe how the proposed symposium will meet these goals.

START



info@indianactsi.org