



From the Director:

As we begin to embark in the year 2017, I am pleased to announce several exciting news related to PI4D that will get us off to a great start of the year. The first piece of news is that Dr. Tommy Sors has joined me as the new Assistant Director of PI4D. Many of you know Tommy for his various contributions to the Bindley Bioscience Center and Discovery Park or for being the “go-to” person for anything related to the Indiana CTSI and I’m glad to have him on board the leadership of PI4D (he will continue to retain his CTSI responsibilities). Tommy will be key in helping me assemble teams of PI4D investigators and help them translate their research using the resources available through his extensive network.

After hosting Ambassador Bonnie Jenkins this past December, I was compelled by her message of generating excitement around the Global Health Security Agenda (GHSA), an initiative that was signed into federal policy through an Executive Order signed by Barak Obama in November, 2016. The GHSA is a consortium of more than 50 countries, international organizations, and non-governmental stakeholders that aim to help build countries’ capacity to detect, respond and contain infectious disease threats and elevate global health security as a national and global priority. PI4D is a perfect platform to generate awareness and excitement for these types of initiatives and we will do our part by organizing events that engage our broader community to help spread the word beyond the reaches of our institute.

No doubt, this year will bring its own set of challenges, like any other year. However, we are off to a great start and will continue to build on the momentum we’ve gathered already. I would be remiss if I didn’t thank you for your contributions to the institute on its inaugural year. Your hard work and dedication is what will cement PI4D’s reputation for excellence and I thank you for that. I will continue my efforts in finding every opportunity to support your success.

- Dr. Richard Kuhn
Director, PI4D

PS - Check out our new logo! We will also provide it on the website for downloading. In the meantime, feel free to request it if you need it for a poster etc.

Special Topics in Immunology and Infectious Disease Seminar Series

Dr. Chang Kim (Immunology Leader of PI4D) has launched the Special Topics in Immunology and Infectious Disease - PI4D Research in Progress Seminar Series (scheduled for Fridays at 12:30 PM, in Drug Discovery's first floor conference room). We have an exciting list of topics to discuss this year and the roster of speakers is superb. You are strongly encouraged to participate in this valuable opportunity and join us for these exciting talks.

Jan 20th: Professor Richard Kuhn, Maturation of dengue virus and its potential role in disease

Jan 27th: Professor Zhao-qing Luo, Making home in a hostile environment: strategies by a bacterial pathogen

Feb 3rd: Professor Robert Geahlen, SYK and the regulation of ribonucleoprotein complexes



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News Flash

Purdue researchers uncover new Zika structure

<http://on.jconline.com/2ic3FLq>

INDIANA CTSI POSTDOC CHALLENGE

\$5,000.00 for postdoctoral researchers



PURDUE POSTDOCS:

The Postdoc Challenge offers postdoctoral researchers valuable *proposal writing and reviewing* experience in areas related to translational research through the use of one or more CTSI-Designated Core Facilities.

Information at www.indianactsi.org/all-open-rfps

Application deadline Tuesday, February 28, 2017

Informational Workshops:

Thursday, November 3, 2016

3:00-4:00pm

Purdue University

BCHM 101

*“Effective Grant Writing
Techniques”*

Thursday, January 12, 2017

3:00-4:00pm

Purdue University

BCHM 101

*“Translational Science Proposals and
Core Facility Grants”*

Contact Wendy Field at wfield@purdue.edu for more information



INDIANA CTSI
Clinical and Translational Sciences Institute



PURDUE
UNIVERSITY

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SCHOOL OF MEDICINE
INDIANA UNIVERSITY



2016-17 Indiana CTSI Postdoc Challenge: Grant funding to use CTSI-Designated Core Facilities

Background:

The Indiana Clinical and Translational Sciences Institute (Indiana CTSI) is a statewide collaboration between Indiana University, Indiana University School of Medicine, IUPUI, Purdue University, and the University of Notre Dame as well as public and private partnerships which facilitate the translation of scientific discoveries in the lab into clinical trials and new patient treatments in Indiana and beyond. In biomedical terminology, translational research refers to what is popularly termed "bench to bedside", the process by which research in the lab "translates" into human patient treatment. Translation involves applying research discoveries (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 Indiana CTSI which allows them to participate in pilot funding opportunities administered through the Indiana CTSI for all partner institutions. The Postdoc Challenge aims to introduce the postdoctoral research community to the grant-writing process and the experience of reviewing submitted proposals.

Description:

The Postdoc Challenge offers postdoctoral research associates 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 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 (www.indianactsi.org/servicecores) and have the CTSI logo (✳). *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.*

Postdoctoral research associates from Indiana University, Indiana University School of Medicine, IUPUI, Purdue University, and/or the University of Notre Dame are encouraged to submit applications that clearly articulate their translational strategy (ie: from lab bench to bed side) and how this strategy can be advanced through the use of technologies offered by a core facility. Applicants must make contact with and request a Letter of Support from the Core Facility Manager(s) to confirm that the proposed project can be accomplished in their core facility. Awardees will be expected to develop and manage a project budget that aligns with the translational strategy. A six-month and a final progress report will be required over the 1-year project period.

Review Process:

Applications will be reviewed and ranked by a group comprised of selected faculty and members of the postdoctoral community. The final selection and funding recommendations will be made by the Indiana CTSI Executive Committee.

Application:

Postdoctoral research associates from Indiana University, Indiana University School of Medicine, IUPUI, Purdue University's West Lafayette campus, and the University of Notre Dame are eligible to apply. A link to the application can be found at www.indianactsi.org/all-open-rfps. **Applications are due by Tuesday, February 28, 2017 at 5:00pm EDT.** Awardees will be announced in April, 2017. A letter of support from the applicant's advisor is necessary for participation in this challenge. Questions can be directed to Wendy Field at wfield@purdue.edu. *Please, only one proposal per applicant.*

Dr. Jung Hyun Park Purdue Visit

Dr Jung Hyun Park from NIH will visit Purdue and present at PI4D's CPB seminar series. Dr. Park is a Senior Investigator and Chief in the cytokine biology section with the National Cancer Institute. Faculty and grad students are welcome to attend Dr. Park's seminar.

When: March 30, 2017

Time: 3:30 PM

Location: VPTH 126

Title: "Innate T cell Development by Cytokine Receptor Signaling"

CASIS and NCATS Announce International Space Station Funding Opportunity Focused on Human Physiology Research

Part of a new four-year, \$12 million partnership to fund research onboard the International Space Station U.S. National Laboratory. To view the funding opportunity, learn how to submit your proposal, and get the latest information on this initiative, please visit: www.casistissuechip.blogspot.com



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Funding Opportunities

Opportunity	Award Amount	Deadline
<u>HHS-CDC Creation of a Healthcare-Associated Infectious Disease Modeling Network to Improve Prevention Research and Healthcare Delivery</u>	650,000	January 31, 2017

<u>NIH Notice of Intent to Publish a FOA for Zika Virus (ZIKV) Complications (R21)</u>	<i>Varies</i>	<i>February 2017</i>
<u>HHS-AHRQ Large Research Projects for Combating Antibiotic-Resistant Bacteria (CARB) (R01)</u> <u>http://grants.nih.gov/grants/guide/pa-files/PA-16-423.html</u>	<i>Varies</i>	<i>February 5, 2017</i>
<u>NIH Addressing Health Disparities in NIDDK Diseases (R01)</u>	<i>Varies</i>	<i>February 5, 2017</i>
<u>NIH-NCI Small Grants Program for Cancer Research (NCI Omnibus R03)</u>	<i>Varies</i>	<i>February 28, 2017</i>
<u>NIH Partnerships for Development of Vaccines to Prevent Mycobacterium tuberculosis Infection and/or Tuberculosis Disease (R01)</u>	<i>Up to 500,000</i>	<i>March 2, 2017</i>
<u>NIH Systems Biology: The Next Generation for Infectious Diseases (U19)</u>	<i>Varies</i>	<i>March 15, 2017</i>
<u>NIH Global Infectious Disease Research Training Program (D43)</u>	<i>230,000</i>	<i>July 27, 2017</i>
<u>NIH Notice of Intent to Publish Funding Opportunity Announcements to Promote Implementation Science (R01) and Dissemination and Implementation Studies (R18)</u>	<i>Varies</i>	<i>Calendar Year</i>

****Newly added**

Send us your images and news stories! Images and stories can be deposited [here](#), or email us at pi4d@purdue.edu



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