



From the Director:

As we round out 2016, I wanted to thank you all for participating in our inaugural year on PI4D. We are working to map out the future direction of the Institute now that we are up and running. To that end, a few tidbits of what is coming down the road:

- We are excited to announce that Ms. Melanie Lindsay is going to be joining the Institute as our Research Administrative Coordinator. We are excited to welcome her on board!
- The renovations for the Hall for Discovery Learning will begin next semester. The 3rd and 4th floor are being renovated for PI4D and the Purdue Institute for Integrative Neuroscience. The renovations are expected to be complete in August of 2018.
- PI4D held its first Director's Internal Advisory Board meeting where we heard advice from board members that are poised to help us shape the future of PI4D.
- As a reminder, any member interested in a multi-PI federal grant or foundation grant seeking assistance with expert collaborators or for assembling a large proposal should contact PI4D for advice and/or assistance.
- The CTSI retreat will be held on December 13th in the Hall for Discovery Learning - I will be co-hosting a breakout session with Dr. Chandy John from IU School of Medicine. Full details can be [found here](#). Note: the last day to register is December 2nd.
- Ambassador Bonnie Jenkins will be visiting on December 15th to discuss the Role of Universities in the Global Health Security Agenda - look for the official announcement soon.

Lastly, we are excited to be hosting **Dr. Ted Pierson, Chief of the Viral Pathogenesis Section, Laboratory of Viral Diseases, NIAID/NIH, on Monday, December 12th**. The title of his talk is "Zika vaccine development and immunology"; additional details will be forthcoming.

- Dr. Richard Kuhn
Director, PI4D

**Indiana Clinical and Translational Sciences Institute
Purdue Retreat
Tuesday, December 13, 2016**

*Hall for Discovery Learning Research (DLR)
207 S Martin Jischke Drive
West Lafayette, IN 47907*

8:30-9:00am	Registration and Continental Breakfast	DLR atrium
9:00-9:30am	Welcome and update of CTSI opportunities <i>Connie Weaver, Deputy Director, Indiana Clinical and Translational Sciences Institute; Distinguished Professor and Department Head, Department of Nutrition Science, Purdue University</i> Preparing for the next 5 years of CTSI <i>Anantha Shekhar, Director, Indiana Clinical and Translational Sciences Institute; Executive Associate Dean for Research Affairs; August M. Watanabe Professor of Medical Research, Indiana University School of Medicine</i>	DLR 131
9:30-10:30am	New investments in the life sciences at Purdue and Notre Dame <i>Donna Fekete, John & Donna Krenicki Directorship in Integrative Neuroscience, Purdue Institute for Integrative Neuroscience; Professor, Department of Biological Sciences, Purdue University</i> Richard Kuhn, Director, Purdue Institute of Inflammation, Immunology and Infectious Disease (PI4D); Professor of Biological Sciences, Purdue University <i>Paul Bohm, Director, Advanced Diagnostics and Therapeutics; Arthur J. Schmitt Professor, Department of Chemical and Biomolecular Engineering; Professor, Department of Chemistry and Biochemistry, University of Notre Dame</i>	DLR 131
10:30-11:00am	Break	
11:00am-12:00pm	Nutrition in Cancer Prevention and Treatment <i>The challenge of defining cancer prevention mechanisms underlying associations identified from epidemiological research</i> <i>Jim Fleet, Distinguished Professor of Nutrition Science; Director of the Interdepartmental Graduate Program in Nutrition, Purdue University</i> Oxidative stress, carcinogenesis, and chemoprevention <i>James Klannig, Professor, Environmental Health, Indiana University</i> Influence of dietary protein restriction on cancer growth <i>Roberto Pili, Robert Wallace Miller Professor of Oncology; Professor of Medicine; Professor of Urology; Adjunct Professor of Pharmacology and Toxicology, Indiana University School of Medicine</i>	DLR 131
12:00-1:00pm	Lunch ~ Purdue Innovation Ecosystem	
1:00-2:00pm	Breakout Session One <i>Cancer Collaborations ~ hosted by Connie Weaver and Cleveland Shields</i> <i>Microbiome ~ hosted by Steve Lindemann and Dave Nelson</i>	DLR 143 A/B
2:00-3:00pm	Breakout Session Two <i>Biology Big Data Science ~ hosted by Jim Fleet</i> <i>Neuroscience ~ hosted by Donna Fekete</i> <i>Translational Research Collaboratory ~ hosted by Richard Kuhn and Chandu John</i>	DLR 143 A/B
Contact Information: Tommy Sors (765-586-8975) Wendy Field (765-491-3413)		

Please register by Friday, December 2nd at <http://j.mp/2d5xGnW>

Registration Information - Special Topics in Immunology and Infectious Disease (1Cr)

Open for all students (undergraduate and graduate)

To register, your students must send emails to Barbara White (whiteb@purdue.edu) or Chang Kim (chkim@purdue.edu). Students can't register on their own through other departments.

Classroom: Purdue Institute for Drug Discovery Lobby Conference Room

Meeting time: Friday 12:30 PM, Spring 2017

Course number: CPB 68000, CRN 20206

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

INDIANA UNIVERSITY
BLOOMINGTON

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.*

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

Funding Opportunities

Opportunity	Award Amount	Deadline
<u>NIH Big Data to Knowledge (BD2K) Enhancing the Efficiency and Effectiveness of Digital Curation for Biomedical Big Data (U01)</u>	Varies	December 15, 2016
<u>NIH-NLM Information Resource Grants to Reduce Health Disparities (G08)</u>	Varies	December 16, 2016
<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>	Varies	February 2017
<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>	Varies	February 5, 2017
<u>NIH Addressing Health Disparities in NIDDK Diseases (R01)</u>	Varies	February 5, 2017
<u>NIH-NCI Small Grants Program for Cancer Research (NCI Omnibus R03)</u>	Varies	February 28, 2017
<u>NIH Partnerships for Development of Vaccines to Prevent Mycobacterium tuberculosis Infection and/or Tuberculosis Disease (R01)</u>	Up to 500,000	March 2, 2017
** <u>NIH Systems Biology: The Next Generation for Infectious Diseases (U19)</u>	Varies	March 15, 2017
** <u>NIH Global Infectious Disease Research Training Program (D43)</u>	230,000	July 27, 2017
<u>NIH Notice of Intent to Publish Funding Opportunity Announcements to Promote Implementation Science (R01) and Dissemination and Implementation Studies (R18)</u>	Varies	Calendar Year

**Newly added

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

