



Good Afternoon! Based on feedback received from faculty from many areas of the University, it has become clear that gaps may exist in the University's capabilities to support easy-to-use file storage and transfer systems for large, potentially confidential, or HIPAA-aligned research data. As the University continues to investigate cloud-based options, we welcome your input with respect to your research data storage and transfer needs.

Please take a moment to fill out [this survey](#) to contribute to our data collection process.

Finally, we have developed a site that will be updated weekly (so bookmark it now) with the [funding opportunities segmented by area](#).

## PURDUE INSTITUTE FOR DRUG DISCOVERY



The Purdue Institute for Drug Discovery would like to thank our session chairs, speakers, and everyone who participated in our Town Hall Thursday, Nov. 30th. The level of participation was excellent and we greatly appreciate your efforts to improve PIDD. In the next few days, we plan to receive written summaries from each of the session chairs and distribute these summaries to all attendees. These comments then will be used to help guide upcoming PIDD activities. If you were unable to attend or would like to send additional comments, please feel free to send your ideas to Karson Putt ([puttk@purdue.edu](mailto:puttk@purdue.edu)). Thanks again to everyone for making this such a successful event.

- [Congratulations to our Director Dr. Zhong-Yin Zhang on being elected as a fellow of the American Association for the Advancement of Science.](#)
- [Dr. Eric Nauman and colleagues are part of a team of researchers working on small vibrating sensors that can identify blood biomarkers and improve early-stage detection and treatment of numerous diseases.](#)

## PURDUE INSTITUTE OF INFLAMMATION, IMMUNOLOGY AND INFECTIOUS DISEASE

The PI4D leadership team is undergoing some changes. While we are excited to welcome our new leadership, we are also sad to be losing a member - opportunities have arisen for Dr. Chang Kim and he will be leaving the leadership team. We truly appreciate all he has done for PI4D and wish him much success in all of his future endeavors. The immunology group of PI4D will now be led by Dr. Harm HogenEsch from the Department of Comparative Pathobiology. We also welcome Dr. Qing Jiang from the Department of Nutrition Science who will help lead the prevention and intervention group. Finally, the last

new team member will be Dr. Julia Laskin, Department of Chemistry, who will be helping lead the imaging and diagnostic group. Please, take a moment to welcome each of them to their new positions within the PI4D family.

PI4D faculty members in the news:

- [Cate Hill](#) - Purdue Researchers Studying Mosquitoes Hope to Prevent Spread of Disease
- [Andy Tao](#) - Biochemistry Professor Win Purdue Commercialization Award
- [Maria Sepulveda](#) - Widespread Chemical Contaminants Stunt Growth of Amphibians

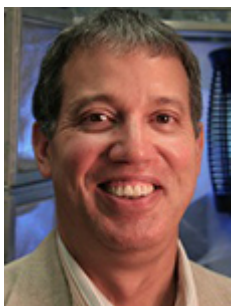
Please contact us at [PI4D@purdue.edu](mailto:PI4D@purdue.edu) with any news items, or funding awards. We want to share and promote you and your accomplishments.

### Upcoming Events:



PI4D has started a new seminar series event, The Purdue Lecture Hall Series, for local high school students to come hear current Purdue graduate students highlight their experiences and adventures in research, while also experiencing the university environment by meeting in different lecture halls throughout campus. We want to inspire the youth of today to consider life sciences as a career choice. PI4D Graduate Student Ambassador Diana Cortes-Selva kicked off this event on November 2 to a group of junior and senior high school students from McCutcheon and Jefferson High Schools, including Joe Ruhl the biology teacher from Jefferson High School that was recently

inducted into the National Teachers Hall of Fame. November 16th, Brenda Gonzalez was our speaker and discussed developing better ways of deciphering the structure of viruses. If you have a high school student at home, our next event will be Thursday, December 7th at 7:00 pm in CL50 224, this TED like talk will be by another PI4D Graduate Student Ambassador, Elizabeth Phillips. Her talk will be "Diagnosing infectious disease at the bedside"



The PI4D Distinguished Speaker for January has been set. [Dr. Anthony James](#), Donald Bren Professor Microbiology & Molecular Genetics School of Medicine; Donald Bren Professor, Molecular Biology and Biochemistry School of Biological Sciences of University of California, Irvine will be visiting campus on January 18, 2018. A seminar will be given along with faculty meetings scheduled, more information will be provided closer to the date. If you would like to meet with him, please contact us at [PI4D@purdue.edu](mailto:PI4D@purdue.edu).

## PURDUE INSTITUTE FOR INTEGRATIVE NEUROSCIENCE

Hello, PIIN community! Please find the links to the featured stories and highlights of our faculty, students, and staff below. Congratulations to Dr. Tamara Kinzer-Ursem, [who recently published a significant work](#) in the open-source journal PLoS Computational Biology and presented related work at the annual Society for Neuroscience (SfN) conference in Washington, DC. Also, congratulations to Dr. Eric Nauman and colleagues who have created [vibrating sensors that could identify blood biomarkers](#) to improve early-stage detection, treatment of numerous diseases such as traumatic brain injuries, Alzheimer's disease, and Parkinson's disease. In this week's Brain and Spinal Cord Injury Seminar Series, Dr. Dianne Little discussed "Co-Mobility of osteoarthritis and TBI." Please join us for our last installment for this semester on December 12th.

### Other News:

- [PIIN and PULSe joined forces to recruit graduate students](#)

- [Neuroscience Cell Engineering Core: Dr. Jung-II Moon will be participating in the Stem Cell COREdinates](#)

Finally, a friendly reminder if you have something exciting, please share it with us at [neuro@purdue.edu](mailto:neuro@purdue.edu).

### Announcements:

- [Cortical circuits mediating active sensation-December 8th](#)
- [Brain and Spinal Cord Injury Seminar Series-December 12th](#)
- [2017 IU/PU Joint Symposium on Spinal Cord & Brain Injury Research Symposium-December 18th](#)
- [Behavioral & Neural Systems of Learning & Memory course being offered Spring 2018](#)
- [Special Lectures in Neuroscience: Audition - from neural circuits to perception - Spring 2018](#)
- [2018 Greater Indiana SfN Annual Meeting- March 23, 2018](#)

### Quick Links:

- [2018 Indiana Traumatic Spinal Cord and Brain Injury Research Conference](#)
- [The Michael J. Fox Foundation is accepting pre-proposals for Spring 2018 Parkinson's research funding](#)
- [Indiana Traumatic Spinal Cord & Brain Injury Research Grant Program](#)

## PURDUE UNIVERSITY CENTER FOR CANCER RESEARCH

The Purdue University Center for Cancer Research (PCCCR) was established as an NCI basic science cancer center in 1978. As such, the PCCCR's mission focuses on basic discovery - discovery that is the foundation through which the PCCCR fosters innovative cancer solutions. Your membership and contributions are key to fighting the cancer problem! Please find updates below and you can always reference information on our [website](#).



### Up Next in Cancer Center Seminar Series:

Dr. Kerry Burnstein will be giving a talk titled "[Targeting Androgen Receptor Functional Dependencies in Prostate Cancer](#)" at 11:30 am, Thursday, December 7th in the Drug Discovery Conference Room.

### Recent news:

[Biochemistry professor wins Purdue commercialization award for blood test](#)

### Other Events:

[Lunch and Learn Seminar: Gene-Editing with CRISPR/Cas9](#) – Monday, December 4, 12–2 PM

### Department of Nutrition Science Faculty Candidate Research Seminars:

- [Connie Rogers](#), Ph.D., M.P.H. – Tuesday, December 5 at 11 AM STEW 310
- [Laura Bowers](#), Ph.D., RD – Thursday, December 7 at 11 AM STEW 310
- Curt Harris, MD - Chief, NCI Laboratory for Human Carcinogenesis "[A Tale of Two Evils: Aging and Cancer](#)" December 11, 11 AM – 12 PM in the DRUG Lobby Conference Room

[Link to Calendars](#) for Seminar, Internal and External Funding Opportunities and Events

## REGENSTRIEF CENTER FOR HEALTHCARE ENGINEERING

The Regenstrief Center for Healthcare Engineering welcomes you to the third installment of our newsletter format through the Life Sciences at Purdue University. We hope everyone had a very nice Thanksgiving break. One of our goals is to help you in your research by connecting you with potential collaborators and data resources. Please reach out to Paul Griffin ([paulgriffin@purdue.edu](mailto:paulgriffin@purdue.edu)) if you have an interest in further involvement with the Regenstrief Center. You can also find out more about us through our [website](#).

### Other News:

- [Krannert School of Economics, Assistant Professor Jillian Carr Explores The Effects Of Section 8 Grants In Houston as highlighted on NPR](#)
- [Lean Healthcare Transformation Initiative facilitated by Purdue Healthcare Advisors helping Winamac hospital reduce claim denials](#)
- [Regenstrief Center Associate Director Yuehwern Yih receives Gates Foundation Award](#)

Finally, the Regenstrief Center is looking to recruit a number of faculty focused on providing better health through engineering. Please be sure to familiarize yourself with this search, and help us build an even better community. Details may be found [here](#).

