

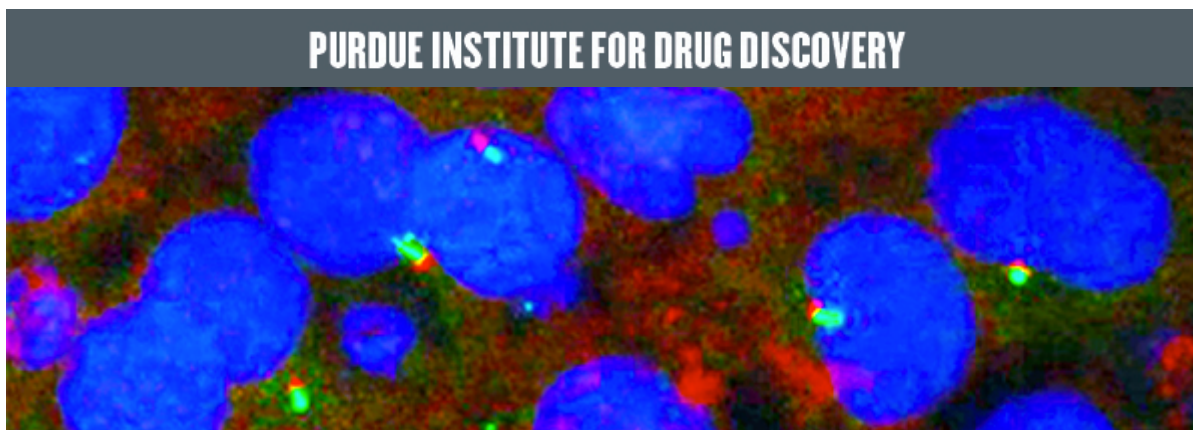


The movie "Solo" is set to be released next week, and adds to the long list of films in the Star Wars realm. These films have managed to be popular over the last 5 decades, but what else has accomplished such a feat (especially in pop culture)? Music has shifted drastically, most film chronicles fail to survive such a time period, we no longer have cassette tapes, our iphones are more powerful than the computers used on the Apollo mission, voicemail didn't exist, not to mention e-mail - how did we even survive?

To stand the test of time as this genre of film has, requires a storyteller to capture the public's imagination over and over again. This is a lesson we can all take, as we attempt to become better story tellers for our science. The staff within the Life Science Institutes will spend some time this summer, cultivating stories to tell, and we need your help to do so. It requires us to capture the imagination of a variety of people, in a way that always leave them wanting more (many of you do this with grants, publications, presentations). Tell us your stories, and share your research so we can share it with the world.

If you have a piece of news, a presentation or video you are excited about, share it with us at lifesciences@purdue.edu.

Funding Opportunities in the Life Sciences can be [found here](#).



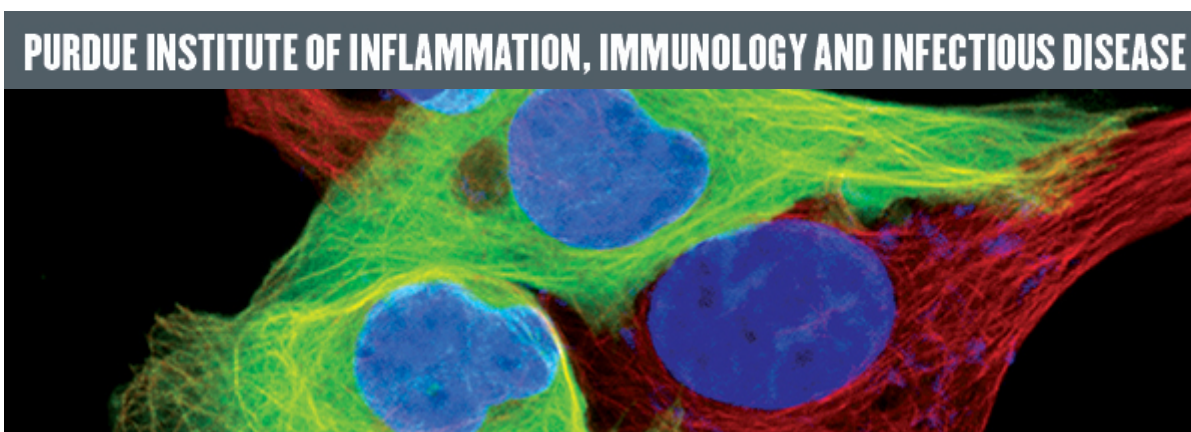
Our 5th Annual Drug Discovery Symposium will be held on Friday, September 28th in Stewart Center 218. External speakers include:

- **Philip Cole** - Professor of Medicine and Biological Chemistry and Molecular Pharmacology, Senior Investigator Division of Genetics, Brigham and Women's Hospital and Harvard Medical School
- **Shaomeng Wang**- Warner-Lambert/Parke-Davis Professor in Medicine, Professor of Medicine, Pharmacology and Medicinal Chemistry, Co-Director, Molecular Therapeutics Program Director, Cancer Drug Discovery Program at University of Michigan
- **Min Li** - Senior Vice President Global Head Neuroscience Therapeutic Unit GlaxoSmithKline

We are pleased to announce a funding opportunity for the creation of drug discovery related programmatic areas. PIDD will be supporting these program areas with up to \$200,000 (\$100,000 per year for 2 years). Please see the [Request for Applications](#) for more information. Applications are due by Friday, June 29th, 2018. Questions can be directed to Karson Putt (puttk@purdue.edu)

Recent News:

- [Jonathan Wilker](#): Oysters: One animal, two glues
- [Garth Simpson](#): Researchers create a new instrument to rapidly test whether drugs contain trace crystallinity
- [Jean Chmielewski](#): Received \$25,000 of a Phase II trask award
- [Daisuke Kihara](#): New method for interpreting cryo-EM maps makes it easier to determine protein structures



Dear colleagues, we are hard at work gearing up for the Disease Diagnostics Inventors Challenge on June 28th – 29th and have started to make the preparations to host it at the Purdue Memorial Union, West Faculty Lounge. We are excited to be able to catalyze the development of new diagnostics by incentivizing the formation of teams of clinicians, biologists, analytical chemists and engineers to invent these new technologies. The event is designed to help you identify collaborators but you can also be part of a team that is already in existence. Through the Indiana CTSI infrastructure, we can help you connect to clinicians at Indiana University School of Medicine. We are also interested in animal-based diagnostics and can help you connect with veterinary pathologist and clinicians in the College of Veterinary Medicine. Please, tell your colleagues about it and follow the link below to register as soon as possible.

Sincerely, Richard Kuhn

Recent News:

- [Mark Lipton](#): Recipient of 2018 Outstanding Undergraduate Teaching Award in Memory of Charles B. Murphy
- [Seema Mattoo](#): Received Purdue's "2018 Walk the Talk Award"
- [Tamara Kinzer-Ursem](#): Received \$29,705 of a Phase II Trask award
- [Craig Goergen](#): Purdue researchers, backed by Gates Foundation, developing device to enable pregnant women to detect serious health complications
- [Wen Jiang and Bill Watson](#): Purdue team receives NIH grant to create virtual reality training solutions for cryo-EM

Announcements:

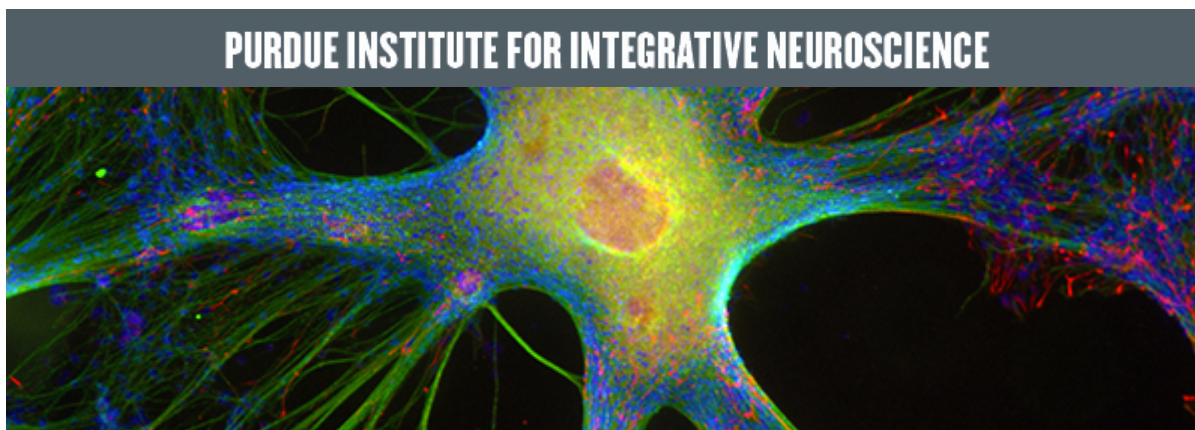
- **Overseas Visiting Doctoral Fellowship** Purdue has formed an alliance with the the Indian Science and Engineering Research Board (SERB) who has opened up opportunities for enhancing mobility of Indian research students at the PhD level.

The Overseas Visiting Doctoral Fellowship (OVDF) offers opportunities for PhD students of Indian institutions to gain exposure and training at Purdue in areas of importance to India, for period of up to 12 months during their doctoral research. For more information, go [here](#).

- **Indo-U.S. Bilateral Workshops:** [Call for Proposals Open](#) Dissemination of information and creating awareness through substantive interactions between Indian and American scientists and researchers from academia, laboratories and industry with the explicit aim to develop sustained linkages. The proposals should be designed around a theme of common interest that has a high potential for generating follow-up activities.
- **Collaborations** The Kuhn lab is currently collaborating with both Dr. Graham and Dr. Pierson of NIAID on several flavivirus projects. See [article](#) for the Prestigious Civil Servants Award that they are finalists for.
- **Disease Diagnostics INventors Challenge** We seek to catalyze the development of novel disease detection technologies through a competitive application process that incentivizes the formation of multidisciplinary teams of clinicians, life scientists, engineers, and analytical chemists. Only team applications will be accepted and all team members are considered co-PIs. Teams must be composed of, but not limited to, one clinician (in human or veterinary practice) or biologist, one engineer, and one analytical chemist. Team proposals are limited to \$30,000 per team for a one year project period. It is anticipated that 3 teams will be funded for the 2018-2019 period. **June 28:** The Team Building Day set of events will highlight investigators' expertise and laboratory capabilities that are available to address clinical needs presented by medical and veterinarian experts (see calendar attachments for further details). **June 29:** The Proposers Competition Day will involve teams pitch presentations of their technology idea to a panel of judges. Team presentations will be ranked and winners will be selected on the same day (see calendar attachments for further details). **Requirements** - 3 Slides to be presented in a 7 minute presentation (+ 3 minute Q&A) on the June 29th Proposers Competition Day. [Register Here](#)

Events:

- **Hands-on IPA Training through Indiana CTSI Workshop** being held locally to focus on Ingenuity Pathway Analysis. Space is limited, please [register](#).



Congratulations to all of our recent graduates! We are happy to announce that PIIN's yearly "Neuronetworking" weekly summer seminar series will start on June 6. To continue our community building efforts, we will host two faculty speakers per week; presentations will be followed by a social hour with light snacks and beverages. We hope this will continue facilitating new interactions and, ultimately, lead to new collaboration projects among our neuroscience community. If you wish to present your most recent work in the Neuronetworking seminars, please contact Julie Scott.

Competing successfully for a new training grant was one of PIIN goals when established as

part of the institute's initiatives to increase research funding and graduate students development. We are happy to report that the [National Institute on Deafness and Other Communication Disorders \(NIDCD\) has awarded a five-year grant to Purdue University through the National Institutes of Health's flagship training program \(T32\)](#). This new training grant will enhance auditory neuroscience and innovative technology research at Purdue.

Finally, we are pleased to congratulate Dr. Julia A. Chester who won the Jane S. Link College of Health and Human Sciences Teaching Award, Dr. Jennifer L. Freeman who received the newer Mid-Career Research Award, and [Dr. Kinzer-Ursem](#) who won the NSF Faculty Early Career Development (CAREER) award. Congratulations!

Recent News:

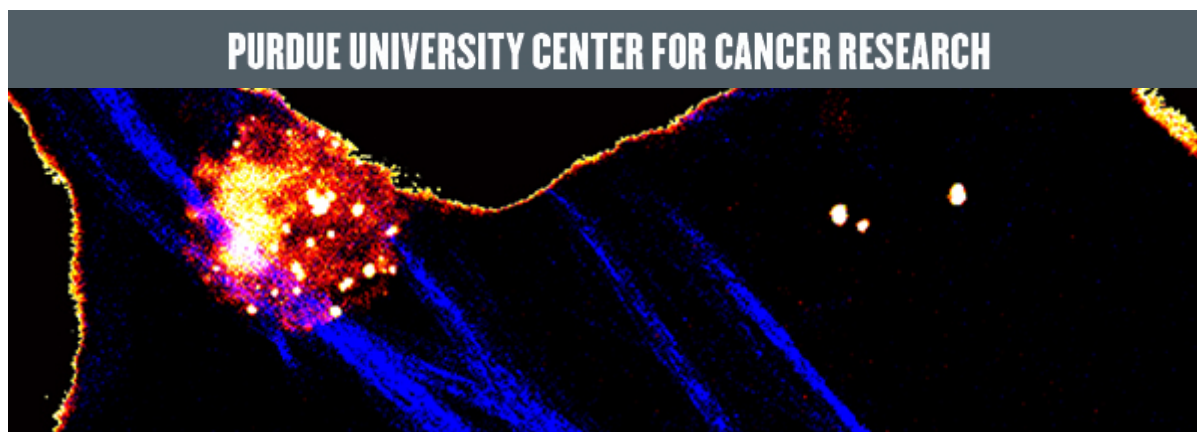
- [Dr. Kari Ekenstedt](#)- "Canine NAPEPLD-associated models of human myelin disorder"
- [Dr. Richard M. van Rijn](#) - "Critical Role for Gi/o-Protein Activity in the Dorsal Striatum in the Reduction of Voluntary Alcohol Intake in C57Bl/6 Mice"
- [Dr. Darci J. Trader](#)- "Development and Application of a Sensitive Peptide Reporter to Discover 20S Proteasome Stimulators"

Announcements:

- The Michael J. Fox Foundation is accepting pre-proposals for the [fall 2018 Parkinson's research funding](#)
- Indiana CTSI is accepting proposals for the [Indiana Traumatic Spinal Cord & Brain Injury Research Grant Program](#)
- Call to all research Scientists: ALZgerm.org is accepting submissions for its 2021 [Alzheimer's Germ Quest Challenge Award](#)

Upcoming Events:

- June 6 - July 25: [Neuronetworking Seminar Series](#): "Circuit organization of motor cortex"
- July 18-19: [Big Ten Ivy League Traumatic Brain Injury Research Collaboration and 2018 TBI summit](#)



The Purdue University Center for Cancer Research (PCCR) was established as an NCI basic science cancer center in 1978. As such, the PCCR's mission focuses on basic discovery - discovery that is the foundation through which the PCCR 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](#).

Reminder: Please add the 'Cc-participants@lists.purdue.edu' email address to your spam filter whitelist. If you have any questions on how to do this, please contact John Fry, johnfry@purdue.edu or 496-3993.

Recent News:

- AACR Stand Up To Cancer T-Cell Lymphoma Dream Team Translational Research Grant [Call for Ideas](#)
- Cancer Center Member, [Mark Lipton](#), was Murphy Award Winner
- Recipients named for 2018 Walk the Talk Awards: [SeemaMattoo](#)

Upcoming Events:

- Ingenuity Pathway Analysis (IPA) workshop. This hands-on training session will mainly focus on biological interpretation of expression data (including RNA-seq). **Wednesday, May 23rd from 9am-12pm in LILY 3410** Go [here](#) for more details.

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



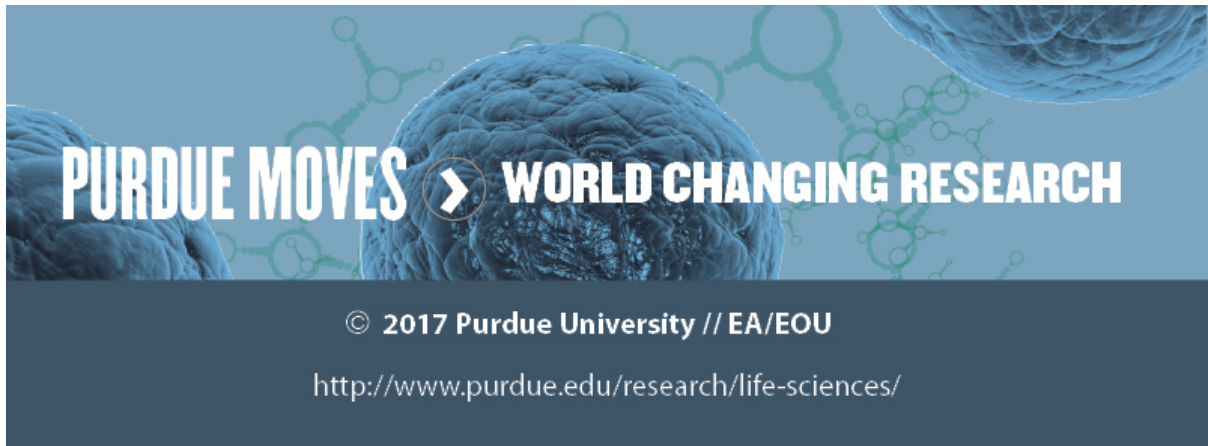
Save the Date – On Monday, May 21, the Regenstrief Center for Healthcare Engineering will be hosting two seminars in the area of mental health:

- “Disentangling Depression: Using Electronic Health Records to Elucidate Risks, Outcomes, and Treatments”; [Wendy Marie Ingram](#), PhD, Johns Hopkins Bloomberg School of Public Health; 10am-11am; MJIS 2001.
- “Machine Learning to Improve Mental Healthcare”; [Colin Walsh](#), MD; Assistant Professor of Biomedical Informatics, Medicine, Psychiatry, Vanderbilt University Medical Center; 11am-12noon; MJIS 2001.

The Regenstrief Center will be participating in the 6th Purdue Symposium on Psychological Sciences with the theme Big Data for Psychological Sciences. The symposium is being held May 17-19. Information about the speakers and times may be found at [here](#).

Purdue Healthcare Advisors, the outreach arm of the Regenstrief Center, is providing a more convenient way for health care professionals to obtain certifications in lean process improvement and develop advanced people skills in team facilitation, change making, leadership and other areas with the launch this month of [PHA Direct](#), an online platform for instruction, coaching and community building. Further information may be found [here](#).

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