



CHOT Quarterly Newsletter - Spring 2016

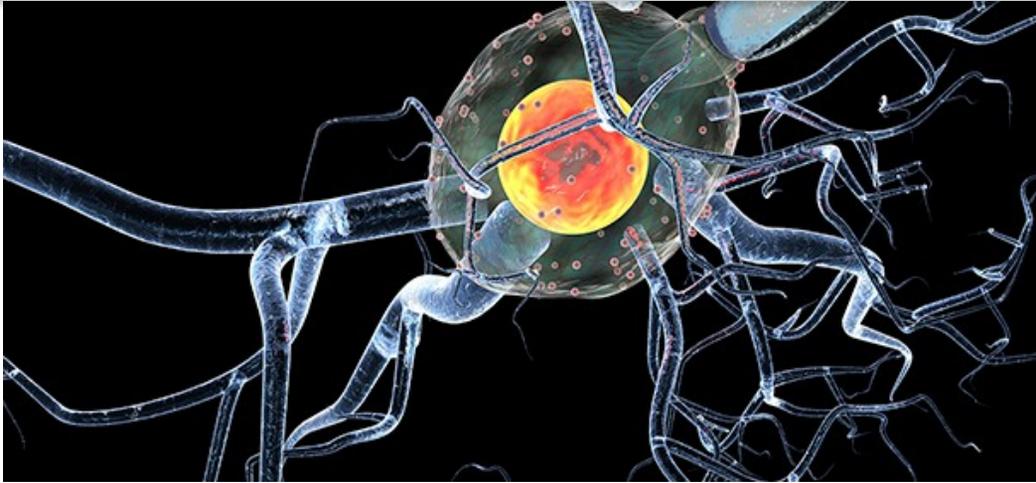
FEATURED NEWS

2016 Spring CHOT IAB Meeting Recap



CHOT's Industry Advisory Board (IAB) held its semi-annual meeting in Houston, TX at the Texas Children's Hospital Pavilion for Women with over 90 industry members, faculty, and graduate students in attendance. Over the 1.5 days, a total of 22 research proposals were presented. After the meeting, the IAB members will vote for their top eleven research projects. In addition to these research proposal presentations, there was a presentation on a possible collaborative research project investigating virtual tumor boards by two NSF I/UCRC Center Directors - Dr. Bitu Kash (Center for Health Organization Transformation) and Dr. Marc Garbey (The Cyber-Physical System for the Hospital Operating Room).

CHOT-Penn State Site Director, Dr. Harriet Nembhard, Receives Funding to Lead Parkinson's Disease Research



Dr. Harriet Nembhard was awarded a grant by the Clinical and Translational Sciences Institute (CTSI) at Penn State for research relating to treating and monitoring patients with Parkinson's disease remotely. Dr. Nembhard's project "Precision Health for Parkinson's Disease: Advancing Translation with Medical Devices and Technology" will focus on monitoring movement disorders of Parkinson's patients so that health care professionals may detect deteriorations in their patients' health condition in a timely manner. This new research will focus on translating the PASS technology into a functional telehealth device, which will allow for remote monitoring and delivery of health care.

For more information, click:

<http://www.ime.psu.edu/news/nembhard-ctsi-funding-sp16.aspx>

CHOT-UW Welcomed Over 50 Individuals to Planning Workshop

In February, University of Washington (UW) welcomed over 50 individuals--representing 37 entities across the health care spectrum--to the CHOT-UW Planning Workshop. The workshop served as an informational event to encourage industry voices to inform academic projects through the National Science Foundation's mechanism for industry-university collaborative research. The workshop was a forum to relay the vision, values, and capabilities of CHOT-UW as a potential future site of CHOT as well as to engage potential industry advisory board members.



RECENTLY PUBLISHED RESEARCH

Which one first? Prioritizing vaccines for effective pandemic response

When limited vaccines are available, prioritized vaccination is considered the best strategy to mitigate the impact of a pandemic. A recent study led by Dr. Eva Lee, Georgia Institute of Technology-CHOT Site Director, found that without delay in vaccination start time, there is a reduction in prevalence of more than twofold of H1N1.

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How to increase diabetic patient adherence to self-management programs

Patient adherence is one of the most difficult changes to healthcare providers. This study models human behavior, both intentional and unintentional, relating to error in patient adherence of diabetes treatment.

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UPCOMING EVENTS

CHOT IAB Fall Meeting
October 25 & 26, 2016
Location: Hershey, PA

Details will be made available soon on the CHOT website (chotnsf.org).

