Welcome to Research Roundup—the Johns Hopkins Bayview Scientific Advisory Board’s (BSAB) new bi-monthly research newsletter. Through this newsletter, we’ll be shedding light on exciting research news happening on the Johns Hopkins Bayview campus, and providing updates on events and funding opportunities for Medical Center faculty.

Research News

Research Highlight:
Johns Hopkins Adherence Research Center (JHARC)

The Adherence Research Center, founded by Dr. Cynthia Rand, is considered a leader in design of advanced interventions to promote medication adherence and the accurate measurement and evaluation of adherence involved in clinical research trials. Established in the mid-90s at Johns Hopkins Bayview, it is currently run by director Dr. Kristin Riekert and co-director Dr. Michelle Eakin. Each electronic medication adherence device helps researchers track a patient’s adherence in taking assigned dosages of medication by producing a data timestamp that is transmitted to the investigators via Bluetooth technology each time a dose is taken.

We recently caught up with Drs. Riekert and Eakin, and learned how their center is working to try to implement medication adherence devices to improve research and treat patients with chronic diseases. Ultimately, the goal of using adherence devices is to address the patient’s life factors to develop a more effective treatment plan—focusing on “why?”, “what?”, and “how?” in the evaluation of adherence.

Dr. Riekert explains, “Let’s say that a patient is due to take a dosage of their medication in the morning, however, the patient has not been successful with adhering to this plan. The data we receive from the adherence device allows us to then work with the patient on creating a new treatment plan that is more realistic with their lifestyle, overall helping us to provide effective treatment by treating the patient as a whole and considering life factors and influences.”

The Adherence Research Center has received continuous NIH funding for investigator-initiated studies related to the measurement of adherence and self-management interventions. In addition, JHARC faculty members consult with the pharmaceutical industry, nonprofit organizations, and faculty at other academic institutions. Both Dr. Riekert and Eakin agree that providing mentorship and training to trainees of all levels (undergraduate students to postdoctoral fellows) and assisting in the design and development of clinical trials are two of the most enjoyable aspects of their involvement with JHARC.

For more information on how to get involved in adherence research, please reach out to Dr. Kristin Riekert at kriekert@jhmi.edu or Dr. Michelle Eakin at meakin1@jhmi.edu.
NIH: Update in Appointment Process for Visitors Coming with Support from Foreign Sources

The SOM has announced a new appointment process for visiting scientists and research students with support from foreign services. If the hosting faculty member has federal research funding, and the visiting scientist/student has access to or involvement with that research, approval for foreign involvement will need to be obtained from the federal sponsor prior to processing of the appointment. If approval has not been obtained, please work with the SOM Office of Research Administration representative to request written approval from the federal sponsor. Please click here to view the “Transmittal Addendum - Foreign Funding Form” which will need to be completed for approval. This form can also be found under School of Medicine in the Registrar’s Office Appointment Forms on the Johns Hopkins website.

Research Events

Johns Hopkins Bayview Research Networking Happy Hour

Friday, September 14th
4:00pm - 5:30pm
Norman Library
Asthma & Allergy Center

Join us to socialize and make new professional connections!
All Bayview researchers are welcome to come.

Hors d'oeuvres and drinks will be served.

Please RSVP to:
BayviewViceDean@jhmi.edu

Sponsored by the Bayview Scientific Advisory Board.

Next Johns Hopkins Bayview Researcher Networking Event

Friday, September 14, 4 to 5:30 p.m.

Back by popular demand! Please join us again on Friday, September 14, from 4 to 5:30 p.m. in the Norman Library for the first Research Networking Event of the academic year. These happy hours have been a great way to make new professional connections. Light appetizers and drinks will be served. To RSVP, email BayviewViceDean@jhmi.edu.
9th Annual David G. Marsh Fellowship Lecture in Allergy & Clinical Immunology

On Wednesday, September 19, from 1 to 2 p.m. in the Norman Library (Room 28.65) in the Asthma & Allergy Center, Dr. Catherine Lozupone, assistant professor of biomedical informatics and personalized medicine in the computational biosciences program at the University of Colorado, Denver, will present “Towards a Mechanistic Understanding of Immune-modulation by Gut Bacteria as a Driver of Chronic Inflammation in HIV-infected Populations.”

If you are interested in attending, please RSVP to Pat Oldewurtel at poldewur@jhmi.edu.

Monthly BSAB Meetings

Do you have an interest in fostering innovative and collaborative research programs at Johns Hopkins Bayview? If so, we cordially invite you to attend a meeting of the Bayview Scientific Advisory Board. Chaired by Dr. Nadia Hansel, associate dean for research, the BSAB meets the third Tuesday of each month in the MFL Center Tower, 4th Floor Conference Room. Our next meeting is Tuesday, September 18, from 8:30 to 9:30 a.m.

Online Research Calendar

Keep a pulse on research-related events happening on the Johns Hopkins Bayview campus through the online research calendar. Browse the events listed or submit your own.

Research Opportunities

SANOFI Innovation Awards Program

Johns Hopkins University School of Medicine and sixteen other major peer institutions have entered into an agreement with SANOFI for their fourth Innovations Awards Program. If proposed projects are selected they will receive a one-year award for $125,000 including indirect costs, which may be renewable for an additional year and/or successful Innovation Awards projects may receive additional ongoing sponsored awards beyond the Innovation Program.

To be eligible for consideration, projects will go through a two-stage review:

1. Submit a brief, non-confidential pre-proposal to Karen Falter (kjus@jhmi.edu) by September 15.
2. SANOFI will ask selected pre-proposals to prepare a more detailed confidential proposal by October 15, under guidelines issued at that time.

The requested detailed proposals will be due on November 5, and will be reviewed by a Joint Scientific Committee that includes a scientist from each of the participating institutions as well as from SANOFI. Selected awards are expected to be announced in early December.

Undergraduate Research Assistance

Would you like to have a Homewood student working in your lab? Please consider posting your job opportunity on the Student Employment Services site.
Students, faculty and employees can use the new Blue Jay shuttle to travel between the Homewood and Johns Hopkins Bayview campuses. The shuttle runs every 30 minutes from 8 a.m. to 5 p.m., Monday through Friday. Drop off and pick up are at the Asthma & Allergy Center Circle.

Do you know about an award recipient, funding opportunity or faculty member’s new publication not listed here? Email BayviewViceDean@jhmi.edu with the details, and we’ll include it in our next issue.

For more on research at Johns Hopkins Bayview Medical Center, visit hopkinsmedicine.org/jhbmcresearch.

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