Welcome to Research Roundup — the Johns Hopkins Bayview Scientific Advisory Board’s (BSAB) quarterly 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 Updates in Psychiatry

There are several new and interesting happenings taking form in Psychiatry research! In efforts to spearhead collaboration between researchers and to keep our research community here at Johns Hopkins Bayview connected, we would like to share recent developments over the past few months.

- New grant from NIDA (Huhn, Dunn): Study will evaluate whether suvorexant, a marketed drug, is an effective sleep aid for persons with opiate use disorder undergoing supervised withdrawal, and whether improved sleep is associated with a reduction in opioid withdrawal symptoms, stress, and drug craving.
- New grant from NIAA (Weerts): The research will test the efficacy of candidate medications in animal models of alcohol abuse and alcohol/nicotine co-use to advance medications development for Alcohol Use Disorder.
- New contract from SAMHSA (Vandrey): The project will continue work evaluating the pharmacokinetics and pharmacodynamics of novel cannabis/hemp products.
- Extension of project from the Realm of Caring Foundation (Vandrey): The project will continue observational research study on the health impacts of medicinal cannabis.
- New SBIR grant funding from NIDA as subcontractor (Vandrey): This will help develop an iPad app designed to detect impairment in the workplace and roadside. We will be looking at the sensitivity of the app for detecting impairment following acute cannabis dosing. Phase I is under way and it is performing well. Phase 2, if funded, will start this coming winter and will allow for the purchase of a high-end driving simulator.

Share your department or division updates with us!

RESEARCH COORDINATOR WANTED!

Dr. Seamus Whelton will be conducting stress testing at Johns Hopkins Bayview CRU for a recently funded study and is in need of a research coordinator for assistance. Please see below for details:

PI: Dr. Seamus Whelton
Grant period: 6/1/2019-5/31/2020
Need: Study coordinator (non nurse) for 1/2 day per week for recruitment/screening patients by phone and being an extra set of hands during stress testing. The individual does not need to be specifically trained in exercise testing.
Support available: $4000 for 1/2 day per week effort.

Email Dr. Whelton if you know of an available coordinator!
NEW Precision Medicine Tools

On Thursday, May 30, experts from the School of Medicine hosted a Symposium on Precision Medicine in the Turner Auditorium. Experts from the Johns Hopkins University School of Medicine, the Applied Physics Laboratory, Johns Hopkins Information Technology, and colleagues from other institutions shared research discoveries and new resources that will enable our investigators to more efficiently analyze patient information and guide our providers in creating more appropriate treatment plans for our patients.

The following Precision Medicine tools and resources were announced and made available at the symposium:

- The **Precision Medicine Analytics Platform** is the most secure and convenient place for researchers to store and conduct complex analyses with large, sensitive datasets. Johns Hopkins researchers can use its data and tools at low cost.

- A **risk tiers matrix and calculator**, which help investigators determine a study’s risks to patient privacy and need for Data Trust review.

- The **Technology Innovation Center** is a resource created to assist researchers in turning insights into clinical applications. The center charges a fee for its design research, software development and data analysis services.

To learn more about these resources and how to access them, read an article in *Dome* and visit *Johns Hopkins inHealth*.

We hope these resources continue to inspire you to make headway in this important research area, and help you more efficiently deliver the promise of precision medicine now and in the years to come.

Watch a short video to learn more!

CALL FOR MERIT PRECEPTORS and RESEARCH MENTORS!

The MERIT Health Leadership Academy is a program based on the Johns Hopkins Bayview campus that offers high school students opportunities for academic advancement and hands on experience in the various clinical and research settings of healthcare. MERIT scholars are provided with career exposure by shadowing up to 20 different healthcare providers in real world situations. MERIT is changing the face of health care, one scholar at a time while increasing diversity among the next generation of health professionals in Baltimore.

**CLINICAL PRECEPTORS**

MERIT Baltimore is seeking clinical preceptors of all specialties and healthcare professions to provide exposure to interested, talented Baltimore city high school scholars. MERIT handles all HIPAA, compliance, scheduling and logistics. **Clinical preceptors are needed for 3 hour blocks Mondays through Thursdays, from July 1 to August 2.**

If you have any questions, you can reach out to blossom.tewelde@meritbaltimore.org.

**RESEARCH MENTORS**

MERIT Baltimore is seeking research scientists to mentor interested, talented Baltimore city high school scholars in the lab. MERIT handles all lab skills training, scheduling logistics and mentor orientation, and students are given the opportunity to present their work at the conclusion of their summer. **The commitment is every morning (9 a.m. to 12 p.m.) for 5 weeks (June 24 - July 26, except July 4).**

If you have any questions, you can reach out to blossom.tewelde@meritbaltimore.org.

Sign up here if interested!

Research Events

4th Annual Community Forum on Healthy Aging
Register by June 7

You are cordially invited to the fifth annual Johns Hopkins Sleep and Circadian Research Day. This event provides a venue for new investigators and trainees to present their research, highlights sleep and circadian research being conducted at Johns Hopkins and neighboring institutions, and facilitates interdisciplinary interactions and collaborations.

This year's event will be held Monday, June 24, 2019, in the Tilghman Auditorium and Turner Concourse (Miller Research Building, Johns Hopkins Medical Campus). Please note the change in venue from previous years!

Our keynote speaker is Dr. Jack Edinger, who will speak about “CBTI and hypnotics: Treatment combinations, treatment sequencing, and hypnotic fading strategies.”

To learn more about Dr. Edinger’s research interests, please click here.

Register here by June 7

SAVE THE DATE! Annual Research Symposium is December 6

The 14th Annual Johns Hopkins Bayview Research Symposium will be held on Friday, December 6, from 8 a.m. to 1 p.m. in the Asthma & Allergy Center. Hosted by the Office of the Vice Dean and the Bayview Scientific Advisory Board, this event is a great opportunity to highlight your research. Anyone with affiliations to Johns Hopkins or NIA/NIDA is welcomed to participate.

We will be accepting submissions for abstracts in the fall.

Please stay tuned for more information!
Out of the Lab Lecture Series

We’re excited to announce a new monthly lecture series for basic scientists to share their laboratory research and enhance research collaborations on campus. Please see our summer schedule below.

The third lecture of the series will take place in the Asthma & Allergy Center, Norman Library on Wednesday, June 26, from 10 a.m. to 11 a.m.

Sean Leng, M.D., Ph.D., Professor of Geriatric Medicine, will present his research on aging and geriatric medicine. Please join us to learn more from our exceptional researchers on campus!

Upcoming dates and speakers are:

- July 23 – Abhay Moghekar, MBBS, Research Director, Cerebral Fluid Center
- August 28 – Larissa Shimoda, Ph.D., Pulmonary and Critical Care Medicine
- September 24 – Jeremy Walston, M.D., Division of Geriatric Medicine and Gerontology

Research Integrity Colloquium

Please join us for the final Research Integrity Colloquium of the 2018-2019 season on Wednesday, June 26, from 10 to 11:30 a.m. in Mountcastle Auditorium (PCTB first floor). This event will also be simulcast to the Levi Watkins Conference Room on the Johns Hopkins Bayview campus (MFL Bldg., Center Tower, Room 301). The colloquium, entitled Navigating the Open Access World: From Fulfilling Funder Mandates and Institutional Requirements to Recognizing and Avoiding Predatory Journals, will feature presentations by Anne Seymour, director of the Welch Medical Library; Caitlin Carter, Scholarly Communication and Open Access Policy Fellow at the Welch Medical Library; and Carrie Price, clinical informationist at the Welch Medical Library.

If you have specific questions related to open access, selecting a journal, documents the publisher wants you to sign, or another related topic, share them with us at integrity@jhmi.edu before noon on June 25 for a chance to have them answered at the event. (Note: questions that are selected for discussion will be anonymized.)

The Research Integrity Colloquia are a core component of the Responsible Conduct of Research (RCR) Program, which is administered by the Division of Research Integrity in the Office of Policy Coordination. All individuals participating in research at the SOM are required to complete training in RCR.

The full schedule of upcoming Colloquia can be found at the Research Integrity website.

You may register to attend this colloquium in myLearning. Pre-registration is not required. On-site sign-in will be used to verify and credit attendance.

Register to Attend

Monthly BSAB Meetings

Do you have an interest in fostering innovative and collaborative research programs at JHBMC? 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 of the year is on Tuesday, June 18, from 9:30 to 10:30 a.m.

New Faculty Luncheons

Does your department have any new faculty starting this July? Or perhaps you’re new to Baltimore? The Office of the Vice Dean is holding a series of New Faculty Luncheons to help new faculty members meet their colleagues, get to know the Baltimore area better, and learn about the various academic programs and opportunities at Hopkins Bayview.

All of the lunches will be catered and held in the Mason F. Lord Center Tower, Room 301, from 12 to 1 p.m. on the following dates:

- July 23
- August 13
- September 3

RSVP
Online Research Calendar

Keep a pulse on research-related events happening on the Johns Hopkins Bayview campus through the online research calendar where you can browse freshly updated events. If you have a research event that you would like added to the calendar, please send an email to BayviewViceDean@jhmi.edu.

View Research Calendar

Research Opportunities

Vilcek Prizes for Creative Promise in Biomedical Science

Awarded annually by the Vilcek Foundation, the prizes honor three immigrant scientists --- 38 years of age or younger -- who have demonstrated outstanding achievement during the early stage of their career.

Amount of award: $50,000 each

Deadline: 6/10/19

Visit Vilcek Prize

W.M. Keck Foundation Research Support

The W. M. Keck Foundation was founded with the goal of generating far-reaching benefits for humanity. The foundation strives to fund endeavors that are distinctive and novel in their approach. The Research Program seeks to benefit humanity by supporting projects in two specific areas (1) medical research and (2) science and engineering, that are distinctive and novel in their approach, question the prevailing paradigm or have the potential to break open new territory in their field. Past grants have been awarded to major universities, independent research institutions and medical schools to support pioneering biological and physical science research and engineering, including the development of promising new technologies, instrumentation or methodologies.

Amount: Historically, grants range from $500,000 to $5 million and are typically $2 million or less. [Note: Most research grants have not exceeded $1M in recent years.]

Deadline: Email your concept paper to Ann Koch akoch@jhu.edu by June 21, 2019.

More Information

Maxwell Finland Award for Scientific Achievement

Awarded by the National Foundation for Infectious Diseases; recognizes scientists who have made outstanding contributions to the understanding of infectious diseases or public health. Some of the criteria on which selection is based include: excellence in clinical and/or research activities, participation in the training of future leaders in the field, positive impact on the health of humankind.

Deadline: 6/30/19

Visit NFID website

Contact Us

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/jhbmc/research.

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