DMICE

LATEST UPDATES

ADMINISTRATIVE UPDATES:

- Benefits for domestic partners, children of domestic partners will continue, latest update Here.
- A new O2 launches Oct. 10 with better search abilities and will be mobile friendly.
- Covid and flu vaccines are available. After navigating vaccine supply chain issues this week, Covid Vaccines will be available next week. Appointments may be scheduled through Enterprise Health. If you had an apt this week, we just received updated COVID-19 vaccine doses to cover this week's appointments. You may walk-in Friday or any day next week.
- Inside SoM Latest Update: Here
- Latest Research Update: Here
- Latest Knight News: Here
- See the Funding Alerts for Sept. 28 To find previously mentioned funding opportunities check out the OHSU Research Funding Alerts!

RESEARCH UPDATES:

- Upcoming Town Hall: Monday, Oct. 23, David Dorr and Shannon McWeeney will discuss AI and Clinical Data Science. Town halls are most Mondays at 1 p.m. Here's the Webex link.
- OHSU faculty who are interested in hosting a PREP scholar for the upcoming year are invited to fill out this interest form by **Friday, Oct. 11.**
- NIH Loan Repayment program closes Thursday, Nov. 16 The NIH Loan Repayment Program is a set of programs established by Congress and designed to recruit and retain highly qualified health professionals into biomedical or biobehavioral research careers. They repay up to $50,000 annually of a researcher's qualified educational debt in return for a commitment to engage in NIH mission-relevant research.

ANNOUNCEMENT

New OHSU leadership for the Center for Biomedical Data Science

The OHSU Knight Cancer Institute has announced that Sadik Esener, Ph.D., will serve as the interim director of the OHSU program.

Joining Esener on the multi-disciplinary OHSU leadership team will be center scientific co-directors Xubo Song, Ph.D., professor of Medical Informatics and Clinical Epidemiology and Biomedical Engineering in the OHSU School of Medicine and Emek Demir, Ph.D., associate professor in the OHSU Department of Molecular and Medical Genetics, and program director of OHSU's Brenden-Colson Center for Pancreatic Care Computational Biology. Drs. Song and Demir are both CEDAR members. The CBDS will also have an advisory board that will include external and internal leaders in the field to advise the center's leadership as it continues to grow.

Shannon McWeeney, Ph.D., will serve in a key role as co-chair of the CBDS Advisory Board. Dr. McWeeney is a professor in DMICE and the Division of Bioinformatics & Computational Biology in the OHSU School of Medicine, the chief data officer for the Knight Cancer Institute, and the director of medical bioinformatics for the Knight Precision Oncology program.

With the OHSU leadership team now in place, OHSU Knight Cancer Institute Director Brian Druker, M.D., says the next priority will be building a world-class computational science faculty. Full announcement Here

Education Updates

The DMICE HCIN Masters program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). Earlier this year, CAHIIM conducted a comprehensive program review that recognized our compliance with the nationally established CAHIIM 2017 Health Informatics Accreditation Standards and our commitment to continuous quality improvement in higher education by awarding Continuing Accreditation for the next seven years. Our next review will be in 2030-2031.

Our thanks to the team who worked so hard to get us through the program review successfully, especially Andrea and Bill. Also, thank you to all the faculty who participated in site visit sessions.

SEMINARS & WEBINARS

Grant Writer's Seminar: Write winning NIH grants, Thursday, Oct. 12, and Friday, Oct. 13
This widely acclaimed seminar comprehensively addresses practical and conceptual aspects important to the proposal writing process. On the first day, emphasis is given to idea development, identification of the most appropriate granting agency, how to write for reviewers, and tips and strategies of proven value in presenting an applicant's case to reviewers. See more here.

Day two is a half-day seminar for career development award candidates. It emphasizes the partnering between candidate, mentor and institution that is necessary to make these proposals successful, resulting in protected time for research. The National Institutes of Health's mentored K Awards and NIH's Ruth L. Kirschstein F32 National Research Service Award for individual postdoctoral fellows are used as representative applications. Content includes tips and strategies on getting reference letters, selecting and getting the most from a mentor, how review criteria can be used to inform the writing of a CDA, the kinds of research and training to propose and more. Participants receive a grant writing manual that is distributed in the session. While targeted towards NIH grants, the principles are appropriate for applicants to other agencies. In-person, location TBD. Seminar cost: $105 for both days.

Register here.

Strategies for Success: How to Win a Grant from the American Philosophical Society. Friday, Oct. 20, register by Sunday, Oct. 15 via this link.

Faculty Professional Development Series workshops. More info can be found at the links below.
- Classroom Pedagogy, Friday, October 20th, 9-12. More info
- Care for the Whole Person: Student Affairs at OHSU, Tuesday, November 7th, 9-12, *new session meant for faculty and staff*. More info
- Wellness, Mentorship, and Professional Growth. Wednesday, November 15th, 10-1 *new session* More info
- Promotion & Tenure, Thursday, November 16th 9-12. More info
- Library Research and Impact Services, Thursday, November 30th 1-4. More Info
- Paths to Leadership is a leadership development program for faculty who want to make a difference at OHSU. Applications for the 2024 Cohort of Paths to Leadership are now open. Please apply by November 20, 2023. More information on the program can be found here.

DMICE PRESENTATIONS AMIA 2023

Steven Bedrick, PhD, Oregon Health & Science University

- Natural Language Processing Working Group Pre-Symposium: Graduate Student Consortium, Lighting Talk on State-of-the-art Biomedical and Clinical NLP, and a Tutorial on ChatGPT and Prompt Engineering. Saturday, Nov 11, 2023 8:30 AM - 12:00 PM CST
- Bridging Training Gaps through Voice: An Ethics-based Approach to Teaching Trustworthy AI. Tuesday, Nov 14, 2023 10:30 AM - 12:00 PM CST

David Dorr, MD, MS, Oregon Health & Science University

- Informatics Maturity Working Group: Understanding and Applying Maturity in Biomedical Informatics Saturday, Nov 11, 2023 1:00 PM - 4:30 PM CST
- Bridging Training Gaps through Voice: An Ethics-based Approach to Teaching Trustworthy AI. Tuesday, Nov 14, 2023 10:30 AM - 12:00 PM CST
- Industry Partner Session - RTI International - Care Planning and Care Coordination: A Multi-Part Panel on Implementation of an Electronic Care Plan (eCP) and Technical Specifications Tuesday, Nov 14, 2023 3:30 PM - 5:00 PM CST
- How Are Leading Research Institutions Engaging with Data Sharing Tools and Programs? Tuesday, Nov 14, 2023 3:30 PM - 5:00 PM CST
- Understanding Enterprise Data Warehouses to Support Clinical and Translational Research: Initial Findings on Impact, Sustainability, Demand Management, and Accessibility. Tuesday, Nov 14, 2023 3:30 PM - 5:00 PM CST
- Implications of Digital Advances on Clinical Guideline Trustworthiness and Dissemination Through a Reimagined National Repository. Wednesday, Nov 15, 2023 9:45 AM - 11:00 AM CST

Nicole Weiskopf, PhD, Oregon Health & Science University

- Beyond Completeness: Considerations for Systematic Assessment of Fitness in Secondary Use of Clinical Data. Tuesday, Nov 14, 2023 3:30 PM - 5:00 PM CST

William Hersh, MD, Oregon Health & Science University

- Building Human and Data Capacity in the NIH Data Science for Africa Initiative Monday, Nov 13, 2023 10:30 AM - 12:00 PM CST
- Bridging Training Gaps through Voice: An Ethics-based Approach to Teaching Trustworthy AI Tuesday, Nov 14, 2023 10:30 AM - 12:00 PM CST
- Generative Applications of Large Language Models for Medical Education and Knowledge Searching: Shall We Count on ChatGPT and Co? Wednesday, Nov 15, 2023 9:45 AM CST

KUDOS

In August, Dr. Nicole Weiskopf received a four-year R01 grant from the National Library of Medicine on health equity and the impacts of EHR data bias associated with social determinants. She is partnering with OCHIN and an investigator at the University of North Carolina – Chapel Hill. Drs. David Dorr and Steven Bedrick are co-investigators.

Also in August, Dr. Steven Chamberlin received a five-year K08 career development award from the National Center for Complementary & Integrative Health. His project focuses on network models to capture multiple outcomes resulting from multi-component, salutogenic interventions. Dr. Shannon McWeeney is serving as his primary mentor.

The Pacific NW Evidence-based Practice Center (EPC) received a task order from AHRQ for evidence reviews to inform the US Preventive Services Task Force as they make screening and preventive services recommendations. With Dr. Roger Chou as contract PI, the project includes systematic evidence reviews on medication use to reduce the risk of breast cancer, screening for HIV infection (Lead Investigator, Dr. Roger Chou), primary care interventions for tobacco use in children and adolescents (Lead Investigator, Dr. Shelley Selph), and risk assessment, genetic counseling, and genetic testing for BRCA-related cancer (Lead Investigator, Dr. Amy Cantor).

Dr. David Dorr, together with MPI Dr. Lapika Samal at Brigham and Women's Hospital in Boston, received a three-year R01 grant from the National Institute on Aging. The project, Multiple Chronic COnditions: MulitPle dAta SouRcEs, goes by the name MC COMPARE and started in September. Dr. Nicole Weiskopf is a co-investigator.

The EPC also received a three-year U01 grant from the Food and Drug Administrations (our first FDA grant!). Dr. Roger Chou and Dr. Andrea Skelly of Aggregate Analytics, Inc., our EPC partner, are the principal investigators of this project to produce guidelines for the management of acute low back pain. The American Academy of Pain Medicine is also a partner on this work, and Dr. Nancy Carney is a co-investigator.

Dr. Guanming Wu is an MPI on an administrative supplement to the main Reactome grant (Ontario Institute for Cancer Research is the prime). The one-year supplement is Optimizing Reactome TRUST.

As part of the Bridge2AI project, Voice as a Biomarker for Health, on which DMICE has a subaward from the University of South Florida, Dr. Bill Hersh is site PI of an administrative supplement this grant year for an inter-disciplinary voice AI training summer school. Drs. Steven Bedrick and Dr. Lisa Karsens will serve as co-investigators.

Finally, Dr. Annette Totten received a contract from the VA/VISN 20 for continued work on the telesleep information and implementation project. Dr. Eilis Boudreau is co-investigator.