Welcome to the first edition of the ORSP newsletter!

Each month, we'll use this space to share news, announcements, resources, and a look into research administration, opportunities, and activities taking place in the UMass Boston community.

Introducing Kuali Proposal Development (PD)

Say good-bye to the paper-based proposal development system, and hello to online proposal preparation, review, and approval! As part of our continuing transition to Kuali Electronic Research Administration (eRA), we are rolling out the final Kuali Suite module: Kuali Proposal Development. Kuali PD is a new proposal entry tool now up and running for the College of Sciences & Mathematics, the Manning College of Nursing & Health Sciences, the School for Global Inclusion & Social Development, and the Institute for Community Inclusion. By January 23rd, Kuali PD will also be available for the College of Liberal Arts, the School for the Environment, and Student Equity, Access, and Success.

Core Facility Spotlight

UMass Boston core facilities bring cutting-edge
instrumentation, methodologies, and expertise to our research community by providing high quality research services by our in-house experts and constitute a major educational resource for our students and faculty. Operating as fee-for-service facilities, some are available to external researchers as well. Each month we will highlight one of our core research facilities.

The **Proteomics Core** at UMass Boston opened in Spring 2016, and is directed by Professor Jason Evans. The Core recently added an Evosep nano HPLC tims-TOF instrument with $750k funding from a Bits to Bytes grant from Massachusetts Life Sciences Center. The Evosep provides exceedingly reproducible retention times and the tims-TOF provides high resolution mass spectrometry with an additional dimension of peptide separation based on ion mobility. Learn more about other available instruments in this Core by going on a virtual tour!

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**Venture Development Center (VDC) Kicks Off 2023 With February Events**

The VDC is our on-campus incubator, allowing us to engage the startup industry to create entrepreneurship opportunities for our students, faculty, and research staff.

The VDC is bustling with renewed energy and activity. Join our Vice Provost for Research, Professor Bala Sundaram, Dr. Tracey Poston, and advisor Dr. Shubhro Sen, as they welcome resident companies, Global Entrepreneurs in Residence, and other key stakeholders with a new semester **Welcome Celebration** on Wednesday, February 8th, 2023.

This will be preceded by an invitation-only, event for campus innovators and entrepreneurs: a **Venture Funding Panel** discussion featuring senior partners at several leading local venture firms. To apply for a spot to attend this panel discussion contact vdc@umb.edu.

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**Research In the News**

- **Researchers Explore Impacts of Climate Change Through the Eyes of Boston Area Residents of Applied Linguistics Professors Awarded $2.9M for Development Program for Teachers of English**
- **2021 Earthshot Prize Finalist Living Seawalls Announces Partnership with Stone Living Lab as**
Selected Funding Highlights from Around the University

FY22 was a banner year for UMass Boston with a record $67.7M in external awards received by our faculty and research staff. FY23 has started out with the same momentum, with a few of the latest awards listed below. Coming later this FY, a full list of all awards will be available on the ORSP website.

Title: Engaging Central American Parents and Adolescents to Develop Contextually and Culturally Tailored Messages to Increase Human Papillomavirus Vaccination
PI: Ana Cristina Lindsay, DrPH, DDS, MPH
Department: Exercise and Health Sciences
Sponsor: Merck & Company, Inc.
Award: $271,361

Title: Electronic spectroscopy of astrophysically important silicon-bearing molecules
PI: Neil Reilly, PhD
Department: Chemistry
Sponsor: National Science Foundation
Award: $465,508

Title: What is Metrology if Quantum Measurements Participate in Making Reality
PI: Christopher Fuchs, PhD
Department: Physics
Sponsor: John Templeton Foundation
Award: $2,454,680

Upcoming Funding Opportunities of Interest

National Institutes of Health (NIH) R01 Research Project Grant (new applications)
Funding Opportunity Announcement: PA-20-185
Due Date: February 5, 2023

National Science Foundation (NSF) Developmental Sciences (DS)
Funding Opportunity Announcement: PD 08-1698
Due Date: February 9, 2023

National Institutes of Health (NIH) R21 Exploratory/Developmental Research Grant (new applications)
Program: PA-20-195
Due Date: February 16, 2023

National Science Foundation (NSF) EDU Core Research: Building Capacity in STEM Education Research (ECR: BCSER)
Program Solicitation: NSF 22-548
Due Date: February 24, 2023

National Endowment for the Humanities (NEH) Humanities Initiatives at Colleges
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