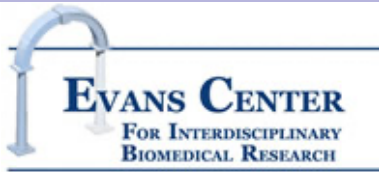


Newsletter Spring 2025

bumc.bu.edu/evanscenteribr || IBRO <https://rb.gy/ybd8r>



Boston University Interdisciplinary Biomedical Research Office BU IBRO
www.bu.edu/research/ibro

Researchers
Retreat

Plan to Join Us!

March 28, 2025 | 9:30a – 4p

Register Here or use the QR code:

https://bostonu.qualtrics.com/jfe/form/SV_9ow3m3riyxBMjZQ

Please
RSVP for
lunch by
3/17/25

DOM Researchers Retreat

Computing & Data Sciences Building
17th floor, 655 Comm Ave

March 28, 2025
9.30am-4pm



Register via QR code or https://bostonu.qualtrics.com/jfe/form/SV_9ow3m3riyxBMjZQ

Where faculty come together to build community

Morning Session (9.30 am – 12.00 pm)

09.30 am – 10.00 am

Breakfast and Networking

10.00 am – 10.45 am

Senior Leadership Research Vision Talks (DOM, BU, BMC)

Sushrut Waikar MD MPH, David Salant MD, Katya Ravid DSc, Anthony Hollenberg MD, Megan Bair-Merritt MD MSCE, Gloria Waters PhD, David Center MD

10.45 am – 11.15 am

Section Chiefs Panel Discussion

Frederick Ruberg MD, Naomi Hamburg MD MS FACC, Tarik Haydar PhD, Tamar Barlam MD, Michael Fischer MD MS, Lindsay Farrer PhD, Avrum Spira MD MSc

11.15 am – 11.30 am

Coffee Break

11.30 am – 12.00 pm

Early-stage Investigator Lightning Talks

Lunch and Roundtable Discussions (12.00 pm – 1.30 pm)

- **Developing Competitive Grant Proposals to Propel Innovative and Impactful Research**

hosted by Scott Wilson and Amy Perlack JD

- **Expanding Your Horizon: Resources for Career Development**

hosted by Emelia Benjamin MD ScM, Francine Montemurro JD and Mark Braun

- **Navigating Research Challenges and Opportunities as a Clinical Scientist**

hosted by Karen Jacobson MD MPH, Mari-Lynn Drainoni MEd PhD and Rebecca Lobb ScD MPH

- **Unlocking the Power of Clinical Samples and Human Datasets for Translational Research**

hosted by Donald Lloyd-Jones MD ScM, Christopher Andry MPhil PhD, Ioannis Paschalidis PhD and William Adams MD

- **Creative Strategies for Securing Support and Building Partnerships With Industry**

hosted by Michael Pratt MBA, Mark Simes PhD and Avrum Spira MD MSc

- **Resources and Strategies for Balancing Work, Life, and Well-Being**

hosted by Megan Bair-Merritt MD MSCE and Karen Brouhard LICSW CEAP

Afternoon Session (1.30 pm – 2.30 pm)

1.30 pm – 2.00 pm

Early-stage Investigator Lightning Talks

2.00 pm – 2.30 pm

Technology Q&A Panel

Sarah Mazzilli PhD (spatial omics), Joseph Zaia PhD (proteomics), Anna Belkina MD PhD (flow cytometry), Joshua Campbell PhD (scRNA sequencing), Francesca Seta PhD (in vivo imaging), Lynn Deng PhD / Matthew Au (analytical instrumentation), Michael Kirber PhD (cell imaging), Ioannis Paschalidis PhD (Hariri Institute)



Networking Reception (2.30 pm – 4.00 pm)

DOM Researchers Retreat Organizing Committee:



George Murphy
CReM/HemeOnc



Francesca Seta
Vascular Biology



Karsten Lunze
GIM



Kim Vanuytsel
CReM/HemeOnc



Robin MacDonald
DOM Evans Center



Christine Choi
DOM Central

All
DoM Faculty
ARC &
Pre-ARC
Directors
Welcome!

A spot-light on the Food & Nutrition Pre-ARC

DOM DEIA week
March 12, 2025
Where and when:
E118 ; Noon-2 pm



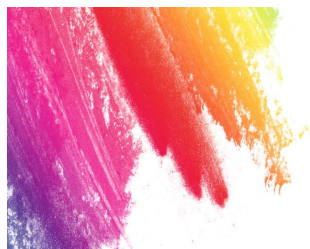
Hosted by: **Evans Center for Interdisciplinary Biomedical Research**

Title: **Food as a Unifier & Cultural Humility**

Content: **International food sampling along with sampling of inclusive research directions by the new Pre-ARC.**

"Nutrition and well-being: Through the lens of health equity and community sovereignty"

*part of the
Department of
Medicine's
DoM Diversity,
Equity, Inclusion
& Accessibility
(DEIA) Week*



Please join us for lunch!

Food as a Unifier: Innovating Nutrition and Embracing Cultural Humility

Wednesday, March 12, 2025

12-2pm

72 E Concord St, room E118 (Evans building)

A spot-light on Alzheimer Disease (AD) Research

Visit also our ARC Work on AD, led by Drs. L. Farrer, R. AU & A.Cronin-Golumb

Precision Medicine for Alzheimer Disease and Related Disorders

5th Annual Boston University Framingham Heart Study Brain Aging Program (FHS-BAP) Symposium

Monday, April 14, 2025, from 12:00–4:00 PM (EST)

Register here: https://bostonu.zoom.us/webinar/register/WN_pUSzBud8SPig9-8-k_Cizg

For any questions, please contact Maria Dudek at medudek@bu.edu.

We look forward to your participation!

Impact of the Exposome on Risk of Alzheimer's Disease and Related Dementias

<p>Impact of the Adverse Social Exposome on Risk of Alzheimer's Disease: A Closer Look at the Exposome</p>  <p>Amy Kind, MD, PhD University of Wisconsin School of Medicine</p>	<p>Unraveling Environmental Contributions to Alzheimer's Disease: A Closer Look at the Exposome</p>  <p>Richard Kwok, PhD National Institutes of Health</p>	<p>Using high-resolution mass spectrometry to study Alzheimer's disease</p>  <p>Gary Miller, PhD Columbia University</p>	<p>Neural Exposome Factors in the Onset and Progression of Alzheimer's Disease and Related Dementias: Experimental Approaches and Clinical Implications</p>  <p>Giulio Maria Pasinetti, MD, PhD Icahn School of Medicine at Mount Sinai</p>	<p>Some dirt might hurt: what we know about the effects of common environmental exposures on dementia risk</p>  <p>Jennifer Weuve, MPH, ScD Boston University School of Public Health</p>	<p>Resilience and Risk to Alzheimer's Disease and Related Dementias: Lifecourse Contributions to Disparities in Brain Health</p>  <p>Rachel Whitmer, PhD UC Davis Medical Center</p>
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To register, please click [here](#)

APRIL 14, 2025
12:00-4:00 PM EST



Shining Light on ARCs 2024, part of DoM Evans Days, October 10, 2024



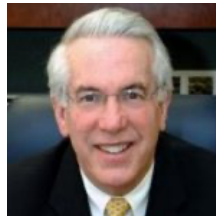
**Provided a spot-light on the
BU Women's Health Pre-ARC**

Congratulations

Ioannis Ch. Paschalidis, Electrical and Computer Engineering, was awarded the
Evans Center Collaborator of the Year Award, 2024

Drs. D. Salant and K. Ravid presented the 2nd Annual Talk by the **David Coleman Prize** winner,
Jean Liew, MD MS

"Intra-articular mineralization in knee osteoarthritis"



David L. Coleman
Emeritus Professor of Medicine

*The David L. Coleman, MD Junior Faculty Prize
is awarded to an assistant professor for special contributions to
their colleagues, section and department,
and in recognition of excellence in research and good citizenship as demonstrated by
volunteer leadership, contributions to educational initiatives, mentorship and a commitment to diversity.*

2025 ARC application deadline: Tues, April 29, 2025 @ 11:59pm

To download the 2025 Application Form for ARC (New/Report/Renewal)
please visit **[Joining an ARC and Incentives](#)**



Boston University Chobanian & Avedisian School of Medicine
Evans Center for Interdisciplinary Biomedical Research



Affinity Research Collaboratives (ARCs & Pre-ARCs), January 2025

<https://www.bumc.bu.edu/evanscenteribr/>

ARCs (4)

- (Yr 1) **Tuberculosis Interdisciplinary Approach to Research Alliance (TIARA)** / Co-Directors: Drs. Karen Jacobson, C. Robert Horsburgh, Laura White
- (Yr 1) **Musculoskeletal Health, Biology Over a Lifespan (MHet)** / Co-Directors: Drs. Paola Divieti Pajevic, **LaDora Thompson**, David Felson
- (Yr 1) **Innovative Technology and Novel Biomarker Discovery and Development for Disease Diagnosis and Treatment (B4D)** / Co-Directors: Weining Lu, Chao Zhang, Joel Henderson, **Liang Hao**, Manju Subramanian
- (Yr 1) **Developing an artificial intelligence digital pathology diagnostic tool for proteinuric kidney disease** / Co-Directors: Drs. Weining Lu, Chao Zhang, Joel Henderson, **William Tomlinson**, Vijaya Kolachalama

ARC Programs (6)

- **A Multi-Disciplinary Program to Identify Predictors of Efficacy and Resistance to Cancer Checkpoint Inhibition (PIPER-C)** / Co-Directors: Drs. Matthew Kulke, Evan Johnson, David Sherr, Gerald Denis
- **Respiratory Pathogens: COVID-19 and Beyond** / Co-Directors: Drs. Markus Bosmann, Mohsan Saeed
- **Thrombosis and Hemostasis** / Co-Directors: Drs. Vipul Chitalia, Katya Ravid, Jean Francis
- **Mobile and Electronic (ME)-Health** / Director: Dr. Belinda Borrelli, Leadership: Drs. **Daniel Fulford (Co-Director)**, Joanne Murabito, M.D. (Co-Director), and Lisa Quintiliani
- **Precision Medicine for Alzheimer Disease and Related Disorders** / Co-Directors: Drs. Lindsay Farrer, Rhoda Au, **Alice Cronin-Golomb**
- **Fibrosis ARC: Connecting Tissues and Investigators** / Co-Directors: Drs. Maria Trojanowska, **Irving Bigio**, Bob Varelas

Pre-ARCs, 2024-2025

Boston University Women's Health Research:

Drs. Emelia Benjamin, **Joyce Wong** & Elisha Wachman

Food and Nutrition: through the lens of health equity, food justice, and community sovereignty:

Olivia Thomas, Drs. Megan Sandel & Vipul Chitalia

Bridging Basic and Clinical Science to Reduce the Harms and Consequences of Persistent or Risky Substance Use:

Drs. Venetia Zachariou & Alexander Walley; Preclinical consultant, **Dr. Kathleen Kantak**

Funding supported by the DOM, CTSI, GSDM, BMC

Opportunities for cross-campus collaborations, funding & recognition

Online submissions are due this week: by March 6, 2025

Hariri Institute for Computing's Junior Faculty Fellows program and Graduate Student Fellows program

For more information, eligibility criteria and submission form, please visit:

[JFF Program](#) & [GSF Program](#)

Contact: Katherine D'Angelo | ktd@bu.edu | (617) 358-6692

In January, the Evans Center-IBRO co-organized & supported

Health Data Science RFP Workshop

led by Drs. Katya Ravid and Ioannis (Yannis) Paschalidis

along with the Hariri Institute Digital Health Initiative-Center for Health Data Science

Visit our web sites

ECIBR: <https://www.bumc.bu.edu/evanscenteribr/>

IBRO: <https://rb.gy/ybd8r>

Address inquiries related to logistics to: Robin MacDonald, at remac@bu.edu



BU CTSI

Interested in joining an ARC? please contact the ARC leaders and/or Robin MacDonald [remac@bu.edu]