

Boston Medical Center/ Boston University School of Medicine

Department of Medicine Newsletter

Message from the Chairman

Colleagues,

The Department of Medicine's October issue of the electronic newsletter describes the extraordinary successes of our faculty, staff, trainees, and students. We completed the 2018 Academic Year with record-breaking achievement in new research grant funding, clinical volume (wRVUs), financial performance, revenue per unit of clinical work, and residents' scores on the national in-training exam.

Achievement at this level only occurs through the collective efforts of all members of our department. In academic medicine, we often reserve the greatest praise for individual achievement, yet the department ultimately succeeds only through the commitment of all its members to respecting one another, encouraging people with diverse viewpoints and backgrounds, and by holding ourselves accountable to the highest standards of excellence. In this edition of the newsletter, we celebrate the accomplishments and contributions of the people in our department. I feel privileged to work shoulder to shoulder with you and hope you enjoy the newsletter!

David Coleman, M.D.



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Congratulations To All Award Recipients!

Sonia Ananthakrishnan, M.D. is the 2019 recipient of the CDIM Early Career Medical Student Educator Award



David Salant, M.D. was selected as the 2018 Edward N. Gibbs Lecture and Award in Nephrology

Congratulations to **Dennis Chow**, Senior Budget Analyst, for receiving the DOM Administration Award for his outstanding financial expertise, quality of work and customer service



Congratulations!

Research Accomplishments

DOM faculty continue to publish cutting-edge research in prestigious medical and scientific journals and receive significant press coverage.

Dr. Bindu Kalesan's study in the *Journal of Affective Disorders* found that the average profile of an American using a gun for suicide is a married, white male over the age of 50 who is experiencing deteriorating health.

Dr. Jessica Fetterman's study in the journal *Arteriosclerosis, Thrombosis and Vascular Biology* provides further evidence that e-cigarettes are not necessarily a benign way to help quit smoking. Five flavorings tested in the lab damaged the heart-protective functions of endothelial cells, which line the inside of blood vessels and the heart.

Large Federal awards of note:

An NIH-NCATS Cooperative Agreement continuation award of \$10.4 million over two years to PI **David Center, MD**, Pulmonary Medicine, for the BU Clinical and Transitional Science Institute.

An NIH-NIA Cooperative Agreement continuation award of \$2.7 million over five years to PI **David Felson, MD, MPH**, Epidemiology, for *Multicenter Osteoarthritis Study (MOST)*.

Foundation awards of note:

Robert Wood Johnson Foundation -- \$447,000 to **Joanne Murabito, MD**, and **Emelia Benjamin, MD**, to explore new approaches to health promotion using mobile devices such as smartphones.

American Cancer Society -- \$270,000 to the **BU-BMC Cancer Center**, to advance early-stage cancer research projects by early-career investigators



AΩA

Alpha Omega Alpha at BUSM

We are delighted and proud to announce that the following students from the Boston University School of Medicine Class of 2019 have been elected to membership in Alpha Omega Alpha.

**Hersh Bendre
Gianpaolo
Carpinito
Robin Chin
Patrick Curtin
Yasin Damji
Danielle Eble
Muhammad Fazal
Alex Francoeur
Austin Gable
Brandon Hayse
Stephen Hill
Yijia Hu
Kathryn Ivy
Anjali Jacob
Kathleen Joseph
Maya Kailas**

**Tova Koswosky
Zahrah Masheeb
Joshua Mervis
Frederick Milgrim
Kara Montbleau
Ryan Narciso
Christine Park
Julia Peay
Praachi Raje
Jeffrey Santos
Kristiana Sather
Nirupama Vellanki
Samantha Venkatesh
Sally Williams
Nicholas Zampariello**

Alpha Omega Alpha (AOA) is the only national honor medical society, and it is organized exclusively for educational purposes. Its aims are the promotion of scholarship and research in medical schools, the encouragement of high standards of character and conduct among medical students and graduates, and the recognition of high attainment in medical sciences, practice, and related fields. Its motto is: "Be worthy to serve the suffering."

Congratulations Grant Recipients!

DOM Faculty have been awarded a four year 1.58 million dollar grant from the Centers for Disease Control and Prevention (CDC) to support the ***Boston Sustainable Models for unhealthy Alcohol use ReducTion (B SMART)*** program. **Daniel Alford, MD, MPH** is the Principal Investigator and Jackie German, MPH is the Program Director. The B SMART program evaluation will be led by Jacey Greece, DSc, MPH from BUSPH's Department of Community Health Sciences. The program will officially begin on September 30, 2018.

The B SMART program's aim is to reduce the incidence of Fetal Alcohol Spectrum Disorders (FASD) by reducing unhealthy alcohol use and its associated risks among adults, with a particular focus on women during their reproductive years. We will accomplish this goal by supporting universal screening for unhealthy alcohol use and offering brief counseling for patients who screen positive within certain Boston HealthNet outpatient practices. This will be achieved through collaborative practice-centered protocol development to be efficiently incorporated into the practice workflow and electronic health records. The program will implement healthcare team training with ongoing coaching and technical assistance. I have attached the grant abstract for your information.

The B SMART program is a collaboration between BMC, Boston HealthNet, BUSM, BUSPH and MDPH-funded MABIRT TTA program.

Congratulations Grant Recipients!

An interdisciplinary team of clinicians, biomedical engineers and scientists at Boston University Medical Center receives support from Philips to investigate dialysis access malfunction

An interdisciplinary team (*members of the Evans Center IBR Thrombosis and Hemostasis ARC*) gathered to tackle this challenge. They were awarded a significant grant and trust by the large **Biotech Philips** (<https://www.philips.com/global>) to lead a clinical study focused on assessing the potential of intravenous ultrasound, an emerging technique, to investigate and diagnose the mechanical properties of central venous stenosis. Results from this study will address one of the critical bottlenecks in the management of dialysis access malfunction (particularly in our *underserved patient population*), and is likely to seed larger clinical trials in the future to guide endovascular therapies.



Philips Grant Awardees: Drs. Alik Farber (**co-PI**), Mostafa Belghasem, Vipul Chitalia (**PD/PI**), Raj Viveladhan (**co-PI**), and Jean Francis . Prof. Thomas Szabo (not pictured) will analyze mechanical properties of the stenosis.

DOM Administrator Spotlight: Rachelle Joseph

Name: Rachelle L. Joseph

Job title: Director, DOM Research Administration

Location: Vose Hall, Room 226

How many years have you been at BUSM/BMC? 11 years

What is it that you actually do? I lead a team of Research Administrators that provide federal and non-federal research support for Department of Medicine faculty and staff. We specialize in pre/post award management, finance, human resources and procurement.

What do you like best about your job? The people. I have the opportunity to work with the most dedicated faculty and staff every day.

What do you wish more people knew about your job? We are a service that is specific to Department of Medicine. We work for you and are here to help remove the barriers to conducting research at BU/BMC.

Favorite lunch spot? ZC Boston. When I worked in the Crosstown Building lunch options were few and far between. ZC Boston has the best sushi in the area with friendly staff and awesome service. It's so good that I actually drive to Boston on the weekends for it!

Favorite thing to do outside of work? Road trips with family. My most memorable road trip was driving from San Francisco to San Diego down the Pacific Coast Highway. Half way through the trip I wanted to turn around but quickly realized there are no exits on the side of the mountain and the closest city was still 40 miles away. At that point the best option was to take deep breathes and keep moving forward. In the end, the 12 hour drive was one of the most beautiful adventures I've been on. Our next big road trip is driving cross country.

Fun Fact: In 2011, I took a 1 year sabbatical to pursue my dream of becoming a teacher.



Did You Know?

The Department of Medicine Education Evaluation Core: Brief Overview

The purpose of the Education Evaluation Core (EEC) is to provide research support to clinician educators within the Department of Medicine (DOM). The EEC provides consultation on a wide range of research tasks:

- Articulating hypotheses and research questions
- Developing logic models and theories of change
- Designing studies
- Creating original data collection instruments
- Analyzing data
- Identifying appropriate outlets for scholarship
- Preparing manuscripts for submission
- Identifying opportunities and applying for external funding

If you are a clinician educator in the DOM and would like support with any anticipated or ongoing research activities, please email the director of the Core, **Dr. Lindsay Demers** at **Lindsay.demers@bmc.org** to schedule an appointment.

Fall Spotlight: The Tobacco Treatment Center

Tobacco Dependence: A chronic disease disproportionately affecting our patient population

Cigarette smoking is the leading cause of preventable death in the US, with 37.8 million adults currently smoking. While prevalence has declined since the 1960s, tobacco dependence rates remain alarmingly high in the population sub-groups that we care for at Boston Medical Center. Individuals who live in households below the poverty line (25.3%) and those with mental illness (35.8%) or substance use disorders (65%-90%) remain particularly affected. Not only do low socioeconomic status (SES) individuals smoke more, they also experience a disproportionate burden of tobacco-related disease.

The Tobacco Treatment Center: What we do

Given the clear need to optimize delivery strategies that enhance effectiveness and reach of tobacco interventions, in 2015 we developed the Tobacco Treatment Center at Boston Medical Center. The program brings together a multidisciplinary team of health professionals who specialize in helping smokers quit cigarettes.

Our team offers the following services:

Outpatient smoking cessation program (2015)

During 60-90 minute group sessions, BMC's tobacco-trained specialists (pulmonologists, nurse practitioners, respiratory therapists, and/or community health worker) help smokers understand the physical and psychological aspects of quitting tobacco and help develop personalized quit plans that include a variety of treatments. Follow-up sessions are based on patient preferences.

To make a referral:

- Call 617-638-7665 (617-638-SMOK)
- Providers can enter a referral in EPIC. Type 'Pulmonary Smoking' in the Meds and Orders dialogue box, which will take you directly to the referral.

Group sessions are held in the Pulmonary Clinic:

Shapiro Center
725 Albany Street, 9th Floor 9B
Boston, MA 02118

Fall Spotlight: The Tobacco Treatment Center



Inpatient Tobacco Treatment Consult (TTC) Service (2016).

Hospitalization is an opportunity to initiate tobacco dependence treatment. By proactively offering treatment regardless of motivation to quit, our mission is to make smoking cessation services more widely available to our patients.

In 2016, we created a new Inpatient Smoking Cessation BPA order set in our EHR for hospitalized patients identified as tobacco users. The BPA order set has been designed to fire for all current smoker admitted to the hospital (550 smokers/month) and displays orders for an Inpatient Consult to Tobacco Treatment. The team of trained tobacco treatment specialists performs inpatient smoking cessation counseling and provides recommendations for treatment on discharge to >1500 hospitalized smokers yearly.

The Tobacco Treatment Team:

Hasmeena Kathuria, Charlie O'Donnell, Carolina Wong, Erin Wilcox, and Carmel Fitzgerald continue to be the core of our program since its inception in 2015. New to our team this year are Christa Luongo, a tobacco-trained respiratory therapist, Jinesa Howard, a community health worker (CHW) who helps to address barriers to accessing tobacco treatment, and Alexis Gallardo-Foreman who focuses on treating tobacco dependence in COPD patients. We are excited to welcome Neely Wakeman to our team this October.

Hasmeena Kathuria, MD	Neely Wakeman, NP
Charles O'Donnell, RRT	Carolina Wong, Patient Navigator
Carmel Fitzgerald, NP	Erin Wilcox, RRT
Alexis Gallardo-Forman, NP	Christa Luongo, RRT
Jinesa Howard, CHW	

Fall Spotlight: The Tobacco Treatment Center



Research Partners

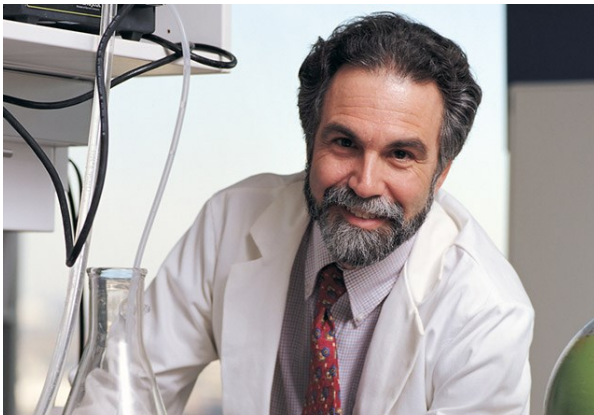
Drs. Kathuria and Renda Soylemez Wiener, with funding from the Evans Center for Implementation and Improvement Sciences (CIIS), are assessing outcomes related to implementation of our program. Several internal medicine residents (Nicole Herbst, Matt Spring, Divya Shankar, Lauren Kearney) and medical student Vinson Cobb are key research team members and are learning skills in implementation research and quantitative and qualitative methodology. Our clinical and research teams collaborate with the Inpatient Addiction Consult Service (Zoe Weinstein) and COPD Readmission's team (Alexis Gallardo-Foreman and Fred Little) to improve upon how we treat patients with tobacco dependence and ultimately decrease smoking-related morbidity and mortality.

Through the Mobile-Electronic-ARC, Clinical and Translational Science Institute (CTSI), CIIS, and American Lung Association, Drs. Wiener and Kathuria collaborate on several projects with researchers across the campus (Mari-Lynn Drainoni, Karen Lasser, Belinda Borrelli, Lisa Quintiliani, Tibor Palfai, Ve Truong, and Katie Steiling) focusing on reducing health disparities through developing, implementing, and studying the outcomes of innovative programs that focus on teachable moments (lung cancer screening, hospitalization) to promote health behavior change in tobacco use.

EVANS DEPARTMENT OF MEDICINE RESEARCH DAYS

October 11-12, 2018

We are pleased to announce the 2018 Wilkins and Ingelfinger Visiting Professors



Wilkins Visiting Professor
Gregg L. Semenza, M.D., Ph.D.

C. Michael Armstrong Professor of
Genetic Medicine, Pediatrics,
Medicine, Oncology, Radiation
Oncology and Biological Chemistry

Johns Hopkins University School
of Medicine



Ingelfinger Visiting Professor
Gary Vincent Desir, MD

Paul B. Beeson Professor of
Medicine

Chair, Internal Medicine
Yale School of Medicine

EVANS DEPARTMENT OF MEDICINE RESEARCH DAYS

October 11 – 12, 2018

Schedule of Events:

Thursday, October 11, 2018

Poster Blitz

8:30-9:30am,
L110

Research Poster Session

9:30am – 12:30pm
Hiebert Lounge

Wilkins Visiting Professor Lecture

3:30 pm
Keefer Auditorium

Evans Days Gala - 2017 Awards Dinner

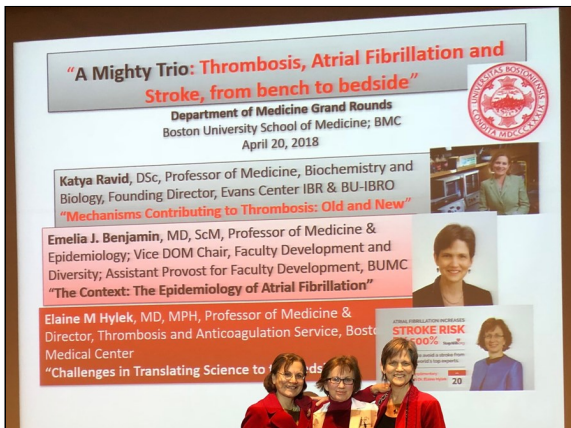
6:00 pm
Colonnade Hotel

Friday, October 12, 2018

Ingelfinger Visiting Professor – GRAND Rounds **12:00pm**

Keefer Auditorium

DOM Happenings



A mighty trio presented -from Basic to Clinical studies- at DOM Grant rounds; a DOM initiative aimed at bridging basic and translational research and researchers. The presentation attracted a full audience at Keefer Auditorium.

A Mighty Trio: Thrombosis, Atrial Fibrillation and Stroke, from bench to bedside

Presenters: Drs. Katya Ravid, Emelia J Benjamin, and Elaine Hylek



DOM Family Feud!

On September 11 the DOM Administrators and faculty guests took part in a family feud tournament designed by Nellie Ferrara

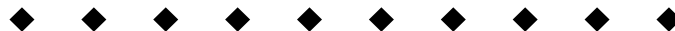
Winning Team: Sonia Ananthakrishnan, Mike Galatis, Nellie Ferrara (moderator), Brianna Freeman & Jen Visconti



Announcements

Interested in learning more about curriculum design, teaching and education evaluation?

The Health Sciences Education Master's program offers flexible courses and will give you the tools you need to incorporate educational theory into your teaching practices and to rigorously evaluate those practices. If you are interested in learning more, please follow this link <http://bit.ly/hseatbu> or email our Assistant Director, **Lindsay Demers** at ldemers@bu.edu



CReM

Anita Kurmann Memorial Lecture will take place on Tuesday, November 6th from 9-10am in X715 with **Dr. Xin Sun**, Professor of Pediatrics, Section of Cell and Developmental Biology of UCSD, presenting "NKX2-1: Tuning the Lung to Inputs"

Residency Program Launches new Coaching App



INTRODUCING

Coaching & Caring Connection

The #BMCIMRES Coaching Program is going digital!

KEY FEATURES

- ➔ Messaging
- ➔ Goal Setting
- ➔ Journaling
- ➔ Coaching and Life Wheels

Currently only limited availability to coaching pairs in clinical trail

Program-wide roll out June 2019


Boston University
School of Medicine


PosterMyWall.com

Announcements

Faculty Development Seminars

Using Your Time Wisely to Achieve Your Career Goals: Strategically saying yes and no

- Josee Dupuis
- October 3rd from 12-1pm in Yawkey Basement
Conference Room A/B

How to Not Be Afraid to Talk to the Media

- Maria Ober
- October 11th from 12-1pm in Yawkey Basement
Conference Room A/B

Advocacy 101

- Megan Sandel and Robyn Cohen
- October 23rd from 12-1pm in Wilkins

How to Get Promoted & CV Review

- Members of the BUSM Faculty Appointments &
Promotions Committee
- November 29th from 12-1:30pm in BUSM L-311

Bibliometrics: Measuring your scholarly output and impact

- David Flynn
- December 4th from 12-1pm in Wilkins

Announcements

DOM Networking Dinners

Under-Represented Minorities & Allies' Dinner (with post docs, residents & fellows)

–November 7th from 6:30 to 8:30

Women's Dinner (faculty, post docs, residents, fellows)

–November 28th from 6:30 to 8:30

Enjoy **good food** and **meaningful discussion** with your DOM colleagues.

–Emelia Benjamin's home in Brookline

–RSVP to Robina Bhasin at rbhasin@bu.edu

Upcoming Grant Deadlines

Faculty Development & Diversity Grants

–Open to ALL DOM FACULTY at all levels seeking to further their professional development

–Next deadline is October 1st

–<http://www.bumc.bu.edu/facdev-medicine/grants/>

Appointments & Promotions

Arthur Theodore, MD promoted to Clinical Professor, Pulmonary

Sandra Looby-Gordon, MD promoted to Clinical Associate Professor, GIM

Martin Joyce-Brady, MD promoted to Clinical Professor, Pulmonary

Karen Lasser, MD, MPH promoted to Professor, GIM

Matt Kulke, MD appointed as Professor, Hematology/Oncology

Valerie Gouon-Evans, PhD appointed as Associate Professor,
Gastroenterology

Robina Bhasin appointed as Assistant Professor, GIM

Teresa Cheng, MD appointed as Instructor, GIM

Benjamin Vaughan, MD appointed as Instructor, GIM

Rachel Strykowski, MD appointed as Instructor, GIM

Perla Macip Rodriguez, MD appointed as Assistant Professor, GIM

Yulia Mints, MD appointed as Instructor, GIM

Sarah Mazzilli, PhD appointed as Assistant Professor, Computational
Biomedicine

Brian Lilleness, MD appointed as Instructor, GIM

Theodoros Karantanos, MD, PhD appointed as Instructor, GIM

Nicole Herbst, MD appointed as Instructor, GIM

Max Brock, MD appointed as Instructor, GIM

Josh Barocas, MD appointed as Assistant Professor, ID

Gregory Baker, MD appointed as Assistant Professor, GIM

Linda Armstrong, NP appointed as Instructor, Hematology/Oncology



Do you have an exciting announcement or something to celebrate that you would like included in the Department of Medicine quarterly newsletter?

Send your submissions to Jen Visconti:
Jennifer.visconti@bmc.org to be included in our winter issue, which is slated to be distributed this January.