Colleagues,

The Department of Medicine has continued the wonderful tradition started by Dr. Norman Levinsky of celebrating discovery, mentorship, and departmental community through Evans Days every autumn. The Evans Days celebration from a few weeks ago is described in this edition of the departmental electronic newsletter. The overwhelming passion, excitement, and curiosity of our department’s research community during Evans Days, particularly among our students and trainees, are a great source of pride and inspiration for our department. In addition to Evans Days, this edition of the newsletter describes two new and very exciting centers - Center for Implementation and Improvement Science (CIIS) and the Center for Translational Epidemiology and Comparative Effectiveness Research. We are fortunate to have dynamic and expert leaders of these new centers. Drs. Allan Walkey and Mari-Lynn Drainoni will direct the CIIS and Dr. Bindu Kalesan will direct the Center for Translational Epidemiology and Comparative Effectiveness Research.

I hope you enjoy this edition of the electronic newsletter.

David Coleman, M.D.
The Evans Department of Medicine would like to thank everyone who participated in the two-day Evans Department of Medicine Research Days. We are pleased to announce that 132 abstracts were submitted and presented at the poster session.

The two-day event featured Distinguished Clinical and Basic Lectures (Dr. David Johnson, MD, MACP, FASCO, Ingelfinger Visiting Professor and Dr. Jennifer Lippincott-Schwartz, PhD, Wilkins Visiting Professor), which serve as touchstones of the excellence to which we all aspire.

The poster and oral presentations of ongoing research demonstrate our vigorous present and promising future. There was a buzz in the Hiebert Lounge and the excitement and enthusiasm were contagious! A passion for research and individuals excited to share knowledge permeated the event.
Congratulations to all award recipients!

The 2015 Awards Dinner was held at the Colonnade Hotel, where students and faculty were recognized for their achievements.

Evans Center Research Collaborator Award
   Dr. Bela Suki

Evans Center Research Collaborator Award (Biochemistry)
   Dr. Kostya Kandror

Evans Center Research Collaborator Award (Biochemistry)
   Dr. Carmela Abraham

Department of Medicine Clinical Excellence Award
   Dr. Thomas Barber

Department of Medicine Special Recognition Teaching Award
   Dr. Frank Schembri

Department of Medicine Research Mentoring Award
   Dr. Richard Cohen

Department of Medicine Junior Faculty Award
   Dr. Jared Magani

Department of Medicine Citizenship Award
   Dr. Sheila Chapman

Clinical Quality Improvement Team Award
Dr. James Murphy, Dr. Kevin J. Horbowica, Avital Rech RN, Dr. Jason Mordino, Maryam El Kherba MPH, Dr. Jason Ackrivo, Eduarda Fernandes RN, Janet Eagan RN, Alfea Blanchard RN, Bonghee Dalins RN, Charles O’Donnell RRT, Daniel Gavin RRT, and Julie Silva RRT.
Congratulations to all award recipients!

First Place Basic Poster Winner
Francisco Molina Estevez, CREM/Hem-Onc

Second Place Basic Poster Winner
Richard Pickering, Endocrinology

Third Place Basic Poster Winner
Elizabeth Moses, Computational Biomedicine

Fourth Place Basic Poster Winner
Sarah Mazzilli, Computational Biomedicine

First Place Clinical Poster Winner
Joseph Perez-Rogers, Computational Biomedicine

Second Place Clinical Poster Winner
Mara Murray Horwitz, General Internal Medicine

Third Place Clinical Poster Winner
Anuj Mehta, Pulmonary

Fourth Place Clinical Poster Winner
Lisa Rice, Rheumatology

Most Abstracts Submitted – Tied
Computational Biomedicine and General Internal Medicine
We have been fortunate to capture the essence of this wonderful event. Please click on the link to view the photographs from the 2015 Poster Session and Awards Dinner, http://jakphoto.com/8007V2/.

If you were not able to participate, we look forward to seeing you next year!

If you have suggestions for improvements for next year, please send them to Laura Williams, Willlb@bu.edu.
Congratulations to the Evans Junior Faculty Research Merit Award Recipients

Dr. Karen Jacobson  
Section of Infectious Diseases

Dr. Laertis Oikonomou  
Section of Pulmonary/Critical Care Medicine and Center for Regenerative Medicine
The CIIS will be a **methodological hub** for the scientific evaluation of efforts to improve healthcare delivery (Figure) that will integrate key components of implementation and improvement sciences with a focus on care within safety net systems, especially including Boston Medical Center.

**What are Implementation and Improvement Sciences?**

- Implementation science seeks to understand the process of evidence uptake into clinical practice. Did people perform the new endeavor? Why or why not?
- Improvement science seeks to rigorously measure outcomes of efforts to improve healthcare delivery. Did the new endeavor measurably improve desirable outcomes?

Combining Implementation and Improvement Sciences will allow CIIS to assist in the development and rigorous evaluation of endeavors that seek to **improve the quality of healthcare**, particularly related to care for the underserved. CIIS will serve as a conduit to the free flow of ideas between clinicians, administrators, and health services researchers in the BU community and beyond to facilitate improvement in care that not only measures internal program adherence, but also produces inferential and generalizable evaluations of healthcare delivery.
Specific objectives of CIIS are to:
1. **Guide**, support, and **innovate** design of projects that rigorously evaluate the effectiveness of efforts to implement healthcare system change.
2. **Identify** factors and strategies that **accelerate** the adoption and **promote sustainability** of effective healthcare interventions in in safety net systems.
3. **Educate** faculty and trainees in Implementation and Improvement Sciences.

Want to learn more, participate, or contribute?

Contact::

**Director, Implementation Sciences:**
Mari-Lynn Drainoni, PhD, MEd, drainoni@bu.edu

**Director, Improvement Sciences:**
Allan J. Walkey, MD, MSc, alwalkey@bu.edu
TEC is sustainable, collaborative and diverse research center that maximizes research competencies through innovation, education and superior data quality.

TEC provides research data, infrastructure, methodological expertise and statistical support to clinicians and researchers committed to translational epidemiology and comparative effectiveness research.

TEC eliminates the main three data hurdles for conducting research. We help collaborators to find, access and use research data. By providing open data sources under the umbrella of open science, TEC assists research collaborators to assess real world outcomes. Use of BIG data may result in large sample size of specific sub-groups and allowing comparative effectiveness research to yield precisely tailored results. TEC will allow access to large data under the three research pillars and help in pooling and merging of various data sources. Methodological and statistical expertise will be provided for longitudinal studies, clinical trials, evidence synthesis and surveys. TEC will also serve as an academic research partner between BU researchers and industry partners.
Center for Translational Epidemiology and Comparative Effectiveness Research

Specific objectives of TEC are to:
- **Find** research data sources to design projects to evaluate real world outcomes.
- Provide **Access** to primary and secondary data appropriate for addressing specific research hypothesis.
- Provide methodological and statistical expertise to **Use** the research data.

**Want to learn more, participate, or contribute? Contact:**
TEC email: etecer@bu.edu
Director: Bindu Kalesan, PhD, MPH, kalesan@bu.edu: 617-638-9091

Bindu Kalesan, Director

Preventive Medicine and Epidemiology Faculty

Vasan Ramachandran  Vanesa Xanthakis  Lynn Moore  Devin Mann
Please save the date as we invite you to join us for the installation of David J. Salant, M.D. as the Norman G. Levinsky, M.D. Professor in Nephrology

Date: Thursday, January 7, 2016 | Time: 5-6:30 p.m.
Location: 670 Albany Street, 1st Floor Auditorium, Boston University School of Medicine Campus

Installation ceremony with a reception to follow

For details and RSVP information | Email busmdev@bu.edu or call 617-638-4570