Happy New Year! As we welcome in 2019, let’s take a look back onto the highlights of 2018. A lot has changed at the Pulmonary Center within the last year: new faces, publications, grants, and plenty of fun and exciting events. I am certain that the hard work of 2018 will be reflected in the New Year. Cheers to 2019!

Table of Contents:

New Faces of 2018.................................................................2

New Grants starting in 2018.................................................10

2018 News & Events............................................................15

Exciting Events.................................................................22

Awards & Accomplishments..............................................23

2019 Events.......................................................................32

Publications.......................................................................33
New Faces of 2018:

Lillia Baird  
Research Assistant, Quinton Lab  
Mount Holyoke College

Mary Lou Beerman  
Lab Manager, Hawkins Lab  
Boston University

Claire Burgess  
Ph.D. Student, Kotton Lab
Markus Bosmann, M.D.
Assistant Professor of Medicine
Graduate School: Johann Wolfgang Goethe-University, Frankfurt a. M., Germany
Fellowship: University of Michigan, Ann Arbor, MI (Peter A. Ward, Department of Pathology)

Ernest Dimbo
Research Assistant, Traber Lab
Boston University

Jessica Gereige, M.D.
Allergy and Immunology Fellow
Massachusetts General Hospital
Michael Groot  
Research Technician, Jin Lab  
Amherst College, Currently getting his Masters at Boston University

Xue He  
Ph.D. Student/Visiting Scholar, Jin Lab  
The Second Xiangya Hospital of Central South University

Hailey Heston  
Mouse Technician, Rock Lab  
Wesleyan University
Jessie Huang, Ph.D.
Postdoctoral Fellow, Kotton Lab
Johns Hopkins University

Filiz Korkmaz, Ph.D.
Postdoctoral Fellow, Quinton Lab
University of Vermont

Nora Lee,
Lab Manager, Wilson Lab
Former teacher at Phillips Academy
Carolina Lyon De Ana  
Ph.D. Student, Mizgerd Lab  
Boston University

Elim Na  
Ph.D. student, Quinton Lab  
Tufts University

Jason Noon, Ph.D.  
Postdoctoral Fellow, Bosmann Lab  
University of Massachusetts Medical School
Bibek Thapa  
Ph.D. Student, Rock Lab  
Brigham and Women’s Hospital

Rhiannon Werder, Ph.D.  
Postdoctoral Fellow, Wilson Lab  
University of Queensland, Australia

Ruby Wang, M.D.  
Postdoctoral Fellow, Kotton Lab  
Boston Children’s Hospital
Michelle Zeng
Research Assistant, Jones Lab
Boston University School of Medicine

1st Year Pulmonary Center Fellows
From Left to Right:
Robert Smyth, M.D.
Justin Rucci, M.D.
Sheng Si, M.D.
Eduardo Nunez, M.D.
Michael Garcia, M.D.
Jin Yuan, M.D.
New Grants Starting in 2018

Kimberly Barker
F31 HL142199
Lung Memory B Cell Contributions to Heterotypic Anti-Pneumococcal Immunity

Markus Bosmann, M.D.
NIH R01 HL139641
New Genetic Models for C5a Receptors

NIH R01 HL141513
Role Reversal of MAVS in bacterial sepsis
Alan Fine, M.D.
Co-PI with Matthew Jones, Ph.D.
NH R01HL36725 Origins and Functional Roles of Miwi2-positive Multicillated Cells During Inflammation

Yang Jin, M.D.
NIH R01 GM127596
Mechanistic Insights of Inflammation and Organ Failure after Trauma or Critical Illness

Joseph Kaserman, M.D.
The First John W. Walsh Translational Research Award from the Alpha 1 Foundation
Matthew Jones, Ph.D.
Co-PI with Alan Fine, M.D.
NH R01HL36725 Origins and Functional Roles of Miwi2-positive Multiciliated Cells During Inflammation

George O’Connor, M.D.
NIH R01 HL135142
Subcontract with BWH, Hunninghake PI
Genetic and Genomic Characterization of the Occurrence and Progression of Interstitial Lung Abnormalities

New 5 Year Segment of Initial AoU Award: OT2 OD024612
BMC Subcontract with MGH, Smoller PI
A New England Enrollment Center for the PMI Cohort Center (All of Us Research Program)

A New 5 Year Segment of Initial ECHO Award: UG3 OD023268
Subcontract with BWH, Weiss and Litonjua PI
Multi-omic Approaches to Mechanisms of Vitamin D, Environmental Influences, and the Microbiome on Asthma (ECHO)

A New 5 Year Segment of Initial CREW Award: UH3 OD023282
Subcontract with University of WI, Gern PI
Children’s Respiratory and Environmental Workgroup (CREW)
Avrum Spira, M.D.

Intercept Lung Cancer through Immune, Imaging & Molecular Evaluation- InTIME
American Association for Cancer Research

The Lung PCA: A Multi-Dimensional Atlas of Pulmonary Premalignancy
NIH/NCL

Katrina Traber, M.D.

CTSI pilot grant “Neutrophil Heterogeneity in Pneumonia.”

Allan Walkey, M.D.

R01 HL139751
Targeting Cardiovascular Events to Improve Patient Outcomes After Sepsis.
Duo Zhang, Ph.D.

NIH K99HL141685
Lincenc1 Regulates the Lipopolysaccharide-induced Inflammatory Response in Macrophages
2018 Events

A look back on some of the fun events of 2018, including Evan’s Day, ATS Community Summet, the Sue Kim Hanson Memorial Lecture, the Jerry Brody Memorial Lecture, birthday party celebrations, half marathons, the Pulmonary Holiday Party and more!
Congratulations to Andrew Berical on the birth of his baby boy, John Christopher Berical in October 2018!
Awards and Accomplishments

Kostas Alysandratos, M.D.
First Place Basic Science Award at MPS 2018

Kimberly Barker
Second place in the basic research poster category at Evan's Day
Samuel Belok, M.D.
First prize in the "L. Jack Faling Best Case Session" at the 73rd Annual Meeting of the Massachusetts Pulmonary Section of the American Lung Association

Andrew Berical, M.D.
First Place Basic Research Award in the 2018 Evans Department of Medicine Research Day
Poster prize at FASEB (Federation of American Societies for Experimental Biology) - Lung Epithelium
David Hamer
Professor Chifumbe Chintu International Senior Researcher Award from the National Health Research Authority, Ministry of Health Zambia awarded at Zambia’s 8th Health Research Conference

Selected to serve as Co-chair of the International Members Committee, American Society of Tropical Medicine and Hygiene

Finn Hawkins, M.D.
Teaching Award at the BU IM Residents Senior Graduation
Yang Jin, M.D.
2018 Wing Tat Lee Award

Matt Jones, Ph.D.
Promotion to Associate Professor of Medicine
Liz Klings, M.D.
Research Mentor of the Year at the BU IM Residents Senior Graduation

Darrell Kotton, M.D.
BU Faculty Award
ATS Recognition Award for Scientific Accomplishments

_Justin Liu, M.D._

Elected for a 2-year term as a Fellow-in-Training member for the Trainee Work Group of the American College of Chest Physicians

Elected for a 1-year term as a Fellow-in-Training member for the Interprofessional Team NetWork Steering Committee of the American College of Chest Physicians
Chris Reardon, M.D.
Joel Caslowitz Teaching Award at BU IM Residents Senior Graduation

Anukul Shenoy, Ph.D.
Second in the short presentation basic research category at Evan’s Day
Kevin Wilson, M.D.
Promotion to Professor of Medicine

Alicia Wooten
ATS Abstract Award
Congratulations to those named 2019 Top Docs from Boston Magazine, including Drs. John Berk, Jeff Berman, John Bernardo, Kevan Hartshorn, Helen Hollingsworth, Liz Klings, Fred Little, George O’Connor, Steve Pelton, and Art Theodore!
2019 Events

2019 Jerome S. Brody, M.D. Lecture:
Judith Campisi, Ph.D.
Professor, The Buck Institute for Research on Aging
Senior Scientist, Lawrence Berkeley National Laboratory
“Cellular Senescence the Lung and Aging: The Jerry Brody Connection.”
February 8th, 2019
Room L110

2019 Dr. Mary Williams Lecture in Cell Biology:
Avrum Spira, M.D.
Professor of Medicine, Pathology, & Bioinformatics
Director, Boston University – Boston Medical Center Cancer Center
Chief, Division of Computational Biomedicine
Title: TBD
May, 31st, 2019

2019 Gordon L. Snider, M.D. Memorial Lecture:
Timothy Blackwell, M.D.
Ralph and Lulu Owen Professor of Medicine
Professor of Cell and Developmental Biology
Professor of Cancer Biology
Director, Division of Allergy, Pulmonary and Critical Care
Title: TBD
June 7th, 2019

2019 Sue Kim Hanson Lecture in Immunology:
Anne Sperling, Ph.D.
Professor, Department of Medicine - Section of Pulmonary and Critical Care, Cancer Research Center, Committee on Immunology, Committee on Molecular Medicine/MPMM
Faculty Director, Immunological Applications Core Facility


Bosch NA, Cimini J, Walkey AJ. Atrial Fibrillation in the ICU. Chest. 2018 Apr 06. PMID: 29627355.


