


**Hasmeena Kathuria, M.D., ATSF**  
Pulmonary Center, Boston University School of Medicine

  
<http://www.bumc.bu.edu/pulmonary/people/faculty/hasmeenakathuria/>  
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**EDUCATION AND TRAINING**

**ACADEMIC TRAINING**

- 1992 B.A. Northwestern University, Evanston, IL  
1996 M.D. Stritch School of Medicine, Loyola University, Maywood, IL

**POSTDOCTORAL TRAINING**

- 1996-1999 Resident in Internal Medicine, Indiana University, Indianapolis, IN  
1999-2000 Chief Resident in Internal Medicine, Indiana University, Indianapolis, IN  
2000-2004 Fellow in Pulmonary and Critical Care, Boston University Medical Center, Boston, MA

**LEADERSHIP AND DIVERSITY, EQUITY, AND INCLUSION TRAINING**

- 2018-19 Awardee, Mid-Career Faculty Leadership Program, Dept of Medicine, BU School of Medicine  
- Yearlong leadership development program  
2019 BRIM (Bias Reduction in Internal Medicine) implementer; training through “Breaking the Bias Habit®: BRIM,” a web-based course to train workshop presenters (NIH grant R35 GM122557)  
2022 Lift Training for Clinician Leaders to integrate equity, vitality, and inclusion into daily interactions  
2022 ATS Leadership Summit, Leading Teams through Change  
2022 Awardee, AAMC Mid-Career Women in Medicine Leadership Development Seminar

**ACADEMIC APPOINTMENTS**

- 2004-2006 Clinical Instructor, Pulmonary Center, Boston University School of Medicine, Boston, MA  
2006-2019 Assistant Professor of Medicine, Pulmonary Center, Boston University School of Medicine, Boston, MA  
2017-pres Evans Center for Implementation & Improvement Sciences (CIIS)-Affiliated Faculty Member, Department of Medicine, Boston University School of Medicine, Boston, MA  
2019-pres Associate Professor of Medicine, Pulmonary Center, Boston University School of Medicine, Boston, MA

**HOSPITAL APPOINTMENTS**

- 2004-2015 Attending Physician, Center for Thoracic Oncology and Multidisciplinary Nodule Clinic, Boston Medical Center, Boston, MA  
2004-pres Attending Physician, Pulmonary, Critical Care, and Sleep Medicine, Boston Medical Center, Boston, MA  
2004-pres Attending Physician, Pulmonary Medicine, East Boston Neighborhood Health Center, East Boston, MA

**ADMINISTRATIVE APPOINTMENTS**

- 2014-pres Director, Pulmonary Sleep Medicine Program
- 2014-2016 Director of Clinical Programs: BMC Lung Cancer Screening and Pulmonary Nodule Evaluation
- 2015-pres Founding Director, Outpatient Tobacco Dependence Treatment Center
- 2016-pres Founding Director, Inpatient Tobacco Dependence Treatment Center

**NEW PROGRAM DEVELOPMENT: BMC TOBACCO TREATMENT CENTER**

Clinical Innovation	Impact
<p>Founding Director, BMC Tobacco Treatment Center</p>	<p>2015: Established an outpatient tobacco treatment program bringing together a multidisciplinary team of health professionals who specialize in helping individuals stop tobacco use</p> <p>2016: Established an inpatient proactive tobacco treatment program (&gt; 1200 patients/year) designed to deliver tobacco treatment to hospitalized individuals who use tobacco products, regardless of motivation to quit</p> <p>2016: Developed a research and quality improvement program to improve tobacco dependence treatment in hospitalized individuals who use tobacco products</p> <p>2016: Received Clinical Innovator Award, Evans Foundation, BUSM for tobacco program development</p> <p>2016: Received grant funding from the Evans Center for Implementation and Improvement Science to study outcomes related to implementing the program</p> <p>2017: Led hospital to meet DSTI (\$4 million), MassHealth (&gt;\$500,000) and Joint Commissions metrics while improving patient outcomes</p> <p>2018: Received funding from the hospital to pilot test a community health worker program to address tobacco dependence, social determinants, and lung health in hospitalized individuals who smoke cigarettes</p> <p>2018: Selected (through American College of Chest Physicians) to chair and develop a national clinical guideline on implementing inpatient tobacco treatment services</p> <p>2019: Led hospital efforts to coordinate management of vaping-induced lung illness</p> <p>2020: Led hospital efforts to document e-cigarettes/vaping products use in EHR</p> <p>2021: Member of multi-disciplinary team to promote learning collaborative for accurate documentation of EHR smoking history</p>

**LICENSES AND CERTIFICATION**

- 1999-2019 American Board of Internal Medicine
- 2000 Medical License (204997), Massachusetts
- 2002-pres American Board of Internal Medicine-Subspecialty Certification in Pulmonary Disease
- 2003-pres American Board of Internal Medicine-Subspecialty Certification in Critical Care Medicine
- 2011-pres American Board of Internal Medicine-Subspecialty Certification in Sleep Medicine
- 2017 National Certification in Tobacco Treatment Practice

## HONORS AND AWARDS

### NATIONAL

#### Clinical Recognition

2018-pres Fellow Status, American Thoracic Society (ATSF)

#### Selected for National Committee Leadership Positions

2019-pres Vice-Chair, Tobacco Action Committee, American Thoracic Society (ATS)

2020-pres Co-Chair, American Thoracic Society (ATS) Tobacco Task Force

2020-2022 Vice-Chair, American Thoracic Society (ATS) Assembly of Thoracic Oncology, Planning Committee

2021-pres Member, ATS Executive Leadership Committee

2021-pres Chair, ATS Thoracic Oncology Assembly Planning Committee

2022-pres Chair, Tobacco Action Committee, American Thoracic Society (ATS)

#### Research Recognition

2011 American Thoracic Society (ATS) Thoracic Oncology Assembly Research Excellence Award

2018 Mentor, American Thoracic Society (ATS) Trainee Abstract Scholarship Award (Herbst)

### REGIONAL

1999-2000 Chief Resident, Indiana University

2010 INDIA New England's Woman of the Year Finalist; One of 20 South Asian woman in New England honored for achievements in both social and work arenas.

2017 Community Outreach Lung Cancer Screening program, BEST PRACTICE nominee

### INSTITUTIONAL

#### Clinical Recognition

2013 Jack Faling Award for Excellence in Teaching, The Pulmonary Center, BUSM  
- Awarded to one pulmonary faculty member yearly for their dedication and excellence to teaching pulmonary fellows

2016 Clinical Innovator Award, Evans Foundation, BUSM  
- Inaugural award for development of tobacco treatment program  
- Awarded to one faculty member yearly for a clinical innovation leading to improved outcomes

2016 Clinical Quality Improvement Award, Lung Cancer Screening, BMC

2017 Be Exceptional Award in Performance and Commitment to BMC Care, BMC  
-Awarded for advancing Boston Medical Center's core values and priority goals based on performance, initiative, and teamwork.

2019 Alan Fine Award for Unique Contributions and Creativity to the Pulmonary Section, Faculty, and Trainees, The Pulmonary Section, BUSM  
-Inaugural award for contributions to the section

2019-pres Evans Clinician Designation title, Evans Foundation, BUSM  
-Designation award to honor clinical role models and recognize clinicians who possess clinical skills, attributes and professionalism that define excellence

Research awards

- 2016 Mentor, First Place Quality Improvement Project (Internal Medicine residents and MPH students), Quality improvement project on resident barriers to smoking cessation counseling, Department of Medicine, BUSM
- 2017 Innovative Quality & Patient Safety Education/Curricula Award: Mindfulness Based Smoking Cessation Program for Patients with Cancer, Boston Medical Center (BMC)
- 2018 Mentor, First Place Quality Improvement Project (Bhavana Seth), Quality improvement project on barriers to smoking cessation experienced by patients with substance use disorders, Department of Medicine, BUSM
- 2020 Mentor, Runner-up, Serchuck Award for Outstanding Research Posters (Mohsin Dahodwala), Informing the Development and Implementation of a Community Health Worker Intervention to Reduce COPD Readmissions, The 20th annual Medical Student Research Symposium

Citizenship Recognition

- 2016 Peer Supporter, Peer Connection Program, voted member by Boston University colleagues
- 2016 Department of Medicine recognition for patient experience and gratification, BUSM
- 2019 Department of Medicine recognition for patient experience and gratification, BUSM
- 2022 Boston Medical Center recognition for exemplary patient care through patient survey data

Other

- 2015 Faculty Development and Diversity Grant, Department of Medicine, Boston University School of Medicine (BUSM) to obtain tobacco treatment certification
- 2022 Faculty Development and Diversity Grant, Department of Medicine, Boston University School of Medicine to attend AAMC Mid-Career Women in Medicine Leadership Development Seminar

**SERVICE ON COMMITTEES**

**PROFESSIONAL SOCIETIES AND NATIONAL COMMITTEES**

American Thoracic Society (2001-pres)

- 2014-pres Member, Thoracic Oncology Assembly
- 2014-2016 Nominated Program Committee Member, Thoracic Oncology Assembly
- Along with 15 other committee members, planned and programmed the Thoracic Oncology's sessions for the International Conference
- 2016 Chair, ATS Committee: Research Policy Statement Development
- Chair, research policy statement on tobacco treatment in lung cancer screening programs
- 2016-pres Member, American Thoracic Society Tobacco Action Committee (Chair, 2022-pres)
- One of 15 members appointed by the ATS president to organize and coordinate the ATS tobacco control and tobacco treatment activities.
- 2017-pres Nominated Planning Committee Member (Chair, 2022-pres)
- One of 15 members responsible for developing a comprehensive program that outlines the short- and long-term goals and objectives of the Thoracic Oncology Assembly
- 2017-2020 Member, Tobacco Dependence Treatment Clinical Practice Guideline Committee
- One of 18 members responsible for an updated clinical guideline on tobacco treatment

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- 2020-2022 Member, Interventions to mitigate health inequities in lung nodule evaluation: A Research Statement, American Thoracic Society
- Co-lead on project to develop an ATS policy statement on gaps and research agenda to mitigate health inequities in nodule evaluation.
- 2022 Member, ATS International Health Forum (IHC)

American College of Chest Physicians (2015-pres)

- 2021-pres Chair, Committee: Clinical Expert Panel Report Development on Inpatient Tobacco Treatment
- 2021-pres Member, Tobacco Workgroup for American College of Chest Physicians (ACCP) Health Policy and Advocacy Committee (HPAC)
- 2022-pres Member, Committee: Clinical Expert Panel Report Development on Patient-Specific Treatment of Tobacco and Nicotine Dependence in Adults

Society for Research on Nicotine and Tobacco (2015-pres)

- 2020-pres Member, SRNT Treatment Network

American Cancer Society (2017-pres)

- 2017-pres Nominated member, Steering Committee, Tobacco Cessation Task Group, National Lung Cancer Round Table (NLCRT), American Cancer Society
- 2018-pres Member, American Cancer Society sub-committee: National Gap Analysis: Readiness, Capacity and Barriers to Integrating Tobacco Treatment in Lung Cancer Screening Sites
- 2022-pres Member, Multidisciplinary advisory group on how to increase lung cancer screening in practice

**REGIONAL COMMITTEES**

- 2020-pres Member, Substance Prevention Alliance of Needham (SPAN) Vaping Task Force, Needham MA
- 2021-pres Community partner, American Lung Cancer Screening Initiative, Boston University Chapter
- 2021-pres Member, Massachusetts Collaborative for Tobacco Recovery (MCTR)\*
- 2021-pres Member, Tobacco Free Mass Advocacy Committee\*
- 2021-pres Member, Tobacco Free Mass Coalition\*
- 2022-pres Member, Massachusetts Comprehensive Cancer Coalition (MCCC) Health Equity Committee\*

\*Goal of coalitions and committees are to disseminate and implement recommendations that lessen the burden of tobacco use in socially disadvantaged populations

**DEPARTMENTAL, UNIVERSITY, AND HOSPITAL COMMITTEES**

Medical School Committees

- 2017-pres Member, Stimulating Access to Research in Residency (STaRR) program
- 2018- pres Member, Internal Leadership Committee, NHLBI T35 Training grant
- 2019-pres Advisory Committee, Med Student Summer Research Grant (MMSRP), NHLBI T35 Training grant
- 2020-pres Member, Early Medical School Selection Program (EMSSP) Admissions Committee
- 2020-2021 Member, Nutrition, Metabolism, and Lifestyle Vertical Integration Group (builds proposals in nutrition, physical activity, mindset, resilience, behavior change, and sleep for BUSM curriculum)

Fellowship Committees

- 2004-pres Member, Pulmonary-Critical Care Fellowship Selection Committee, BMC

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2018-2019 Member, Education-Conference Improvement Committee  
2021- pres Member, Pulmonary Career Development Executive Committee  
2021-pres Member, T32 Trainee support committee

Departmental/University Committees

2016-pres Member, Boston University Women's Guild  
2017-2018 Member, Tobacco Sciences Pre-ARC, BUMC  
2018-2021 Member, Tobacco Sciences ARC, BUMC  
2018-pres Member, Mobile Health ARC, BUMC  
2020-2021 Member, Covid-19 Best Practices Working Group, BUMC

Hospital Committees

2014-pres Chair, Outreach Subcommittee, Steering Committee, BMC Lung Cancer Screening Program  
2014-pres Member, BMC Lung Cancer Screening Steering Committee  
2015-pres Member, BMC Cancer Program (full accreditation 2016)  
2016-pres Member, BMC Cancer Center  
2016-2019 Intern Coach, BMC Professional Development Coaching Program  
2017-2019 Resident Coach, BMC Professional Development Coaching Program  
2018-2019 Member, Faculty Burnout and Wellness Committee, Mid-faculty Leadership  
2021- pres Learning Collaborative Committee for EHR optimization of tobacco fields

**TEACHING EXPERIENCE AND RESPONSIBILITIES**

**CLINICAL TEACHING**

2004-pres Precept residents and fellows in outpatient clinic and in the ICU  
2005-2017 Precept first year pulmonary fellows for their weekly grand rounds presentations  
2013-pres Primary Sleep Clinic Mentor for Pulmonary Fellows and medical residents  
2015-16 Primary Mentor for 4th Year Pulmonary Fellow, Nodule Assessment  
2016 Primary Clinic Mentor, Preventive Medicine Fellows in Tobacco Treatment Program  
2016-2019 Intern and Resident Coach, Professional Development Coaching Program  
2019-2020 Mentor for Implementation of Multi-Disciplinary Team Focused on Providing Comprehensive Care for Patients Suffering from Vaping-Related Illness

**MENTORING ACTIVITIES**

<b>NAME</b>	<b>DATE</b>	<b>TRAINING POSITION</b>	<b>Project</b>	<b>CURRENT POSITION AND OUTCOMES</b>
Karin Sloan	2006-08	Pulmonary Fellow	Molecular Regulation of Caveolin-1 in lung cancer metastasis	Academic Faculty at South Shore Hospital 2009: Publication in <i>Carcinogenesis</i>

Hector Martinez	2009	Medical Resident	Role of ETS proteins in lung tumorigenesis	Faculty at Boston University 2009: Publication in <i>Carcinogenesis</i>
Lakshman Swamy	2015-2017	Medical Resident	Identifying Clinician Barriers to Improving Smoking Cessation Integration	Medical Director MassHealth 2016: ATS abstract and poster discussion 2021: Publication in <i>Implementation Research and Practice</i>
Celina Duran	6/16-9/16	Medical Student	Summer Training as Research Scholars (STaRS program); Meta-analysis on smoking cessation in lung cancer screening	Radiology resident, Brown University 2016 Mass Medical Society poster symposium 2019: Publication in <i>Prev Med</i>
Nicole Herbst	7/16-6/19	Medical Resident Chief Medical Resident	Inpatient Smoking Cessation Research Program	Academic faculty at Emory 2017/2018: ATS abstract 2018 Received ATS Trainee Abstract Scholarship Award 2019: Publications in <i>J Addict Med, ATS Annals, Addict Behav, Chest, Implementation Research and Practice</i>
Ryan Siebert	12/16-7/17	Preventive Medicine Fellow	Qualitative Research: Barriers to quitting smoking in patients with substance use disorder	Academic Faculty position at Lahey Health 2019: Publications in <i>J Addict Med, Addict Behav</i>
Bhavna Seth	10/16-6/18	Medical Resident	Qualitative Research: Physician Barriers: Inpatient Smoking Cessation Service	Pulmonary Fellow at John Hopkins 10/2017 Chest Abstract and Poster presentation 5/2018: ATS poster discussion 2019: Publication in <i>ATS Annals</i>
Vinson Cobb	6/17-7/21	Medical student	Summer Training as Research Scholars (STaRS program); mixed methods study in patients with substance use disorder who smoke	BU Medical student 10/2017 BU Evans Day Presentation 2019: Publications in <i>J Addict Med, Addict Behav</i>

Kristopher Clark	9/17-6/18	Medical Resident	Qualitative study: Physician Barriers Inpatient Smoking Cessation Program	University of Pittsburgh Pulmonary Fellow 10/2017 Chest Abstract 2019: Publication in <i>ATS Annals</i>
Deborah Kim	10/17-6/18	Pulmonary Fellow	RCT, uptake of lung cancer screening and smoking cessation during hospitalization	Academic Faculty Position at Robert Wood Johnson University Hospital 5/2018: ATS poster discussion
Reha Jhunhunwala	12/17-6/18	Student, Masters in Clinical Investigation	Evaluating smoking outcomes in patients with mental health disease	Operations Manager, VideHealth 2018: Abstract American Public Health Association 2019: Publication in <i>Addict Behav</i>
Eric Helm	7/16-6/19	Pre-medical student	Evaluating smoking outcomes in patients with substance use disorders	OB/GYN resident, University of Colorado 2018 Abstract American Public Health Association 2019: Publications in <i>J Addict Med, ATS Annals, Addict Behav, Chest</i>
Matt Spring	7/17-6/19	Medical Resident	LDCT and smoking cessation during hospitalization	BU Pulmonary Fellow 2019: ATS abstract and poster discussion 2022: Publication in <i>Cancer Causes Control</i>
Lauren Kearney	7/17-6/21	Medical Resident BU Chief Resident	Addressing factors Associated with 30-day readmits in patients with COPD	BU Pulmonary Fellow 2019/2020: ATS Abstract 2022: Publication in <i>BMC Pulmonary Medicine</i>
Divya Shankar	7/17-6/21	Medical Resident	Addressing Barriers to Quitting Cigarettes in Patients with opioid use disorder	BU Pulmonary Fellow 2019/2020: ATS Abstract 2021/2022: Publication in <i>BMC Public Health, JMIR</i>
Julia Newman	5/19-6/21	Medical Resident	Tobacco Treatment in outpatient SUD clinics	BU Pulmonary Fellow 2020: ATS abstract and poster discussion 2021: Publication in <i>BMC Public Health</i>



Mohsin Dahodwala	5/19-6/21	Medical student	MSSRP program; Assessing unmet social needs in patients with COPD	BU Medical Student 2020: ATS Abstract 2022: Publication in <i>BMC Pulmonary Medicine</i>
Jennifer Maccarone	9/19-6/20	Medical Resident	Characterizing menthol use in hospitalized patients	BU Pulmonary Fellow 2020: ATS abstract and poster discussion <i>Manuscript under review</i>
Stephanie Hon	10/19-6/20	Pulmonary Fellow	Assessing sustainability of the Tobacco Treatment Service	Faculty position at Tufts 2020: ATS abstract and poster discussion <i>Manuscript under preparation</i>
Adrian Gunawan	1/20-6/22	Medical student	Evaluating the impact of financial incentives in smoking outcomes	BU Medical Student 2022: Publication in <i>Cancer Causes Control</i>
Anna Booras	1/20-pres	Medical student	Qualitative study: Menthol use perceptions	BU Medical Student <i>Manuscript under review</i>
Sara Aijaz	4/20-6/22	Medical Resident	Qualitative study: lung cancer screening in admitted patients	Brown Pulmonary fellow 2022: Publication in <i>Cancer Causes Control</i>
Sara Shusterman	5/20-pres	Medical Resident	Evaluating the impact of financial incentives in smoking outcomes	BU Pulmonary Fellow <i>Manuscript under review</i>
Adriana Flores	4/22-pres	Medical resident	Assessing Sustainability of the TTC service	BU Medicine Resident 2023: ATS abstract and poster presentation <i>Manuscript in preparation</i>

**CME COURSE DIRECTORSHIP**

- 2016-2017 CME Course Director COPD Program, Boston University School of Medicine, Boston, MA
- 2017-2018 CME Course Director Severe Asthma Program, Boston University School of Medicine, Boston, MA
- 2017-2018 CME Course Director, Rockpointe COPD, Boston University School of Medicine, Boston, MA
- 2018-2019 CME Course Director, Assessment and Management of COPD Patients in Primary Care, Boston University School of Medicine, Boston, MA
- 2019-2020 CME Course Director, Severe Asthma Management: A Targeted, Personalized Approach to Quality Care, Boston University School of Medicine, Boston, MA
- 2020 CME Course Director, Pulmonary Arterial Hypertension, Treatment and Diagnosis, Boston University School of Medicine, Boston, MA

## EDITORIAL AND PEER REVIEW ACTIVITIES

### EDITORIAL BOARD

- 2019-pres Editorial Board for CHEST, Thoracic Oncology-Prevention Section  
2020-pres Section Editor, UpToDate, Tobacco Treatment Section

### CONSULTANCIES

- 2015-pres Medical Reviewer, Healthwise  
2017-2019 Remedy Partners, Coding Reviewer

### AD HOC REVIEWER

- 2015-pres *Addiction Science and Clinical Practice, American Journal of Preventive Medicine, American Journal of Respiratory and Critical Care Medicine, Annals of the American Thoracic Society, Cancer, Carcinogenesis, Chest, Contemporary Clinical Trials, Drug and Alcohol Dependence, Health Policy Open, International Journal of Environmental Research and Public Health, Nicotine & Tobacco Research, Qualitative Health Research, Tobacco-Induced Diseases, Tobacco Use Insights*
- 2018-2020 Grant, Evans Center for Implementation & Improvement Sciences (CIIS) reviewer
- 2018-pres Reviewer, MS Program in Health Services & Systems Research and DrPH
- 2019-2020 Literature Thesis Reader, Master's in Medical Sciences, Wilson Wong "Correlations between sleep disturbances in adolescents and the development of mental health disorders later on in their adult lives"
- 2019-pres Reviewer and member, Summer Training as Research Scholars (STaRS) review committee
- 2019-2020 Literature Thesis Reader, Master's in Medical Sciences, Jane Choe "The Effects of the Use of Electronic Cigarettes in Adolescents"
- 2020-pres Grant, American Lung Association (ALA), Lung Cancer Discovery Award Peer Reviewer
- 2020 Outside Dissertation Reader, Health Services Research Doctoral Program Eric Jones, "Inappropriate use of antibiotics"
- 2020-2021 Literature Thesis Reader, Master's in Medical Sciences, Ervin Irimpan, "Lung Effects of E-cigarettes, dual product use, and combustible cigarettes"
- 2021 Grant, Boston University Clinical and Translational Science Institute (CTSI) reviewer

## RESEARCH ACTIVITIES

The goal of my research is to improve patient outcomes in patients with low socioeconomic status (SES) through implementing patient-centered programs, particularly in patients with tobacco dependence. Specifically, my current work focuses on 1) researching optimal smoking cessation interventions to hospitalized patients, capitalizing on the teachable moments when hospitalized individuals may be more receptive to interventions relating to tobacco dependence, 2) improving tobacco-related disparities in special populations, such as individuals with opioid use disorder and people living with HIV , and 3) improving patient-centered outcomes relating to delivery of effective tobacco treatment interventions in the lung cancer screening setting.

<b>RESEARCH GRANTS (Current, Pending, and Completed within the last 3 years)</b>		
<b>CURRENT</b>		
<b>Title and Funding</b>	<b>Role</b>	<b>Objectives</b>
9/1/2021-8/30/2026 Implementing Effective Pharmacotherapy for Hospitalized Smokers with Cardiopulmonary Disease	NIH R01 Role: PI Subaward Annual Direct Costs: \$499,172	To test in a parallel-group implementation-effectiveness RCT if hospital-based tobacco treatment increases smoking cessation rates and is cost effective.
12/2022-6/2023 Impact of Behavior Modification Interventions and Lung Cancer Screening on Smoking Cessation in People Living with HIV: A Feasibility Study	AIDS Malignancy Consortium (AMC) / NCI Role: Site co-investigator Annual Direct Costs: \$50,000	Determine the feasibility of a smartphone-based HIV-specific behavioral smoking cessation intervention that can be delivered at the time of low-dose CT (LDCT)
01/2017-12/2023 Pneumonia Biology	NIH: R35 Role: Co-investigator Annual Costs: \$5,900,606	To define molecular mechanisms of immune resistance and tissue resilience during bacterial pneumonia
4/20/2020-4/19/2024 Adapt2Quit: A Machine-Learning, Adaptive Motivational System: RCT for Socio-Economically Disadvantaged smokers	Baystate Health and Johns Hopkins University Role: Member, DSMB	Assess whether the Adapt2Quit messages will be more effective than a standard messaging control for smoking cessation among socio-economically disadvantaged individuals who smoke
<b>PENDING</b>		
07/2023 - 06/2028 Digital Tobacco Treatment for Women Living with HIV: Real Life Storytelling as a Counseling Enhancement	NIH R01 Role: Multi-PI Submitted 12/2022	To test in a randomized controlled trial whether an intervention that includes video counseling and incorporates storytelling narrative communication increases smoking quit rates in women living with HIV
09/2023 - 08/2028 Leveraging Community Health Workers to Promote Smoking Cessation Among Individuals with Opioid Use Disorder	NIH R01 Role: Multi-PI Planned submission 02/2023	To test if implementing tobacco treatment through a community health worker intervention in Office-based Addiction Treatment clinics improves smoking cessation rates for patients with opioid use disorder
09/2023 - 08/2028 Integrating Social Determinants of Health With Tobacco Treatment by Text Messaging for Patients with Opioid Use Disorder	NIH UG3/UH3 Role: PI Planned submission 04/2023	To test if a digital intervention that includes tobacco treatment and SDOH screening and services to those with unmet social needs improves smoking cessation in individuals with opioid use disorder

<b>COMPLETED (last 3 years)</b>		
<b>Title and Funding</b>	<b>Role</b>	<b>Objectives</b>
7/1/2020-6/30/2022 Association of Electronic Cigarette Use with Respiratory Health	ALA Public Policy Research Award Role: Co-Investigator Annual Direct Costs: \$50,000	To understand the association of e-cigarette use with respiratory health using data from the nationally representative Population Assessment of Tobacco and Health (PATH) Study
5/1/17-4/30/22 The B Cell Repertoire as a Window into the Nature and Impact of the Lung Virome	NIH R33 Role: Co-Investigator Annual Direct Costs: \$536,684	To use immunoglobulin somatic hypermutation in lung B cells as a means to define the virome that matters most in the human lower respiratory tract.
7/1/2020-6/30/2021 Impact of the Massachusetts Menthol Cigarette Ban on Tobacco Use Behaviors in Patients Seeking Inpatient Care at a Large Urban Safety Net	BU-Tobacco Regulatory Science ARC Role: Principal Investigator Annual Direct Costs: \$15,000	To understand the impact of the MA menthol ban on tobacco use behaviors using quantitative and qualitative analyses
7/1/2020-6/30/2021 Deep learning for CV risk in COVID-19 patients	BU-CTSI Pilot Grant Program Role: Co-Investigator Annual Direct Costs: \$25,000	To develop a cross-modality deep learning framework that risk stratifies which Covid-19 individuals will progress to adverse cardiac events
4/20/2020-4/19/2021 CATNAP study: COVID-19 smArtphone-based Trial of Non-ICU Admission Prone Positioning	BMC Role: Independent Reviewer on Safety Review Board	RCT at BMC among floor covid-19 patients: recommendation to self-prone for up to 12 hours a day vs usual care.
8/1/15-7/31/20 Pragmatic Trial of More versus Less Intensive Strategies for Active Surveillance of Patients with Small Pulmonary Nodules	PCORI Role: Clinical Champion Annual Direct Costs: \$94,170	To compare outcomes of patients in a pragmatic trial of lung nodule surveillance algorithms

Past Grant Awards (completed >3 years ago)

- 2001-2015 Mouse models and in vitro studies to study the regulation of genes involved in lung cancer
- 2003-04 Awardee, National Service Research Award (NRSA) Training Grant
- 2004-06 Awardee, American Lung Association (ALA) Research Training Fellowship Grant
- 2006-08 Principal Investigator, American Lung Association (ALA) Biomedical Research (LUNGevity) Grant
- 2010-13 Principal Investigator, Department of Defense (DOD) Lung Cancer Promising Research Award
- 2013-15 Principal Investigator, Department of Defense (DOD) Lung Cancer Research Concept Award
- 2014-2015 Co-Investigator, Boston Medical Center Patient Safety Grant to embed a patient navigator in the pulmonary nodule clinic and measure effect on patient adherence and cancer outcomes

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- 2015-16 Co-Principal Investigator, Pilot Grant Program Award (CTSI) to characterize patient and clinician preferences for integrating smoking cessation within LDCT screening programs, BUSM
- 2015-2019 Co-Investigator, NIH RO1 to understand the role of CD4+ Th17 cells in lung heterotypic immunity
- 2016-17 Principal Investigator, (BU-CIIS) Pilot Grant Program to study the implementation of an inpatient smoking cessation program using the RE-AIM framework
- 2017-2018 Principal Investigator, American Lung Association (ALA), Lung Cancer Discovery Award to use the time of hospitalization to connect individuals to lung cancer screening and tobacco treatment
- 2018 Co-investigator, BU-CIIS Pilot Grant Program to study in a randomized pilot study if hospital-based patient navigation promotes smoking cessation
- 2018-19 Principal Investigator, BU-Mobile Health ARC to test the feasibility and acceptability of an interactive text message program to help opioid use disorder patients quit smoking

### **INVITED LECTURES, PRESENTATIONS, AND TRAININGS**

#### **INTERNATIONAL**

- 7/2018 Speaker, Emerging trends in Tobacco Use and Cessation, North American Sikh Medical and Dental Association (NASMDA), Toronto, Canada
- 9/2020 Speaker, Perceived Impact of the Massachusetts Menthol Ban on Cigarette Use Behavior at a Large Safety-net Hospital, Society for Research on Nicotine and Tobacco-Europe (SRNT-E) (converted to virtual)

#### **NATIONAL**

##### American Thoracic Society (ATS)

- 05/2011 Speaker, Research Update: Metastatic Lung Cancer Models, Denver, Colorado
- 05/2015 Speaker, How to achieve high quality nodule follow-up in lung cancer screening programs, Denver, Colorado
- 05/2015 Co-Chair: Session: Thoracic Cancer: Pathogenesis, Prevention, and Treatment, Denver, Colorado
- 05/2016 Moderator, Reducing Harms of Tobacco Use, San Francisco, California
- 05/2016 Facilitator, Session- Molecular and Immunobiology of Lung Cancer, San Francisco, California
- 05/2016 Speaker, Research Symposium: Updates on Lung cancer Screening and Smoking cessation, San Francisco, California
- 05/2017 Speaker, Workshop: Maximizing the Moment: Future Directions for Integrating Smoking Cessation with Lung Cancer Screening, Washington, DC
- 05/2017 Chair, Joint Symposium: Lung Cancer Screening and Tobacco Cessation: The teachable moment? Washington, DC
- 05/2017 Co-Chair, Poster Discussion Session, Lung Cancer Screening: Who, Why, Where, and How Much, Washington, DC
- 05/2018 Speaker, ATS Clinical Practice Guidelines: Clinical Practice on the Cutting Edge, San Diego, California
- 05/2019 Co-Chair, Symposium: State of the Art Treatment of Tobacco Dependence, Dallas, TX

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- 05/2019 Speaker, Symposium: Teachable Moment: Integrating Tobacco Dependence Treatment into the Inpatient Setting, Dallas, TX
- 05/2019 Moderator, Addiction and Tobacco Use in Pulmonary and Critical Care Medicine, Dallas, TX
- 05/2019 Moderator, Reducing Disparities and Improving Outcomes in Lung Cancer Screening, Dallas, TX
- 07/2020 Co-Chair, ATS Tobacco Control Workforce: Overview and Objectives
- 05/2021 Chair, Initiating Pharmacologic treatment of tobacco dependence across the spectrum, Live Webinar
- 05/2022 Speaker, Lung Cancer Postgraduate Course, Tobacco Dependence Treatment: An integral component of lung cancer care, San Francisco, CA
- 05/2022 Speaker, Symposium, Addressing challenges to Tobacco Treatment in the Context of Lung Cancer Treatment and Screening, San Francisco, CA
- 05/2022 Chair, Symposium, Tobacco and THC Health Science
- 05/2022 Co-chair, Biomarkers in Lung Cancer: Pierre Massion Memorial symposium, San Francisco, CA
- 05/2023 Speaker, Tobacco and E-cigarette cessation Postgraduate Course, E-cigarette / tobacco cessation approaches: Inpatient consult service, Washington, DC (*scheduled*)

American College of Chest Physicians

- 10/2023 Panelist, CHEST 2023 Annual Meeting: Don't Pass the Buck! How to Treat Nicotine Dependence as a Busy Provider (*scheduled*)

American Cancer Society

- 12/2017 American Cancer Society Roundtable, Lung Cancer Screening and Smoking Cessation Counseling: Research update, Bethesda, Maryland

American Lung Association

- 07/2019 Speaker, ALA Stakeholder Meeting: Health Systems Change: Tobacco Dependence in OUD patients (*virtual*)

American Heart Association

- 03/2020 Facilitator, A-TRAC CEC webinar: Nicotine Dependence and Assessment Characteristics of Tobacco Users

Kansas Annual Opioid Conference

- 11/2020 Engaging Smokers with Substance Use Disorders in Tobacco Treatment, Kansas University Medical Center

Society of Otorhinolaryngology and Head-Neck Nurses, Inc (SOHN)

- 09/2020 44th Annual Congress and Nursing Symposium, *Revolutionary Advances in ORL Nursing*, on Vaping Update (*virtual*)

Other

- 03/2021 Speaker, Western University of Health Sciences, College of Pharmacy, Pomona, California, on E-cigarette Toxicity (*virtual*)

**REGIONAL**

- 08/2012 Symposium, Lung Cancer Screening: Where are we? A Core Curriculum in Adult Primary Care Medicine; Beth Israel Deaconess Hospital, Needham MA

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09/2014 Grand Rounds, Lung Cancer Screening: Where are we now; East Boston Neighborhood Health Center, East Boston, MA

04/2015 Grand Rounds, Lung Cancer screening: Where are we now; Mattapan Community Health Center, Mattapan, MA

08/2015 Conference, Current Management of Asthma; East Boston Neighborhood Health Center, East Boston, MA

09/2015 Grand Rounds, Lung Cancer Screening: updates; East Boston Neighborhood Health Center, East Boston, MA

03/2016 Grand Rounds, Smoking Cessation; Whittier Street Health Center, Roxbury, MA

2016 CME/CNE Program, COPD Diagnosis and Management in Primary Care

03/2016 Lynn Community Health Center, Lynn, MA

04/2016 Boston Health Care for the Homeless, Boston, MA

05/2016 Mattapan Community Health Center, Boston, MA

06/2016 South Boston Community Health Center, South Boston, MA

11/2016 Charles River Community Health Center, Brighton, MA

10/2016 Nursing Grand Rounds, Obstructive Sleep apnea; East Boston Neighborhood Health Center, East Boston, MA

11/2016 Grand Rounds, Tobacco Dependence; DOTHouse Health, Dorchester, MA

09/2017 Grand Rounds, Smoking Cessation and Lung Cancer; Codman Square Health Center, Boston, MA

07/2018 Community Health Worker Training Series, Tobacco Dependence and COPD, Boston, MA

05/2019 Statewide Learning Collaborative Lung Cancer Screening Workshop, Smoking Cessation Counseling, Framingham, MA

05/2019 Grand Rounds, Tobacco Dependence Treatment; East Boston Neighborhood Health Center, East Boston, MA

09/2019 Grand Rounds, Practical Applications of Tobacco treatment in the Homeless Population; Boston Healthcare for the Homeless, MA

11/2019 Grand Rounds, Implementing Inpatient Tobacco Treatment, U Mass, MA

01/2020 Grand Rounds, Tobacco Dependence Treatment; Tufts Medical Center, MA

01/2020 Grand Rounds, Vaping and Vaping Associated Lung Injury, Emerson Medical Center, MA

02/2020 Pulmonary Grand Rounds, Implementation of an opt-out, EHR-based tobacco treatment service at a safety-net hospital, Tufts Medical Center, MA

11/2020 Grand Rounds, Tobacco Dependence Treatment; Update of Sleep Apnea, East Boston Neighborhood Health Center, East Boston, MA

11/2020 Pulmonary Seminar, Boston Area Health Education Center-Medical Exposure Intensive (high school students), Vaping: patterns of use, toxicity, and policy

11/2020 Lung cancer education and prevention event, 2020 Commission on Cancer education and prevention

03/2021 Statewide Office-Based addiction treatment (OBAT) Tobacco Dependence Treatment training

05/2021 Improving outcomes in COPD patients in low performing hospitals webinar

07/2021 Extension for Community Healthcare Outcomes (ECHO) series around substance use treatment of special populations

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- 08/2021 Tobacco Use and Substance Use, Virtual 29th New England School of Best Practices in Addiction Services
- 11/2021 Head and Neck Cancer Screening and Prevention Event, Boston Medical Center, MA
- 06/2022 Addressing Tobacco Dependence in Substance Use Disorders, Virtual 53rd New England School of Addiction and Prevention Studies
- 09/2022 Training for clinical providers/teams for new inpatient psychiatry/substance use disorders (SUD) unit and a clinical stabilization services unit, Quincy, MA
- 12/2022 Understanding the Menthol Ban, Citywide Chest Conference Series at Warren Alpert Medical School of Brown University, Providence, RI

## **INSTITUTIONAL**

### Undergraduate Students

- Fall 2011 BU's Educational Resource Center, Got Sleep?
- Fall 2016 Naval Reserve Officers Training Corps (NROTC) seminar, Managing Sleep Deprivation
- Winter 2019 Nanomedicine- Principles and Applications ENG BE 745, Lung Cancer Overview (3/5/2019)
- 7/2019 Paving a Career Path as a Physician-Scientist
- 4/2021-pres Guest lecturer, Pulmonary Pathophysiology course SAR HS 371
- 7/2021 BU Undergraduate Club Advisor; Children's Cancer

### Medical Students

- 2008-2010 Pulmonary Biology of Disease class, Group Leader, Pulmonary Disease
- 2010-pres Disease and Therapy (Drx) Pulmonary Module, Solitary Pulmonary Nodules
- 2013-2021 Disease and Therapy (DRx) Oncology Module, Lung Cancer
- 2019-pres ICM2 Cancer Seminars, Tobacco Dependence
- 11/2019 Panelist, Creating Leadership and Education to Address Racism (CLEAR)
- 12/2019 Panelist, Sleep Medicine Interest group
- 2020-pres BUSM Homeless Health Immersion Experience Seminars, Tobacco-related Disparities and Barriers to Treatment
- 3/2020 Panelist, Public Health Inter-Professional (SPH/Med students) Experience: Medical and public health challenges of vaping and a proposed vaping policy
- 2022-pres Disease and Therapy (Drx) Pulmonary Nodule, Tobacco, Marijuana, SDOH
- 9/2022 Panelist, Sleep Medicine Interest group

### Residents

- 2004-2017 Medical Intensive Care Unit (MICU) Core Curriculum Series: Mechanical Ventilation
- 2004-2017 MICU Core Curriculum Series, Non-Invasive Ventilation
- 2004-2017 MICU Core Curriculum Series, Management of Platelet dysfunction
- 2004-2017 MICU Core Curriculum Series, Asthma and COPD
- 2004-2017 MICU Core Curriculum Series, Advanced Mechanical Ventilation
- 2004-2017 MICU Core Curriculum Series, Sepsis
- 2004-2017 MICU Core curriculum Series, Endocrine Emergencies
- 2013-2021 Noon conferences, Lung Cancer Update



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2013-pres Emergency Series Noon conferences, Fatigue and Sleep Deprivation Management  
2017-pres Resident Curriculum Update, Tobacco Treatment, Lung Cancer Screening  
2019-pres Resident Pulmonary Noon conferences series, Sleep Disorders  
2020-pres Primary Care Resident Winter Block, Sleep Medicine  
2022-pres Noon conferences, Case-based lecture, OHS and COPD

Pulmonary Fellows

2006-2016 Fellows Lab Course, Promoter Analysis  
2010-2019 Pulmonary Fellow Core Curriculum Series, Lung Cancer Staging  
2010-pres Pulmonary Fellow Core Curriculum Series, Solitary Pulmonary Nodule  
2012-pres Board Review Session, Sleep Medicine and Sleep Disordered Breathing  
2017-pres Pulmonary Fellow Core Curriculum Series, Treating Tobacco Dependence  
2019-pres Pulmonary Fellow Core Curriculum Series, OSA/OHS  
2020-pres ECHO Course, Authorship  
2022- pres ECHO Course, Qualitative research: what is it and when should you think about it?

Physician Assistants

2020-pres Physician Assistant (PA) Program, Tobacco Treatment

Faculty and Trainees

10/2014 Expert Discussant, Oncology Lung Cancer Morbidity and Mortality (M&M) Conference  
01/2015 Pulmonary Grand Rounds, Sleep update  
03/2015 Pulmonary Grand Rounds, Lung Cancer Screening  
05/2015 Expert Panel Discussant, Obstructive Sleep Apnea (OSA) Symposium; Sponsored by Boston University School of Dental Medicine  
09//2015 Pulmonary Grand Rounds, Smoking Cessation  
11/2015 Expert Panel Discussant, Lung Cancer Screening and Tobacco Treatment, "In The Know;"  
Co-sponsored by Cancer Care and BMC Office of Development:  
11/2015 BMC 20th Screening and Education Event, "You Can Quit"  
02/2016 Geriatrics Grand Rounds, Tobacco Dependence Treatment  
02/2016 Pulmonary Grand Rounds: Sleep Update  
03/2016 Neurovascular Conference, Smoking and Stroke Risk  
04/2016 Cardiology Grand Rounds; Smoking and Cardiovascular Risk  
05/2016 Pulmonary Grand Rounds: The Lung Nodule Surveillance Trial  
09/2016 Preventive Medicine Grand Rounds, E cigarettes and Public Health Policy  
12/2016 Provost Lecture, Smoking Cessation Workshop: Smoking cessation: Progress and Challenges in Reaching and Treating Underserved Smokers  
03/2017 The Evans Center for Improvement and Implementation Science (CIIS) seminar, Capitalizing on Hospitalization to promote smoking cessation  
09/2017 Showcase, The Evans Center for Implementation and Improvement Sciences (CIIS) mini-symposium, Implementation of a Tobacco Treatment Program: Lessons Learned  
11/2017 Catalyst Program, Treating Co-Addiction

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- 11/2017 Addiction Medicine Conference, Treating Tobacco Dependence in Patients with Substance Use Disorders
- 01/2018 Internal Medicine Faculty meeting, Tobacco Treatment Service Outcomes
- 02/2018 Sleep Grand Rounds, Secondary Prevention Interventions of Atrial Fibrillation
- 04/2018 Faculty Development and Diversity seminar, How to Fall in Love with Your Job Again
- 09/2018 Addiction Medicine Conference, Treating Tobacco Dependence in Patients with Substance Use Disorders
- 12/2018 Panelist, Attending Wellness and Burn Out
- 10/2019 BRIM implementer workshop lecturer
- 10/2019 State of the ARCs symposium, Mobile Technology to Promote Smoking Abstinence in Opioid Use Disorder Patients
- 10/2019 Medical Grand Rounds: Vaping-Associate Lung Injury
- 10/2019 BMC Head and Neck Cancer Screening and Education Event, "Tobacco Treatment"
- 11/2019 Panelist, Strategies for Effective Team Projects, MFL program
- 12/2019 Panelist, Promoting Physician Wellness: Internal Medicine Residents
- 09/2020 General Internal Medicine Grand Rounds, Updates on smoking/vaping
- 09/2020 PCCM, Viewing tobacco addiction as a social justice issue long overdue
- 11/2020 Discussant, Social Justice Forum: Promoting Lung Health among vulnerable patient populations
- 12/2020 Ophthalmology Grand Rounds, "Management of Fatigue and Sleep Deprivation"
- 03/2023 Faculty Development & Diversity seminar "Fatigue Mitigation and Sleep Deprivation" (*scheduled*)

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[orcid.org/0000-0002-9062-409X](https://orcid.org/0000-0002-9062-409X)

Mentees names are underlined

### ORIGINAL, PEER REVIEWED ARTICLES

1. Hayes D Jr, Board A, Calfee C, Ellington S, Pollack LA, **Kathuria H**, et al. Pulmonary and Critical Care Considerations for E-cigarette, or Vaping, Product Use-Associated Lung Injury (EVALI). *Chest*. 2022 PMID: 35257738.
2. **Kathuria H**, Herbst N, Seth B, Clark K, Helm ED, Zhang M, O'Donnell C, Fitzgerald C, Itchapurapu IS, Waite M, Wong C, Swamy L, Olson J, Mishuris RG, Wiener RS. Rapid cycle evaluation and adaptation of an inpatient tobacco treatment service at a US safety-net hospital (2021) *Implementation Research and Practice*
3. Shenoy AT, Arafa EI, Lyon De Ana C, Barker KA, Korkmaz FT, Ramanujan A, Etesami NS, Martin IMC, Tilton BR, Hinds A, Goltry WN, Bullitt E, **Kathuria H**, Jones MR, Quinton LJ, Belkina AC, Mizgerd JP. Epithelial MHC-II governs resident memory CD4+ T cell lineage specification and barrier immunity. *Nat Commun*. 2021 Oct 5;12(1):5834. PMID: 34611166; PMCID: PMC8492657.
4. Shankar D, Borrelli B, Cobb V, Quintiliani LM, Palfai T, Weinstein Z, Bulekova K, **Kathuria H**. Text-messaging to promote smoking cessation among individuals with opioid use disorder: quantitative and qualitative evaluation. *BMC Public Health*. 2022 Apr 6;22(1):668. PMID: 35387648; PMCID: PMC8988312.
5. **Kathuria H**, Shankar D, Cobb V, Newman J, Bulekova K, Werntz S, Borrelli B. Integrating Social

Determinants of Health With Tobacco Treatment for Individuals With Opioid Use Disorder: Feasibility and Acceptability Study of Delivery Through Text Messaging. *JMIR Form Res.* 2022 Sep 1;6(9):e36919. PMID: 36048509; PMCID: PMC9478816.

6. **Kathuria H**, [Gunawan A](#), [Spring M](#), [Aijaz S](#), [Cobb V](#), Carmel Fitzgerald C, Cornelia Wakeman C, Howard J, Clancy M, Gallardo-Foreman A, Truong V, Steiling K, Lasser KE, Bulekova K, Wiener RS. Capitalizing on hospitalization to engage high-risk individuals in shared decision-making for lung cancer screening: results from randomized feasibility trials at a large safety-net hospital. *Cancer Causes Control.* 2022 Aug 23. PMID: 35997854
7. [Kearney L](#), Wiener RS, [Dahodwala M](#), Fix GM, Hicks J, Little F, Howard J, Gallardo-Foreman A, Wakeman C, O'Donnell C, Bulekova K, Drainoni ML, **Kathuria H**. Development and acceptability of an intervention to address social determinants of health and chronic obstructive pulmonary disease self-management. *BMC Pulm Med.* 2022 Mar 1;22(1):74. PMID: 35232414; PMCID: PMC8889692.
8. [Shusterman S](#), [Gunawan A](#), Gallardo-Foreman A, O'Donnell C, Wakeman C, Javeed H, Keteyian J, Howard J, Lasser KE, Bulekova K, de Silva S, Campbell T, **Kathuria H**. Field testing a mobile technology intervention for feasibility and acceptability using real-time financial incentives in hospitalized individuals who smoke cigarettes (*under review*)
9. [Booras A](#), Stokes, AC, [Maccarone J](#), Rosen L, Wakeman C, O'Donnell C, Singh J, Bulekova K, **Kathuria H**. Perceived Impact of the Massachusetts Menthol Ban on Cigarette Use Behavior at a Large Safety-net Hospital (*under review*)
10. [Hon S](#), Wiener RS, Rosen L, Singh J, Bulekova K, **Kathuria H**. Sustainability of an Opt-Out Electronic-Health Record-based Tobacco Treatment Consult Service at an Urban Safety-Net Hospital. (*in preparation*)
11. Berlowitz JB, Xie W, Harlow AF, **Kathuria H**, Bhatnagar A, Benjamin EJ, Stokes. Association of Cigarette-e-Cigarette Transitions with Respiratory Symptom Resolution (*under review*)
12. Xie W, Tackett AP, Berlowitz JB, Harlow AF, **Kathuria H**, et al. Association of Electronic Cigarette Use with Respiratory Symptom Development among US Young Adults. *Am J Respir Crit Care Med.* 2022 Jan 28. PMID: 35089853
13. Hood, E, Grodal S, **Kathuria H**, Minetti E, Ross CR, Fetterman J. How do perceptions of ENDS differed between individuals who smoke and vape? *Tobacco Regulatory Science* 2021
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15. Quintiliani LM, **Kathuria H**, Truong V, Murillo J, Borrelli B, Xuan Z, Lasser KE. Patient navigation among recently hospitalized smokers to promote tobacco treatment: Results from a randomized exploratory pilot study. *Addict Behav.* 2021 Feb; 113:106659. PMID: 33010473.
16. Barker KA, Shenoy AT, Lyon de Ana C, Smith NMS, Arafa EI, Martin IMC, Barron AMS, Kepler TB, Browning JL, **Kathuria H**, Belkina AC, Guillon A, Zhong X, Jones MR, Quinton LJ, Mizgerd JP. Lung resident memory B cells protect against bacterial pneumonia. *Journal of Clinical Investigation* 2021; 131(11) e141810. PMID: 34060477; PMCID: PMC8159694.
17. Wiener RS, Clark JA, Koppelman E, Bolton R, Fix GM, Slatore CG, **Kathuria H**. Patient vs Clinician Perspectives on Communication about Results of Lung Cancer Screening: A Qualitative Study. *Chest.* 2020 Sep;158(3):1240-1249. doi: 10.1016/j.chest.2020.03.081. PMID: 32387521; PMCID: PMC7478230

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20. Xie W, **Kathuria H**, Galiatsatos P, MHS, Blaha M, Hamburg NM; Bhatnagar A, Benjamin AJ, Stokes A. Association of Electronic Cigarette Use With Incident Respiratory Conditions Among US Adults From 2013 to 2018. *JAMA Netw Open*. 2020 Nov 2;3(11):e2020816. PMID: 33180127; PMCID: PMC7662143.
21. Griffiths NG, Fetterman JL, Vargees C, **Kathuria H**, Grodal S, Borrelli B, Ross CS. Measuring poly-tobacco product use with ecological momentary assessment methods *Tobacco Regulatory Science* 2020;6(6): 423-435
22. Golden SE, Ono SS, Melzer A, Davis J, Zeliadt SB, Heffner JL, **Kathuria H**, Garcia-Alexander G, Slatore CG, "I already know that smoking ain't good for me": Patient and clinician perspectives on lung cancer screening decision-making discussions as a teachable moment, *Chest* 2020 Sep;158(3):1250-1259. PMID: 32304776.
23. **Seth B**, **Herbst N**, Oleinik K, **Clark K**, **Helm E**, O'Donnell C, Fitzgerald C, Wong C, Wiener R, **Kathuria H**. Feasibility, Acceptability, and Adoption of an Inpatient Tobacco Treatment Service at a Safety-Net Hospital: A Mixed Methods Study. *Ann Am Thorac Soc*. 2020 Jan; 17(1):63-71. PMID: 31593497
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39. Writing panel, Surgeon General Report: 2023 synthesis of evidence on health effects of tobacco in mental health disease
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## TEXTBOOK CHAPTERS

59. Fathi J and **Kathuria H** (2022) Tobacco treatment in lung cancer. Springer International Publishing (*in press*)
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## ADVOCACY PRESS HIGHLIGHTS

### 2022

<https://news.thoracic.org/washington-letter/2022/fda-denies-menthol-e-cigarette-product-application.php>

<https://www.statnews.com/2022/09/07/tobacco-giant-philip-morris-investing-billions-in-health-care/>

<https://www.thoracic.org/about/newsroom/press-releases/fda-removes-juul.php>

<http://www.bmc.org/pulmonary-criticalcare-allergy-sleep/tobacco-treatment-center.htm>

### 2021

<https://www.washingtonpost.com/business/2021/09/02/marlboro-maker-buys-vectura/>

<https://www.thoracic.org/about/newsroom/press-releases/journal/2021/menthol-cigarettes-banned-fda-takes-bold-action-to-save-lives.php>

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Participant, ATS Environmental Lobby Week (Hill Day) to advocate for implementation of American Jobs Plan to improve air quality while reducing greenhouse gas emissions: April 22 and 23, 2021

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Hasmeena Kathuria, MD

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<https://www.bostonherald.com/2020/01/19/pesticides-toxic-chemicals-harmful-flavorings-found-in-black-market-vapes/>

### 2019

<https://www.wgbh.org/news/science-and-technology/2019/12/13/the-vaping-ban-has-been-lifted-what-does-that-mean-for-health-care-workers>

<https://www.bu.edu/articles/2019/vaping-menthol-addictive/>

<https://www.wbur.org/radioboston/2019/11/18/massachusetts-ban-tobacco>

<https://www.wgbh.org/news/science-and-technology/2019/10/11/the-vaping-crisis-explained>

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[http://www.bu.edu/articles/2019/massachusetts-ban-on-vaping-products/?utm\\_campaign=bu\\_today&utm\\_source=email\\_20190924\\_full&utm\\_medium=1\\_featured\\_story&utm\\_content=health](http://www.bu.edu/articles/2019/massachusetts-ban-on-vaping-products/?utm_campaign=bu_today&utm_source=email_20190924_full&utm_medium=1_featured_story&utm_content=health)

<https://www.consultant360.com/exclusive/pulmonology/copd/3-questions-about-cases-related-vaping-associated-pulmonary-illness>

ATS Responds to FDA's Promise of Future Action on Flavored E-cigarettes September 11, 2019

Graphic Cigarette Warnings Focus of FDA Proposed Rule Released Today August 15, 2019

<https://dailyfreepress.com/blog/2019/09/17/new-health-concerns-about-vaping-on-bu-campus/>

<http://www.bu.edu/articles/2019/vaping-lung-injuries-deaths/>

<https://www.bostonglobe.com/metro/2019/09/19/could-mass-schools-doing-more-teach-students-about-vaping-illness-epidemic/ane227wSEwspn3CLyXdNhL/story.html>

### **WEBINARS, PODCASTS, WEB-BASED PATIENT EDUCATION RESOURCES**

Webinar: ATS Clinical Practice Guidelines, Webinar Series

<https://www.thoracic.org/members/assemblies/assemblies/bshsr/journal-club/neuropsychiatric-safety-and-efficacy.php>

<https://news.thoracic.org/washington-letter/2020/earn-cme-credit-in-upcoming-webinar-on-initiating-tobacco-dependence-pharmacotherapy.php>

Podcast: Chest Counterpointe: E cigarettes as Harm Reduction

<https://ars.els-cdn.com/content/image/1-s2.0-S0012369221007777-mmc1.mp3>

Podcast: Consultant360's Women Leaders in Medicine podcast: Smoking and Vaping

<https://www.consultant360.com/smoking-and-vaping-2022-women-leaders-medicine-ep-12>

Co-author and/or Reviewer of Patient Education Materials on Tobacco and Lung Cancer

American Thoracic Society. Prescription Medications to Help You Stop Smoking. Am J Respir Crit Care Med.



2020;201(6):P11-P2. Available at <https://www.atsjournals.org/doi/abs/10.1164/rccm.2016P11>

American Thoracic Society. Smoking Cessation and Cancer. Am J Respir Crit Care Med. 2021 May 15;203(10):P24-P25. PMID: 34014803. Available at <https://www.thoracic.org/patients/patient-resources/resources/smoking-cessation-and-cancer.pdf>

American Thoracic Society. E-cigarette or vaping product use-associated lung injury (EVALI) 2020 - Clinician Version. Available at <https://www.thoracic.org/patients/patient-resources/resources/evali-vapi-clinician.pdf>

American Thoracic Society. E-cigarette or vaping product use-associated lung injury (EVALI) 2020 - Patient Version. Available at <https://www.thoracic.org/patients/patient-resources/resources/evali-vapi-patient.pdf>

American Thoracic Society. Vaping/E-cigarettes. Available at <https://www.thoracic.org/patients/patient-resources/resources/vaping-electronic-nicotine-delivery-systems.pdf>

American Thoracic Society. Hookah Pipes. Available at <https://www.thoracic.org/patients/patient-resources/resources/hookah-pipes.pdf>

American Thoracic Society. Lung Cancer. Available at <https://www.thoracic.org/patients/patient-resources/resources/lung-cancer-intro.pdf>

American Thoracic Society. Lung Cancer Screening. Available at <https://www.thoracic.org/patients/patient-resources/resources/lung-cancer-screening.pdf>

American Thoracic Society. Lung Cancer Treatment NSCLC-advanced. Available at <https://www.thoracic.org/patients/patient-resources/resources/lung-cancer-treatment-non-small-cell-advanced.pdf>

American Thoracic Society. Lung Cancer Treatment NSCLC-early. Available at <https://www.thoracic.org/patients/patient-resources/resources/lung-cancer-treatment-non-small-cell-early.pdf>

American Thoracic Society. Lung Cancer Treatment SCLC. Available at <https://www.thoracic.org/patients/patient-resources/resources/lung-cancer-treatment-small-cell.pdf>

American Thoracic Society. Marijuana and the Lungs. Available at <https://www.thoracic.org/patients/patient-resources/resources/marijuana.pdf>

American Thoracic Society. Menthol. Available at <https://www.thoracic.org/patients/patient-resources/resources/menthol.pdf>

American Thoracic Society. Over-the-counter medications to help you stop smoking. Available at <https://www.thoracic.org/patients/patient-resources/resources/otc-medications-to-help-you-stop-smoking.pdf>

American Thoracic Society. Smoking, Vaping, and Pregnancy. Available at <https://www.thoracic.org/patients/patient-resources/resources/smoking-and-pregnancy.pdf>

American Thoracic Society. Secondhand smoke. Available at <https://www.thoracic.org/patients/patient-resources/resources/second-hand-smoke.pdf>

American Thoracic Society. Stopping Smoking and Vaping. Available at <https://www.thoracic.org/patients/patient-resources/resources/stopping-smoking-and-vaping.pdf>

American Thoracic Society. Tobacco Use and Stress Management. Available at <https://www.thoracic.org/patients/patient-resources/resources/tobacco-use-and-stress-management.pdf>