**Janaki Deepak, MBBS, FACP**

**Assistant Professor, Department of Medicine**

**University of Maryland School of Medicine**

**Date:**  June30, 2021

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**Education:**

1985-1987 Higher Secondary Certificate Examination Gr XII
Ramnarain Ruia College, University of Mumbai, Mumbai, India
Physics, Chemistry, Biology and Mathematics

1987-1993 Bachelor of Medicine and Bachelor of Surgery
Seth G.S. Medical College, University of Mumbai, Mumbai, India

**Post Graduate Education and Training:**

1993 Resident, General Surgery

King Edward VII Memorial Hospital, Mumbai, India

1994-1998 Residency, Diagnostic Radiology

King Edward VII Memorial Hospital, Mumbai, India

1998 Resident Diagnostic Pediatric Radiology
Bai Jerbai Wadia Hospital for Children

2003-2006 Residency, Internal Medicine

Harbor Hospital Center

2007-2010 Fellowship, Pulmonary and Critical Care Medicine

University of Maryland Medical Center

**Certifications:**

2006-2016 American Board of Internal Medicine

2016-2026 Recertified in Internal medicine

2010-2029 Recertified in Pulmonary Medicine

2010-2020 American Board of Internal Medicine, Critical Care Medicine-recertifying this year

**Medical Licensure:**

2006 Maryland, Active

**Employment History:**

Academic Appointments:

1998-1999 Assistant Lecturer
MGM Hospital and Medical College, India

1998-1999 Instructor for radiology technicians
MGM College at Nerul, India

2007-2010 Assistant Instructor in Medicine

 University of Maryland School of Medicine

2010-2011 Visiting Instructor in Medicine

 University of Maryland School of Medicine

2011- present Assistant Professor in Medicine
University of Maryland School of Medicine

**Professional Society Memberships:**

2003-present American College of Physicians (ACP), Member

2007-present American Thoracic Society (ATS), Full Member

2007-present American College of Chest Physicians (ACCP), Member

**Honors and Awards:**

2005 First place in the Clinical Vignette Poster Presentation, Maryland Chapter of American College of Physicians

2005 Member of winning team in Doctor’s Dilemma Competition in Maryland Chapter of American College of Physicians

2005 Junior Resident of the year Award Harbor Hospital Center

2006 Honorable mention in the Clinical Vignette Poster Presentation, Maryland Chapter of American College of Physicians

2006 Member of winning team in Doctor’s Dilemma Competition in Maryland Chapter of American College of Physicians

2006 Teaching Award Harbor Hospital Center

2010 Fellowship, American College of Physicians

2010 Golden Apple Teaching Award for voluntary Faculty, Harbor Hospital

2014 C Lockard Conley Award for Contributions to Resident teaching, education and Research, Presented by Maryland Chapter of the American College of Physicians.

2017 Governors Service Award, Maryland Chapter of the American College of Physicians

2020 Selected as the Faculty Speaker at the University of Maryland Internal medicine residency graduation

2021 Elected into the Alpha Omega Alpha Medical Honor Society

2021 Selected as the Graduate Marshall for the School of Medicine Graduation

2021 The Joan Stine Award for Leadership in Tobacco Prevention

**Clinical Expertise**

Board certified pulmonologist

Board certified intensivist

Clinical and research expertise are in the areas of lung nodules, lung cancer screening, tobacco health and medical education

**Scope of Clinical Practice:**

Baltimore VA Medical Center

2013-current Lung Mass Clinic (1126 visits last year)

Key roles:

Assessment , triaging and surveillance of patients with lung nodules

Expediting lung cancer diagnosis and access to treatment

Lung cancer screening program

Comprehensive centralized automated nodule follow up

Part of VA Partnership to Increase Access to Lung Screening (VAPALS) program which includes 10 sites adopting a platform which will allow us to track our patients from lung cancer screening to treatment and collaborate with other VA’s nationwide.

2013-current VA/ inpatient pulmonary consult service

University of Maryland Medical Center / Midtown Hospital

2010-current Pulmonary clinic

½ day -1day/ week

100-200patients / year

2010-2018 Fellows chest clinic

 ½ day, ~10 clinics / year

 50-100/ year;

2010-2015 Critical care consult service

4-8 weeks’ service time / year

2010-current Medical intensive care service, UMMC Downtown

4-8 weeks’ service time / year

8-10 weekends, 1

 4 hrs./day; 14-16 patients/day;

2010-current Medical intensive care service, UMMC Midtown

 2-8 weeks/year; plus 4-6 weekends, 14 hrs./day; 6-12 patients/day;

2010-present Pulmonary Medicine Consult Service

 2-3 weeks per year

 3-5 new patients/day;

 average daily consult census 7-10 patients; 130 pulmonary physiology tests/week

2010-2018 Pulmonary Medicine Consult Service, UMMC Midtown and Ventilator weaning unit;

2-8 weeks a year,

1-2 new patients a day,

average 8-10 patients a day,

about 10-20 Pulmonary function tests a week

2017-2019 Multidisciplinary Pulmonary Hypertension Clinic

 ½ day 1-2 times a month

 4-7 patients/clinic

2019-present Tobacco Health Assessment and Treatment clinic

12.5% FTE

½ -1-day week

100 patients seen

**Development of any Clinical Programs:**

Established combined Pulmonary hypertension clinic between cardiology and pulmonary

-Evaluated pulmonary etiologies causing pulmonary hypertension

-Medication management

Optimization of pulmonary status

access to research participation opportunities

collaboration with cardiology for treatment modalities

Established State Funded Tobacco Health Assessment and Treatment Clinic

Evaluated patient’s tobacco use

 Determined tobacco use severity

 Evaluate Framingham risk score and baseline pulmonary function

 Determine optimal medication regimen

 Ensure compliance with weekly phone calls

 Enroll in lung cancer screening if eligible

**Administrative Service:**

Institutional Service:

2011-present Director of lung mass clinic Baltimore VA hospital

2012-2019 GMEC committee member at University of Maryland School of Medicine

2013-2017 Member of Dissertation Committee for Graduate Student Department of Epidemiology and Public Health, UMSOM

2013-2019 Member PSQI subcommittee of GMEC

2014-Present Member Pulmonary Fellowship Clinical Competency Committee

2015 Member Patient safety and Quality Improvement Committee Department of Medicine

2015-2019 Member Residency Clinical Competency Committee at Midtown Campus

2015-present Codirector Of the Pulmonary Unit of the Pathophysiology and therapeutics Course for the second-year medical students, UMSOM

2016-present Faculty advisor School of Medicine and lead faculty in creating UMB Health

 Alliance –an interprofessional community engagement program for West

 Baltimore residents

2017-present Co director of the lung cancer screening program at the University of Maryland Medical Center

2018-present Faculty co-advisor for Internal medicine interest group

2019-present Assistant Program Director Pulmonary and critical Care Medicine Fellowship

2019-present Director of the Tobacco Assessment and Treatment Program at the University of Maryland Medical Center

2017-present Member Clinical Research Committee, (UMGCC)

2017-present Multidisciplinary Pulmonary Hypertension Practice with cardiology

2019-present Member Wellness committee UMMC and wellness champion since 2019

2019-present Tobacco Health Assessment and Treatment Program

2020 Member of the UMGCCC Tobacco Leadership

2021- Board member for the Maryland Tobacco Control Resource Center

**Local and National Service:**

2006-present Judge for student poster competitions at the Williams Student Conference – an all-day event for medical students in the tristate area**,** MD ACP Chapter

2007-2009 Judge for Doctors Dilemma Contest, Maryland Chapter of ACP annual meeting, February

2007- present Judge for Clinical Vignette Competition, Associate Meeting Maryland Chapter of ACP, May

2009-present International Medical Graduate Committee Chairperson, Maryland Chapter of ACP

2010 Moderator for Doctors Dilemma Contest, Maryland Chapter of ACP annual meeting, February

April 2011 ACP National meeting San Diego Judge ACP clinical Vignette

2011-present Organizer and Moderator for Doctors Dilemma Contest, Maryland Chapter of

 ACP annual meeting Turf Valley

2011-present On-Site Judge Associates Research Competition Poster Division Finals, ACP Internal Medicine 2011, San Diego

2011- present CHEST national meeting abstract grader

2011- present ACP national meeting abstract grader

2013-present CHEST national meeting thematic poster Judge

2012- present Adhoc reviewer for *Journal of Community Hospital Internal Medicine Perspectives 6-7 reviews /yr.*

2015 Conducted Workshop on New ICD 10 coding – Tips for generating reimbursement for MD Chapter of ACP

2015 Conducted Workshop on “Applying for fellowship” for MD Chapter of ACP

2016-2019 Presented a workshop on “Chest x-ray interpretation”, at the Williams Student Conference – an all-day event for medical students in the tristate area**,** MD ACP Chapter

2016 Conducted a workshop on “Contract negotiations with Speaker Steven Kauffman” for MD Chapter of ACP

2016-present Reviewer for thoracic oncology section of *Frontiers in Oncology 10-15 reviews /yr.*

2017 Conducted workshop on” Immigration for GME & Post Training Opportunities” for MD Chapter of ACP

2017-present Advisory Member and the UMMS Faculty lead for “Community Care Initiative Health Fair ‘held by the Johns Hopkins student association along with MD chapter of ACP

2018-present Hosted Students Doctors dilemma competition for Williams Student Conference – an all-day event for medical students in the tristate area**,** MD ACP Chapter

2018-present Speed Mentoring program – Provided tips & information for new Fellows &

 Wellness & Burnout during the ACP IMG potluck dinner meeting and the ACP MD chapter meeting

2018-present ACP MD wellness champion conducted several wellness related activities and seminars

2018-2019 Section editor for Radiology American Thoracic Society (ATS) QUICK HITS

2019-present Reviewer for *BMJ Case Reports* 4-5 reviews/yr.

2019-present Reviewer for *International Journal for Clinical Case Reports and Reviews 4 reviews/yr.*

2019-present Co-editor ATS Quick Hits

2020 Conducted a workshop on “Contract negotiations with Speaker Steven Kauffman” for MD Chapter of ACP

**Teaching Service:**

**Medical Student Teaching**

Attending Physician Inpatient Services (UMMC)

2010-present   Pulmonary Consult Service; 1 medical student, ~60 contact hours/year

2010-2015      UMMC Critical Care Consult Service; 1-2 medical students, ~60 contact hours/year

2010-present UMMC Medical Intensive Care Unit; 1 medical student, ~60 contact hours per year

2010-present VA Medical Intensive Care Unit-Pink team ; 1 medical student, ~60 contact hours per year

University of Maryland School of Medicine

2010-2016  Small group instructor; Pulmonary Functional Systems GAs Transport; 15-20 medical students,2 contact hours per year

2010-2016 Small group instructor; Pulmonary Functional Systems VQ Relationships 15-20 medical students,2 contact hours per year

2010-2016 Small group instructor; Pulmonary Functional Systems Lung mechanics 15-20 medical students,2 contact hours per year

2020   Small group instructor; Pulmonary Functional Systems Lung mechanics 15-20 medical students,2 contact hours per year

2010-current Small group instructor; Pathophysiology & Therapeutics I, Interpretation of Pulmonary function tests, 18-22 medical students, 2hours /year

2010-current Small group instructor; Pathophysiology & Therapeutics I, Pulmonary Case Studies 1, 18-22 medical students, 2hours /year

2010-current Small group instructor; Pathophysiology & Therapeutics I, Pulmonary Case Studies 2,18-22 medical students, 2hours /year

2010-current Small group instructor; Pathophysiology & Therapeutics I, Pulmonary Case Studies 3,18-22 medical students, 2hours /year

2008-current Introduction to Clinical Medicine I Preceptor; 6-10 medical students, 50 contact hours per year

2010-current Introduction to Clinical Medicine II Preceptor; 6-10 medical students, 25 contact hours per year

2014-current   Codirector University of Maryland MSPR 521 course

small groups director and curriculum planner for 7-8 small groups, 150-160 medical students ;60 hours /year

2014-current   Codirector University of Maryland MSPR 521 course and

Lecturer; Approach to Pulmonary medicine. University of Maryland MSPR 521 course

2014- Current Codirector University of Maryland MSPR 521 course and Lecturer; Diagnosis and Treatment of Lung Cancer; University of Maryland MSPR 521 course

2017-2018      Codirector University of Maryland MSPR 521 course and Lecturer; Approach to tobacco health. University of Maryland MSPR 521 course

**Graduate Student Teaching**

2016-current Director University of Maryland GPLS645 course, Respiratory Physiology and Lecturer Gas Transport; University of Maryland GPLS645 course, 6-15 graduate students, 3 hours/year

2016-current Director University of Maryland GPLS645 course, Respiratory Physiology and Lecturer VQ Relationships; University of Maryland GPLS645 course, 6-15 graduate students, 3 hours/year

2016-current Director University of Maryland GPLS645 course, Respiratory Physiology and Lecturer Respiratory Mechanics University of Maryland GPLS645 course, 6-15 graduate students, 3 hours/year

**Resident / Fellow Teaching**

Attending Physician Outpatient Services

2010-present   Attending Physician Pulmonary Clinic; 1-2 fellows, 4 -8 contact hours per week

2011-present   Attending Physician Lung Mass Clinic 1 fellow, 8 contact hours per week

2011-present   Preceptor for Fellow’s Chest Clinic; 1 fellow ;4 contact hours per month

2014-present Attending Physician Pulmonary clinic, 1 resident, 4 contact hours a week

2013-present Interpretation of chest x-ray part 1 for the Residents University of Maryland Downtown campus

2013-present Interpretation of chest x-ray part 2 for the Residents University of Maryland Downtown campus

Attending Physician Inpatient Services

2010-present   Attending Physician Inpatient Pulmonary Consult Service; 1-2 fellows, 1-2 residents, 40 contact hours per week 2-3weeks a year

2010-2015   Attending Physician Inpatient Critical Care Consult Service; 1 fellow, 1-2 residents, 60 contact hours per week;4-8 weeks a year

2010-current   Attending Physician Medical Intensive Care Unit UMMC Downtown; 2-3 fellows,6 residents, 4-8 weeks; ~360 contact hours / year

2012-current    Attending Physician Medical Intensive Care Unit UMMC Midtown; 1 fellow, 4 residents;2-4 weeks/year ~200 contact hours / year

2014-present Site Director for the Pulmonary and Critical Care Education Consortium Baltimore and DC regional area, Summer and Winter Education Block;32-40 fellows, 2-3 days/year;30 contact hours

2015-2018 Attending Physician Medical Intensive Care Unit VA Baltimore, Pink team;1 fellow,4 residents 2-4 weeks/year, ~120 contact hours / year

Mentoring:

2011-Current Ellen T Marciniak MD, initially Fellow now co-faculty,

2014-2018 Van K Holden Fellow,

2014-2020 Aparna Bhat, Student, Resident

2016-2019 Stephanie Wappel, Fellow

2016-2019 Avnee Kumar, Resident

2017-present Steven Cassady, Fellow now co-faculty

2018-Current Roxana Amirahmadi MD, Resident-Matched to NIH Critical Care Fellowship

2018-Current Jason Stankiewicz MD, Fellow

2019-Current Alvin Cho MD, Resident

2019- Current Jayme Hallinan DNP, FNP-C , Nurse practioner

**Grant Support**

**Current**

01/01/2017-present (Coinvestigator, 10%); PI: Dean Mann)

 Recruiting patients who are eligible for lung cancer screening

Resource collection and evaluation of human tissues and cells from donors with an epidemiology profile”

 NCI NO2RC-57700

 Annual Direct Costs: $1,000,000

 Total Direct Costs: $500,00

7/1/19-6/30/21          (PI – FY19-20 salary support-40% and FY20-21salary support-10%J Deepak)

 University of Maryland Medical Center Tobacco Health Assessment and Treatment practice - a comprehensive tobacco liberation program

 PHPA-G627 / MDM0031044455

 Annual Direct Costs: $75,000

 Total Direct Costs: $64,250

9/30/2020-9/29/2021 (Coinvestigator, 20%); PI: Niharika Khanna)

 Project Number - 3P30CA134274-13W2 CULLEN

Source: National Cancer Institute’s Moonshot Initiative: Cancer Center Cessation Initiative (C3I) P30 Administrative Supplements Expansion Grants

Title of Project (or Subproject) University of Maryland Greenebaum Comprehensive Cancer Center C3I Expansion Program

Tobacco Electronic Referrals to Quit (TERQ)

 Annual Direct Costs $399,995

09/18/2020-09/17/23 (Coinvestigator, 10%); PI: Niharika Khanna)

 Project Number - 3P30CA134274-13W2 CULLEN

Source: National Cancer Institute’s Availability of P30 Administrative and Revision Supplements to Expand Vaping Research and Understand EVALI

Title of Project (or Subproject) Using the Electronic Health Record to Identify EVALI, Healthcare Utilization, and Susceptibility among Patients who Use E-Cigarettes and Vaping Products in a Large Healthcare System

 Annual Direct Costs $528,761

Total Direct Costs $1,489,635

Pending:

Baltimore VAMC :Site PI for LPOP Soke CSP L0012: No salary support however funding for nurse navigator and research coordinator

Baltimore VAMC: Site PI for “Veterans Affairs Lung Cancer Surgery or Stereotactic Radiotherapy (VALOR), CSP# 2005-: No salary support however funding for nurse navigator and research coordinator

**Publications:**

Peer-reviewed journal articles

1. Jiang F, Qiu Q, Khanna A, Todd NW, ***Deepak J***, Xing L, Wang H, Liu Z, Su Y, Stass SA, Katz RL. Aldehyde dehydrogenase 1 is a tumor stem cell-associated marker in lung cancer. Mol Cancer Res. 2009 Mar; 7(3):330-8. Epub 2009 Mar 10. PubMed PMID: 19276181.
2. Xie Y, Todd NW, Liu Z, Zhan M, Fang H, Peng H, Alattar M, ***Deepak J***, Stass SA, Jiang F. Altered miRNA expression in sputum for diagnosis of non-small cell lung cancer. Lung Cancer. 2010 Feb; 67(2):170-6. Epub 2009 May 14. PubMed PMID: 19446359; PubMed Central PMCID: PMC2846426.
3. Todd NW, Jeudy J, Lavania S, Franks TJ, Galvin JR, Deepak J, Britt EJ, Atamas SP. Centrilobular emphysema combined with pulmonary fibrosis results in improved survival. Fibrogenesis Tissue Repair. 2011 Feb 15;4(1):6. doi: 10.1186/1755-1536-4-6. PMID: 21324139; PMCID: PMC3055815.
4. DeLisle S, Kim B, Deepak J, Siddiqui T, Gundlapalli A, Samore M, D'Avolio L. Using the electronic medical record to identify community-acquired pneumonia: toward a replicable automated strategy. PLoS One. 2013 Aug 13;8(8): e70944. doi: 10.1371/journal.pone.0070944. PMID: 23967138; PMCID: PMC3742728.
5. Wang J, Tian X, Han R, Zhang X, Wang X, Shen H, Xue L, Liu Y, Yan X, Shen J, Mannoor K, Deepak J, Donahue JM, Stass SA, Xing L, Jiang F. Downregulation of miR-486-5p contributes to tumor progression and metastasis by targeting protumorigenic ARHGAP5 in lung cancer. Oncogene. 2014 Feb 27;33(9):1181-9. doi: 10.1038/onc.2013.42. Epub 2013 Mar 11. PMID: 23474761; PMCID: PMC3883922.
6. Deepak JA, Ng X, Feliciano J, Mao L, Davidoff AJ. Pulmonologist involvement, stage-specific treatment, and survival in adults with non-small cell lung cancer and chronic obstructive pulmonary disease. Ann Am Thorac Soc. 2015 May;12(5):742-51. doi: 10.1513/AnnalsATS.201406-230OC. PMID: 25760983; PMCID: PMC4418342.
7. Gardner LD, Loffredo PhD CA, Langenberg P, George DMS, Deepak J, Harris CC, Amr S. Associations between history of chronic lung disease and non-small cell lung carcinoma in Maryland: variations by sex and race. Ann Epidemiol. 2018 Aug;28(8):543-548. doi: 10.1016/j.annepidem.2018.04.012. Epub 2018 May 7. PMID: 29778651; PMCID: PMC6333311.
8. Erickson P, Gardner LD, Loffredo CA, St George DM, Bowman ED, Deepak J, Mitchell K, Meaney CL, Langenberg P, Bernat DH, Amr S, Ryan BM. Racial and Ethnic Differences in the Relationship between Aspirin Use and Non-Small Cell Lung Cancer Risk and Survival. Cancer Epidemiol Biomarkers Prev. 2018 Dec;27(12):1518-1526. doi: 10.1158/1055-9965.EPI-18-0366. Epub 2018 Aug 31. PMID: 30171037; PMCID: PMC6279562.
9. Sameed M, Sullivan S, Marciniak ET, Deepak J. Chronic cough and cystic lung disease caused by *Bordetella bronchiseptica* in a patient with AIDS. BMJ Case Rep. 2019 Apr 16;12(4): e228741. doi: 10.1136/bcr-2018-228741. PMID: 30996069; PMCID: PMC6506123.
10. Kumar A, Sivasailam B, Marciniak E, Deepak J. EBUS-TBNA diagnosis of localised amyloidosis presenting as mediastinal lymphadenopathy. BMJ Case Rep. 2018 Dec 4;11(1): e226619. doi: 10.1136/bcr-2018-226619. PMID: 30567190; PMCID: PMC6301762.
11. Amirahmadi R MD, Kumar AJ MD, Cowan M MD, Deepak J MBBS, FACP. Lung Cancer Screening in Patients with COPD-A Case Report. Medicina (Kaunas). 2019 Jul 11;55(7):364. doi: 10.3390/medicina55070364. PMID: 31336732; PMCID: PMC6681240.
12. Hoffman SA, Manski S, Deepak J. Miliary pattern on chest imaging as a presentation of EGFR-negative primary lung adenocarcinoma. BMJ Case Rep. 2019 May 30;12(5): e228534. doi: 10.1136/bcr-2018-228534. PMID: 31151972; PMCID: PMC6557528.
13. Holden VK, Wappel S, Verceles AC, Deepak J. Impact of an Onsite Endobronchial Ultrasound Program on the Time to Treatment of Cancer in Veterans. Ann Lung Cancer. 2019;3(1):66-74. Epub 2019 Jun 14. PMID: 31552396; PMCID: PMC6759328.
14. Mehta AK, Khan Z, Deepak J. An 81-Year-Old Man with Shortness of Breath After Chemotherapy and Radiation Therapy for Lung Cancer. Chest. 2019 Sep;156(3): e63-e67. doi: 10.1016/j.chest.2019.04.091. PMID: 31511162.
15. Amariei DE, Dodia N, Deepak J, Hines SE, Galvin JR, Atamas SP, Todd NW. Combined Pulmonary Fibrosis and Emphysema: Pulmonary Function Testing and a Pathophysiology Perspective. Medicina (Kaunas). 2019 Sep 10;55(9):580. doi: 10.3390/medicina55090580. PMID: 31509942; PMCID: PMC6780454.
16. ***Janaki Deepak***, Blaine Kenaa**.**(2020) Caplan’s syndrome with a twist. International Journal of Clinical Case Reports and Reviews**.** 2(1); DOI:10.31579/ijccr/2020/007.
17. Lin Y, Holden V, Dhilipkannah P, Deepak J, Todd NW, Jiang F. A Non-Coding RNA Landscape of Bronchial Epitheliums of Lung Cancer Patients. Biomedicines. 2020 Apr 13;8(4):88. doi: 10.3390/biomedicines8040088. PMID: 32294932; PMCID: PMC7235744.
18. Cassady SJ, Lasso-Pirot A, Deepak J. Phenotypes of Bronchopulmonary Dysplasia in Adults. Chest. 2020 Nov;158(5):2074-2081. doi: 10.1016/j.chest.2020.05.553. Epub 2020 May 28. PMID: 32473946.
19. Li N, Holden VK, Deepak J, Todd NW, Jiang F. Autoantibodies against tumor-associated antigens in sputum as biomarkers for lung cancer. Transl Oncol. 2021 Feb;14(2):100991. doi: 10.1016/j.tranon.2020.100991. Epub 2020 Dec 14. PMID: 33333369; PMCID: PMC7736713.
20. Glick DR, Galvin JR, Deepak J. Complex obstructive lung disease - A diagnostic and management conundrum. Respir Med Case Rep. 2020 Nov 6;31:101283. doi: 10.1016/j.rmcr.2020.101283. PMID: 33209580; PMCID: PMC7658492.
21. Cassady SJ, Mills-Robertson K, Deepak J, Hossain R. Computed Tomography Angiography-Based Pulmonary Artery Volumetry as a Diagnostic Tool for Pulmonary Hypertension. J Comput Assist Tomogr. 2020 Sep/Oct;44(5):681-686. doi: 10.1097/RCT.0000000000001082. PMID: 328420
22. Leng Q, Holden VK, Deepak J, Todd NW, Jiang F. Microbiota Biomarkers for Lung Cancer. Diagnostics (Basel). 2021 Feb 27;11(3):407. doi: 10.3390/diagnostics11030407. PMID: 33673596; PMCID: PMC7997424.

**Book Chapter**

1. Ramasubramanian Balachandran and ***Janaki Deepak***. Tuberculous and fungal effusions- In Pleural effusions: Causes, types and Treatment-Editor Rahul Khosla-ISBN 978-1-52614-683-7,©2019 Nova Science Publishers Inc

**Best of ATS Video Lecture Series**

Jason Stankiewicz and ***Janaki Deepak***

1. Introduction to nicotine containing products
2. Nicotine Biology
3. Nicotine Management and Counselling
4. Management-Nicotine replacement therapy

**Abstracts and/or Proceedings:**

1. Poster Discussion Session

Correlation Between Aldehyde Dehydrogenase 1 (ALDH1) Expression and Clinicopathologic features in Non-Small Cell Lung cancer (NSCLC)

American Thoracic Society Meeting, San Diego

2009

1. Thematic Poster Session

American Thoracic Society Meeting New Orleans

Extreme Hypercalcemia due to Sarcoidosis

American Thoracic Society Meeting, San Diego

2009

1. Oral presentation

Fulminant Hepatic Failure Resulting from Concomitant Mercury and Acetaminophen Ingestion: An Unusual Source of Heavy Metal Poisoning

American Thoracic Society Meeting, New Orleans

2010

1. Thematic Poster Presentation

A Dangerous Case of Pregnancy-Related Thrombocytopenia

American Thoracic Society meeting, San Francisco

2012

1. Poster Discussion Session

Pulmonologist Management of Chronic Obstructive Pulmonary Disease (COPD) And Receipt of Recommended Treatment for Newly Diagnosed Non-Small Cell Lung Cancer (NSCLC)

American Thoracic Society Meeting, Philadelphia

2013

1. Thematic Poster presentation

An Unusual Case of Pulmonary Nodules

American Thoracic Society Presentation, Denver

2015

1. Thematic Poster presentation

An Unusual Cause of Lung Mass: Metastatic Leiomyosarcoma

American Thoracic Society Presentation, Denver

2015

 9. Oral Presentation

Unusual Cause of Peripheral Lung Nodules in a Patient with Idiopathic Pulmonary Fibrosis(IPF)

American Thoracic Society meeting, San Francisco

2016

1. Thematic poster presentation

Recurrent Pneumonia Caused by Diffuse Laryngotracheal Stenosis as a Consequence of Prior Prolonged Intubation in a

Patient with Systemic Lupus Erythematosus

American Thoracic Society meeting, San Francisco

2016

1. Thematic Poster presentation

Fibrosing Mediastinitis

American Thoracic Society meeting, San Francisco

2016

1. Thematic Poster session

Assessing Calorie and Protein Recommendations for Survivors of Critical Illness Weaning from Prolonged Mechanical Ventilation - Can We Find a Proper Balance?

 American Thoracic Society Meeting, Washington D.C.

 2017

1. Thematic poster session

 A Common Condition with an Uncommon Radiographic Appearance

 American Thoracic Society Meeting, Washington D.C.

2017

1. Poster Discussion Session

Time to Treatment Outcomes from a Dedicated Pulmonary Nodule Clinic

 American Thoracic Society Meeting, Washington D.C.

2017

1. Thematic Poster presentation

Bronchopulmonary Dysplasia, 21 Years Later: Pulmonary Hypertension & Emphysema in a Young Adult Bronchopulmonary Dysplasia Patient

 American Thoracic Society Meeting Dallas, TX

2019

1. Thematic Poster presentation

Volumetric Analysis of the Pulmonary Arteries Using CT Angiography as an Indicator of Pulmonary Hypertension

 American Thoracic Society Meeting Dallas, TX

2019

1. Thematic Poster presentation

 Survey of Lung Cancer Screening Practices of Internal Medicine House Staff

American Thoracic Society Meeting, Dallas TX

2019

1. Thematic Poster Presentation

 Mediastinal Lymphadenopathy in Sarcoidosis- An Unusual Masquerader

 American Thoracic Society Meeting, Dallas, TX

 2019

1. Thematic Poster Presentation

 A RA-re Case of Obstructive Lung Disease

 American Thoracic Society Meeting, Dallas, TX

2019

1. Poster Discussion Presentation

Outcomes and Demographics of Patients with Lung Nodules Undergoing Image-guided Percutaneous Ablations

 American Thoracic Society Virtual Abstract session

 2020

1. Thematic Poster Presentation

Demographic Variables That Affect Follow Up in a Lung Cancer Screening Program in an Academic Medical Center: An Observational Study

American Thoracic Society Virtual Abstract session

2020

1. Oral presentation

Dapsone-Associated Eosinophilic Pneumonia in a Patient Receiving Prophylaxis for Pneumocystis Pneumonia

American Thoracic Society Virtual Abstract session

2020

1. Oral Poster presentation

 Pulmonary Talcosis In the Setting of Cosmetic Talcum Powder Use

 American Thoracic Society Meeting, Virtual Abstract session

2020

1. Thematic Poster Presentation

A Novel Web-based Learning Series for Nicotine/tobacco Education in Pulmonary/critical Care Fellows In-training

American Thoracic Society, Virtual Abstract session

2020

**Major Invited Speeches:**

Local

1. Review of Imaging: Lung nodules and beyond. Interventional Pulmonology Course and Hands-on session. University of Maryland Medical Center, 2015
2. Lung Nodules and Beyond; Grand Rounds Medstar Harbor Hospital;2015
3. Lung Nodules and Beyond Grand Rounds Saint Agnes Hospital; 2015
4. An approach to Lung Nodules; Grand Rounds Mercy Medical center;2015
5. An approach to Lung Nodules; Advanced Nurse Practioner Symposium, Baltimore VA, 2015
6. Lung Question and Answer Panel for patients and providers; American Lung Association, Lung Force Expo Baltimore, 2017
7. Lung cancer screening, Grand Rounds Mercy medical center, 2017
8. Clinicopathologic Conference, Department of medicine Grand Rounds, University of Maryland School of Medicine,2017
9. Lung cancer screening; Department of Medicine Grand Rounds, University of Maryland school of medicine,2017
10. Nuances of Lung Cancer Screening; Keynote Speaker –American Lung Association, Lung Force Expo, Baltimore, 2018
11. Pulmonary Curbside for the practicing internist; ACP Maryland Chapter Meeting,2018, Turf Valley Maryland
12. Pulmonary Curbside; University of Maryland Midtown Campus Grand Rounds, 2018
13. Smoking Cessation Facts and Myths ;“Comprehensive Approach to Helping Others Quit Smoking” session, American Lung Association, Lung Force Expo, Baltimore
14. Integration of Tobacco Health into Mainstream Pulmonary health; MDQUIT 14th Annual conference, Turf Valley, Maryland 2020
15. Vaping to Do or Not to Do; American College of Physicians Chapter meeting, February 1st 2020, Turf Valley, Maryland
16. Smoking Myths and Facts; Mercy Grand Rounds, 2020
17. Smoking Myths and Facts, Department of Medicine Grand Rounds, University of Maryland School of Medicine ,2020
18. Webinar for National Prevention Week; Smoking myths and Facts (for lay public)

University of Maryland Community Health Engagement Center

19. Baltimore Innovation Week, The Frontlines Frontlines of COVID Response Teams- Panel Member October 9,2020

20. Baltimore VAMC Medical Grand Rounds- Vaping the new frontier

21. University of Maryland Family Medicine Grand Rounds- Vaping the Basics

22. University of Maryland Department of Otolaryngology Grand Rounds-Vaping-Primer

23. University of Maryland Department of Medicine Grand Rounds- Vaping The New Frontier

National

1. Generating Change: Who will follow? Finding the next generation of leaders- IMG subsection. ACP National Meeting, San Francisco. 2013
2. Foundations of Team-Based Care, American College of Physicians, Webinar August 11,2020

**Explanation of Time Gap:**

From 1999-2003 I did not have any professional activities for personal reasons.