

# Assembly on Thoracic Oncology (TO) Newsletter



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**Patrick Nana-Sinkam, MD**

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## Message from the Assembly Chair

Dear Assembly Friends,

Thank you so much for being part of our team and contributing to the success of the Thoracic Oncology Assembly (TOA). As we reflect on the last year, it is clear that our field continues to rapidly gain momentum with changes in practice on the immediate horizon. We strive to be at the leading edge of clinical care, policy, education and research in the field of thoracic malignancies while remaining steadfast in our commitment to growing an assembly that is both inclusive and focused on engaging the next generation of clinicians and researchers. We are so very grateful to have an assembly membership that is passionate and dedicated to ultimately improving the lives of our patients, but our work is not finished.

Please take a moment to read the TOA newsletter. We are proud of our accomplishments and proud of our teams who have worked tirelessly to prepare what we anticipate to be an engaging and educational program for 2023. A special thank you to our executive committee members:

- Nominating committee: Lynn Tanoue, MD, Chair
- Planning committee: Hasmeena Kathuria, MD, ATSF Chair and Tobias Peikert, MD, Co-Chair, Chair-elect
- Program Committee: Nichole Tanner, MD, MSCR, Chair & Melinda Aldrich, PhD Chair-elect
- Early Career Professionals Working Group: Matthew Triplette MD, Chair
- Web Committee: Tejaswi R Nadig, MBBS Web Director
- PhD and Basic and Translational Scientists Working Group: Seyed Javad Moghaddam, MD, TOA Representative
- Science and Innovation Committee: Edwin Ostrin, MD, TOA Representative
- Interventional Pulmonary Interest Group: Lonny Yarmus, DO, MBA, Chair

In the current newsletter, we provide you with a snapshot of some of the exciting programming led by both our committees and working groups. We hope that you will appreciate the scope our content that spans from fundamental bench science to immunotherapy to links between lung development and cancer to revisiting the Cancer Moonshot program.

We would like to acknowledge this past year’s recipients of the Lifetime Achievement Award: Lynn Tanoue, MD, MBA and Early Career Achievement Award: Cole Burks, MD. Their awards are a testament to their commitment and leadership within the assembly and our field. Secondly, we recognize that beyond the work of the executive committee, we have so many talented members making impactful contributions to the future of ATS and the field of thoracic malignancies. Thus, we have included a section entitled “Our Future Leaders in the Spotlight” where we introduce the membership to four early career faculty. It is our hope to highlight many more early career members who will serve to build the future of our assembly. Lastly, it has been a privilege to serve as chair of such an amazing assembly. I am truly inspired by the work that each of you do on a daily basis and have every bit of confidence in a bright future.

A sincere thank you to each of you for being part of TOA. There is so much more ahead for us.

See you in Washington DC!  
Patrick Nana-Sinkam MD

## TO Membership Meeting

**Sunday, May 21, 2023**  
**5:00 pm - 7:00 pm**

**Building: Marriott Marquis DC**  
**Room: Independence Ballroom EFGH**  
**Floor: M4**



American Thoracic Society  
 ASSEMBLIES

Want to know how the ATS Assemblies and Committees really work?  
 Would you like to get more involved?

This is your chance! You can now register here to become more involved in the ATS Assemblies, ATS Committees or both. There are many ways to grow within ATS and the Assemblies and Committees are a great starting point.

[www.thoracic.org/go/get-involved](http://www.thoracic.org/go/get-involved)

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## PLANNING COMMITTEE

Hasmeena Kathuria, MD, ATSF (Chair) & Tobias Peikert, MD (Chair-elect)

The Planning Committee is charged with shaping the long-term strategy of the Assembly, generally through soliciting and sponsoring projects including clinical practice guidelines, position papers, and workshops benefitting the Assembly.

The Thoracic Oncology Assembly has two new Official ATS Research Statements accepted for 2023:

(1) Pre-malignant progression in the airways: knowledge gaps and novel opportunities for interception. This project is led by Drs. Seyed Javad Moghaddam from UT MD Anderson Cancer Center, Rajkuma Savai from Max Plank Institute, and Robert Keith from University of Colorado, Denver.

(2) Lung Cancer Screening and Incidental Findings: A Research Agenda. This project is led by Drs. Louise Henderson from University of North Carolina, Chapel Hill, Lynn Tanoue from Yale University, and Patricia Rivera from University of Rochester Medical Center.

The following project from 2022 was accepted for renewal.

Advanced Diagnostic Bronchoscopy for Peripheral Lung Lesions: When is a Technology Ready for Clinical Use? An Official ATS Research Statement. This project is led by Drs. Anne V Gonzalez from McGill University, Gerard A. Silvestri from Medical University of South Carolina, and Lonny Yarmus from Johns Hopkins.

We look forward to seeing two projects from 2021 published this year in the American Journal of Respiratory and Critical Care Medicine:

(1) Interventions to mitigate health inequities in lung nodule evaluation: A Research Statement led by Drs. Katrina Steiling from Boston University School of Medicine and Juan Wisnivesky from Mount Sinai Hospital.

(2) Cancer-Related Fatigue in Patients with Lung Cancer: A Research Agenda led by Drs. Brett Bade from Yale University, Duc Ha from University of Colorado School of Medicine, Miranda Tan from Memorial Sloan Kettering Cancer Center, Saadia Faiz from MD Anderson Cancer Center, and Patricia Rivera from University of Rochester Medical Center.

Kathleen (Kathy) Capaccione, MD, PhD a cardiothoracic radiology fellow at Columbia University Irving Medical Center, was selected to be the Planning Committee's apprentice through the Apprenticeship Program for the 2022-2023 cycle. Dr. Capaccione helped provide evaluations and reviews of project applications.

Lastly, the Planning Committee evaluated multiple nominations for the Lifetime Achievement Award and the Early Career Achievement Award. The recipients of the 2022 awards:

Lifetime Achievement Award: Lynn Tanoue, MD, MBA  
 Early Career Achievement Award: Cole Burks, MD.

Recipients of the 2023 Lifetime Achievement Award, the inaugural Mid-Career Achievement Award, and the Early Career Achievement Awards will be announced at the Assembly Meeting in May 2023.

### Submit an Assembly/Committee Project Application for Funding in FY2024!

We are happy to announce that ATS will once again accept **NEW Assembly/Committee Projects for FY2024**. All interested applicants should begin developing their ideas for Assembly/Committee Project Applications. **Applications will be available on the ATS website at [www.thoracic.org](http://www.thoracic.org)**

Please consider submitting an application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your **Assembly Planning Committee Chair: Hasmeena Kathuria, MD, ATSF at [hasmeena@bu.edu](mailto:hasmeena@bu.edu) or Co Chair- Tobias Peikert, MD at: [peikert.tobias@mayo.edu](mailto:peikert.tobias@mayo.edu)**

For questions regarding submissions please contact Miriam Rodriguez  
Tel: (212) 315-8639 or email: [Mrodriguez@thoracic.org](mailto:Mrodriguez@thoracic.org).

## PROGRAM COMMITTEE

Nichole Tanner MD,MSCR (Chair) & Melinda C. Aldrich, PhD, MPH (Chair- Elect)

The TOA Program committee is thrilled to present an outstanding and diverse program at the International Conference this year. In preparation for the ATS 2023 Conference in Washington DC, the committee sought to highlight important and evolving areas in thoracic oncology including the Cancer Moonshot, early detection and translational research. The committee collaborated with the early career professional working group to engage young faculty to moderate and facilitate sessions.

There were many meritorious scientific symposia submissions and abstracts reviewed by the committee. The Assembly has 3 major scientific symposia, 3 mini-symposia, State of the Art: Lung Cancer 2023 postgraduate course, thoracic oncology year in review, 5 poster discussions, and 6 thematic poster sessions. Assembly highlights for this year's thoracic oncology programming include:

**State of the Art: Lung Cancer 2023 (Saturday):** This longest running and popular post graduate course will provide attendees with the latest updates on topics such as updates in advanced bronchoscopy, biomarkers across the spectrum of lung cancer, lung cancer in women, updates in surgical treatment and SBRT, and the evolving role for immunotherapy.

**REIGNITING THE CANCER MOONSHOT: ATS = MISSION CONTROL FOR LUNG CANCER (Monday, 9am)** This symposium will highlight the overarching themes of the White House Cancer Moonshot version 2.0 including expanding use of proven cancer prevention and early detection strategies and development of new enabling cancer technologies. We are excited to have the Under Secretary of Health at the US Department of Veteran Affairs. Dr. Sherrif Elnahal joining the panel discussion.

**CANCER IN THOSE WHO HAVE NEVER SMOKED: NEW INSIGHTS FROM BENCH TO BEDSIDE (Tuesday, 9am)** This session will highlight a range of topics related to lung cancer in people who have never smoked.

**THE EVOLVING ROLE FOR IMMUNOTHERAPY IN LUNG CANCER (Wednesday, 8am)**

This symposium will provide a comprehensive overview of immunotherapy in lung cancer from where it started, the latest indications and future roles for treatment of all stages of lung cancer.

**LINKING LUNG DEVELOPMENT AND CARCINOGENESIS: FROM PATHWAYS TO LUNGMAP AND THE PRECANCER ATLAS**

This session will explore the links between lung development and lung carcinogenesis and will focus on efforts like the LungMAP Consortium and the Precancer Atlas to accelerate new directions in studies of cancer development.

**ATS 2023 International Conference  
Assembly on Thoracic Oncology (TO) Sessions**

| <b>Session Code</b> | <b>Session Title</b>   | <b>Session Type</b>                             | <b>Session Date</b> | <b>Session Start Time</b> | <b>Session End Time</b> |
|---------------------|--|---|---------------------|---------------------------|-------------------------|
| PG14                | STATE OF THE ART: LUNG CANCER IN 2023  | Postgraduate Course                             | 5/20/2023           | 8:00 AM                   | 4:00 PM                 |
| A19                 | LUNG CANCER SCREENING: WHERE THE RUBBER MEETS THE ROAD   | Mini Symposium                                  | 5/21/2023           | 9:00 AM                   | 11:00 AM                |
| A30                 | ALL THINGS INTERVENTIONAL PULMONARY A LIVELY POSTER DISCUSSION   | Poster Discussion Session                       | 5/21/2023           | 9:00 AM                   | 11:00 AM                |
| A74                 | RARE CASES IN THORACIC ONCOLOGY  | Thematic Poster Session                         | 5/21/2023           | 9:00 AM                   | 4:15 PM                 |
| A75                 | A MEDLEY OF INTERESTING LUNG CANCER CASES  | Thematic Poster Session                         | 5/21/2023           | 9:00 AM                   | 4:15 PM                 |
| MTE5                | LUNG NODULE: HOW CAN WE INCREASE THE BIOPSY DIAGNOSTIC YIELD   | Meet the Expert                                 | 5/21/2023           | 10:15 AM                  | 11:15 AM                |
| MTE8                | MITIGATING DISPARITIES IN THE LUNG CANCER SCREENING PIPELINE   | Meet the Expert                                 | 5/21/2023           | 12:00 PM                  | 1:00 PM                 |
| A110                | LUNG CANCER RISK, SCREENING, TREATMENT, AND OUTCOMES   | Poster Discussion Session                       | 5/21/2023           | 2:15 PM                   | 4:15 PM                 |
| B10                 | REIGNITING THE CANCER MOONSHOT: ATS = MISSION CONTROL FOR LUNG CANCER  | Scientific Symposium                            | 5/22/2023           | 9:00 AM                   | 10:30 AM                |
| B72                 | EXCITING CASES IN INTERVENTIONAL PULMONARY AND PLEURAL DISEASE   | Thematic Poster Session                         | 5/22/2023           | 9:00 AM                   | 4:15 PM                 |
| B73                 | TRULY SYMPTOMATIC OR JUST MIMICKING? LUNG CANCER CASES   | Thematic Poster Session                         | 5/22/2023           | 9:00 AM                   | 4:15 PM                 |
| MTE24               | LOCAL THERAPEUTICS APPROACHES IN MALIGNANT PLEURAL MESOTHELIOMA: RATIONALE, CLINICAL DEVELOPMENT AND FUTURE STRATEGIES | Meet the Expert                                 | 5/22/2023           | 12:00 PM                  | 1:00 PM                 |
| B110                | PROBING THE LUNG: THE LATEST IN INTERVENTIONAL PULMONARY   | RAPiD: Rapid Abstract Poster Discussion Session | 5/22/2023           | 2:15 PM                   | 4:15 PM                 |
| C7                  | CANCER IN THOSE WHO HAVE NEVER SMOKED: NEW INSIGHTS FROM BENCH TO BEDSIDE  | Scientific Symposium                            | 5/23/2023           | 9:00 AM                   | 10:30 AM                |
| C30                 | LUNG CANCER SURGERY APPROACHES AND OUTCOMES  | Poster Discussion Session                       | 5/23/2023           | 9:00 AM                   | 11:00 AM                |
| C76                 | SARCOMA AND NEUROENDOCRINE TUMORS: CASES IN THORACIC ONCOLOGY  | Thematic Poster Session                         | 5/23/2023           | 9:00 AM                   | 4:15 PM                 |
| C77                 | LUNG NODULES, CAVITIES, AND LYMPHOMAS: CASES IN THORACIC ONCOLOGY  | Thematic Poster Session                         | 5/23/2023           | 9:00 AM                   | 4:15 PM                 |
| C99                 | ADVANCES IN BIOMARKERS ACROSS THE LUNG CANCER CONTINUUM  | Mini Symposium                                  | 5/23/2023           | 2:15 PM                   | 4:15 PM                 |

|       |   |                           |           |          |          |
|-------|---|---------------------------|-----------|----------|----------|
| D31   | IMAGING, BIOMARKERS, AND MACHINE LEARNING IN LUNG CANCER                            | Poster Discussion Session | 5/24/2023 | 8:00 AM  | 10:00 AM |
| D11   | THE EVOLVING ROLE FOR IMMUNOTHERAPY IN LUNG CANCER                                  | Scientific Symposium      | 5/24/2023 | 8:00 AM  | 9:30 AM  |
| MTE54 | UNDERSTANDING SEVERE AND STEROID-REFRACTORY IMMUNE CHECKPOINT INHIBITOR PNEUMONITIS | Meet the Expert           | 5/24/2023 | 11:00 AM | 12:00 PM |
| D98   | UPDATE ON THE "OMICS" OF LUNG CANCER: A TRANSLATIONAL SESSION                       | Mini Symposium            | 5/24/2023 | 12:00 PM | 2:00 PM  |

**ATS 2023 INTERNATIONAL CONFERENCE  
ADDITIONAL SESSIONS OF INTEREST**

| <b>Session Code</b> | <b>Session Title</b>  | <b>Session Type</b>  | <b>Session Date</b> | <b>Start Time</b> | <b>End Time</b> |
|---------------------|---|----------------------|---------------------|-------------------|-----------------|
| A11                 | CARING FOR HISTORICALLY MARGINALIZED PATIENTS: ETHICAL, LEGAL AND ADVOCACY PRIMER FOR PROVIDERS                                 | Scientific Symposium | 5/21/2023           | 9:00 AM           | 10:30 AM        |
| A10                 | ASTHMA HOT TOPIC 2023: WHICH "ICS PLUS BRONCHODILATOR" RELIEVER FOR WHICH PATIENT?  | Scientific Symposium | 5/21/2023           | 9:00 AM           | 10:30 AM        |
| A9                  | USING TECHNOLOGY TO SAVE THE BRAIN AND BODY: NOVEL INTERVENTIONS TO MANAGE PAIN, ANXIETY, DELIRIUM, AND PROMOTE MOBILITY IN ICU | Scientific Symposium | 5/21/2023           | 9:00 AM           | 10:30 AM        |
| A8                  | BRONCHOPULMONARY DYSPLASIA ACROSS THE LIFESPAN  | Scientific Symposium | 5/21/2023           | 9:00 AM           | 10:30 AM        |
| A7                  | THE NEW ATS CLINICAL PRACTICE GUIDELINES FOR PULMONARY REHABILITATION   | Scientific Symposium | 5/21/2023           | 9:00 AM           | 10:30 AM        |
| A6                  | BEYOND TRANSCRIPTOMICS: THE NEXT FRONTIER IN COPD/EMPHYSEMA   | Scientific Symposium | 5/21/2023           | 9:00 AM           | 10:30 AM        |
| A89                 | CAN ENVIRONMENTAL INTERVENTIONS CHANGE THE SOCIAL DETERMINANTS OF HEALTH?   | Scientific Symposium | 5/21/2023           | 2:15 PM           | 3:45 PM         |
| A87                 | NEW TREATMENT APPROACHES FOR BRONCHIECTASIS   | Scientific Symposium | 5/21/2023           | 2:15 PM           | 3:45 PM         |
| A88                 | NEURO-IMMUNE INTERACTIONS IN LUNG DEVELOPMENT AND DISEASE   | Scientific Symposium | 5/21/2023           | 2:15 PM           | 3:45 PM         |
| B12                 | ATS CLINICAL PRACTICE GUIDELINES: CLINICAL PRACTICE ON THE CUTTING EDGE   | Scientific Symposium | 5/22/2023           | 9:00 AM           | 10:30 AM        |
| B7                  | SICKLE CELL LUNG DISEASE ACROSS THE LIFESPAN: WHERE ARE WE NOW?   | Scientific Symposium | 5/22/2023           | 9:00 AM           | 10:30 AM        |

|     |  |                      |           |         |          |
|-----|--|----------------------|-----------|---------|----------|
| B8  | BEYOND THE LUNGS: EXTRAPULMONARY MANIFESTATIONS OF PULMONARY VASCULAR DISEASE                                    | Scientific Symposium | 5/22/2023 | 9:00 AM | 10:30 AM |
| B11 | GLOBAL INSIGHTS ON THE LONG-TERM SEQUELAE OF INFECTIONS: BEYOND COVID  | Scientific Symposium | 5/22/2023 | 9:00 AM | 10:30 AM |
| B9  | SEX-SPECIFIC MECHANISMS OF LUNG DISEASE PATHOGENESIS THROUGH THE LENS OF SINGLE CELL RNA SEQUENCING              | Scientific Symposium | 5/22/2023 | 9:00 AM | 10:30 AM |
| B6  | NON-PAP ALTERNATIVES FOR OSA: FROM ACCEPTED TO REVOLUTIONARY   | Scientific Symposium | 5/22/2023 | 9:00 AM | 10:30 AM |
| B10 | REIGNITING THE CANCER MOONSHOT: ATS = MISSION CONTROL FOR LUNG CANCER  | Scientific Symposium | 5/22/2023 | 9:00 AM | 10:30 AM |
| B92 | INNOVATIVE APPROACHES TO PERSONALIZED SEVERE ASTHMA MANAGEMENT   | Scientific Symposium | 5/22/2023 | 2:15 PM | 3:45 PM  |
| B90 | IMPROVING THE DIAGNOSIS AND MANAGEMENT OF PEDIATRIC ACUTE RESPIRATORY DISTRESS SYNDROME                          | Scientific Symposium | 5/22/2023 | 2:15 PM | 3:45 PM  |
| B88 | LEAPS AND BOUNDS: REDUCING HEALTHCARE'S CARBON FOOTPRINT   | Scientific Symposium | 5/22/2023 | 2:15 PM | 3:45 PM  |
| B87 | CONTROVERSIES IN PEDIATRIC OBSTRUCTIVE SLEEP APNEA: A PRO/CON DEBATE   | Scientific Symposium | 5/22/2023 | 2:15 PM | 3:45 PM  |
| B89 | TRANSCRIPTOMIC PROFILING OF PULMONARY VASCULAR LESIONS UNRAVEL MECHANISMS OF PULMONARY ARTERIAL HYPERTENSION     | Scientific Symposium | 5/22/2023 | 2:15 PM | 3:45 PM  |
| B86 | PRECISION MEDICINE IN PNEUMONIA  | Scientific Symposium | 5/22/2023 | 2:15 PM | 3:45 PM  |
| C11 | ADVANCING CLINICAL ISSUES TO ATS AND CAPITOL HILL: THE OXYGEN THERAPY EXEMPLAR                                   | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C6  | DISPARITIES IN RESPIRATORY GENOMICS RESEARCH: STRATEGIES TO ADVANCE SCIENCE AND CLINICAL CARE                    | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C5  | DISMANTLING STRUCTURAL RACISM FROM RISK AND DISEASE PREDICTION IN PULMONARY AND CRITICAL CARE MEDICINE           | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C8  | NEW CONCEPTS AND UPDATE IN THE DIAGNOSIS AND MANAGEMENT OF NTM AND TB INFECTIONS                                 | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C9  | REHABILITATION FOR THE POST-COVID POPULATION   | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C10 | OPIOID USE DISORDER, SLEEP DEFICIENCY, AND VENTILATORY CONTROL: BIDIRECTIONAL MECHANISMS AND THERAPEUTIC TARGETS | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C7  | CANCER IN THOSE WHO HAVE NEVER SMOKED: NEW INSIGHTS FROM BENCH TO BEDSIDE  | Scientific Symposium | 5/23/2023 | 9:00 AM | 10:30 AM |
| C89 | ACHIEVING HEALTH EQUITY: REDUCING THE IMPACT OF SDOH THROUGH RESEARCH AND ADVOCACY                               | Scientific Symposium | 5/23/2023 | 2:15 PM | 3:45 PM  |
| C85 | A PATH TOWARDS A MORE DIVERSE AND INCLUSIVE WORKFORCE  | Scientific Symposium | 5/23/2023 | 2:15 PM | 3:45 PM  |

|     |  |                      |           |          |         |
|-----|--|----------------------|-----------|----------|---------|
| C88 | BIOLOGICAL IMPACT OF COVID-19 ACROSS THE LIFESPAN  | Scientific Symposium | 5/23/2023 | 2:15 PM  | 3:45 PM |
| C87 | A MEASURED RESPONSE: ASSESSING TREATMENT OUTCOMES IN PULMONARY HYPERTENSION  | Scientific Symposium | 5/23/2023 | 2:15 PM  | 3:45 PM |
| C86 | BEYOND THE TRANSCRIPTOME: HOW THE MULTI-“OMIC” UNIVERSE PROVIDES NOVEL INSIGHTS INTO IPF/ILD PATHOGENESIS                              | Scientific Symposium | 5/23/2023 | 2:15 PM  | 3:45 PM |
| D5  | REVISITING BEST BUY INTERVENTIONS FOR THE DIAGNOSIS AND MANAGEMENT OF CHRONIC RESPIRATORY DISEASES IN LOW- AND MIDDLE-INCOME COUNTRIES | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D6  | OBESITY-RELATED ASTHMA: MECHANISTIC STUDIES BEGIN TO INFORM THERAPEUTICS   | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D10 | AN AGE-FRIENDLY FRAMEWORK FOR CARING FOR OLDER ADULTS WITH CHRONIC LUNG DISEASE  | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D7  | WANT TO BE AN ADVOCATE FOR LUNG HEALTH? LEARN FROM SUCCESS!  | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D8  | UNDER THE MAGNIFYING GLASS: OMICS AND DEEP PHENOTYPING IN PULMONARY VASCULAR DISEASES  | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D9  | IT'S ABOUT TIME! THE CIRCADIAN CLOCK IN LUNG DISEASE, FROM BENCH TO BEDSIDE  | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D11 | THE EVOLVING ROLE FOR IMMUNOTHERAPY IN LUNG CANCER   | Scientific Symposium | 5/24/2023 | 8:00 AM  | 9:30 AM |
| D86 | HUMANS, ANIMALS, THE ENVIRONMENT: WHY IS THE ONE HEALTH APPROACH NEEDED FOR EMERGING HEALTH ISSUES?                                    | Scientific Symposium | 5/24/2023 | 12:00 PM | 1:30 PM |
| D87 | THE UN HIGH LEVEL MEETING ON TB 2023: A CHANCE TO BEAT THIS PARTICULAR PANDEMIC  | Scientific Symposium | 5/24/2023 | 12:00 PM | 1:30 PM |
| D88 | BEYOND BIOENERGETICS: CELLULAR METABOLISM IN LUNG HEALTH AND DISEASE   | Scientific Symposium | 5/24/2023 | 12:00 PM | 1:30 PM |
| D89 | OSA-ASSOCIATED INFLAMMATION AND COMORBIDITIES: CAUSES AND CONSEQUENCES   | Scientific Symposium | 5/24/2023 | 12:00 PM | 1:30 PM |

## WEB COMMITTEE

Tejaswi R Nadig, MBBS (Web Director)

The Web committee of the Thoracic Oncology Assembly serves to promote and improve outreach of various educational activities conducted by the assembly. As part of the restructuring of the TOA web committee, we have joined in monthly meetings with the Early Career Physicians Working Group (ECPWG) to better support their educational efforts. In conjunction with ECPWG, we have supported and promoted 3 interdisciplinary webinars in 2022-23. Additionally, in this past year, we have spent a significant amount of time editing several recordings of the ATS Breathe Easy Podcast (<https://www.thoracic.org/about/ats-podcasts/index.php#to>) hosted by our very own ECPWG members. In April 2022, Melissa New, MD (University of Colorado) spoke with nationally recognized educators in a podcast titled "Teaching Bronchoscopy: Insights from Expert Educators" which has over 1700 downloads. In

October 2022, as a continuation of the Interventional Pulmonology Career Pathway Series, Mark Weir, MBChB, MRCP (Temple University) spoke to Dr. Edmund Moon (Medical Director Cell/Gene Therapy Program GlaxoSmithKline) regarding the balancing of an IP career along with translational cancer research lab and making the switch to industry which again was widely downloaded. Most recently, Ismini Kourouni, MD (Care Western Reserve University) interviewed a cytopathologist, Dr. Caroline Abramovich, MD (Care Western Reserve University) regarding the pathologist's perspective on small tissue handling in a podcast titled "Thinking Cellularity in the Bronchoscopy Suite" which was released in January 2023. To further effective social media outreach, we have been assisted with more prominent and effective posts by Roger Kim, MD, an Interventional pulmonology fellow at the University of Pennsylvania. With the help of Instagram and Twitter (@atstoa), we have had increased uptake and attendance at all TOA events. As a part of lung cancer awareness month in November 2022, an initiative to highlight the prominent members of the TOA and their work was undertaken on Twitter. There was a great response with over 50 tweets which led to around 50 new followers joining our twitter handle. We hope all members of not only the assembly, but the ATS organization as a whole, will benefit from the work performed by these amazing volunteers. To find out more, visit: <https://www.thoracic.org/members/assemblies/assemblies/thoracic-oncology/>

 Follow us on Twitter @atstoa



## EARLY CAREER PROFESSIONALS WORKING GROUP

Matthew Triplette MD, MPH (Chair)

The Early Career Professionals Working Group serves to promote and foster the engagement, involvement, education and growth of our next generation of leaders within the Thoracic Oncology Assembly. Our current working group for 2022-2023 includes a record twelve early career members who are diverse in their institutions, career stage and professional interests. One of our primary roles is to provide educational content through webinars, journal clubs, and podcasts in close collaboration with our Web Committee. We have hosted 3 interdisciplinary webinars this year, bringing together experts and early career faculty members to discuss relevant topics in thoracic oncology. We also support the **Mentoring program**. Last year we made nine mentee-mentee matches, and look forward to more mentor-mentee pairings this year at ATS. We organize and host other virtual events, including our Fireside Chat Series, to further facilitate and encourage networking between senior, mid-career, and early professionals within our Assembly, and this January were joined by our Chair Dr. Nana-Sinkham for a fireside chat. We also provide opportunities to promote the growth of Early Career Professionals through the **ATS Apprenticeship Program** and **Teaching Competition**. Each year, the Apprenticeship Program selects one early career member for our Assembly's Program, Planning, and Web Committees, and during the apprenticeship period, each receives mentorship and engages in the activities of their assigned committee. The Teaching Competition offers a venue for early career educators to showcase and be recognized for their teaching skills.

Please contact us at [toa@thoracic.org](mailto:toa@thoracic.org) if you are interested in getting involved.



### Assembly Mentoring Programs' Meeting Spot

Struggling to find a quiet location to meet with your mentor? The Assembly Mentoring Programs is offering a meeting spot exclusively for mentors and mentee to meet.

#### Renaissance Hotel

(Lobby level: Red Bud Room)

Sunday, May 21 – Monday, May 22 from 7 am to 7 pm

**Please note, this space is exclusively for Mentoring Program participants\***

ATS Contact- Nicole Feijoo at [NFeijoo@thoracic.org](mailto:NFeijoo@thoracic.org)

## PHD AND BASIC AND TRANSLATIONAL SCIENTISTS WORKING GROUP

Seyed Javad Moghaddam, MD (Chair)

The “PhD and Basic and Translational Scientists Working Group” (PBTS WG) started in 2018, is currently co-chaired by Samantha Yeligar, PhD (Assembly on PI-TB) and James Londino, PhD (Assembly on RCMB). It is charged with enhancing the value of ATS membership for basic and translational scientists, specifically PhD, identifying their concerns, developing ways of increasing ATS value delivered to them and improving their overall ATS experience. The PBTS WG consists of thirty-six members that are drawn from each of the fourteen ATS Assemblies. The WG meets monthly via Zoom to discuss issues of importance to (1) non-clinical ATS members (i.e., Ph.D. scientists) and (2) research-intensive physician-scientists.

The activities of the PBTS WG are at the core of the ATS mission, the ATS membership, and the structure of ATS as the leading professional society. Through the partnership with various ATS committees and groups, the PBTS WG advocates for PhDs, scientists, and health professionals seeking their retention and engagement, and makes efforts to educate and bring awareness to all levels of the ATS leadership and staff on matters concerning this important segment of the ATS membership. During the past year, the PBTS WG has been extraordinarily active in developing programs for its constituency as well as devising strategies to recruit PhD scientists to the ATS Society. We have highlighted some of the WG's efforts in the subsequent text.

**1. Research Integrity.** There is a need for formally recognized research integrity training for basic science and translational researchers as scientific organizations increasingly require training specified in grant applications and fellowships. The Research Integrity subcommittee, headed by Thomas Mariani, PhD (Assembly on RCMB), was formed to promote ATS as a recognized leader among professional societies in promoting the basic principles of Research Integrity through education, information dissemination, and collaboration and to make integrity a part of all ATS members' research practices, procedures, and processes.

**2. Seminar.** With the goal of highlighting PhD scientists and innovative methods/techniques in a seminar format, the Seminar subcommittee was formed under the co-leadership of Nicholas Jendzjowsky, PhD (Assembly on All) and Lindsay McDonald, PhD (Assembly on RCMB). The planned structure for 2-3 seminars per year with the co-sponsorship of assemblies within the ATS is a discussion of the research, preferably by a PhD early career scientist, followed by discussion. We are also reaching out to stakeholders in funding agencies to discuss how research techniques fit into their funding portfolios.

**3. Survey.** To understand the rationale as to why PhD scientists attend the ATS International Conference but are not ATS members, Janette Burgess, PhD, ATSF (Assembly on RSF) has assembled a subcommittee of PBTS WG members to design a survey to answer this question. This survey will be distributed to all 2023 ATS International Conference attendees who hold a Ph.D. or equivalent and spend 50% or more of their time in research yet are not currently ATS members. The PBTS WG hopes to use the survey data to understand how the ATS and PBTS WG can be best equipped to address their needs.

**4. Equity and ATS Opportunities.** Under the co-leadership of Carolyn Cannon, MD, PhD (Assembly on PI-TB) and Melissa Valerio-Shewmaker, MD, MPH (Assembly on BSHSR), among several focuses, the Equity and ATS Opportunities subcommittee is working on emphasizing a parity in the fee structure for PhD scientists at the conference. This subcommittee has also worked with the ATS Health Equity and Diversity Committee to help promote diversity.

## Reception for PhDs & Other Basic Science Researchers

**Sunday, May 21 from 3 p.m. - 5 p.m.** The reception will be held in the Science and Innovation Center (SIC) at the Walter E. Washington Convention Center (Reception area in Hall D, Level 2). There will be food provided and activities during the event will include an opportunity to get to meet and network with other scientists, to engage with leaders from the ATS and assemblies and to provide feedback regarding activities or programs that ATS could offer to benefit the basic and translational science members, especially those who are not also clinicians.

**Register Here:** <https://conference.thoracic.org/program/events/reception-phd-other-basic-science-researchers.php>

## SCIENCE AND INNOVATION COMMITTEE

Edwin Ostrin, MD, PhD (TOA Representative)

The Science and Innovation Center will have a devoted space at the International Conference. The SIC committee has met to plan a full itinerary, including talks from experts, product demonstrations, and a reception for basic and translational scientists attending. Of note to the Thoracic Oncology community, the SIC has scheduled a seminary co-sponsored by RCMB and TO on overlaps between the Precancer Atlas and the LungMAP projects. This seminar will be held on Wednesday May 24 at 7am.

## INTERVENTIONAL PULMONARY WORKING GROUP

Lonny Yarmus, DO, MBA (Chair)

The Interventional Pulmonary Interest Group is focused on partnering with the ATS TOA membership and the Interventional Pulmonary Outcomes Group (IPOG) to organize and aid in efforts to evaluate new or existing technologies focused on diagnostic and therapeutic interventions for the lung. Through a collaborative mission the ATS TOA Interventional Pulmonary Interest group and IPOG have partnered to develop and conduct practice-changing clinical trials in the Lung Cancer and IP space. Several examples of current open multicentered IPOG trials include:

- *EBUS ROSE and NGS*: a multicentered RCT investigating intraprocedural techniques during EBUS to optimize specimen acquisition for next generation sequencing sufficiency. (NCT04945317)
- *FROSTBITE -2*: A multicentered RCT investigating the impact of Cryobiopsy vs conventional forceps on diagnostic yield during bronchoscopy (NCT pending)
- *VERITAS*: A multicentered RCT comparing diagnostic outcomes of guided bronchoscopy vs CT guided biopsy (NCT04250194)

The group is also in the final phases towards completing the Thoracic Oncology Assembly Research Policy Statement on *Advanced Diagnostic Bronchoscopy: When is a Technology Ready for Clinical Use?* to published in 2023

We are excited to launch new initiatives for the IP interest group to mentor young investigators from within the IP education and research through collaborative research and expanding the groups webinar portfolio.

The next webinar entitled: Next Generation Testing for Early Stage NSCLC: Molecular Markers in the Periphery. Given

the advances in neoadjuvant earlier stage lung cancer outcomes will focus on the changing landscape in bronchoscopic tissue sampling and the rationale behind efforts to adapt techniques to optimize success in obtaining tissue for molecular analysis in the periphery. The webinar will be scheduled in 2023 and organized and presented by **Jeffery Thiboutot, MD**, Assistant Professor of Medicine at Johns Hopkins University and **Roger Kim, MD**, IP Fellow at the University of Pennsylvania.

## OUR FUTURE LEADERS IN THE SPOTLIGHT

### Melissa New MD

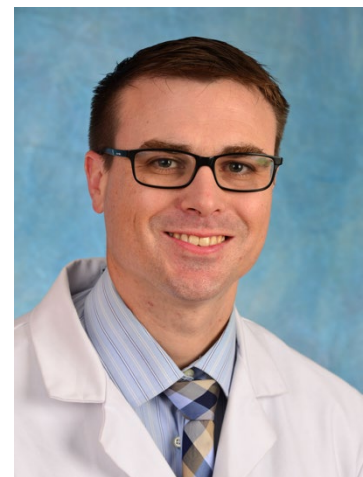
I am an Assistant Professor at the University of Colorado and an Associate Program Director for the Pulmonary Critical Care Medicine Fellowship. I practice primarily at the Rocky Mountain Regional VA Medical Center where I focus on lung nodule management and diagnosis. My academic area of interest is medical education related to lung cancer, shared decision-making, and bronchoscopy.

“Being a member of the Thoracic Oncology Assembly has truly enriched my ATS experience. Connecting with people from all over the country with related interests has not only been fun and fulfilling, but has made me think about the work I do in the context of a whole thoracic oncology pulmonary community.”



### A.Cole Burks MD

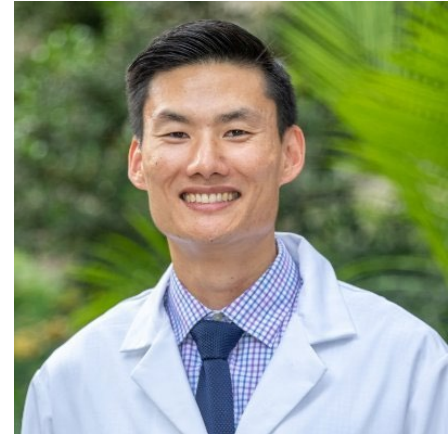
I am an Assistant Professor of Medicine within the Division of Pulmonary and Critical Care Medicine at the University of North Carolina School of Medicine. I joined faculty here in 2017 after completing my PCCM and Interventional Pulmonology fellowships at Washington University in St. Louis. My clinical focus includes thoracic oncology - specifically the early detection, management and palliation of malignancies within the thorax. From lung cancer screening and nodule management to pleural disease and central airway obstruction, I care for all stages of thoracic cancers. This is reflected in my academic interests, with the main focus being on research and development of imaging techniques for the diagnosis and treatment of lung cancer; including novel microscopic technologies, real time intraprocedural imaging methods, and peripheral endobronchial ultrasound applications for identification and treatment of nodules.



“Since my official introduction to the Thoracic Oncology Assembly, I have found nothing but encouraging and thoughtful mentorship and comradery.” The opportunities the TOA provides for professional networking, growth, and education have been incredible and the leadership is constantly looking to include new and existing members in thoracic oncology centered projects. The TOA as a whole is a group of inspiring and approachable individuals that truly support and lift each other up at every chance. I’m honored to be a part of that group and look forward to continuing to return the favors I have found there.

## Roger Kim, MD, MSCE

I am an Interventional Pulmonology Fellow in the Section of Interventional Pulmonology and Thoracic Oncology in the Division of Pulmonary, Allergy and Critical Care at the University of Pennsylvania. My research concentrates on optimizing the diagnostic process in thoracic oncology, with particular focuses on lung cancer screening and risk stratification of indeterminate pulmonary nodules. I completed my fellowship in Pulmonary and Critical Care at the University of Pennsylvania, during which time I also earned a Master of Science in Clinical Epidemiology. I have been fortunate to receive the University of Pennsylvania Department of Medicine Bradley Clinical Research Fellow Award, the *Annals of Internal Medicine* Top Peer Reviewer Award, the American Thoracic Society Assembly on Thoracic Oncology Abstract Scholarship, and the American College of Physicians (CT Chapter) Internal Medicine Award. He currently serves on the American Thoracic Society Thoracic Oncology Assembly Early Career Professionals Working Group. In my free time, I enjoy playing ice hockey, making music, and going on long walks with my wife, son, and dog.



“I greatly value being a member of the ATS Thoracic Oncology Assembly. I have met many wonderful colleagues and mentors through the TOA and enjoy sharing thoughts and ideas with my brilliant co-members. That we are all fully committed to improving the lives of patients with thoracic malignancies is inspiring, and I feel blessed to be part of this exceptional community of clinicians, scholars, and investigators.”

## Jeffrey Thiboutot MD MHS

Since graduating PCCM and Interventional Pulmonary fellowship in 2020 at Johns Hopkins University, I stayed on and joined the faculty here at Hopkins. I am currently an Assistant Professor of Medicine with a clinical focus in thoracic oncology and research focus in development and translation of minimally invasive diagnostics and therapeutics for lung cancer. On the translational side, my research has focused on the use of a novel non-invasive imaging technique, optical coherence tomography, to study both the in vivo microstructures of the lung and ex vivo small biopsy samples for rapid on-site evaluation. I have also had the opportunity to lead and conduct several pragmatic clinical effectiveness trials focusing on optimal bronchoscopic tissue acquisition. I am currently the PI for the FROSBITE-2 trial, one of the largest randomized controlled trials in Interventional Pulmonology, comparing the diagnostic yield of transbronchial biopsy using a newly developed miniaturized cryoprobe versus traditional forceps across patients with suspected lung cancer (nodules), diffuse lung disease, and post-lung transplant allograft recipients. “As much of my research reaches across multiple disciplines and centers, it would not be possible without the support of the Thoracic Oncology Assembly community.” Through TOA, I have established and developed working relationships with many colleagues from around the country and lean on these relationships on a daily basis. I am extremely grateful for the opportunities the TOA has provided and look forward to contributing as an active member in the TOA community.



## ATS GUIDELINE METHODOLOGY TRAINING PROGRAM

Kevin Wilson

The ATS has a Guideline Methodology Training Program that provides hands-on training in guideline development. An informational program is being held on Monday, May 22nd from 7:00 to 8:30 PM in the Mint Room (meeting level 4) of the Marriott Marquis. Anyone who is interested in learning more about clinical practice guideline development and the ATS training program is welcome to attend. Light appetizers will be served. Please RSVP to [kwilson@thoracic.org](mailto:kwilson@thoracic.org). Space is limited.

Additional information:

Clinical practice guideline development has changed dramatically over the past two decades. Formal standards must now be met as defined by the Institute of Medicine (now the National Academy of Medicine), which include a specific approach to identifying evidence, summarizing evidence, formulating recommendations, and rating both the quality of evidence and the strength of the recommendations. The ATS and other guideline developers have learned that to successfully adhere to these standards, a guideline methodologist is necessary on each guideline committee. Guideline methodologists are individuals who are capable of leading systematic reviews (i.e., develop search strategies, select studies, extract data, perform meta-analyses, and construct evidence tables and summary of findings tables) and leading the formulation and grading of evidence-based recommendations. The requirement that there be a methodologist on every guideline committee has created an imbalance, with the demand for methodologists far exceeding the supply. As organizations move toward continuously updating guidelines and demand increases, this imbalance will worsen.

To combat this trend and build methodological capacity, the ATS has a methodology training program that takes individuals who have an interest in learning guideline methodology and places them on a guideline panel that needs methodological support. The trainee does the hands-on methodological work for the panel with guidance from the ATS methodologist and, in return, gains experience and middle co-authorship on the guideline. After working on one or two such guideline projects, the trainee will likely have the skills necessary to become an independent methodologist. We believe that this is a potential career pathway, particularly well-suited for clinician educators. Additional benefits of the program include a) systematic reviews performed during the development of the guideline are often publishable as independent entities and the trainee would be the first author on such derivatives, and b) participation in a methodology training workshop.

For more information on the training program, see Wilson KC, et al. American Thoracic Society Guideline Methodology Training Program. *ATS Scholar* 2022; 3(3): 379-389. Available at <https://www.atsjournals.org/doi/full/10.34197/ats-scholar.2022-0037PS>.

## EXECUTIVE COMMITTEE

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| <b>Planning Committee Co-<br/>Chair</b>                                      | <b>Co-Chair:</b> Tobias Peikert,<br>MD              | <a href="mailto:peikert.tobias@mayo.edu">peikert.tobias@mayo.edu</a> ;                     |
| <b>Web Committee</b>   | Tejaswi Nadig, MD                                   | <a href="mailto:nadigt@musc.edu">nadigt@musc.edu</a> ;                                     |
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