Stanford



Brian Shaller

Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

CLINICAL OFFICE (PRIMARY)

- **Medicine**

  300 Pasteur Dr Rm JC007

  Stanford, CA 94305

  Tel (650) 725-5071 **Fax** (650) 725-8381

Bio

CLINICAL FOCUS

- Interventional Pulmonology
- Pulmonary Medicine
- Pleural Disease
- Lung Cancer
- Critical Care
- Pulmonary Disease

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

ADMINISTRATIVE APPOINTMENTS

- Program Director, Interventional Pulmonology Fellowship, Stanford University, (2024- present)
- Unit-Based Medical Director - M6, Stanford University, (2022- present)
- Associate Program Director, Interventional Pulmonology Fellowship, Stanford University, (2021-2024)

HONORS AND AWARDS

- Distinguished Service Award, American Association for Bronchology and Interventional Pulmonology (2024)
- Teaching Award, Division of Pulmonary, Allergy & Critical Care Medicine (2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Transbronchial Peripheral Lung Therapeutics Working Group, AABIP (2025 - present)
- Member, Research Committee, American Association of Bronchology and Interventional Pulmonology (AABIP) (2026 - present)
- Co-Chair, Abstract Review Subcommittee, American Association for Bronchology and Interventional Pulmonology (AABIP) (2026 - present)
- Member, Joint Interventional Pulmonology Fellowship Accreditation Committee, AABIP/AIPPD (2022 - present)
- Member, American Association for Bronchology and Interventional Pulmonology (AABIP) (2019 - present)

PROFESSIONAL EDUCATION

- Fellowship: Cleveland Clinic Foundation (2020) OH
- Board Certification, American Association of Bronchology and Interventional Pulmonology , Interventional Pulmonology (2021)
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2019)
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2018)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2016)
- Fellowship, Cleveland Clinic , Interventional Pulmonary Medicine (2020)
- Fellowship, Stanford University , Pulmonary & Critical Care Medicine (2019)
- Residency, Stanford University , Internal Medicine (2016)
- Medical Education, Albert Einstein College of Medicine , Doctor of Medicine (M.D.) (2013)

Research & Scholarship

CLINICAL TRIALS

- POWER Study (Prospective Transbronchial Microwave + Robotic-Assisted Bronchoscopy), Not Recruiting

Publications

PUBLICATIONS

- **Nondiagnostic Lung Biopsies: Radiologist Performance in Prediction of Malignancy.** *Academic radiology*
  Altmayer, S., Guo, H. H., Lin, M., Vigneault, D. M., You, H., Patel, P., Shaller, B., Chang, J., Free, D., Yenepalli, A., Choi, H. J., Hochhegger, B., Leung, et al
  2026

- **Near-Infrared Indocyanine Green Fiducial Placement During Biopsy to Guide Subsolid Lesion Resection**
  Kennedy, G., Chang, C. C., Wallen, B., Shaller, B., Berry, M., Chang, J., Liou, D., Backhus, L., Shrager, J., Lui, N., Guenthart, B., Patel, P., Elliott, et al
  MOSBY-ELSEVIER.2026: S119

- **Endobronchial Valves for Persistent Air Leak in Children: Two Case Reports and Review of the Literature.** *Pediatric pulmonology*
  Demir, Z., Schwab, M. E., Balakrishnan, K., Sidell, D., Shaller, B., Free, D., Bozkanat, K. M.
  2026; 61 (4): e71638

- **Endobronchial Ultrasound-guided Transbronchial Needle Aspiration Detection of PET-CT Negative Contralateral Hilar Lymph Node Metastasis in the Staging of Non-small cell Lung Cancer.** *Journal of bronchology & interventional pulmonology*
  Tharwani, A., Shaller, B., Aravena, C., Rathunde, L., Sarda, Y., Cicenia, J., Sethi, S., Ribeiro Neto, M. L., Choi, H., Gillespie, C., Gildea, T., Lam, L., Mehta, et al
  2026; 33 (2)

- **Cone Beam Computed Tomography-Guided Bronchoscopy versus Computed Tomography-Guided Transthoracic Needle Biopsy for Peripheral Pulmonary Lesion Diagnosis.** *Chest*
  Patel, P., Ost, D. E., Shaller, B., Chang, J., Yenepalli, A., Choi, H. J., Free, D., Kang, C. Y., Sumner, E., Cao, C., Bedi, H.
  2026

- **The Society of Thoracic Surgeons (2025) Expert Consensus Document on Interventions for Screen-Detected Lung Nodules.** *The Annals of thoracic surgery*
  Servais, E., Hayanga, J. W., Linden, P., Sood, P., Raymond, D. P., Antonoff, M. B., Chudgar, N. P., Keshava, H. B., Velotta, J. B., Crabtree, T., Jeffrey Yang, C. F., Raz, D., Tong, et al
  2026

- **Intraprocedural real-time imaging and tissue sampling in peripheral bronchoscopy.** *Current opinion in pulmonary medicine*
  Senyei, G., Shaller, B. D., Di Felice, C., Sethi, S.
  2025

- **State of the art: peripheral diagnostic bronchoscopy.** *Journal of thoracic disease*
  Sumner, E. T., Chang, J., Patel, P. R., Bedi, H., Shaller, B. D.
  2024; 16 (8): 5409-5421
- **Application of Diagnostic Stewardship to Fungal Polymerase Chain Reaction: Low Yield of Follow-up Testing on Plasma and Bronchoalveolar Lavage After a Negative Result.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
  Wang, T., Park, B., Anderson, G., Shaller, B., Budvytiene, I., Banaei, N.
  2024
- **Added Value of a Robotic-assisted Bronchoscopy Platform in Cone Beam Computed Tomography-guided Bronchoscopy for the Diagnosis of Pulmonary Parenchymal Lesions.** *Journal of bronchology & interventional pulmonology*
  Shaller, B. D., Duong, D. K., Swenson, K. E., Free, D., Bedi, H.
  2024; 31 (3)
- **State of the art: peripheral diagnostic bronchoscopy** *Journal of Thoracic Disease*
  Sumner, E. T., Chang, J., Patel, P. R., Bedi, H., Shaller, B. D.
  2024; (online ahead of print)
- **Imaging in peripheral bronchoscopy.** *Current opinion in pulmonary medicine*
  Shaller, B. D., Sethi, S., Cicenia, J.
  2023
- **Tracheal stenosis and airway complications in the Coronavirus Disease-19 era.** *Annals of thoracic surgery short reports*
  Krishnan, A., Guenthart, B. A., Choi, A., Trope, W., Berry, G. J., Pinezich, M. R., Vunjak-Novakovic, G., Shaller, B., Sung, C. K., Liou, D. Z., Damrose, E. J., Lui, N. S.
  2023
- **Immediate and Follow-up Imaging Findings after Cone-Beam CT-guided Transbronchial Lung Cryobiopsy.** *Radiology. Cardiothoracic imaging*
  Pogatchnik, B. P., Swenson, K. E., Duong, D. K., Shaller, B., Bedi, H., Guo, H. H.
  2023; 5 (2): e220149
- **Endobronchial Ultrasound-guided Transbronchial Needle Aspiration of Primary Cardiac Synovial Sarcoma of the Left Ventricle.** *American journal of respiratory and critical care medicine*
  Irfan, H., Filsuf, D., Mooney, K. L., Bedi, H., Shaller, B. D.
  2022
- **Malignant Central Airway Obstruction: What's New?** *Seminars in respiratory and critical care medicine*
  Shaller, B. D., Filsoof, D., Pineda, J. M., Gildea, T. R.
  2022
- **Systemic arterial gas embolism (SAGE) as a complication of bronchoscopic lung biopsy: a case report and systematic literature review.** *Journal of thoracic disease*
  Swenson, K. E., Shaller, B. D., Duong, K., Bedi, H.
  2021; 13 (11): 6439-6452
- **Prospective validation of an 11-gene mRNA host response score for mortality risk stratification in the intensive care unit.** *Scientific reports*
  Moore, A. R., Roque, J., Shaller, B. T., Asuni, T., Remmel, M., Rawling, D., Liesenfeld, O., Khatri, P., Wilson, J. G., Levitt, J. E., Sweeney, T. E., Rogers, A. J.
  2021; 11 (1): 13062
- **"I Now Walk Into the Wild": Atelectasis During Peripheral Bronchoscopy Under General Anesthesia.** *Chest*
  Shaller, B. D., Almeida, F. A.
  2020; 158 (6): 2268–69
- **What is the value of electromagnetic navigation in lung cancer and to what extent does it require improvement?** *Expert review of respiratory medicine*
  Shaller, B. D., Gildea, T. R.
  2020; 14 (7): 655-669
- **Atypical Blastomycosis Masquerading as Lofgren Syndrome.** *American journal of respiratory and critical care medicine*
  Shaller, B. D., Chen, S. B., Ho, D. Y., Yu, D. H.

2020

- **A generalizable 29-mRNA neural-network classifier for acute bacterial and viral infections.** *Nature communications*
  Mayhew, M. B., Buturovic, L., Luethy, R., Midic, U., Moore, A. R., Roque, J. A., Shaller, B. D., Asuni, T., Rawling, D., Remmel, M., Choi, K., Wacker, J., Khatri, et al
  2020; 11 (1): 1177