

## **CURRICULUM VITAE**

**Leonard H.T. Go, M.D.**

### **EDUCATION AND TRAINING**

Fellowship, Pulmonary and Critical Care Medicine, McGaw Medical Center, Northwestern University, Chicago, IL, July 2009 to June 2012.

Postdoctoral Research Fellow, Department of Internal Medicine, Division of Pulmonary and Critical Care Medicine, Feinberg School of Medicine, Chicago, IL, July 2008 to June 2009.

Residency, Internal Medicine, University of Texas at Southwestern Medical Center, Dallas, TX, July 2006 to June 2008.

Internship, Internal Medicine, University of Texas at Southwestern Medical Center, Dallas, TX, July 2005 to June 2006.

Doctor of Medicine, College of Medicine, University of Illinois, Chicago, IL, 2005.

Bachelor of Science in Biological Chemistry and Bachelor of Arts in Chemistry, The College, University of Chicago, Chicago, IL, 2000.

### **ACADEMIC APPOINTMENTS**

Research Assistant Professor, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago, Chicago, IL, July 2019 to Present.

Adjunct Assistant Professor, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago, Chicago, IL, August 2014 to July 2019.

Assistant Professor, Department of Medicine, Rush University College of Medicine, Chicago, IL, 2012-2014.

### **CLINICAL APPOINTMENTS**

Medical Director, National Coalition of Black Lung and Respiratory Disease Clinics, Inc. September 2019 to Present.

Health System Clinician, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL. July 2019 to Present.

Senior Attending Physician, Division of Pulmonary and Critical Care Medicine, Department of Medicine, John H. Stroger, Jr. Hospital of Cook County, Chicago, IL. 2012-2019.

Medical Director, Pulmonary Procedures Program, John H. Stroger, Jr. Hospital of Cook County, 2012-2017.

Medical Co-Director, Tuberculosis Control Program, John H. Stroger, Jr. Hospital of Cook County, 2013-2019.

Clinical Instructor, Division of Hospital Medicine, Department of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL, 2008-2009.

### **CONSULTING POSITIONS**

U.S. Department of Labor, Office of Workers' Compensation Programs, 2014-2015.

Queensland Department of Natural Resources and Mining, Queensland, Australia, 2015-2016.

Queensland Department of Natural Resources, Mining and Energy, Queensland, Australia, 2018 to present.

### **REVIEW AND REFEREE WORK**

Ad-hoc reviewer, study section, National Institute of Occupational Safety and Health, 2017.

### **CERTIFICATIONS AND LICENSURE**

Pulmonary Disease, American Board of Internal Medicine, certified through December 2021.

Critical Care Medicine, American Board of Internal Medicine, certified through December 2022.

Licensed Physician, State of Illinois.

### **SOCIETY MEMBERSHIPS**

Member, American Thoracic Society

### **TEACHING**

Stroger Hospital of Cook County:

Didactic clinical teaching, 15 contact hours annually, 2012 to 2019. Internal medicine residents and medical students.

University of Illinois at Chicago:

Didactic clinical teaching 2 contact hours annually 2015 to present. Occupational medicine residents.

Mentorship of Fellows:

Ashish Angl, MD	2018-2019
Hung-I Liao, MD	2018-2019
Daniel Saul, MD	2015-2018
Luis Watanabe-Tejada, MD	2015-2018
Ashima Sahni, MD	2014-2017
Aparna Kumar, MD	2013-2016
Akash Vasireddy, MD	2013-2016
Farhan Ahmed, MD	2012-2015
Venkat Rajasurya, MD	2012-2015
Mamoun Abdoh, MD	2012-2014
Elias Alhanoun, MD	2012-2014
Humayun Anjum, MD	2012-2014

## **CLINICAL INTERESTS**

Occupational lung disease  
Tuberculous and non-tuberculous mycobacterial disease  
Lung cancer  
Pleural disease

## **INVITED PRESENTATIONS**

“Black Lung Clinical Database: An Approach to Understanding Lung Disease in Former Coal Miners”. National Coalition of Black Lung and Respiratory Disease Clinics Conference, Bristol, VA on September 10, 2015.

“Coal Mine Dust and the Former Miner”. West Virginia Black Lung Conference, Pipestem, WV on June 9, 2016.

“Training Update for Department of Labor Black Lung Disability Evaluation Providers”. West Virginia Black Lung Conference, Pipestem, WV on June 10, 2016.

“Occupational Causes of Lung Cancer in the Mining Industry”. National Coalition of Black Lung and Respiratory Disease Clinics Conference, Lexington, KY on September 14, 2016.

“Department of Labor 413b Provider Training Update”. National Coalition of Black Lung and Respiratory Disease Clinics Conference, Lexington, KY on September 16, 2016.

“Using a Registry to Understand the Outbreak in Progressive Massive Fibrosis”. West Virginia Black Lung Conference, Pipestem, WV on June 7, 2017.

“Department of Labor 413b Provider Training Update”. National Coalition of Black Lung and Respiratory Disease Clinics Conference, Salt Lake City, UT on September 29, 2017.

“The Spectrum of Coal Mine Dust Lung Disease”. Queensland (Australia) Department of Natural Resources and Mines, Nominated Medical Adviser/Examining Medical Officer Training, Brisbane, Australia on December 9, 2017.

“The Spectrum of Coal Mine Dust Lung Disease”. Queensland (Australia) Department of Natural Resources and Mines, Nominated Medical Adviser/Examining Medical Officer Training, Mackay, Australia on December 13, 2017.

“Rapidly Progressive Pneumoconiosis: Beyond Progressive Massive Fibrosis”. West Virginia Black Lung Conference, Pipestem, WV on June 8, 2018.

“Mineral Dust Lung Disease Registry Update”, National Coalition of Black Lung and Respiratory Disease Clinics Conference, Chicago, IL on September 27, 2018.

“Department of Labor 413b Provider Training Update”. National Coalition of Black Lung and Respiratory Disease Clinics Conference, Chicago, IL on September 28, 2018.

“Achieving High-Quality Spirometry in the Coal Mine Workers’ Health Scheme”. Queensland (Australia) Department of Natural Resources and Mines, Nominated Medical Adviser/Examining Medical Officer Training, Brisbane, Australia on November 10, 2018.

“Workers’ Compensation, Clinical Data, and Registries to Improve the Understanding of Pneumoconiosis”. Queensland (Australia) Department of Natural Resources, Mines and Energy, Dust and Respiratory Health Forum, Brisbane, Australia on November 12, 2018.

“Rapidly Progressive Pneumoconiosis: Clinical, Pathologic and Mineralogic Findings.” West Virginia Black Lung Conference, Pipestem, WV on June 6, 2019.

“Misconceptions about Obstructive Lung Disease and Coal Mine Dust: Clearing the Air.” National Coalition of Black Lung and Respiratory Disease Clinics Conference, Gatlinburg, TN on September 25, 2019.

“Pulmonary Toxicants in the Coal Mine Atmosphere.” Queensland (Australia) Department of Natural Resources, Mines and Energy, Appointed Medical Adviser/Examining Medical Officer Training, Brisbane, Australia on November 9, 2019.

“Pulmonary Toxicants in the Coal Mine Atmosphere.” Queensland (Australia) Department of Natural Resources, Mines and Energy, Dust and Respiratory Health Forum, Brisbane, Australia on November 11, 2019.

“Silicosis: From Gauley Bridge to the 21<sup>st</sup> Century.” Global Cut the Dust Conference, Gold Coast, Australia on February 25, 2020.

“Simple Pneumoconiosis Is Not So Simple.” Global Cut the Dust Conference, Gold Coast, Australia on February 25, 2020.

“Literature Year in Review” Resources Safety and Health Queensland (Australia), Dust and Respiratory Health Forum on November 14, 2020.

## TRAINING CURRICULA

Cohen RA and **Go L**. *Black Lung Disability Evaluation and Claims Training for Medical Examiners*, developed with the United States Department of Labor, Office of Workers' Compensation Programs, Division of Coal Mine Workers' Compensation. 2015. Accessible at <https://www.publichealthlearning.com/course/view.php?id=94>.

Cohen RA, Yates D and **Go L**. Coal Mine Worker Examiner Training Curriculum, developed with the Queensland (Australia) Department of Natural Resources, Mines and Energy, 2017 to Present.

## GOVERNMENT REPORTS

Review of the respiratory component of the Coal Mine Workers' Health Scheme for the Queensland Department of Natural Resources and Mines. 2016 July. Pages 1-116.

Almberg KS, **Go LHT**, Yates DH, Waite TD, Cohen RA. Silicosis return to work review: Return to work and vocational rehabilitation support for workers suffering from silicosis. 2020 January. Pages 1-39.

Cohen RA, **Go LHT**, Almberg KS, Kennedy K, Liguori D, Iwaniuk C, Chung J, DePonte K, Jones C, Newbigin K, Tallaksen R. Review of CT scan classifications performed under the Coal Mine Workers' Health Scheme. 2020 August 10. Pages 1-29.

## BIBLIOGRAPHY

### Peer-reviewed articles:

1. **Go LH**, Corbridge TC. Teratoma of the ovary with sarcomatous transformation and pulmonary metastases. *The ScientificWorldJournal* 2011; 11:584-586.
2. Mutlu GM, Budinger GR, Wu M, Lam AP, Zirk A, Rivera S, Urich D, Chiarella SE, **Go LH**, Ghosh AK, Selman M, Pardo A, Varga J, Kamp DW, Chandel NS, Sznajder JI, Jain M. Proteasomal inhibition after injury prevents fibrosis by modulating TGF-beta1 signalling. *Thorax* 2012; 67(2):139-146.

3. **Go LHT**, Jain M. Diagnosis of cystic fibrosis in adults. *Clin Pulm Med* 2012; 19(4):159-164.
4. **Go LHT**, Krefft SD, Cohen RA, Rose CS. Lung disease and coal mining: What pulmonologists need to know. *Curr Opin Pulm Med* 2015; 22(2):170-178.
5. **Go L**, Budinger GR, Kwasny MJ, Peng J, Forel JM, Papazian L, Jain M. Failure to improve the oxygenation index is a useful predictor of therapy failure in acute respiratory distress syndrome clinical trials. *Crit Care Med* 2016; 44(1);e40-e44.
6. Schroedl CJ, **Go LHT**, Cohen RA. Coal mine dust lung disease: The silent coal mining disaster. *Curr Respir Med Rev* 2016; 12(1):65-73.
7. Almberg KS, Halldin CN, Blackley DJ, Laney AS, Storey E, Rose CS, **Go LHT**, Cohen RA. Progressive massive fibrosis resurgence identified in U.S. coal miners filing for federal black lung benefits, 1970-2016. *Ann Am Thor Soc* 2018; 15(12):1420-1426.
8. Almberg KS, Friedman LS, Rose CS, **Go LHT**, Cohen RA. Progression of coal workers' pneumoconiosis absent further exposure. *Occup Environ Med* 2020; 77(11):748-751.
9. **Go LHT** and Cohen RA. Coal workers' pneumoconiosis and other mining-related lung disease: New manifestations of illness in an age-old occupation. *Clin Chest Med* 2020; 41(4):581-603.
10. Gandhi SA, Cohen RA, Blanc PD, **Go LHT**. Early radiographic pneumoconiosis is associated with impaired exercise gas exchange among coal miners with normal resting spirometry. *Am J Ind Med* 2021; 64(6):453-461.

#### **Book chapters:**

1. Cohen RA, **Go LHT**, Green FHY. Coal mine dust lung disease. In *Parkes' Occupational Lung Disorders*, 4<sup>th</sup> edition, 2016.
2. Cohen RA and **Go LHT**. Coal mine dust lung disease. In *ERS Monograph Edition 89: Occupational and Environmental Lung Disease*. 2020.
3. **Go LHT** and Cohen RA. Pneumoconioses. In *Murray & Nadel's Textbook of Respiratory Medicine*, 7<sup>th</sup> edition, 2021.

#### **Abstracts:**

1. **Go LHT**, Mutlu G, Budinger GRS, Lam A, Rivera S, Radigan K, Chandel NS, Sznajder JI, Jain M. Proteasomal blockade inhibits TGF-beta1-mediated signaling in human lung and skin fibroblasts. *Am J Resp Crit Care Med* 2011; 183:A2714.

2. AlMBERG KS, Friedman L, Graber JM, Petsonk EL, Rose C, **Go LHT**, Cohen RA. Cardiopulmonary disease among Illinois miners, results of an analysis of state workers' compensation data. *Am J Resp Crit Care Med* 2015; 191:A1748.
3. Cohen RA, Graber J, Harris G, AlMBERG K, **Go LH**, Petsonk EL, Rose C. Spirometry and chest radiographs in US coal miners: analysis of data from the Federal Black Lung Program. *Am J Resp Crit Care Med* 2016; 193:A2996.
4. Cohen RA, **Go LH**, AlMBERG K, DePonte K, Glass DC, Roberts MH, Sim MH. Coal workers' pneumoconiosis resurfaces in Queensland Australia: a report of chest imaging from the Coal Mine Workers' Health Scheme for the Queensland Department of Natural Resources and Mines. *Am J Resp Crit Care Med* 2017; 195:A7310.
5. AlMBERG KS, **Go LH**, Rose CS, Petsonk EL, Graber JM, Harris G, Cohen RA. Progression of radiographic coal workers' pneumoconiosis absent further exposure among former US coal miners applying for federal black lung benefits, 2000-2013. *Am J Resp Crit Care Med* 2017; 195:A7313.
6. AlMBERG K, Halldin CN, Blackley DJ, Laney S, Storey E, Rose CS, **Go L**, Cohen RA. Resurgence of progressive massive fibrosis in US coal miners filing for Federal Black Lung Program benefits. *Am J Resp Crit Care Med* 2018; 197:A6064.
7. Gandhi S, AlMBERG K, **Go L**, Cohen RA. Lung function declines in former coal mine workers absent further exposure. *Am J Resp Crit Care Med* 2018; 197:A6069.
8. **Go LHT**, Lowers HA, Sanyal S, Abraham JL, Green FHY, Franko A, Murray J, Vorajee NI, Rose CS, Zell-Baran L, Petsonk EL, Zulfikar R, Thomas L, AlMBERG KS, Cohen RA. Mineralogic analysis of lung tissue from a former coal miner with rapidly progressive pneumoconiosis and progressive massive fibrosis. *Am J Resp Crit Care Med* 2019; 199:A1820.
9. Cohen RA, Orandle M, Hubbs AF, AlMBERG KS, **Go LH**, Clingerman S, Fluharty K, Dodd T, Rose CS, Abraham JL, Sanyal S, Franko A, Murray J, Vorajee N, Zell-Baran L, Petsonk EL, Zulfikar R, Green FHY. Pathologic type of progressive massive fibrosis in the National Coal Workers' Autopsy Study (NCWAS) 1971-1996. *Am J Resp Crit Care Med* 2019; 199:A2758.
10. AlMBERG KS, Halldin CN, **Go LHT**, Laney AS, Rose CS, Storey E, Cohen RA. Trends in mortality patterns among U.S. coal miners filing for federal black lung program benefits, 1970 to 2016. *Am J Resp Crit Care Med* 2019; 199:A2759.
11. Gandhi S, Cohen RA, Rasmussen DL, AlMBERG KS, **Go LHT**. Impact of diffusion capacity measurement in the evaluation of former coal miners for coal mine dust lung disease. *Am J Resp Crit Care Med* 2019; 199:A4260.
12. **Go L**, Abraham JL, Lowers H, Sanyal S, AlMBERG KS, Cool C, Franko A, Green FHY, Murray J, Petsonk EL, Rose C, Ruybal D, Sarver E, Vorajee N, Zell-Baran L, Zulfikar R, Cohen RA.

Mineralogic analysis of lung tissue from US coal miners demonstrates greater silica burden in modern cases of progressive massive fibrosis. *Am J Resp Crit Care Med* 2020; 201:A2631.

13. AlMBERG KS, Zell-Baran L, Abraham JL, Cool C, Franko A, Green FHY, Murray J, Sanyal S, Vorajee N, **Go L**, Rose CS, Petsonk EL, Hubbs A, Orandle M, Clingerman S, Liguori D, Kennedy K, Zulfikar R, Cohen RA. Intra- and inter-rater reliability of pathologic classification of type of progressive massive fibrosis among deceased U.S. coal miners. *Am J Resp Crit Care Med* 2020; 201:A2632.
14. Gandhi S, Cohen RA, Blanc PD, Rasmussen DL, **Go L**. Coal mine jobs with high silica exposure predict abnormal gas exchange during exercise. *Am J Resp Crit Care Med* 2020; 201:A2633.
15. Sarver E, Keles C, Lowers H, Zulfikar R, Zell-Baran L, Vorajee N, Sanyal S, Rose CS, Petsonk EL, Murray J, Green FHY, **Go L**, Franko A, Cool C, Abraham JL, AlMBERG KS, Cohen RA. Mineralogic analysis of respirable dust from 24 underground coal mines in four geographic regions of the United States. *Am J Resp Crit Care Med* 2020; 201:A2635.
16. **Go L**, AlMBERG KS, Rose CS, Zell-Baran L, Harris D, Tomann M, Vonhof W, Weems D, Friedman L, Mastel K, Cohen RA. Clinically significant lung function abnormalities among US former coal miners with and without radiographic coal workers' pneumoconiosis. *Am J Resp Crit Care Med* 2021; 203:A3033.
17. AlMBERG KS, Friedman L, **Go L**, Harris DA, Mastel K, Rose CS, Tomann M, Vonhof W, Weems D, Zell-Baran L, Cohen RA. Substantial burden of lung obstruction observed among former US coal miners who never smoked. *Am J Resp Crit Care Med* 2021; 203:A3037.
18. AlMBERG KS, Halldin CN, Friedman L, **Go L**, Rose CS, Cohen RA. Excess mortality from chronic lower respiratory disease, lung cancer, and pneumoconiosis is increasing in US coal miners. *Am J Resp Crit Care Med* 2021; 203:A3036.
19. Zell-Baran L, AlMBERG KS, **Go L**, Cohen RA, Iwaniuk C, Halldin CN, Abraham JL, Cool C, Franko A, Green FHY, Murray J, Sanyal S, Vorajee N, Sarver E, Lowers H, Rose CS. Contemporary coal miners with progressive massive fibrosis have shorter mining tenures compared to their historic counterparts. *Am J Resp Crit Care Med* 2021; 203:A3035.
20. Cohen RA, Rose CS, **Go LHT**, Zell-Baran L, AlMBERG KS, Sarver E, Lowers H, Iwaniuk C, Clingerman S, Richardson D, Abraham JL, Cool C, Franko A, Hubbs AF, Murray J, Orandle M, Sanyal S, Vorajee N, Green FHY. Pathologic findings of progressive massive fibrosis in contemporary coal miners show features of accelerated silicosis compared to historical cases. *Am J Resp Crit Care Med* 2021; 203:A3034.
21. Hua JT, Zell-Baran L, **Go LHT**, Kramer MR, van Bree JB, Chambers DC, Deller DN, Newbigin K, Matula MA, Fireman EM, Dahbash M, Martinez-Gonzalez C, Leon-Jimenez A, Sack CS, AlMBERG KS, Cohen RA, Rose CS. Occupational exposure and clinical characteristics among



engineered stone fabrication workers with silicosis in an international registry. *Am J Resp Crit Care Med* 2021; 203:A3039.

22. **Go L**, Abraham JL, Almberg KS, Cool C, Franko A, Green FHY, Murray J, Rose CS, Sanyal S, Vorajee N, Zell-Baran L, Hubbs A, Orandle M, Clingerman S, Richardson D, Lowers H, Sarver E, Cohen RA. Increase in the proportion of silica-type progressive massive fibrosis suggested over the history of the National Coal Workers' Autopsy Study. *Am J Resp Crit Care Med* 2021; 203:A3038.