

Madhuri Penugonda, M.D.

II. PERSONAL

Medical Family Leave and Continuing Medical Education, July 2011-February 2013.
Citizenship: United States of America.
Intermediate Proficiency in Spanish.

III. EMPLOYMENT

Intermountain Health, St. Vincent Healthcare, Billings Pediatric Specialty Clinic, Pediatric Pulmonology Locum Tenens, Billings, MT, September 2023-Present.
University of New Mexico Hospital, Pediatric Pulmonology Locum Tenens, Albuquerque, NM, May 2023-Present.
University of Florida College of Medicine, Assistant Professor in Pediatric Pulmonology, Pensacola, FL, July 2019-June 2022.
Penn State Milton S. Hershey Medical Center, Pediatric Pulmonology Locum Tenens, Hershey, PA, May-June 2018.
University of Alabama in Birmingham, Children's of Alabama and North Alabama Children's Specialists, Assistant Professor in Pediatric Pulmonology, Birmingham and Huntsville, AL, November 2015-November 2017.
Children's Lung, Asthma and Sleep Specialists, Pediatric Pulmonology Private Practice, Winter Park, FL, March 2013-October 2014.

IV. POST GRADUATE TRAINING

Pediatric Pulmonology Fellowship, Emory University, Atlanta, GA, July 2008-June 2011.
Chief Resident in Pediatrics, Nassau University Medical Center, East Meadow, NY, July 2007-June 2008.
Pediatric Residency, Nassau University Medical Center, East Meadow, NY, July 2004-June 2007.
Family Medicine Residency, Wyoming Valley Family Medicine Residency Program, Kingston, PA, July 2003-June 2004.

V. EDUCATION

Universidad Iberoamericana School of Medicine, Avenida Francia No 129, Santo Domingo, Dominican Republic, 9/1995-5/1999, Degree: *Doctor of Medicine, August 1999.*

University of North Dakota, 3501 University Ave, Grand Forks, North Dakota -

58202, 7/1994-8/1995 - *Research Assistant*.

University of Illinois, 901 W. Illinois St, Urbana, Illinois - 61801, 9/1991-5/1994

Degree: *Bachelor of Science, Psychology, May 1994.*

Wilkes University, 84 W. South St, Wilkes-Barre, Pennsylvania - 18766, 9/1989-5/1991.

VI. CERTIFICATIONS

American Board of Pediatrics; Pediatric Pulmonology - Board Certified

American Board of Pediatrics; General Pediatrics - Board Certified

USMLE STEPS 1, 2 CK and 3 - Passed

Clinical Skills Assessment Exam (CSA)/ USMLE Step 2 CS - Passed

ECFMG Certification - Obtained 2003

Basic Cardiac Life Support (BCLS) - Current certification

Pediatric Advanced Life Support (PALS) - Current certification

VII. STATE MEDICAL LICENSURES

California, Florida, Montana, New Mexico, Pennsylvania (active)

Alabama, Georgia (lapsed)

VIII. CLINICAL EXTERNSHIPS

Pediatrics, Canton Pediatrics, Canton, Ohio, 2002.

Family Medicine, University of North Dakota Family Practice Center and Altru Hospital, Grand Forks, North Dakota, 2002.

Obstetrics and Gynecology, Rand Memorial Hospital, Freeport, Bahamas, 2002.

Internal Medicine, Aultman Hospital, Canton, Ohio; VA Medical Center, Fargo, North Dakota; Bon Secours Hospital, Grosse Pointe, Michigan, 1999-2003.

IX. HONORS AND AWARDS

Eighth Annual Respiratory Diseases Young Investigators' Forum, September 2011.

American Thoracic Society Fellows Track Symposium Travel Scholarship, May 2011.

Pediatric Fellows' Teaching Competition, Emory University, Awarded Second Place, June 2010.

American College of Chest Physicians 11th Pediatric Fellows Conference Travel Scholarship, October 2009.

American Thoracic Society GlaxoSmithKline Pulmonary/Critical Care Training Program Travel Scholarship, May 2009.

X. INVITED LECTURES

Crohn's Disease of the Airway.

Presented a talk on Crohn's Disease of the Airway at Baystate Children's Hospital Pediatric Grand Rounds, September 2021.

Pediatric Asthma.

Presented a talk on Pediatric Asthma at the Huntsville Hospital Pediatric Conference, August 2017.

Differential Responses to Systemic Corticosteroids in Children with Severe Asthma. Selected in the top 15 clinical pulmonary research among entries from around the country to orally present at the Eighth Annual Respiratory Diseases Young Investigators' Forum, September 2011.

Differential Responses to Systemic Corticosteroids in Children with Severe Asthma. Abstract presented at the American Thoracic Society International Conference for a thematic poster/ oral discussion, May 2011.

Lung Acoustics 101.

Selected in the top 5 pediatric fellows to present a subject of our choice from our specialty. Top 3 prizes were awarded to the best design and delivery of a mini-lecture. I was awarded second place at the Emory University Department of Pediatrics Fellows' Teaching Competition, June 2010.

Persistent Productive Cough, Worsening Wheezing and Exertional Dyspnea in a 14 1/2-year girl. Crohn's Disease of the Airway.

Selected in the top 5 pediatric pulmonary cases from around the world as an oral presentation for Clinical Topics in Pulmonary Medicine, Pediatric Clinical Chest Rounds Session at the American Thoracic Society International Conference, May 2009.

XI. PUBLICATIONS

A. Peer-Reviewed Journal Articles

Szabadi, S, Sila, Z, Dewey, J, Rowland, D, **Penugonda, M**, Ergun-Longmire, B. A Review of Prader–Willi Syndrome. *Endocrines*. 2022 Jun; 3(2):329–348.

Fitzpatrick AM, Stephenson ST, Hadley GR, Burwell L, **Penugonda M**, Simon DM, Hansen J, Jones DP, Brown LA. Thiol redox disturbances in children with severe asthma are associated with posttranslational modification of the transcription factor nuclear factor (erythroid-derived 2)-like2. *J Allergy Clin Immunol*. 2011 Jun;127(6):1604-11.

Sorkness RL, Teague WG, **Penugonda M**, Fitzpatrick AM. Sex dependence of airflow limitation and air trapping in children with severe asthma. National Institutes of Health. National Heart, Lung and Blood Institute's Severe Asthma Research Program. *J Allergy Clin Immunol*. 2011 Apr;127(4):1073-4.

Busse WW, Peters SP, Fenton MJ, Mitchell H, Bleecker ER, Castro M, Wenzel S, Erzurum SC, Fitzpatrick AM, Teague WG, Jarjour N, Moore WC, Sumino K, Simeone S, Ratanamaneechat S, **Penugonda M**, Gaston B, Ross TM, Sigelman S, Schiepan JR, Zaccaro DJ, Crevar CJ, Carter DM, Togias A. Vaccination of patients with mild and severe asthma with a 2009 pandemic H1N1 influenza virus vaccine. *J Allergy Clin Immunol*. 2011 Jan;127(1):130-7.

B. Web Based Journal Review Articles

Penugonda M and Schechter M. Review of the *Use of beclomethasone dipropionate as rescue treatment for children with mild persistent asthma (TREXA): a randomized, double-blind, placebo-controlled trial.* Martinez FD et al. *Lancet.* Feb 19; 377(9766):650-7. Faculty of 1000 Medicine, #8987956. 20 Apr 2011.

C. Book Chapters

Penugonda M, Vehse NW, Ferkol TW, Rubin BK. Primary Ciliary Dyskinesia and Other Genetic Lung Diseases. In the *AAP Pediatric Pulmonology Book*, 2nd Edition, American Academy of Pediatrics. 2023; Chapter 47, pp 817-847.

Penugonda M, Simon DM, Light M. Review of Primary Ciliary Dyskinesia and Other Genetic Lung Diseases. In the *AAP Pediatric Pulmonology Book*, American Academy of Pediatrics. 2011; Chapter 38, pp 745-775.

D. Abstracts and Proceedings

Penugonda M, Whitlock D, Brown SW, Stephenson ST, Hadley GR, Fitzpatrick AM. Differential responses to systemic corticosteroids in children with severe asthma. *Am J Respir Crit Care Med.* 2011 May;183:A5464.

Brown SW, Whitlock D, **Penugonda M**, Fitzpatrick AM. Asthma-related quality of life is impaired in children with severe asthma. *Am J Respir Crit Care Med.* 2011 May;183:A5467.

Whitlock D, Brown SW, **Penugonda M**, Fitzpatrick AM. Sleep-related quality of life is impaired in children with severe asthma. *Am J Respir Crit Care Med.* 2011 May;183:A5468.

Hadley GR, Stephenson ST, **Penugonda M**, Fitzpatrick AM. Plasma 8-isoprostane levels as a biomarker of asthma severity in children. *Am J Respir Crit Care Med.* 2011 May;183:A5480.

Stephenson ST, Brown LA, Burwell L, **Penugonda M**, Fitzpatrick AM. Plasma cysteine and cystine homeostasis is altered in children with severe asthma. *Am J Respir Crit Care Med.* 2011 May;183:A2792.

E. Case Reports

Penugonda M, Sabatino D, Ciminera P, Sharma S, Kosuri S, Rosenberg JJ. Methemoglobinemia associated with benzocaine vaginal cream in an adolescent with congenital erythrocytic b reductase deficiency. A Case Report. *Index of Suspicion. Pediatrics in Review.* 2009 Jun;30(6):217-222.