

Stanford



MyMy Buu

Clinical Associate Professor, Pediatrics - Pulmonary Medicine

CLINICAL OFFICES

- **Pediatric Pulmonary and Cystic Fibrosis Clinic**

770 Welch Rd Ste 380

MC 5882

Palo Alto, CA 94304

Tel (650) 724-4788

Fax (650) 497-8791

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Maya Melendrez - Fellowship Coordinator

Email mayamel@stanford.edu

Tel (650) 498-9862

Bio

BIO

Dr. MyMy Buu is a board certified pediatric pulmonologist and specializes in the treatment of pediatric lung diseases including: respiratory complications of neuromuscular disease, pulmonary sequela of aspiration, chronic lung disease of prematurity, asthma, cystic fibrosis, chronic respiratory failure. She has practiced pediatrics and pediatric pulmonary for more than 10 years.

Dr. Buu is dedicated to caring for children with chronic disease and special health care needs. She is one of the pulmonologists for a number of multidisciplinary care teams including the Pediatric Neuromuscular Disorders Center, Aerodigestive Program, and Cystic Fibrosis Center.

Her scholarly work has been focused on pediatric health in vulnerable communities. Her current research is pulmonary outcomes of patients with neuromuscular disease. She is involved in clinical trials in patients with neuromuscular disease.

In her free time, she likes spend time with her husband and young children, cook, and travel.

CLINICAL FOCUS

- Cystic Fibrosis
- Aerodigestive Disorders
- Neuromuscular Disease
- Chronic Respiratory Failure / Mechanical Ventilation
- Bronchopulmonary Dysplasia
- Diffuse Lung Disease / Interstitial Lung Disease
- Pediatric Pulmonary

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Pulmonary Medicine

- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Associate Program Director, Stanford University School of Medicine, Pediatric Pulmonary Fellowship, (2016- present)
- Pediatric Residency Pulmonary Rotation Director, Stanford University School of Medicine, Pediatric Residency, (2013- present)

HONORS AND AWARDS

- Community Access to Child Health Grant, American Academy of Pediatrics (December 2007-June 2009)
- 2nd year Clinical Fellowship, Cystic Fibrosis Foundation (July 2010-June 2011)
- Crandall Endowed Fellowship, Stanford University School of Medicine (July 2010-June 2011)
- Ernest and Amelia Gallo Endowed Fellow, Lucile Packard Foundation for Children's Health (July 2011-June 2012)
- Scholar, Bass Society of Pediatric Scholars (June 2012)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Program Committee, American Thoracic Society (2016 - present)
- Member, American Thoracic Society (2009 - present)
- Fellow, American Academy of Pediatrics (2004 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pediatric Pulmonary Fellowship (2012) CA
- Residency: Stanford University Pediatric Residency (2009) CA
- Internship: Stanford University Pediatric Residency (2007) CA
- Medical Education: UCLA David Geffen School Of Medicine Registrar (2006) CA
- Board Certification: Pediatric Pulmonary, American Board of Pediatrics (2012)
- Board Certification: Pediatrics, American Board of Pediatrics (2009)

LINKS

- Center for Excellence in Pulmonary Biology Website: <http://breathe.stanford.edu>
- Stanford Cystic Fibrosis Center Website: <http://cfcenter.stanford.edu/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Her scholarly work has been focused on pediatric health in vulnerable communities. Her current research is pulmonary outcomes of patients with neuromuscular disease. She is involved in clinical trials in patients with neuromuscular disease.

I have had a range of mentored research experiences during my educational and medical training, ranging in developmental biology to community-based participatory research. My prior work included conducting a community needs assessment for caregivers of Vietnamese-American children in San Jose, CA.

I studied health inequalities and disparities experienced by children with special health care needs. My research has involved using large administrative databases to explore healthcare utilization patterns in Hispanic patients with cystic fibrosis. I investigated the determinants of differential health outcomes of in patients with cystic fibrosis, specifically looking at ethnicity/race, health care utilization, and genetics.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pediatric Pulmonology (Fellowship Program)

Publications

PUBLICATIONS

- **Pneumonia Prevention Strategies for Children With Neurologic Impairment.** *Pediatrics*
Lin, J. L., Van Haren, K., Rigdon, J., Saynina, O., Song, H., Buu, M. C., Thakur, Y., Srinivas, N., Asch, S. M., Sanders, L. M.
2019
- **Tear Down this Wall: Diversity and Disparities in Cystic fibrosis.** *American journal of respiratory and critical care medicine*
Buu, M. C., Milla, C. E.
2018
- **Respiratory complications, management and treatments for neuromuscular disease in children** *CURRENT OPINION IN PEDIATRICS*
Buu, M. C.
2017; 29 (3): 326-333
- **Developing Gene-Specific Meta-Predictor of Variant Pathogenicity** *bioRxiv*
Rychkova, A., Buu, M., Scharfe, C., Lefterova, M., Odegaard, J., Schrijver, I., Milla, C., Bustamante, C.
2017
- **Ocular manifestations of pulmonary diseases** *The Eye in Pediatric Systemic Disease*
Yoo, S., Buu, M.
Springer International Publishing.2017
- **Evaluating Outcomes Disparities in the Hispanic Cystic Fibrosis Population A Need for a National Analysis Response** *CHEST*
Buu, M. C., Milla, C. E., Wise, P. H.
2016; 150 (3): 753
- **Assessing Differences in Mortality Rates and Risk Factors Between Hispanic and Non-Hispanic Patients With Cystic Fibrosis in California** *CHEST*
Buu, M. C., Sanders, L. M., Mayo, J. A., Milla, C. E., Wise, P. H.
2016; 149 (2): 380-389
- **Asthma, tobacco smoke and the indoor environment: a qualitative study of sheltered homeless families** *JOURNAL OF ASTHMA*
Buu, M. C., Carter, L., Bruce, J. S., Baca, E. A., Greenberg, B., Chamberlain, L. J.
2014; 51 (2): 142-148

PRESENTATIONS

- Hospitalization and death rates of Hispanic cystic fibrosis pediatric patients in California - North American Cystic Fibrosis Conference (October 23, 2010)
- Adrenal insufficiency from fluticasone-itraconazole therapy for CF-associated asthma and allergic bronchopulmonary aspergillosis - North American Cystic Fibrosis Conference (November 4, 2011)
- Pleural effusion complicating community-acquired pneumonia - American Thoracic Society Meeting (May 16, 2011)
- Surfactant dysfunction masquerading as asthma in a toddler - American Thoracic Society Meeting (5/16/2010)
- Hospitalization of Hispanic Cystic fibrosis patients in California - Pediatric Academic Societies Meeting (5/1/2010)