



- *Assistant Professor*
 - *Division of Pediatric Allergy & Clinical Immunology*
 - *Department of Pediatrics*
 - *Division of Allergy & Clinical Immunology*
 - *Department of Medicine*
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Conditions Treated:

- *Insect Sting Allergy (Ant, Wasp and Bee Stings)*
- *Latex Allergy*
- *Food Allergies*
- *Medication/Drug Allergy*
- *Hives (Urticaria)*
- *Allergic Rhinitis (Hay Fever)*
- *Anaphylaxis*
- *Eczema (Atopic Dermatitis) Overview*
- *Angioedema*
- *Chronic Cough*
- *Eosinophilic Esophagitis*
- *Immune Deficiency Disorders*
- *Allergic Rhinitis (Pediatric)*
- *Food Protein Induced Enterocolitis Syndrome (FPIES)*

Programs & Services:

- *Allergy & Clinical Immunology (Adult)*
- *Department of Medicine*
- *Food Allergy Program (Pediatric)*
- *Allergy & Clinical Immunology (Pediatric)*
- *Department of Pediatrics*
- *Division of Allergy and Clinical Immunology (Adult)*
- *National Jewish Health for Kids / Pediatric Programs*
- *Division of Pediatric Allergy & Clinical Immunology*
- *Asthma Treatment Programs (Pediatric)*

I treat children and adults with all allergic conditions and have particular interest in food allergy and asthma. I chose to specialize in Allergy & Immunology because many of the conditions I treat are very common and their management emphasizes improving quality of life. I strive to work jointly with patients, their families, caregivers and the community to provide the education and treatment plan that best suits each individual patient. I carry a philosophy of involving my patients and their families in each step of the decision making process and ensuring that they have a solid understanding of their medical conditions.

Board Certification

2014: American Board of Allergy & Immunology

2012: American Board of Pediatrics

Education

2009 Pennsylvania State University College of Medicine, MD

2005 Columbia University, BS Chemical Engineering

Residency

2012 Stanford University - Lucile Packard Children's Hospital, Pediatrics Residency

Fellowship

2014 University of Colorado/National Jewish Health, Allergy & Immunology Fellowship

Professional Memberships

American Academy of Allergy, Asthma and Immunology

American College of Allergy, Asthma and Immunology

American Academy of Pediatrics

Awards & Recognition

2011: Stanford University Pediatric Resident Research Award

Publications

Zerbe CS, Marciano BE, Katial RK, Santos CB, et al. Progressive multifocal leukoencephalopathy in primary immune deficiencies: STAT1 gain of function and review of the literature. *Clin Infect Dis*. 2016 Apr 15;62(8):986-94.

Santos CB, Fleischer DM, Wood RA. Tests for immunological reactions to foods. In: Detrick B, Schmitz JL, Hamilton RG, eds. *Manual of Molecular and Clinical Laboratory Immunology*. 8th ed. Washington, DC: ASM Press; 2016:815-24.

Santos CB, Davidson J, Covar R, Brown E, Spahn JD. The chitinase-like protein YKL-40 is not a useful biomarker for severe asthma in children. *Ann Allergy Asthma Immunol*. 2014 Sep;113(3):263-6.

Swamy RS, Reshamwala N, Hunter T, Vissamsetti S, Santos CB, Baroody FM, Hwang PH, Hoyte EG, Garcia MA, Nadeau KC. Epigenetic modifications and improved regulatory T-cell function in subjects undergoing dual sublingual immunotherapy. *J Allergy Clin Immunol*. 2012 Jul;130(1):215-24.

Santos CB, Hanks C, McCann J, Lehman EB, Pratt E, Craig TJ. The role of montelukast on perennial allergic rhinitis and associated sleep disturbances and daytime somnolence. *Allergy Asthma Proc*. 2008 March/April;29(2):140-145.

Doctor's Contact Information

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Locations

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