

SUSAN STEFANAC LAUBACH, MD

Allergy & Asthma Medical Group and Research Center, A P.C.
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San Diego, California 92123
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California Medical License Number: A114061

EDUCATION:

9/1992-6/1996 Stanford University, B.A. with Honors, Human Biology, Stanford, CA
8/1997-6/2002 UCSF School of Medicine, M.D., San Francisco, CA
7/2002-6/2003 Internship, Department of Pediatrics, Mount Sinai Medical Center, NY, NY
7/2003-6/2005 Residency, Department of Pediatrics, Mount Sinai Medical Center, NY, NY
7/2006-7/2008 Fellowship, Department of Allergy & Immunology, Duke University, Durham, NC

PROFESSIONAL EXPERIENCE

7/2011-Present Physician, Allergy & Asthma Medical Group & Research Center, San Diego, Ca
10/2008-6/2011 Staff Allergist/Immunologist, Walter Reed Army Medical Center, Washington, DC
1/2006-5/2006 Hospitalist, St. Luke's – Roosevelt Hospital system, New York, NY
10/2000-6/2001 Research Assistant, Institute of Medicine, Washington, DC
9/1996-6/1997 Research Assistant, Stanford Center for Biomedical Ethics

BOARD CERTIFICATIONS & LICENSURE:

American Board of Allergy and Immunology, 2008- current
American Board of Pediatrics, 2005 - current
California Medical License, 2010-current
DEA license, current

HONORS/AWARDS:

Feb 2008 AAAAI Travel Grant
July 2007 ACAAI Acorn Award
Feb 2007 AAAAI Travel Grant
2000 Nominated for the UCSF Chancellor's Award for the Advancement of Women

SOCIETY MEMBERSHIPS:

2000-present: American Academy of Pediatrics
Medical Home Chapter Champion, Program on Asthma, CA3, 2011-present
SOAI Task Force on informational brochure review & development, 2009-present
Section on Allergy and Immunology (SOAI), 2006-present
Fellow, 2005-present
Assistant District Coordinator, District II, Resident Section, 2003-2005
Program Delegate, Resident Section, 2003-2004
Member, 2002
Medical Student, National Office Advocacy Elective, Washington, DC 1999
2007-present: American College of Allergy, Asthma, and Immunology, Member
2006-present: American Academy of Allergy, Asthma, and Immunology, Member
2006-present: American Medical Association, Member

OTHER PROFESSIONAL ACTIVITIES

1996- Certified in Basic Life Support (exp Mar 2012)
2002- Certified in Advanced Cardiac Life Support (exp May 2012)
2002- Certified in Pediatric Advanced Life Support (exp May 2012)
2002-6 Certified in Neonatal Advanced Life Support
2011 to present Teaching fellows, University of California, San Diego
2011 to present Teaching fellows, Scripps, San Diego

PUBLICATIONS: Susan S. Laubach, MD

PEER-REVIEWED PUBLICATIONS

1. Turbyville J, Gada S, Payne K, **Laubach S**, Callahan CW, Nelson M. Posttussive emesis as a symptom of asthma in children. *Ann Allergy Asthma Immunology* 2011; 106: 140-145.
2. Kim E, Bird JA, Kulis M, **Laubach S**, Pons L, Shreffler W, Steele P, Kamilaris J, Vickery BP, Burks AW, "Sublingual immunotherapy for peanut allergy: clinical and immunologic evidence of desensitization," *Journal of Allergy and Clinical Immunology* 2011, 127(3):640-6.
3. McKinney KK, Webb L, Petersen M, Nelson M, **Laubach S**. "Ovalbumin Content of 2010-2011 Influenza Vaccines," *Journal of Allergy and Clinical Immunology*, 2011 Mar 10. [Epub ahead of print].
4. Webb L, Petersen M, Boden S, LaBelle V, Bird JA, Howell D, Burks AW, **Laubach S**. "Single-dose Influenza Vaccination of Egg-Allergic Patients in a Multicenter Study," *Journal of Allergy and Clinical Immunology*, 2011 Apr 1. [Epub ahead of print].
5. Dungalvin A, Chang WC, **Laubach S**, Steele PH, Dubois AE, Burks AW, Hourihane JO, "Profiling Families Enrolled in Food Allergy Immunotherapy Studies," *Pediatrics* 2009, 124; e503-e509.
6. Burks AW, **Laubach S**, Jones SM, "Oral Tolerance, Food Allergy and Immunotherapy: Implications for Future Treatment," *Journal of Allergy and Clinical Immunology* 2008, 121(6): 1344-50.

BOOK CHAPTERS

1. When Children Die: Improving Palliative and End-of-Life Care for Children and Their Families, Marilyn J. Field and Richard E. Behrman, Editors, Committee on Palliative and End-of-Life Care for Children and Families, Institute of Medicine Press. Authored draft versions of Chapter 2 "Patterns of Childhood Death in America" and Chapter 3 "Pathways to a Child's Death."

OTHER PEER-REVIEWED SCHOLARLY WORK

1. Scott D, Laubach S, Best Articles Relevant to Pediatric Allergy and Immunology: Review of "Age and Risks of FDA-Approved Long-Acting b2-adrenergic Receptor Agonists," *Pediatrics* 2012;130;S41.
2. Gada S, **Laubach S**, Best Articles Relevant to Pediatric Allergy and Immunology: Review of "Dermatitis: A New Paradigm for Use Three Times Weekly Tacrolimus Ointment Reduces Relapse in Stabilized Atopic Dermatitis: A New Paradigm for Use," *Pediatrics* 2009;124;S132.
3. Railey MD, **Laubach S**, Williams LW; Best Articles Relevant to Pediatric Allergy and Immunology: Review of "Association of Indoor Nitrogen Dioxide Exposure With Respiratory Symptoms in Children With Asthma;" *Pediatrics* 2007; 120: S113-S114.

PUBLISHED ABSTRACTS

1. Robertson BD, Nelson MR, **Laubach S**. "Eosinophilic Esophagitis and Anaphylaxis to Poultry Meat: A Case Series;" *Ann Allergy Asthma Immunol* 2010; 105(5) Supplement 1:A85.
2. McKinney KK, **Laubach S**. "Drug Rash, Eosinophilia, and Systemic Symptoms, A Case Report;" *Ann Allergy Asthma Immunol* 2010; 105(5) Supplement 1.
3. **Laubach** et al. "Safety of Sublingual Immunotherapy (SLIT) for Peanut Allergy;" *Journal of Allergy and Clinical Immunology* 2008; 121(2), Supplement 1, Page S96.
4. Hourihane, Chiang, **Laubach**, DunnGalvin, Burks, "Psychometric Validation of the FAQLQ-PF in a US Sample of Children with Food Allergy;" *Journal of Allergy and Clinical Immunology* 2008; 121(2), Supplement 1, Pages S106-S107.
5. Adair, **Laubach**, Steele, Kamilaris, Pons, Kulis, Scurlock, Jones, Burks; "Mean Wheal Size from Peanut Prick Skin Test and IgE Levels in Peanut Allergic Patients Receiving Oral Peanut

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Immunotherapy;” Journal of Allergy and Clinical Immunology 2008; 121(2), Supplement 1, Page S136.

6. J Cole, B Robertson, K. McKinney, S Gada, M Nelson, S Laubach. "Intradermal Skin Testing Does Not Improve the Diagnosis of Cat Allergy." Annals of Allergy Asthma, and Immunology. 2011: 107 (S1); A 11-12.

PRESENTATIONS: Susan S. Laubach, MD

1. "2012 Look at the 2007 NHLBI Guidelines on Diagnosis and Management of Asthma." 2012 American College of Clinical Pharmacology Annual Meeting. San Diego, CA, September 22, 2012.
2. "Food Allergy: Current Concepts and Future Directions." Department of Otolaryngology, Rady Children's Specialist Medical Foundation, San Diego, CA, December 16, 2011.
3. "Challenging Cases: Oral Food Challenges in the Diagnosis and Treatment of Food Allergy." Allergy and Asthma Medical Group and Research Center & San Diego Food Allergy Support Group. SCMG Auditorium, San Diego, California. November 2, 2011
4. "Allergy Update Pearls." Sharp Community Medical Group 2011 Conference. Huntington Beach, California, September 24, 2011.
5. "Severe Combined Immunodeficiency (SCID)." Scripps Clinic Carmel Valley, San Diego, California. September 20, 2011.
6. "Cluster Immunotherapy," Walter Reed Army Medical Center fellowship didactic conference, September 2010
7. "Subcutaneous Immunoglobulin Prescribing Workshop," Walter Reed Army Medical Center fellowship didactic conference, September 2010
8. "Intravenous Immunoglobulin Prescribing Workshop," Walter Reed Army Medical Center fellowship didactic conference, August 2010
9. Ft. Meade, Kimbrough Ambulatory Care Center Professional Staff development meeting, "Skin Testing in Allergic Diseases," August 2010
10. "IVIG," Walter Reed Army Medical Center / National Institute of Health joint fellowship orientation, July 2010
11. Ft. Meade, Kimbrough Ambulatory Care Center Professional Staff development meeting, "Anaphylaxis," June 2010
12. "Mini Board Review: 10 topics in Allergy & Immunology," Walter Reed Army Medical Center fellowship didactic conference, April 2010
13. "Omalizumab," Walter Reed Army Medical Center fellowship didactic conference, March 2010
14. Gada, Banks, Grier, Kosisky, LeFevre, Robertson, **Laubach**, "Sterility, Potency, and Delivery of Extract for Conjunctival Provocation to Cat." American Academy of Asthma, Allergy, and Immunology, New Orleans, LA, 2010.
15. Bird, Pons, Kulis, Kemper, **Laubach**, Kim, Varshney, Thyagarajan, Steele, Kamilaris, Edie, Vickery, Burks, "Double-Blinded Placebo Controlled Sublingual Immunotherapy (SLIT) Trial for Peanut Allergy." American Academy of Asthma, Allergy, and Immunology, New Orleans, LA, 2010.
16. "Subcutaneous Immunoglobulin," Walter Reed Army Medical Center fellowship didactic conference, February 2010
17. "Intravenous Immunoglobulin," Walter Reed Army Medical Center fellowship didactic conference, January 2010
18. "Bone Marrow Transplantation in Primary Immunodeficiency," Walter Reed Army Medical Center fellowship didactic conference, December 2009

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19. "Severe Combined Immunodeficiency," Walter Reed Army Medical Center fellowship didactic conference, October 2009
20. "Common Variable Immunodeficiency," Walter Reed Army Medical Center fellowship didactic conference, October 2009
21. "Basic (Really Basic) Immunology," Walter Reed Army Medical Center / National Institute of Health joint fellowship orientation, July 2009
22. "Approach to the Patient with Recurrent Infections," Walter Reed Army Medical Center / National Institute of Health joint fellowship orientation, July 2009, 2010
23. Andrews Air Force Base Professional Staff development meeting, "Anaphylaxis," June 2009
24. Johns Hopkins Allergy Journal Club presentation moderated by Dr. Robert Wood: "Specific oral tolerance induction in food allergy in children: efficacy and clinical patterns of reaction" Staden, Rolinck-Werninghaus, Brewe, Wahn, Niggemann, Beyer. Allergy 2007; 62: 1261-1269. April 2009
25. "Minireview: 10 topics in Allergy & Immunology," Walter Reed Army Medical Center fellowship didactic conference, April 2009
26. "Xolair: Case Presentation and Review of the Literature," Walter Reed Army Medical Center fellowship didactic conference, February 2009
27. "Sublingual Immunotherapy for Peanut Allergy," Duke Allergy & Immunology Research Conference, April 2008
28. **Laubach**, Hourihane, Burks, DunnGalvin, "Profiling families enrolled in food allergy immunotherapy studies." American College of Asthma, Allergy, and Immunology, 2008.
29. **Laubach** et al. "Safety of Sublingual Immunotherapy (SLIT) for Peanut Allergy;" American Academy of Asthma, Allergy, and Immunology, San Diego, California, 2007.
30. Children's National Medical Center, Department of Pulmonology noon conference "Food Allergy", Nov 2007
31. "Common Variable Immunodeficiency," Duke Allergy & Immunology Teaching Conference, May 2007
32. "Laboratory Diagnosis of Primary Immunodeficiency," Duke Clinical Labs CME Presentation, Nov 2006
33. "Resident Advocacy," Mount Sinai Department of Pediatrics, Grand Rounds, June 2005
34. "Approach to the Child with Recurrent Infections," Mount Sinai Senior Talk, Nov 2004
35. "Establishing a Pediatric Palliative Care Program" Pediatric Academic Society, Platform presentation May 2004
36. Mount Sinai, Department of Allergy/Immunology Journal Club Presentation, "Activated charcoal forms non-IgE binding complexes with peanut proteins," Peter Vadas and Boris Perelman, Journal of Allergy and Clinical Immunology, Volume 112, Issue 1, Pages 175-179 (July 2003).Oct 2003
37. "Allergic Rhinitis" Mount Sinai Pediatric Ambulatory Care teaching conference, Oct 2003

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38. Mount Sinai Evidence Based Medicine Presentation, “Safety Profile of Frequent Short Courses of Oral Glucocorticoids in Acute Pediatric Asthma: Impact on Bone Metabolism, Bone Density, and Adrenal Function,” Francine M. Ducharme, Gilles Chabot, et al. Pediatrics 2003; 111: 376-383. Sept 2003
39. Mount Sinai third-year medical student intersession discussion on Palliative Care, small group leader. April 2003-04
40. “What Pediatricians Should Know about Children’s Understanding and Reaction towards Death and Loss” Mount Sinai Pediatric Ambulatory Care teaching conference, Nov 2002

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Studies conducted at Walter Reed Army Medical Center & Duke University:

1. **Susan** Laubach, Kristi McKinney, “Incidence of Systemic Reactions with Cluster Immunotherapy,” Walter Reed Army Medical Center, WRAMC eIRB 358231.
2. Kristi McKinney, **Susan Laubach**, Maureen Petersen, “Flu vaccine in Egg-allergic patients Minimizing Injections Safety Trial (FluEMIST),” Walter Reed Army Medical Center, WRAMC eIRB #357349.
3. Brian Robertson, **Susan Laubach**, “Poultry Meat Anaphylaxis and Eosinophilic Esophagitis: A Case Series,” Walter Reed Army Medical Center, WRAMC eIRB #358035.
4. Brian Robertson, Satyen Gada, **Susan Laubach**, “Cat Allergy: Challenge and Assessment of Predictive Value (Cat-CAP),” Walter Reed Army Medical Center, WRAMC eIRB #350283, approved April 2010.
5. Maureen Petersen, Luke Webb, **Susan Laubach**, “Safety of the Administration of Flu vaccines in Egg allergy (SAFE),” Walter Reed Army Medical Center, WRAMC eIRB #355084.
6. Kristi McKinney, Luke Webb, Maureen Petersen, **Susan Laubach**, “Ovalbumin content of seasonal and H1N1 influenza vaccines,” Walter Reed Army Medical Center, WRAMC eIRB #353707.
7. **Susan Laubach**, A. Wesley Burks, “Double-Blind, Placebo-Controlled Trial of Peanut Sublingual Immunotherapy in Children,” Duke eIRB Protocol #1553.

Studies conducted at Allergy and Asthma Medical Group and Research Center:

1. A randomized, dose-ranging, placebo-controlled trial to evaluate the effects of phenylephrine HCl immediate release tablets on nasal congestion in subjects with seasonal allergic rhinitis # CL2010-06
2. A prospective, open label, Assessment of the Albuterol ProAir HFA MDI integrated dose counter # ABM-AS-307
3. A randomized, double-blind, placebo-controlled, parallel-group study comparing the bioequivalence of ciclesonide nasal spray (APOTEX, Inc.) to that of Omnaris nasal spray (Sepracor, Inc.) in the treatment of seasonal allergic rhinitis # CICE-NASU-05SB03-CE
4. A randomized, placebo- controlled, parallel group study to assess the efficacy, safety, and pharmacokinetics of QAW039 in steroid-free patients with mild to moderate persistent asthma # CQAW039A2201
5. A randomized, placebo-controlled trial to evaluate the effects of Phenylephrine HCl 30 mg Extended Release Tablets on nasal congestion in subjects with allergic rhinitis # CL2011-06
6. A randomized, double-blind, placebo-controlled, parallel-group, multi-center study to assess the efficacy and safety of BDP HFA Nasal Aerosol in pediatric subjects (6 to 11 years of age) with seasonal allergic rhinitis (SAR) # BDP-AR-305
7. A 12-week, double-blind, randomized, multi-centre, parallel-group study evaluating the efficacy, safety, and patient use (User Study) of Symbicort® (budesonide/formoterol) Breath Actuated Metered Dose Inhaler (BA MDI) 2x160/4.5 µg twice daily compared with Symbicort (budesonide/formoterol) AC (actuation counter) pMDI® 2x160/4.5 µg twice daily and

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- budesonide AC pMDI 2 x 160 µg twice daily in adult and adolescent asthmatics
D5890C00003
8. An open label randomized two period two-way crossover study to evaluate efficacy, patient preference and satisfaction with Ciclesonide Nasal aerosol versus Mometasone Furoate Aqueous Suspension used for the treatment of allergic rhinitis
#060-302
 9. Double-blind, double-masked, randomized, placebo-controlled, cross-over study of the bronchoprotective effect of generic levalbuterol tartrate HFA and Xopenex HFA® (levalbuterol tartrate) metered-dose inhaler (MDI) formulations against methacholine-induced bronchoconstriction in asthmatic subjects
C-2010-05
 10. A 12-month, double-blind, placebo-controlled, parallel-group study to evaluate the efficacy and safety of Reslizumab (3.0 mg/kg) in the reduction of clinical asthma exacerbations and change in lung function in patients (12-75 years of age) with eosinophilic asthma
C3072/3082
 11. A 12-Week randomized, double-blind, placebo-controlled, parallel group, safety and efficacy study of ciclesonide nasal aerosol in subjects 6-11 years with perennial allergic rhinitis
SEP 060-306
 12. A 12-week dose-ranging study to evaluate the efficacy and safety of Fp Spiromax® (Fluticasone Propionate Inhalation Powder) administered twice daily compared with placebo in adolescent and adult subjects with persistent asthma uncontrolled on non-steroidal therapy
#FpS-AS-201
 13. A multicenter, consumer product evaluation of a single dose of Phenylephrine HCl 30mg Extended Release Tablets (Sinus Comfort)
#CL2012-03
 14. A randomized, placebo-controlled, dose-ranging, multi-centre trial of QAW039 (1- 450 mg p.o.) to investigate the effect on FEV₁ and ACQ in patients with moderate-to-severe, persistent, allergic asthma, inadequately controlled with ICS therapy
#CQAW039A2206
 15. A 2-week randomized, double blind, placebo controlled, parallel group, safety and efficacy study of Ciclesonide Nasal Aerosol in subjects 6 to 11 years with seasonal allergic rhinitis
#060-305
 16. Non-invasive neurostimulation of the Vagus Nerve for the relief of acute bronchoconstriction due to asthma
#BC-US-06
 17. Evaluation of hypoallergenicity of an amino acid-based infant formula
#09.55 PED
 18. A phase 2, multicenter, parallel-group, randomized, double-blind, placebo- and active comparator-controlled, combination study of S 555739 and Cetirizine HCl in adult patients with seasonal allergic rhinitis
#1210D1526
 19. A double-blind, placebo-controlled, four-way crossover study to compare the safety and efficacy of ONO-6950 20 mg and 200 mg QD versus placebo and Montelukast (Singulair) in asthmatic patients who exercise-induced bronchoconstriction
#ONO6959POU004
 20. ACQ, AQLQ, RQLQ Equivalence Study
#1788A
 21. Asthma Control Diary (ACD) Equivalence Study
#1643A

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22. A phase 2, multi-center, randomized, double-blind, placebo-controlled, parallel group study of two doses of inhaled R940343 in patients with mild to moderate allergic asthma
#C-940343099
23. A multi-center, randomized, double-blind, vehicle-controlled, cross-over evaluation of the effects of KD1157 nasal spray on nasal challenge with allergen
#KD1157-AR02
24. A multi-center 52-week study to assess the safety of Albuterol *Spiromax*® in subjects with asthma
#ABS-AS-307
25. A randomized, placebo-controlled, Phase IIb dose-finding study of CYT003-QbG10, a TLR9-agonist, in patients with moderate to severe allergic asthma not sufficiently controlled on current standard therapy (GINA steps 3+4)
#CYT003-QbG10 12

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SCHOLARLY ACTIVITIES

1. Reviewer, First Aid for the Allergy/Immunology Boards, edited 10 chapters of the board review book, work in progress.
2. American Academy of Pediatrics, Section on Allergy & Immunology, reviewer for the 2009, 2012 AAP Synopsis Book entitled "Best Articles Relevant to Pediatric Allergy and Immunology," a supplement to Pediatrics.
3. American Academy of Pediatrics, Section on Allergy & Immunology, Task Force responsible for developing, updating, and reviewing AAP parent brochures that are related to allergy and immunology. 2009-present.
4. Curriculum Review, Duke Department of Allergy & Immunology, 2007.
5. Mount Sinai Medical Center, Pediatric Palliative Care Program. Founding member. 2002-2
6. Mount Sinai Department of Pediatrics, Resident Advocacy Group. Co-Chair, 2002-2005
7. Institute of Medicine, Committee on Care for Dying Children and Their Families, Research Assistant, 2000-2001
8. American Academy of Pediatrics, Washington Office, Medical Student Advocacy Elective, Aug-Oct, 2000.
9. The Healer's Art. Student Coordinator. Worked closely with Dr. Rachel Naomi Remen to develop curriculum for a medical student elective on loss, grief, death & dying. 1997-1999
10. Women Medical Student Association (WMSA). Student Caucus. Leadership group supporting women students in medicine. 1997-2000
11. Mentorship Subcommittee, WMSA. Chair. Designed, developed, implemented a Mentorship Program for women medical students. 1998-1999
12. Chancellor's Advisory Committee on the Status of Women. WMSA representative. Worked to develop coalition between various women students organizations on campus. 1998-1999
13. UCSF Medical Network. Student Liaison. – Coordinated student-faculty advising events. 1997-2000
14. Program in Genomics, Ethics, and Society multidisciplinary working group on Genetic Testing for Alzheimer disease, Stanford University. Member. 1996-1997

COMMUNITY OUTREACH

1. Rancho Bernardo Community Presbyterian Church, Sunday School Teacher, 2nd grade. 2012-present.
2. Adobe Bluffs Elementary School, Parent-Teacher Association member and Room Parent. 2011-present.
3. Rosemary Hills Primary School, Parent-Teacher Association, member. 2010 – present
4. Chevy Chase United Methodist Church, Sunday School Teacher, age 3-6. 2009 –

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present

5. Camp Okizu. Counselor, Unit Leader. Summer camps, family camps, Teens 'N Twenties weekend excursions for children with cancer and their families. 1994-2001
6. Children's National Medical Center, Volunteer. 2000-2001
7. Med Teach – Science education by medical students for sixth graders in underserved middle schools. Four to six hours per month. 1997-1999
8. Support Group for Children of Cancer Patients. Facilitator. 1998-2002
9. Children's International Summer Villages (CISV). Adult leader. Led the U.S. delegation of four 11-year old children to Amman, Jordan for an international summer camp focused on peace and cross-cultural understanding. 1998
10. Cuernavaca County Children's Hospital, MEXICO. Volunteer. 1998
11. Haight-Ashbury Free Clinic – Pediatric exams for underserved children. 1997