

2015

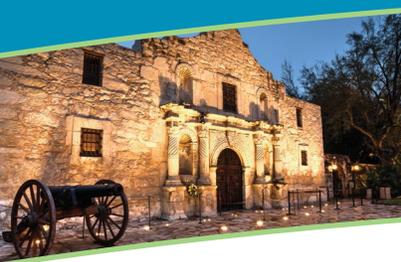
American College  
of Allergy, Asthma  
& Immunology

# Annual Scientific Meeting

*San Antonio* November 5-9



**Practice Excellence**  
Education. Patient Care. Leadership.



American  
**College**  
of Allergy, Asthma  
& Immunology

# ACAAI 2015 Annual Scientific Meeting

## Practice Excellence. Education. Patient Care. Leadership.



Bryan L. Martin, DO, FAAAAI  
President-Elect & Program Chair

Time is a valuable resource for practicing allergists/immunologists. Our days are always busy and it's not uncommon to feel like there just aren't enough hours in the week. Luckily, the College understands the needs of all practicing allergists and immunologists. This year's Annual Scientific Meeting is packed with practical tips, pearls and advice you can immediately put to use. Sessions

are tailored for experienced allergists, those new to practice, Fellows-in-Training and allied health professionals. The meeting is designed to help you, the practicing allergist, practice excellence every day. You will receive top notch education to provide the best patient care and be the best leader possible.

Thursday begins with the return of the International Food Allergy Symposium, which includes timely and exciting topics about all aspects of food allergy by world-renowned expert speakers.

For those of us who didn't have as much time to hit the journals last year as we would have liked, the Annual Literature Review Course on Friday is a must. Highlighting 'everything you should have read last year but didn't,' the course features the best reads in almost every topic, plus the year's best articles. Symposia on Friday will cover allergic skin diseases, hereditary angioedema and asthma-COPD overlap syndrome.

Biologic treatments for severe asthma offer a lot of promise, but these personalized treatments can be complicated. Attend biologic-focused sessions to find out what role these new treatments and techniques play, each new drug's advantages and disadvantages, and how to deal with complications. "Biologics in Practice: Unique Opportunity for Allergist Expertise" and "Altering the Natural History of Allergist Diseases," take place on Saturday, while "Severe Asthma: Persistent Challenges; New Therapies" takes place on Sunday.

The workshops are designed to keep you on the cutting-edge of the specialty. On Friday, learn the latest techniques and novel therapeutics for tough rhinosinusitis at "Difficult to Control Rhinosinusitis: What The Experts Do." Saturday, see how to handle tricky drug allergies during "Delayed Hypersensitivity Drug Reactions: Dilemmas In Diagnosis and Treatment." On Sunday, choose from "Are You Ready for SCID Newborn Screening?" "Skin and Lungs After 65," "Diagnostic Tests for Food Allergy: Is Component Testing Ready for Prime Time?" or "All About Vaccines: Diagnosis, Management and Events." Some of our most interesting workshops kick

off on Monday, with new topics like "Alcohol and Additive Allergies," "Enhancing the Survival of Allergists: Facing Current Challenges Including Changing Markets and ACO," and "Navigating the Vapors."

Maintenance of Certification (MOC) continues to grow in importance, and we're offering more ways for attendees to get the information and tools needed to meet the requirements. Sunday, attend the symposium "ABAI/MOC: More than Meeting the Test." What does it mean to be an ABAI Diplomate? What's the best way to walk the MOC path? How does 'the big picture' of MOC affect you? You can get all of your questions answered straight from Mark Corbett, MD, FAAAAI; Lois Nora, MD, ABMS president and CEO; Charles Siegel, MD, FAAAAI; Brett Stanaland, MD, FAAAAI; and Stephen Wasserman, MD, ABAI president.

Do you know how to navigate the changing fields of quality and compliance measures? The health care landscape is shifting dramatically – with EHR, ICD-10, PQRS, the repeal of SGR – and so much more. What does this mean for practicing allergists? Join us at the Town Hall meeting on Friday, and you'll walk away with what you need to know.

Your favorite classics are still part of the meeting. The Great Raft Debate will feature the "Hottest Topic in EoE" on Saturday, moderated by William Dolen, MD, FAAAAI and Maeve O'Connor, MD, FAAAAI. We already have a great line-up of debaters, Elizabeth Erwin, MD, Amal Assa'ad, MD, FAAAAI, Jonathan Spergel, MD, PhD, FAAAAI, and Gailen Marshall, MD, PhD, FAAAAI. And on Saturday evening the FIT Bowl will feature two-person teams of Fellows-in-Training going head to head in a fast-paced, college bowl environment where they must answer questions regarding topics in allergy, immunology, botany and the history of our profession. Don't miss these outstanding events.

And remember to leave time in your schedule for all the fun events where you can reconnect with friends – and make new ones. Celebrate the achievements of your colleagues during the Awards Ceremony on Saturday, and then join me for the President's Welcome Reception right after. Sunday, rock out with Grammy Award-winners Blood, Sweat & Tears, featuring American Idol finalist Bo Bice. Join us for the full evening with a cocktail reception and plated dinner, new this year, 'show only' tickets.

This meeting has new twists on your favorite classic sessions – and more new topics than ever before. When you return from the meeting, you'll be equipped with new tools and ideas you can immediately start implementing in your practice. Refreshed from the sunny San Antonio weather, with new skills in practice management, food allergy and more, you will be the perfect example of someone who practices excellence, every day.

# ACAAI 2015 Annual Scientific Meeting

## Table of Contents

Annual Scientific Meeting Information . . . . .	4	Meet the Professor Breakfasts . . . . .	25
Education Information . . . . .	5	Workshops . . . . .	29
Maintenance of Certification . . . . .	6	Fellows-in-Training . . . . .	35
Schedule-at-a-Glance . . . . .	7	Office Administrators Practice Management Course . . . . .	36
International Food Allergy Symposium . . . . .	10	Advanced Practice Health Care Providers Course . . . . .	37
Annual Literature Review . . . . .	12	Allied Health Professionals Course . . . . .	39
Friday Symposia . . . . .	13	Alliance of the ACAAI . . . . .	42
House of Delegates Meeting & Town Hall Forum . . . . .	15	Social Events . . . . .	43
General Sessions . . . . .	15	Fundraising Dinner . . . . .	44



Register Online at  
[acaai.org](http://acaai.org)



# ACAAI 2015 Annual Scientific Meeting

## Housing Information

The ACAAI Annual Meeting will be held at the Henry B. Gonzalez Convention Center and the Grand Hyatt Hotel. The convention hotels include the Grand Hyatt (Headquarters Hotel), Marriott Rivercenter and the Marriott Riverwalk hotels. All hotels are within walking distance to the Convention Center.

**Hotel reservations must be made through the ACAAI Housing Bureau either online, by phone, fax or mail using the housing form. A credit card guarantee is required. The hotels will not accept reservations directly.**

## Hotel Room Rates:

### Grand Hyatt Hotel

\$230 Single / Double (+16.75% tax)  
(Headquarters Hotel – Adjacent to Convention Center)

### Marriott Rivercenter Hotel

\$229 Single & \$249 Double (+16.75% tax)  
(1 block from Convention Center)

### Marriott Riverwalk Hotel

\$229 Single & \$249 Double (+16.75% tax)  
(Across the street from Convention Center)  
\*\*Balcony upgrades available at \$20 additional per night.

**For best availability, make your reservation at:**

**Internet:** <https://resweb.passkey.com/go/8a167703>

**Phone:** (210) 207-6734  
Monday – Friday 8:00 am – 5:00 pm CT

**Fax:** Fax a completed housing form, one form per room, to (210) 207-6702

**Mail:** Mail a completed housing form to:  
ACAAI Housing Bureau  
203 S. St. Mary's Street, Suite 200  
San Antonio, TX 78205

For additional housing questions, please call the ACAAI Housing Bureau at (210) 207-6734 or email to [housing@visitsanantonio.com](mailto:housing@visitsanantonio.com).

**The deadline for reservations is Thursday, October 1, 2015.**

Hotel reservations / rate availability are not guaranteed after the room block is full or after October 1, 2015. Please register early – only a limited number of rooms are available at each hotel.

## Child Care Services

Please contact the concierge at the hotel at which you are staying for a list of bonded independent babysitters and babysitting agencies. **Note: Children under 12 are not admitted to the Scientific Sessions or the exhibit area.**

## ACAAI Official Travel Agency

To book your airline reservation, call ACAAI's official travel agency, Uniglobe Preferred Travel, at 1-800-626-0359 and after the prompt dial "0" (M-F 8:30 am – 5:30 pm CST). If you prefer you may:

- Book your travel online at [www.uniglobepreferred.com](http://www.uniglobepreferred.com). Click on the "down arrow" under the Business Travel tab and then click on Rapid-Rez link. When the booking page comes up, click on "Create New User". Enter personal information, click "done"; the next page is for more detailed personal information – here you must enter a credit card number and billing address to make a reservation. Scroll down and click "Save". Click on the "Travel Planner" tab to make a reservation and select ACAAI for the "Trip Reason". Please record your User ID and your Password for future use.

Discount fares are automatically displayed on this site and booking on this site will have a reduced agency service fee of \$15.

## Registration Information

Your registration fee includes access to Plenary, Symposia, Concurrent Sessions, Exhibit Hall and various social events. It does not include the optional International Food Allergy Symposium, Literature Review, Fundraising Dinner, Meet the Professor Breakfasts, Workshops or other courses with a separate registration fee.

Because of limited seating capacity, admission to all general sessions and symposia will be on a first-come, first-served basis. Pre-registration is not required unless otherwise noted.

To register for the meeting, click here.

## Exhibit Hours

**Friday, November 6, 3:00 – 6:00 pm**  
PM refreshment break in the exhibit hall

**Saturday, November 7, 9:45 am – 4:30 pm**  
AM and PM refreshment breaks in the exhibit hall

**Sunday, November 8, 9:45 am – 2:00 pm**  
AM refreshment break in the exhibit hall

## San Antonio Information

Discover what there is to see and do in San Antonio.  
[www.visitsanantonio.com/2015acaa](http://www.visitsanantonio.com/2015acaa)

## Temperature

The average temperature in November ranges from a low of 50°F to a high of 72°F.

# Education Information

*This activity is supported by educational grants from commercial interests. Complete information will be provided to participants prior to the activity.*

## Target Audience

- All practicing allergists/immunologists
- Fellows in allergy/immunology training programs
- Primary care physicians who care for allergy patients
- Allied health professionals in the field of allergy and immunology

## Overall Educational Objectives

At the conclusion of this activity, participants should be able to:

- Identify major advances in key areas of cutting edge research in immunologic mechanisms and allergic responses, including anaphylaxis and pathophysiology of the upper airways, lungs, eyes, skin and gastrointestinal tract
- Demonstrate knowledge of basic processes linking molecular and cellular biology and genetics with allergic pathophysiology and immunodeficiency
- Translate emerging clinical science principles to clinical practice in patients with allergic and immunologic diseases
- Evaluate and implement state-of-the-art diagnostic and therapeutic strategies for treating patients with allergic and immunologic diseases
- Explain the impact of environmental exposures and external influences on patients with allergic disorders
- Recognize emerging trends in the prevalence of allergic and immunologic disorders and discuss their impact on public health
- Evaluate the impact of new diagnostic and therapeutic strategies on health care costs and outcomes
- Discuss processes, tools and technologies for the efficient allergy and immunology practice

## Accreditation and Designation



The American College of Allergy, Asthma & Immunology (ACAAI) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Allergy, Asthma & Immunology (ACAAI) designates this live activity for a maximum of **39.0 AMA PRA Category I Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This continuing medical education activity has been reviewed by the American Academy of Pediatrics and is acceptable for a maximum of **39.0** AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the American Academy of Pediatrics.

## MOC Designated Sessions **MOC/CME**

**NEW:** We have expanded the number and type of MOC offerings to include plenaries and symposia in addition to workshops.

**SIMPLIFIED:** This year, in collaboration with the Program Committee, faculty and the ABAI, the College has streamlined the process for earning MOC credit at select sessions. The new procedure simply requires your attendance for the entirety of the designated session and participation in BOTH the pretest and the posttest using a keypad. Participation for MOC credit is on a first come, first serve basis – no exceptions. You must:

- arrive prior to the start of the session and pick up a keypad. Follow the instructions for entering your identification.
- answer all 4 pretest AND all 4 posttest questions on your keypad.
- attend the entire session.
- turn in your keypad at the end of the session.

## Special Needs

In compliance with the Americans with Disabilities Act, ACAAI requests that participants in need of special accommodation submit a written request to ACAAI well in advance.

# Maintenance of Certification

Through its responsibility to provide quality CME to its membership, the ACAAI continues its support of the ABAI, which credentials and evaluates allergy and immunology specialists. Linking the education content of the ACAAI Annual Scientific Meetings to the MOC<sup>®</sup> program is one way ACAAI helps its members provide ABAI with evidence of their commitment to lifelong learning. Ultimately, CME activities for which MOC<sup>®</sup> credit is awarded may be cross-referenced to the ABAI examination content outline, available on the ABAI website: [www.abai.org](http://www.abai.org). Members are encouraged to select areas of interest from the program, which will enhance their knowledge of state-of-the-art allergy/immunology and improve the quality of patient care. The six core competencies include:

- 1 **Patient Care** – the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.
- 2 **Medical Knowledge** – the knowledge about established and evolving biomedical, clinical, and cognate sciences and the application of this knowledge to patient care.
- 3 **Practice-based Learning and Improvement** – the ability to investigate and evaluate patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices.
- 4 **Interpersonal and Communication Skills** – the ability to demonstrate interpersonal and communication skills that result in effective information exchange and collaboration with patients, their families, and other health professionals.
- 5 **Professionalism** – reflects a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.
- 6 **System-based Practice** – an awareness of and responsiveness to the larger context and system of health care, and the ability to call effectively on other resources in the system to provide optimal health care.

## MOC/CME Sessions

The American Board of Allergy & Immunology (ABAI) will award MOC Part II credits to diplomates who appropriately complete any of the thirteen selected sessions and are currently enrolled in ABAI's Maintenance of Certification (MOC) program.

**Special note regarding MOC/CME eligibility for selected sessions:** To be eligible for MOC Part II credit, participants must participate in the entire session and complete all necessary components, including brief Pre/Post Tests via ARS onsite as well as the usual CME Evaluation online. ACAAI will submit to ABAI the required MOC-eligibility reports. ABAI will then enter MOC Part II credits onto the ABAI web portal page equal to the amount of *AMA PRA Category 1 Credits™* earned for the session. ABAI suggests that 6 of the 25 CME credits in allergy/immunology earned annually by diplomates be in self-assessment sessions such as these.

**It is imperative that participants must participate in the entire workshop and complete all necessary components, as partial credits will not be permitted for MOC eligibility related to MOC/CME sessions. (Faculty are not eligible for credit related to a session at which they teach.)**

**Please ARRIVE PRIOR to the start of an MOC/CME session! On-time attendance is required in order to participate in the Pre/Post Tests at the start and end of each of these MOC/CME sessions, as indicated in the Program Guide:**

**Plenary** *Biologics in Practice: Unique Opportunity for Allergist Expertise*

**Symposium** *Altering the Natural History of Allergic Diseases With Immunotherapy*

**Workshop** *Severe Asthma*

**Workshop** *Food Allergies: What's New in Prevention and Treatment*

**Plenary** *Controversial Manifestations of Contact Dermatitis*

**Plenary** *Human Microbiome: The Interface of Immunology and Microbiology*

**Symposium** *ABAI/MOC: More Than Meeting the Test*

**Workshop** *Living With an Itch: A Practical Approach to Diagnosis and Treatment*

**Workshop** *Approach to Eosinophilic Esophagitis and Other Swallowing Disorders*

**Plenary** *Food Allergy: Component Testing, CoFAR Studies, Practical Considerations*

**Plenary** *Updates in Severe Asthma*

**Workshop** *Unanswerable Questions: Conundrums in Anaphylaxis*

**Plenary** *Update on Anaphylaxis*

# Schedule-at-a-Glance

## Thursday, November 5

7:00 am	Registration
8:00 am – 5:00 pm	International Food Allergy Symposium

## Friday, November 6

7:30 am – 3:30 pm	<b>Annual Literature Review:</b> Everything You Should Have Read Last Year, But Didn't!
8:00 am – 12:30 pm	Advanced Practice Health Care Providers Course
8:00 am – 3:30 pm	Office Administrators Practice Management Course
8:30 – 10:30 am	<b>Breakfast Symposium –</b> Triumvirate of Parameters for Allergic Skin Diseases
11:30 am – 1:15 pm	<b>Luncheon Symposium –</b> Hereditary Angioedema: Management Challenges
1:30 – 3:30 pm	<b>Symposium –</b> Asthma, COPD and Asthma-COPD Overlap Syndrome (ACOS)
1:30 – 4:45 pm	Advanced Practice Health Care Providers Course Interactive Concurrent Workshops
3:00 – 6:00 pm	Exhibit Hall Open
3:30 – 4:00 pm	Break in Exhibit Hall
3:30 – 5:30 pm	FIT Educational Program
4:00 – 6:00 pm	<b>Symposium –</b> Managing Primary Immunodeficiency Beyond Immune Globulin Replacement
4:00 – 6:00 pm	Workshops
	<b>W1</b> Insect Allergy Update
	<b>W2</b> Difficult to Control Rhinosinusitis: What the Experts Do
	<b>W3</b> Drug Allergy: Options Beyond Avoidance – Where the Allergist Matters
	<b>W4</b> Technology (Tablets/Gadgets and Apps): An Integral Part of Patient Care
	<b>W5</b> Food Challenges in Practice

**W6** Patch Testing – Hands-On: Who, What and How to Advise

4:00 – 6:00 pm	House of Delegates Meeting and Town Hall Forum – All Attendees Welcome
4:45 – 6:00 pm	Advanced Practice, Allied Health and Office Administrators Networking Reception
5:30 – 6:30 pm	FIT General Meeting
6:00 – 7:30 pm	Corporate Forum
6:00 – 9:00 pm	American Association of Allergists and Immunologists of Indian Origin Annual Scientific Meeting and Dinner Symposium
6:30 – 7:30 pm	FIT Welcome Reception
8:00 – 9:30 pm	Corporate Forum

## Saturday, November 7

8:00 – 8:30 am	Opening Ceremony and Welcome Announcements
8:00 am – Noon	Allied Health Professionals Course
8:30 – 10:30 am	<b>Plenary Session –</b> Biologics in Practice: Unique Opportunity for Allergist Expertise
9:45 am – 4:30 pm	Exhibit Hall Open
10:30 – 11:00 am	Break in Exhibit Hall
11:00 am – 12:30 pm	<b>Plenary Session –</b> The Sky Is Not Falling: Flourishing Despite Tectonic Shifts to U.S. Health Care
12:30 – 1:30 pm	Product Theaters in Exhibit Hall
12:30 – 3:30 pm	Doctors' Job Fair
1:30 – 3:00 pm	<b>Plenary Session –</b> The Great Raft Debate: Hottest Topic in EoE
1:30 – 4:45 pm	Allied Health Professionals Interactive Concurrent Workshops
3:00 – 3:30 pm	Break in Exhibit Hall
3:30 – 4:30 pm	Poster Session
3:30 – 5:30 pm	<b>Symposium –</b> Altering the Natural History of Allergic Diseases With Immunotherapy

# Schedule-at-a-Glance

## Saturday, November 7 *(continued)*

3:30 – 5:30 pm	Workshops
	<b>W7</b> 2015 Coding, Billing and Regulations: Part 1 of 2
	<b>W8</b> Severe Asthma
	<b>W9</b> Food Allergies: What's New in Prevention and Treatment
	<b>W10</b> Laboratory Evaluation of the Immune System
	<b>W11</b> Atopic Dermatitis In-Depth
	<b>W12</b> Introductory Course in Rhinologyngoscopy
	<b>W13</b> Allergies in Infants and Very Young Children (Asthma, Cough, Urticaria and Eczema in Children <5 Years)
	<b>W14</b> Delayed Hypersensitivity Drug Reactions: Dilemmas in Diagnosis and Treatment
5:00 – 7:00 pm	24th Annual FIT Bowl Competition
6:00 – 7:00 pm	Alliance International Reception
7:00 – 7:45 pm	Awards Ceremony
7:45 – 9:00 pm	President's Welcome Reception

## Sunday, November 8

6:15 – 8:15 am	<b>Breakfast Symposium – Treatment Strategies for Children Having Both Persistent Allergic Rhinitis and Asthma</b>
6:30 – 8:30 am	Workshop
	<b>W15</b> Hands-On Session in Rhinologyngoscopy
7:00 – 8:15 am	Meet the Professor Breakfasts
	<b>S1</b> Eosinophilic Gastrointestinal Disease
	<b>S2</b> Evaluation and Management of Difficult Rhinitis and CRS
	<b>S3</b> Novel Therapies for Chronic Urticaria and Angioedema
	<b>S4</b> Mast Cell Activation Syndrome

	<b>S5</b> Treatment of Immunodeficiency
	<b>S6</b> Severe Asthma
	<b>S7</b> The Role of Fungi in Asthma and CRS
	<b>S8</b> Aspirin Sensitivity Syndromes
	<b>S9</b> Making Sense of Food Desensitization: Opposing Views
	<b>S10</b> Allergic Component Testing
7:30 – 8:30 am	Poster Session
8:00 am – noon	Allied Health Professionals Course
8:30 – 10:00 am	<b>Plenary Session – Controversial Manifestations of Contact Dermatitis</b>
9:45 am – 2:00 pm	Exhibit Hall Open
10:00 – 10:30 am	Break in Exhibit Hall
10:30 – 11:00 am	<b>Bela Schick Lecture – “Oh, The Places You’ll Go!” Dr. Seuss Reminds Us About Paths to Take!</b>
11:00 am – 12:30 pm	<b>Plenary Session – Human Microbiome: The Interface of Immunology and Microbiology</b>
12:30 – 1:30 pm	Product Theaters in Exhibit Hall
1:30 – 3:30 pm	Concurrent Sessions
1:30 – 3:30 pm	<b>Symposium – ABAI/MOC: More Than Meeting the Test</b>
4:00 – 6:00 pm	<b>Symposium – Severe Asthma: Persistent Challenges; New Therapies</b>
4:00 – 6:00 pm	Workshops
	<b>W16</b> Proper Use of Immunoglobulin Replacement Therapy
	<b>W17</b> Many Faces of Dyspnea in the Athlete: VCD or Asthma?
	<b>W18</b> 2015 Coding, Billing and Regulations: Part 2 of 2
	<b>W19</b> Living With an Itch: A Practical Approach to Diagnosis and Treatment

# Schedule-at-a-Glance

## Sunday, November 8 *(continued)*

**W20** Are You Ready for SCID Newborn Screening?

**W21** Approach to Eosinophilic Esophagitis and Other Swallowing Disorders

**W22** Skin and Lungs After 65

**W23** Diagnostic Testing for Food Allergy: Is Component Testing Ready for Prime Time?

**W24** Nuts and Bolts on Rush and Cluster Immunotherapy

**W25** AACA All About Vaccines: Diagnosis, Management and Adverse Events

**W26** Problem-Based Learning: An Interactive Case Discussion of a Child With Recurrent Infections

7:00 pm

Fundraising Reception, Dinner and Performance

## Monday, November 9

6:30 – 7:45 am

Meet the Professor Breakfasts

**M1** Biofilms

**M2** Controversies in the Wheezing Pre-Schooler: New Studies

**M3** Evaluation of Immunodeficiency

**M4** Food Allergy: Controversies in Diagnosis

**M5** High EOs and/or High-IgEs: How Do You Evaluate?

**M6** Infectious Agents and Asthma Inception: Target for Prevention

**M7** The Science of the Asthma Action Plan and How to Fulfill Meaningful Use

**M8** Office Evaluation of Drug Allergy

**M9** Practical Aspects of Sublingual Immunotherapy: Dose/Duration/Specific Allergens/Geographic Niches/Efficacy and Safety

**M10** Suspected Reactions to Implanted Medical Devices (Utility of Lab Test)

8:00 – 9:30 am

**Plenary Session – Food Allergy: Component Testing, CoFAR Studies, Practical Considerations**

9:30 – 10:30 am

Annual Business Meeting

10:30 am – noon

**Plenary Session – Updates in Severe Asthma**

1:00 – 3:00 pm

Concurrent Sessions

1:00 – 3:00 pm

Workshops

**W27** Alcohol and Additive Allergies

**W28** Enhancing the Survival of Allergists: Facing Current Challenges Including Changing Markets and ACO

**W29** Immunotherapy in 2015: The Nuts and Bolts of SCIT and SLIT

**W30** Fat Lips and Swollen Throats: What are the Facts?

**W31** Penicillin (Beta-Lactam) Toolkit

**W32** Systemic Effects of Inhaled, Intranasal and Topical Corticosteroids

**W33** Unanswerable Questions: Conundrums in Anaphylaxis

**W34** Navigating the Vapors

3:30 – 5:00 pm

**Plenary Session – Update on Anaphylaxis**

5:00 pm

Meeting Adjourns

# International Food Allergy Symposium

Thursday, November 5

Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.acaai.org](http://www.acaai.org)

Co-Chairs: Amal H. Assa'ad, MD, FAAAAI and Sami L. Bahna, MD, DrPH, FAAAAI

8:00 am **Welcome and Introductions**  
Bryan L. Martin, DO, FAAAAI

8:15 – 10:00 am

## Manifestations

Moderators: Sami L. Bahna, MD, DrPH, FAAAAI  
and Helen Hei-lin Chan, MD, FAAAAI

### Description

These presentations will review: 1) food allergy and possible mechanisms of how it is caused and how it is treated; 2) treatment options and diagnostic criteria for EoE and FPIES; and 3) the mechanisms and risk factors predisposing a patient to life-threatening allergic reactions.

8:15 am **Deciphering the Black Box of Food Allergy Mechanisms** 2 3  
Kari C. Nadeau, MD, PhD

8:45 am **Update on Non-IgE Food Allergies** 1 2 3  
Jonathan M. Spergel, MD, PhD, FAAAAI

9:15 am **Anaphylaxis Mechanism as Relates to Food Allergy** 1 2  
Peter Vadas, MD, PhD

9:45 am **Questions and Discussion**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Distinguish the various pathophysiologic and immunologic pathways that lead to food allergy
- Diagnose and manage the non-IgE mediated food allergies, as exemplified in FPIES and eosinophilic esophagitis
- Apply the knowledge of the latest mechanisms of anaphylaxis to the diagnosis and management of patients

10:00 am **Refreshment Break**

10:15 am – noon

## Diagnosis

Moderators: Karen A. Freedle, MD, FAAAAI  
and Mary C. Tobin, MD, FAAAAI

### Description

These presentations will cover: 1) seafood classification, seafood allergens, cross-reactivities of seafood, diagnosis of seafood allergy and medical disorders mimicking seafood allergy; 2) the most up-to-date and practical approach to diagnosis of food allergy utilizing diagnostic tests that are clinically available and others that are still in the research arena; and 3) current and potential future diagnostic modalities for eosinophilic esophagitis.

10:15 am **Not Every Seafood "Allergy" is Allergy!** 1 2  
Sami L. Bahna, MD, DrPH, FAAAAI

10:45 am **What is New in Food Allergy Diagnostics?** 1 2 3 4 5 6  
Amal H. Assa'ad, MD, FAAAAI

11:15 am **AAAAI-Supported Research: Current and Potential New Diagnostic Tests for EoE** 1 2  
Kelly M. Maples, MD, FAAAAI

11:45 am **Questions and Discussion**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify and manage all forms of seafood allergy
- Utilize diagnostic techniques such as component testing and food challenges in the management of patients with food allergy
- Discuss updates on research and clinical diagnostic methods of eosinophilic esophagitis

Noon **Lunch Break (on own) and Poster Viewing**

# International Food Allergy Symposium

Thursday, November 5 (continued)

Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.acaai.org](http://www.acaai.org)

Co-Chairs: Amal H. Assa'ad, MD, FAAAAI and Sami L. Bahna, MD, DrPH, FAAAAI

1:15 – 3:00 pm

## Dietary Management

Moderators: Amal H. Assa'ad, MD, FAAAAI  
and Matthew Greenhawt, MD, MBA, MSc, FAAAAI

### Description

These presentations will review: 1) the GLAD-p guidelines, produced by WAO, which present information on the possible role of probiotics and prebiotics in allergy prevention; and 2) the role of the dietitian in taking a food allergy focused diet history, developing food challenge recipes and protocols, managing the nutritional aspects of food allergy and monitoring growth and development in children, and finally their emerging role in designing foods suitable for oral immunotherapy.

- 1:15 pm **The Role of Prebiotics and Probiotics in Food Allergy** 1 2  
Alessandro Fiocchi, MD, FAAAAI (SC)
- 1:45 pm **Diet for Food Allergy Diagnosis and Treatment** 1 2 3  
Carina Venter, PhD, RD
- 2:15 pm **Abstract Presentation #1**  
TBD
- 2:30 pm **Abstract Presentation #2**  
TBD
- 2:45 pm **Questions and Discussion**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Utilize probiotics in the prevention and treatment of the atopic disorders where they have been shown to be effective
- Design balanced dietary interventions for the diagnosis and treatment of various food allergies

3:00 pm **Refreshment Break**

3:15 – 5:00 pm

## Food Allergy Prevention and Management

Moderators: Sami L. Bahna, MD, DrPH, FAAAAI  
and Theresa A. Bingemann, MD, FAAAAI

### Description

These presentations will review: 1) how numerous interactions may take place between medications and proper food processing in the intestine, ranging from non-digestion such as during anti-ulcer medication, or antibiotics intake changing the composition of the flora and how all may support sensitization to food as well as affect the threshold levels in already sensitized patients; possible interference of acetaminophen and vitamins with food allergy risk will also be discussed; and 2) a discussion of the latest in the development of a treatment for food allergy, including oral, sublingual and epicutaneous immunotherapy.

- 3:15 pm **Are Medications Increasing the Development of Food Allergy?** 1 2  
Prof. Dr. Erika Jensen-Jarolim
- 3:45 pm **Abstract Presentation #3**  
TBD
- 4:00 pm **Abstract Presentation #4**  
TBD



4:15 pm  
**Luisa Businco Memorial Lecture**  
**The Latest on Food Allergy Immunotherapy** 2 3 6  
A. Wesley Burks, MD, FAAAAI

4:45 pm **Questions and Discussion**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify the risk factors for the development of food allergy that applies to their patient and design interventions to reduce the risk
- Inform their patients of the latest research endeavors on various methods of food allergy immunotherapy and the outcomes

5:00 pm **Adjourn**

# Annual Literature Review

Friday, November 6

## Everything You Should Have Read Last Year, But Didn't!

**Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.acaaai.org](http://www.acaaai.org)**

*(You must be registered for the Annual Scientific Meeting to enroll in the Annual Literature Review)*

To help you keep abreast of the latest clinical developments in allergy and immunology, ACAAI will continue its highly successful Literature Review program. It's a review of the most important, clinically focused literature of our specialty published between October 2014 and August 2015, with emphasis on clinical relevance. Faculty includes allergy/immunology training program directors and specialists in practice.

7:30 – 11:30 am

Moderator: James T. Li, MD, PhD, FAAAAI

7:30 am	<b>Basic Immunology</b> 2 5 6 Mitchell H. Grayson, MD, FAAAAI
8:00 am	<b>Update on Antimicrobials, Infectious Diseases and Vaccines</b> 1 2 3 Chitra Dinakar, MD, FAAAAI
8:30 am	<b>Update in Clinical Immunology</b> 1 2 3 John M. Routes, MD, FAAAAI
9:00 am	<b>Asthma and Lower Respiratory Diseases</b> 1 2 James T. Li, MD, PhD, FAAAAI
9:30 am	<b>Refreshment Break</b>
9:45 am	<b>Update on Skin Diseases: Urticaria, Angioedema and Other Skin Disorders</b> 1 2 3 Marc A. Riedl, MD, MS
10:15 am	<b>Update in Pediatric Allergy</b> 1 2 John M. Kelso, MD, FAAAAI
10:45 am	<b>Anaphylaxis, Drug Allergy and Stinging Insect Hypersensitivity</b> 1 2 3 6 Anthony Montanaro, MD, FAAAAI
11:15 am	<b>Questions and Discussion</b>
11:30 am	<b>Lunch Break (on own)</b>

12:30 – 3:30 pm

Moderator: David A. Khan, MD, FAAAAI

12:30 pm	<b>Immunotherapy</b> 1 2 Harold S. Nelson, MD, FAAAAI
1:00 pm	<b>Food Allergy</b> 1 3 Matthew Greenhawt, MD, MBA, MSc, FAAAAI
1:30 pm	<b>Occupational and Environmental Allergy</b> 1 2 Mark S. Dykewicz, MD, FAAAAI
2:00 pm	<b>Refreshment Break</b>
2:15 pm	<b>Rhinitis and Sinusitis</b> 1 Anju T. Peters, MD
2:45 pm	<b>The Year's Best Articles</b> 1 2 David A. Khan, MD, FAAAAI
3:15 pm	<b>Questions and Discussion</b>
3:30 pm	<b>Adjourn</b>

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss recent developments in basic immunology in relation to allergic disorders
- Describe recent developments in infectious diseases, antimicrobials, and vaccines
- Discuss recent developments in clinical immunology
- Better diagnose and manage asthma and COPD
- Discuss important scientific and clinical advances in the pathophysiology and treatment of urticaria, angioedema, and other skin disorders
- Apply practical lessons learned from recent literature in pediatric allergy, asthma and immunology
- Identify new concepts in anaphylaxis, drug allergy and stinging insect hypersensitivity, as well as utilize clinically relevant findings in these areas
- Describe recent developments in immunotherapy
- Discuss recent developments in food and additives allergy
- Better counsel patients on environmental factors that may impact respiratory and allergic disease, and better recognize, diagnose and manage occupational allergic diseases
- Describe recent developments in rhinitis and sinusitis
- Apply practical lessons learned from recent literature in allergy, asthma and immunology

# Symposia

## Friday, November 6

8:30 – 10:30 am

### Breakfast Symposium

## Triumvirate of Parameters for Allergic Skin Diseases

Moderator: Stephen A. Tilles, MD, FAAAAI

### Description

These presentations will review: 1) the diagnosis and management of chronic urticaria/angioedema based on best evidence; 2) the rationale for the Atopic Dermatitis Practice Parameter update and address key parts of the management algorithm; and 3) highlights of the 2015 Practice Parameters for Contact Dermatitis.

8:30 am	<b>Welcome and Introductions</b> Stephen A. Tilles, MD, FAAAAI	
8:35 am	<b>Urticaria</b> David M. Lang, MD, FAAAAI	1 2 3 4
9:05 am	<b>Atopic Dermatitis</b> Mark Boguniewicz, MD, FAAAAI	1 2 3 4 5
9:35 am	<b>Contact Dermatitis</b> Luz S. Fonacier, MD, FAAAAI	1 2
10:05 am	<b>Questions and Discussion</b>	
10:30 am	<b>Adjourn</b>	

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe important identifiable causes of chronic urticaria that warrant further diagnostic work-up and discuss evidence basis for, and appropriate uses of, anti-IgE therapy for idiopathic chronic urticaria
- Discuss practice parameter summary statements regarding the management of refractory atopic dermatitis
- Describe proper use of patch testing and implications for management

11:30 am – 1:15 pm

### Luncheon Symposium

## Hereditary Angioedema: Management Challenges

Moderator: Richard G. Gower, MD, FAAAAI

### Description

These presentations will review: 1) the important principles in the management of HAE due to C1INH deficiency as outlined by published evidence-based practice parameters; and 2) the diagnosis and treatment of HAE with normal C1INH and ambiguity in diagnostic criteria will be addressed.

11:30 am	<b>Welcome and Introductions</b> Richard G. Gower, MD, FAAAAI	
11:35 am	<b>Approach to HAE Type 1 and Type 2: What Do the Practice Parameters Say?</b> Marc A. Riedl, MD, MS	1 2 3
12:05 pm	<b>HAE With Normal C1 Inhibitor: What to Do</b> Bruce L. Zuraw, MD, FAAAAI	1 2 3 6
12:35 pm	<b>Cases and Panel Discussion</b> Richard G. Gower, MD, FAAAAI	1
1:05 pm	<b>Questions and Discussion</b>	
1:15 pm	<b>Adjourn</b>	

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize the clinical presentations of HAE and how to distinguish it from histamine mediated angioedema
- Appropriately determine in whom to prescribe prophylactic HAE therapy
- Discuss the risks, benefits, and costs of available HAE treatments



Photo courtesy of San Antonio Convention and Visitors Bureau

# Symposia

Friday, November 6

1:30 – 3:30 pm

## Symposium

### Asthma, COPD and Asthma-COPD Overlap Syndrome (ACOS)

Moderator: David I. Bernstein, MD, FAAAAI

#### Description

These presentations will cover the following topics: 1) although airway obstruction characterizes emphysema, chronic bronchitis and asthma, considerable overlap exists in these syndromes; the definition of these common diseases is complicated by the fact that significant numbers of patients are exposed to cigarette smoke; in addition, pre-existing asthma may predispose patients to the development of COPD when exposed to tobacco smoke or biomass exhaust; and that the development of novel therapeutic approaches to improve outcomes are critical to decrease morbidity and mortality associated with ACOS; 2) physiologic changes associated with the aging lung and patients with ACOS, their clinical characteristics including similarities and differences, and approach to their treatment; and 3) an overview of the prevalence and impact of comorbidities in patients with ACOS.

1:30 pm	<b>Welcome and Introductions</b> David I. Bernstein, MD, FAAAAI	
1:35 pm	<b>Chronic Airway Obstruction: What Does That Mean? Defining and Categorizing ACOS</b> Reynold A. Panettieri, Jr., MD	1 2
2:05 pm	<b>Appropriate Use of New Therapeutic Agents and ACOS</b> Stephen P. Peters, MD, PhD	1 2 3 6
2:35 pm	<b>The Impact of Comorbidities on the Clinical Course of ACOS</b> Nicola A. Hanania, MBBS	2 3
3:05 pm	<b>Questions and Discussion</b>	
3:30 pm	<b>Adjourn</b>	

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize that asthma, like COPD, can be an irreversible lung disease in both children and adults and be able to institute appropriate measures to slow this decline
- Manage exacerbations in patients with asthma/COPD overlap syndrome (ACOS), and assess when, and if, such patients should be referred to another specialist for further care
- Discuss the comorbidities that occur in patients with asthma/COPD overlap syndrome (ACOS) and be able to manage them

4:00 – 6:00 pm

## Symposium

### Managing Non-Infectious Complications of Common Variable Immunodeficiency

Moderator: Gerald B. Lee, MD

#### Description

These presentations will review: 1) how to recognize and treat the pulmonary complications of common variable immunodeficiency; 2) how to recognize and treat the autoimmune complications of common variable immunodeficiency; and 3) the description of malignancies associated with common variable immunodeficiency diseases.

4:00 pm	<b>Welcome and Introductions</b> Gerald B. Lee, MD	
4:05 pm	<b>Managing Pulmonary Complications of Common Variable Immunodeficiency</b> John M. Routes, MD, FAAAAI	1 2
4:35 pm	<b>Managing Autoimmune Complications of Common Variable Immunodeficiency</b> Anthony Montanaro, MD, FAAAAI	1 2
5:05 pm	<b>Recognizing Malignancies Associated With Common Variable Immunodeficiency</b> William T. Shearer, MD, PhD	1 2
5:35 pm	<b>Questions and Discussion</b>	
6:00 pm	<b>Adjourn</b>	

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize and treat the pulmonary complications of common variable immunodeficiency
- Recognize and treat the autoimmune complications of common variable immunodeficiency
- Describe malignancies associated with common variable immunodeficiency diseases

# General Sessions

Friday, November 6

4:00 – 6:00 pm

## House of Delegates Meeting and Town Hall Forum

NOT FOR  
CREDIT

All Meeting Attendees Are Welcome!  
**Beer, Wine and Cheese Reception**

The HOD Town Hall Meeting will begin with an informal networking session, giving you the opportunity to discuss issues with colleagues, Delegates and the ACAAI leadership.

The first part of the agenda will cover the business meeting. Then expert speakers will lead energized discussions on topics you have requested, including:

- Introduction of the New HOD Structure and the Annual Report to Delegates by Kathleen R. May, MD, FACAAl, Speaker of HOD
- An Advocacy Council Update by J. Allen Meadows, MD, FACAAl, Chair of the Advocacy Council
- Washington Update: What Repeal of the SGR Means to Allergists by Bill Finerfrock, Chief Governmental Affairs Consultant at Capitol Associates
- And much more



## Other Friday Activities

8:00 am – 3:30 pm

**Office Administrators Practice  
Management Course**

NOT FOR  
CREDIT

8:00 am – 4:45 pm

**Advanced Practice Health Care Providers Course**

3:00 – 6:00 pm

**Exhibit Hall Open**

3:30 – 4:00 pm

**Break in Exhibit Hall**

3:30 – 5:30 pm

**FIT Educational Program**

4:00 – 6:00 pm

**Workshops** (see page 29 for full details)

W1 Insect Allergy Update

W2 Difficult to Control Rhinosinusitis:

What the Experts Do

W3 Drug Allergy: Options Beyond Avoidance –

Where the Allergist Matters

W4 Technology (Tablets/Gadgets and Apps):

An Integral Part of Patient Care

W5 Food Challenges in Practice

W6 Patch Testing – Hands-On:

Who, What and How to Advise

4:45 – 6:00 pm

**Advanced Practice, Allied Health and Office  
Administrators Networking Reception**

5:30 – 6:30 pm

**FIT General Meeting**

6:00 – 7:30 pm

**Corporate Forum**

NOT FOR  
CREDIT

6:00 – 9:30 pm

**American Association of Allergists and  
Immunologists of Indian Origin Annual Scientific  
Meeting and Dinner Symposium**

6:30 – 7:30 pm

**FIT Welcome Reception**

8:00 – 9:30 pm

**Corporate Forum**

NOT FOR  
CREDIT

# General Sessions

Saturday, November 7

## Opening Ceremony and Welcome Announcements

8:00 – 8:30 am

**James L. Sublett, MD, FAAAAI, ACAAI President**

**Bryan L. Martin, DO, FAAAAI, ACAAI President-Elect and Program Chair**

**Mrs. Judy Fineman, Alliance President**

8:30 – 10:30 am

**Plenary Session** MOC/CME

## Biologics in Practice: Unique Opportunity for Allergist Expertise

Moderators: **Rohit K. Katial, MD, FAAAAI**  
and **James L. Sublett, MD, FAAAAI**

### Description

These presentations will review: 1) recent advances in our understanding of immune mechanisms of asthma including roles of epithelial cells and epithelial cell derived cytokines and novel immune cell types including ILC2, ILC3, iNKT cells, gd cells, and Th17 cells; 2) the therapeutic potential of immune response modifiers (IRMs); discussion of strategies to optimize treatment with IRMs including the role of personalized medicine; and discuss patient-specific features that can influence IRMs therapeutic benefits; and 3) presentations and management of hypersensitivity reactions to biologics.

- 8:30 am **Welcome and Introductions**  
Rohit K. Katial, MD, FAAAAI and James L. Sublett, MD, FAAAAI
- 8:35 am **Update in the Immunology of Asthma** 2  
Larry Borish, MD, FAAAAI
- 9:05 am **Characterization of Asthma Endotypes: Implications for Therapy** 1 2 3 6  
Thomas B. Casale, MD, FAAAAI
- 9:35 am **Adverse Reactions to Biologic Agents** 1 2  
David A. Khan, MD, FAAAAI
- 10:05 am **Questions and Discussion**
- 10:30 am **Adjourn**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Discuss phenotypes and endotypes in the context of the patient with severe asthma
  - Describe the relative advantages and disadvantages associated with various asthma pharmacotherapies, particularly biologics
  - Discuss the side effect profiles of the various new therapies and how to go about handling such complications

11:00 am – 12:30 pm

**Plenary Session**

## The Sky Is Not Falling: Flourishing Despite Tectonic Shifts to U.S. Health Care

Moderator: **Bryan L. Martin, DO, FAAAAI**

### Description

These presentations will: 1) review the future trajectory of health care delivery in the US and the impact it is having on physicians; and 2) examine why health care professionals are hardwired to worry and predict what could go wrong, (Darwinian Fitness) establishing the need for each individual to work toward being resilient; and will focus on character typologies inherent in each of us that drive personalities and subsequent behaviors that lead to success but do little to create resilience and ultimately happiness.

- 11:00 am **Welcome and Introductions**  
Bryan L. Martin, DO, FAAAAI



11:05 am

### Lester Mittelstaedt Lecture Why Creation of Successful "Systems of Care" Is Crucial for Our Future

3 6

Mark T. O'Hollaren, MD, FAAAAI

- 11:45 am **Fighting Your Natural Instincts: 10 Steps Toward Building A Resilient Office** 1 2 3 4  
Kenneth Yeager, PhD
- 12:20 pm **Questions and Discussion**
- 12:30 pm **Adjourn**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Examine reasons for entering health care as a profession and discuss how these factors relate to personal experience
  - Demonstrate how health care work and personality characteristics interact to facilitate a natural progression toward burnout and compassion fatigue
  - Build a resilient practice utilizing the resilience that can be built into a system of care

# General Sessions

Saturday, November 7

1:30 – 3:00 pm

## Plenary Session

### The Great Raft Debate: Hottest Topic in EoE

Moderators: William K. Dolen, MD, FAAAAI  
and Maeve E. O'Connor, MD, FAAAAI

#### Description

The presentations in this debate will cover: 1) the fact that the etiology and pathogenesis of eosinophilic esophagitis is very important and should remain on “the raft”; 2) the options for diagnostic testing of patients with EoE and evidence for how to interpret the test results and use them in the care of EoE patients; 3) the various methods proposed for disease monitoring of EoE patients and compare the evidence to determine which method has the greatest reliability; and 4) the optimal therapy for EoE and review the pros and cons of each therapy.

- 1:30 pm **Welcome and Introductions**  
William K. Dolen, MD, FAAAAI and  
Maeve E. O'Connor, MD, FAAAAI
- Etiology and Pathogenesis** 1 2 3 5  
Amal H. Assa'ad, MD, FAAAAI
- Diagnostic Testing** 1 2  
Elizabeth A. Erwin, MD
- Disease Monitoring** 1 2 3  
Gailen D. Marshall, MD, PhD, FAAAAI
- Dietary or Medical Management** 1 2  
Jonathan M. Spergel, MD, PhD, FAAAAI
- 2:45 pm **Questions and Discussion**
- 3:00 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss the etiology and pathogenesis of eosinophilic esophagitis
- Recognize the most accurate diagnostic testing and methods for disease monitoring in eosinophilic esophagitis
- Manage exacerbations and maintain homeostasis in patients with eosinophilic esophagitis
- Recognize the most accurate diagnostic testing and methods for disease monitoring in eosinophilic esophagitis

3:30 – 5:30 pm

## Symposium **MOC/CME**

### Altering the Natural History of Allergic Diseases With Immunotherapy

Moderator: Chitra Dinakar, MD, FAAAAI

#### Description

These presentations will review: 1) the most current data on the use of SCIT and SLIT to treat respiratory allergies; 2) the current status of immunotherapy for the treatment of food allergy focusing on the risks and benefits of oral, sublingual and epicutaneous immunotherapy, novel forms of immunotherapy in the preclinical stage and their potential benefits over more conventional therapies; and 3) whether allergy practices should offer SLIT to their patients, examine why we offer SLIT in our practice, discuss how SLIT extract is mixed, how the allergist practices charge for the extract, and also pros and cons of SLIT.

- 3:30 pm **Welcome and Introductions**  
Chitra Dinakar, MD, FAAAAI
- 3:35 pm **SCIT and SLIT in Everyday Practice:  
Current Best Practice** 1 2  
Harold S. Nelson, MD, FAAAAI
- 4:05 pm **Immunotherapy for Food:  
Where Do We Stand?** 1 2  
Kari C. Nadeau, MD, PhD
- 4:35 pm **Controversies of SLIT in Your  
Practice Today: Therapeutic  
Modalities, Liabilities, Reimbursement** 1 6  
Stanley M. Fineman, MD, MBA, FAAAAI
- 5:05 pm **Questions and Discussion**
- 5:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize the similarities and differences in logistics, efficacy, and safety of SLIT and SCIT for inhalant allergies
- Discuss results of recent food allergy immunotherapy clinical trials
- Discuss likely future strategies for performing immunotherapy, including using adjuvants, biologicals and peptides

# General Sessions

Saturday, November 7

## 24th Annual FIT Bowl Competition

5:00 – 7:00 pm **NOT FOR CREDIT**

Test your knowledge, sharpen your wits and join in the fun at the dynamic, fast-paced FIT Bowl!

Participating teams from training programs around the country will compete to answer a variety of serious (and, not so serious) questions posed by an expert panel. In 2014, twenty-six teams from the US and Mexico participated at this popular game show.

## Awards Ceremony

7:00 – 7:45 pm

The College invites all registrants to the ACAAI Awards Ceremony where we will recognize our 2015 award recipients and formally welcome our newly-approved Fellows.

The event will begin at 7:00 pm with our new Fellows being honored for their accomplishments. We will also recognize the recipients of the ACAAI's Distinguished Fellow, International Distinguished Fellow, Distinguished Service, Clemens von Pirquet and Woman in Allergy awards.

Finally, we'll introduce this year's winner of the College's prestigious Gold Headed Cane Award.

## President's Welcome Reception

7:45 – 9:00 pm

All registrants are invited to the ACAAI President's Welcome Reception, which will immediately follow the Awards Ceremony. It's the perfect place to catch up with old friends, make new acquaintances and meet the ACAAI President, President-Elect and the Alliance President. The event will also feature a live auction.

Plan to join us for this fun-filled event.

## Other Saturday Activities

8:00 am – 4:45 pm

**Allied Health Professionals Course**

9:45 am – 4:30 pm

**Exhibit Hall Open**

Noon – 1:30 pm

**GME Program Directors' Luncheon**

12:30 – 1:30 pm

**Product Theater**

12:30 – 3:30 pm

**Doctors' Job Fair**

3:30 – 4:30 pm

**Poster Session** **NOT FOR CREDIT**

3:30 – 5:30 pm

**Workshops** (see pages 29-30 for full details)

W7 2015 Coding, Billing and Regulations: Part 1 of 2

W8 Severe Asthma

W9 Food Allergies: What's New in Prevention and Treatment

W10 Laboratory Evaluation of the Immune System

W11 Atopic Dermatitis In-Depth

W12 Introductory Course in Rhinologyngoscopy  
W13 Allergies in Infants and Very Young Children  
(Asthma, Cough, Urticaria and Eczema in Children <5 Years)

W14 Delayed Hypersensitivity Drug Reactions:  
Dilemmas in Diagnosis and Treatment

6:00 – 7:00 pm

**Alliance International Reception**

# General Sessions

## Sunday, November 8

6:15 – 8:15 am

### Breakfast Symposium

## Treatment Strategies for Children Having Both Persistent Allergic Rhinitis and Asthma

Moderator: Dana V. Wallace, MD, FAAAAI

### Description

These presentations will review: 1) which daily mono and combined medications are immunotherapy options that are most effective in the pediatric population, what works for chronic sinusitis and if treatment should differ for children with or without concurrent asthma; 2) list the reasons that support the use of small particle size inhaled steroids in pediatric asthma, discuss the merits of nebulized vs. MDI vs. dry powder use of inhaled steroids, debate daily vs. dynamic dosing for pediatric patients with persistent but not daily asthma symptoms; and 3) discuss overall safety of nasal and inhaled steroids in pediatrics, the nasal and inhaled steroids with the best safety profile, explain the published data and expert opinion on the safety of using both products concurrently, and compare the safety of daily inhaled steroids over intermittent oral burst of steroids.

6:15 am	<b>Welcome and Introductions</b> Dana V. Wallace, MD, FAAAAI	
6:20 am	<b>Persistent Pediatric Upper Airway Inflammation: Effective Management</b> Eli O. Meltzer, MD, FAAAAI	1 2
6:55 am	<b>Mild/Moderate Persistent Pediatric Asthma: Preferred Particle Size, Delivery Method and Dosing (Daily vs. Dynamic)</b> David P. Skoner, MD, FAAAAI	1 2
7:35 am	<b>Safety of Using Both Nasal and Inhaled Corticosteroids in Pediatric Patients</b> Bobby Q. Lanier, MD, FAAAAI	1 2
8:05 am	<b>Questions and Discussion</b>	
8:15 am	<b>Adjourn</b>	

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss which daily mono and combined medications and immunotherapy options are most effective in the pediatric population for persistent allergic rhinitis; explain what works for chronic sinusitis in the pediatric population; and debate if treatment should be different for children with or without concurrent asthma
- List the reasons that support, or lack thereof, for the use of small particle size inhaled steroids in pediatric asthma; discuss the merits of nebulized vs. MDI vs. dry powder use of inhaled steroids in the pediatric patient (age 6 and older); and debate daily vs. dynamic dosing for pediatric asthmatics with “persistent” but not daily asthma symptoms

- Discuss overall safety of nasal and inhaled steroids in pediatrics; list the nasal and inhaled steroids with the best safety profile for pediatric patients; explain the published data and expert opinion on the safety of using both products concurrently in pediatric patients; and compare the safety of daily inhaled steroids over intermittent oral burst of steroids (e.g., 1-2 times/year) over a 1 to 2 year time period

8:30 – 10:00 am

### Plenary Session **MOC/CME**

## Controversial Manifestations of Contact Dermatitis

Moderator: Luz S. Fonacier, MD, FAAAAI

### Description

These presentations will review: 1) manifestations of allergic reactions to implanted metal devices, the controversies regarding this and the appropriate work up for these patients; 2) the challenging diagnostic and management issues in evaluating patients with putative allergy to vascular, dental and gynecologic devices; and 3) how to identify other causes of dermatitis with generalized distribution.

8:30 am	<b>Welcome and Introductions</b> Luz S. Fonacier, MD, FAAAAI	
8:35 am	<b>Hypersensitivity to Orthopedic Biomedical Devices</b> Peter Schalock, MD	1 2
9:00 am	<b>Hypersensitivity to Cardiovascular, Dental and Gynecological Devices</b> James S. Taylor, MD	1 2 5
9:25 am	<b>Systemic Contact Dermatitis Beyond Metals</b> David E. Cohen, MD	1 2
9:50 am	<b>Questions and Discussion</b>	
10:00 am	<b>Adjourn</b>	

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss the relationship between metal hypersensitivity and prosthetic joint failure
- Discuss similarities and differences in allergic reactions to cardiovascular, dental and gynecologic medical devices
- Identify other causes of dermatitis with generalized distribution such as systemic contact dermatitis to drugs, food and fragrances

# General Sessions

Sunday, November 8



10:30 am  
**Bela Schick Lecture**  
**"Oh, The Places You'll Go!"**  
**Dr. Seuss Reminds Us About**  
**Paths to Take**  
Todd A. Mahr, MD, FACAAl

11:00 am – 12:30 pm

**Plenary Session** MOC/CME

## Human Microbiome: The Interface of Immunology and Microbiology

Moderator: Michael B. Foggs, MD, FACAAl

### Description

These presentations will review: 1) the role of microbiome in the pathogenesis of asthma, related traits and other inflammatory disease; 2) how gut microbiota dysbiosis contributes to aberrant immune development and the development of allergic disease and asthma; and 3) how asthma is a heterogeneous disease with differing clinical and inflammatory phenotypes, especially among adults; to include discussion of recent observations of airway dysbiosis in asthma and relationships to phenotypic features of the disease, including possible treatment implications.

- 11:00 am **Welcome and Introductions**  
Michael B. Foggs, MD, FACAAl
- 11:05 am **Modulation of the Gut Microbiota for Treatment and Prevention of Non-Communicable Inflammatory Diseases** 2  
Fernando D. Martinez, MD
- 11:30 am **The Microbiome in the Development of Allergic Disease in Asthma** 2  
Lanny J. Rosenwasser, MD, FACAAl
- 11:55 am **Microbiome Diversity: Asthma and Allergy Risks and Treatment Implications** 2  
Yvonne Huang, MD
- 12:20 pm **Questions and Discussion**
- 12:30 pm **Adjourn**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Discuss facets of modulation of gut microbiota that lead to disruption of host-microorganism homeostasis and contributes to the development of non-communicable inflammatory diseases.
  - Explain how gut microbiota dysbiosis contributes to aberrant immune development and the development of allergic disease and asthma.
  - Discuss the implications of gut microbiota modification for treatment and prevention of allergic disease and asthma

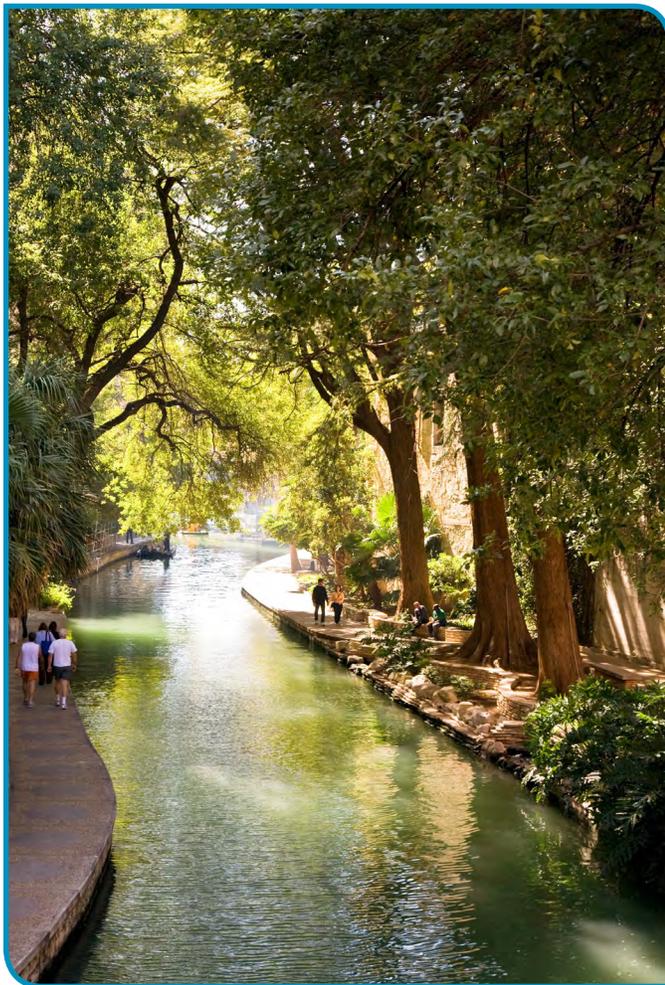


Photo courtesy of San Antonio Convention and Visitors Bureau

# General Sessions

Sunday, November 8

1:30 – 3:30 pm

**Symposium** MOC/CME

## ABAI/MOC: More Than Meeting the Test

Moderators: Charles J. Siegel, MD, FAAAAI  
and Brett E. Stanaland, MD, FAAAAI

### Description

These presentations will review: 1) information about professional self-regulation with a focus on Board Certification and recent changes in Maintenance of Certification that make the program more accessible and relevant to physician; 2) ABAI's MOC program in context with the rapidly changing medical landscape, and insight into how the program is developed and modified over time; the value proposition for ABAI's MOC program will be addressed and attendees will gain a better understanding into how the ABAI secure examination is constructed; and 3) the ways to prepare and allocate time and effort in order to successfully complete the MOC process.

1:30 pm	<b>Welcome and Introductions</b> Charles J. Siegel, MD, FAAAAI and Brett E. Stanaland, MD, FAAAAI	
1:35 pm	<b>The Big Picture</b> Lois M. Nora, MD, JD, MBA, ABMS President and CEO	3 5
2:05 pm	<b>How It Comes Together for You, the ABAI Diplomate</b> Stephen I. Wasserman, MD, FAAAAI	1 2 3 4 5 6
2:35 pm	<b>How to Wisely Walk the MOC Pathway</b> Mark L. Corbett, MD, FAAAAI	2 3 4 5
3:05 pm	<b>Questions and Discussion</b>	
3:30 pm	<b>Adjourn</b>	

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe the mission and infrastructure of the ABAI
- Discuss how the ABAI MOC process helps Diplomates
- Optimize his or her MOC learning experience

4:00 – 6:00 pm

**Symposium**

## Severe Asthma: Persistent Challenges; New Therapies

Moderator: John J. Oppenheimer, MD, FAAAAI

### Description

These presentations will review: 1) the emerging therapies, various biologics and therapeutics under development for severe asthma and put these in the context of various phenotypes; 2) which patients will be appropriate candidates for new severe asthma therapies and how to overcome logistical barriers regarding their use, including obtaining third party payer approval for expensive biologic therapies; and helping patients understand co-payment assistance options; and 3) discuss which patients will be appropriate candidates for new severe asthma therapies.

4:00 pm	<b>Welcome and Introductions</b> John J. Oppenheimer, MD, FAAAAI	
4:05 pm	<b>Refractory Asthma: Defining the Unmet Need</b> Rohit K. Katial, MD, FAAAAI	1
4:35 pm	<b>Pharmacoeconomics of Asthma Therapy: Where Have We Been? Where Are We Going?</b> Michael B. Foggs, MD, FAAAAI	2
5:05 pm	<b>Biologic and Other New Therapies for Severe Asthma</b> Kevin R. Murphy, MD, FAAAAI (SC)	1
5:35 pm	<b>Questions and Discussion</b>	
6:00 pm	<b>Adjourn</b>	

### Learning Objectives

Upon completion of this session, participants should be able to:

- Summarize the leading hypotheses regarding mechanisms for why severe asthma is treatment resistant
- Discuss which patients will be appropriate candidates for new severe asthma therapies
- Discuss how to obtain new asthma therapies for their patients

# General Sessions

Sunday, November 8

## Other Sunday Activities

6:30 – 8:30 am

**Workshop** (see page 31 for full details)

W15 Hands-On Session in Rhinolaryngoscopy

7:00 – 8:15 am

**Meet the Professor Breakfasts**

(see pages 25-26 for full details)

S1 Eosinophilic Gastrointestinal Disease

S2 Evaluation and Management of Difficult Rhinitis and CRS

S3 Novel Therapies for Chronic Urticaria and Angioedema

S4 Mast Cell Activation Syndrome

S5 Treatment of Immunodeficiency

S6 Severe Asthma

S7 The Role of Fungi in Asthma and CRS

S8 Aspirin Sensitivity Syndromes

S9 Making Sense of Food Desensitization

S10 Allergic Component Testing

7:30 – 8:30 am

**Poster Session**



8:00 am – noon

**Allied Health Professionals Course**

9:45 am – 2:00 pm

**Exhibit Hall Open**

1:30 – 3:30 pm

**Concurrent Sessions**

## Other Sunday Activities

4:00 – 6:00 pm

**Workshops** (see pages 31-33 for full details)

W16 Proper Use of Immunoglobulin Replacement Therapy

W17 Many Faces of Dyspnea in the Athlete: VCD or Asthma?

W18 2015 Coding: Billing and Regulations: Part 2 of 2

W19 Living With an Itch: A Practical Approach to Diagnosis and Treatment

W20 Are You Ready for SCID Newborn Screening?

W21 Approach to Eosinophilic Esophagitis and Other Swallowing Disorders

W22 Skin and Lungs After 65

W23 Diagnostic Testing for Food Allergy: Is Component Testing Ready for Prime Time?

W24 Nuts and Bolts on Rush and Cluster Immunotherapy

W25 AACA All About Vaccines: Diagnosis, Management and Adverse Events

W26 Problem-Based Learning: An Interactive Case Discussion of a Child With Recurrent Infections

7:00 pm

**Fundraiser Reception, Dinner and Performance**

(see page 44)

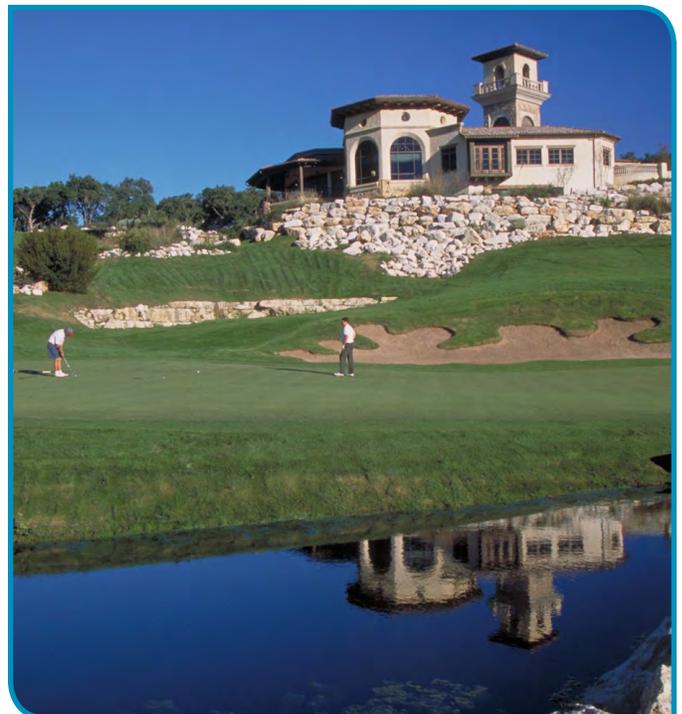


Photo courtesy of San Antonio Convention and Visitors Bureau

# General Sessions

## Monday, November 9

8:00 – 9:30 am

**Plenary Session** MOC/CME

### Food Allergy: Component Testing, CoFAR Studies, Practical Considerations

Moderator: Maeve E. O'Connor, MD, FAAAAI

#### Description

These presentations will review: 1) new findings regarding early complementary feeding as a method of risk reduction for the development of food allergy; 2) presentation of important study results from CoFAR over the last 10 years, focusing on OIT, SLIT, and natural history of food allergy; discussion of where we need to go based on these studies with respect to food allergy research in the coming decade; and 3) the burden that food allergy places on families and patients.

- 8:00 am **Welcome and Introductions**  
Maeve E. O'Connor, MD, FAAAAI
- 8:05 am **Screening Food Skin Tests in Infants: To LEAP or Not to LEAP** 1 2 6  
Matthew Greenhawt, MD, MBA, MSc, FAAAAI
- 8:30 am **CoFAR Update: What Have We Learned and Where Do We Need To Go?** 1 2  
David M. Fleischer, MD, FAAAAI
- 8:55 am **Burden of Food Allergy Beyond Anaphylaxis** 1  
Ruchi Gupta, MD, MPH
- 9:20 am **Questions and Discussion**
- 9:30 am **Adjourn**

#### Learning Objectives

- Upon completion of this session, participants should be able to:
- Identify and advise families with children who are at high risk of developing food allergy
  - Discuss treatment options for patients who already have developed food allergy
  - Monitor the burden of food allergy on families

### Annual Business Meeting

9:30 – 10:30 am

**James L. Sublett, MD, FAAAAI Presiding**  
*All Registrants Invited*

10:30 am – noon

**Plenary Session** MOC/CME

### Updates in Severe Asthma

Moderator: Gerald B. Lee, MD

#### Description

These presentations will review: 1) how basic science research has identified distinct pathophysiological endotypes in severe asthma; 2) the use of biomarkers and other tools to categorize the endotype of a severe asthma patient in the allergy/immunology clinic and indicate how these techniques have the potential to improve the care of patients with severe asthma; and 3) examination of the practical approaches currently available for patients not controlled on Step 4 Therapy and look at the role of biologics that will become available in the future of this patient population.

- 10:30 am **Welcome and Introductions**  
Gerald B. Lee, MD
- 10:35 am **Understanding Severe Asthma: A View From the Bench** 1 2  
Elliot Israel, MD
- 11:00 am **Appropriate Immunologic and Physiologic Assessment of Severe Asthma** 1 2 3 6  
Stephen P. Peters, MD, PhD



11:25 am

**John P. McGovern Lecture**  
**Developing Precision Treatment for Severe Asthma** 1 2 3  
Bradley E. Chipps, MD, FAAAAI

11:50 am **Questions and Discussion**

Noon **Adjourn**

#### Learning Objectives

- Upon completion of this session, participants should be able to:
- Recognize how basic science research has identified distinct pathophysiological endotypes in severe asthma
  - Utilize appropriate biomarkers to categorize the endotype of a severe asthma patient in the allergy/immunology clinic
  - Design a management plan that is individualized to a severe asthma patient's particular phenotype and endotype

# General Sessions

Monday, November 9

3:30 – 5:00 pm

**Plenary Session** MOC/CME

## Update on Anaphylaxis

Moderator: Phillip L. Lieberman, MD, FAAAAI

### Description

These presentations will review: 1) diagnostic criteria of mastocytosis and mast cell activation disorders; 2) updates on and opportunities to help improve emergency department anaphylaxis management; and 3) the difficulty of diagnosis of perioperative allergic reactions due to many differential diagnoses and varying mechanisms behind reactions, an approach to investigation, and the possible causes of perioperative allergic reactions including some important but overlooked causes.

- 3:30 pm **Welcome and Introductions**  
Phillip L. Lieberman, MD, FAAAAI
- 3:35 pm **Mast Cell Activating Disorders, Systemic Mastocytosis, Idiopathic Anaphylaxis (A Merging of the Three – Are They All the Same Condition?)** 1 2  
Cem Akin, MD, PhD
- 4:00 pm **Anaphylaxis in the Emergency Department: A Cooperative Management Event Between the Allergist and Emergency Department Physician** 1 3  
Ronna L. Campbell, MD, PhD
- 4:25 pm **I Experienced An Anaphylactic Reaction During Surgery and Need Surgery Again: Anaphylaxis in the Perioperative Period** 1 2 3  
Lene Heise Garvey, MD
- 4:50 pm **Questions and Discussion**
- 5:00 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Diagnose mast cell activating disorders and distinguish them from idiopathic anaphylaxis, and discern when to do a bone marrow in these conditions
- Facilitate interaction with emergency department physicians to increase the referral for an allergy evaluation after a patient is discharged from the emergency department after an anaphylactic event
- Skin test to discern the causative agent in anaphylaxis occurring during surgery

5:00 pm **2015 Annual Scientific Meeting Adjourns**

## Other Monday Activities

6:30 – 7:45 am

### Meet the Professor Breakfasts

(see pages 27-28 for full details)

M1 Biofilms

M2 Controversies in the Wheezing Pre-Schooler: New Studies

M3 Evaluation of Immunodeficiency

M4 Food Allergy: Controversies in Diagnosis

M5 High Eos and/or High IgEs: How Do You Evaluate?

M6 Infectious Agents and Asthma Inception: Target for Prevention

M7 The Science of the Asthma Action Plan and How to Fulfill Meaningful Use

M8 Office Evaluation of Drug Allergy

M9 Practical Aspects of Sublingual Immunotherapy: Dose/Duration/Specific Allergens/Geographic Niches/Efficacy and Safety

M10 Suspected Reactions to Implanted Medical Devices (Utility of Lab Test)

1:00 – 3:00 pm

### Concurrent Sessions

1:00 – 3:00 pm

**Workshops** (see pages 33-34 for full details)

W27 Alcohol and Additive Allergies

W28 Enhancing the Survival of Allergists: Facing Current Challenges Including Changing Markets and ACO

W29 Immunotherapy in 2015: The Nuts and Bolts of SCIT and SLIT

W30 Fat Lips and Swollen Throats: What Are the Facts?

W31 Penicillin (Beta-lactam) Toolkit

W32 Systemic Effects of Inhaled, Intranasal and Topical Corticosteroids

W33 Unanswerable Questions: Conundrums in Anaphylaxis

W34 Navigating the Vapors

# Meet the Professor Breakfasts

Sunday, November 8

7:00 – 8:15 am

Admission by Ticket Only • Please register online or forms available at [www.aaaai.org](http://www.aaaai.org) • Fee \$45 (FITS \$25) • Limit 30

## S1 Eosinophilic Gastrointestinal Disease 1 2 3 4 5 6

Amal H. Assa'ad, MD, FAAAAI and  
Karen A. Freedle, MD, FAAAAI

This session will discuss care and management of eosinophilic esophagitis with concentration on the role of the allergist in the disorder.

## S2 Evaluation and Management of Difficult Rhinitis and CRS 1 2 3

Larry Borish, MD, FAAAAI and  
Talal M. Nsouli, MD, FAAAAI

This session will include discussion of different presentations of CRS including those characterized by prominent eosinophilia, neutrophils, those with and without polyps, as well as unique endotypes such as CF, AERD, and AFS and how each of these requires individualized treatment approaches; and approaches to the patient with refractory rhinitis including local allergy (entropy) and neurogenic presentations of rhinitis will also be discussed.

## S3 Novel Therapies for Chronic Urticaria and Angioedema 1 2 3 4 5 6

Thomas B. Casale, MD, FAAAAI and  
Sheldon L. Spector, MD, FAAAAI

This session will review the licensed and novel therapies for the management of chronic urticaria; therapeutic options for antihistamine-resistant chronic urticaria, including the use of omalizumab in the treatment paradigm and discussion of the pathogenesis of chronic urticaria.

## S4 Mast Cell Activation Syndrome 1

Mariana C. Castells, MD, PhD, FAAAAI and  
Fred H. Hsieh, MD, FAAAAI

This session will cover the diagnosis and treatment of mast cell disease, including mast cell activation syndrome.

## S5 Treatment of Immunodeficiency 1

I. Celine Hanson, MD, FAAAAI and  
Gerald B. Lee, MD

This session will cover treatment modalities and care plan development for individuals with primary immune deficiency and how to counsel the immunodeficient patient on the prevention of recurrent infections.

## S6 Severe Asthma 1 2

Thomas A.E. Platts-Mills, MD, FAAAAI and  
Lanny J. Rosenwasser, MD, FAAAAI

This session will review the definition of severe asthma in the context of the ATS/ERS task force construct; describe emerging biotherapeutics in the treatment algorithms surrounding severe asthma; and define the relevance of fungal infection in the lungs and in severe asthma.

## S7 The Role of Fungi in Asthma and CRS 1 2 3 4 5 6

Paul A. Greenberger, MD, FAAAAI

This session will explore how fungi participate in allergic sensitization and development of asthma; determine the effectiveness of pharmacotherapy and biologic therapy for fungal asthma; and assess the useful approaches for patients with chronic rhinosinusitis where fungi contribute to disease activity.

## S8 Aspirin Sensitivity Syndromes 1 2 3

Michael E. Manning, MD, FAAAAI and  
Michael R. Nelson, MD, PhD, FAAAAI

This session will explore what types of reactions are consistent with cross-reacting aspirin/NSAID reactions and discuss the underlying pathology that leads to this class effect; define the patient population that should be considered for aspirin desensitization and outline the appropriate outpatient desensitization protocol and how to initiate this protocol in the office.

## S9 Making Sense of Food Desensitization: Opposing Views 1 2 3

Kari C. Nadeau, MD, PhD and  
Richard L. Wasserman, MD, PhD, FAAAAI

This session will cover food allergy and possible mechanisms of how it is caused and how it is treated; genetic, immunological, and protein-based studies related to human mechanisms of food allergy-related diseases; and will outline the seven-year experience in more than 300 patients, of providing oral immunotherapy for food allergy in a private practice setting.

# Meet the Professor Breakfasts

Sunday, November 8

## S10 Allergic Component Testing

1 2 3

David M. Fleischer, MD and  
Anna H. Nowak-Wegrzyn, MD, FAAAAI

This session will review studies using component testing for food allergic patients and review the current clinical use of component testing in the clinical and research settings; along with a discussion of the current platforms for component testing, the clinical indications and limitations, and some cases will be used to illustrate the utility of component testing.

### Learning Objectives

Upon completion of this session, participants should be able to:

- S1) Diagnose, manage and follow patients with eosinophilic gastrointestinal diseases
- S2) Describe the pathophysiology of difficult rhinitis and resistant sinus disease, and summarize novel state-of-the-art treatment of recalcitrant chronic rhinosinusitis
- S3) Describe therapeutic options for antihistamine-resistant chronic urticaria, including the use of omalizumab in the treatment paradigm and describe pathogenesis of chronic urticaria
- S4) Recognize the clinical characteristics of mast cell activation syndrome
- S5) Individualize immune globulin replacement to the clinical needs and preferences of the immunodeficient patient; and utilize antimicrobial prophylaxis appropriately with the immunodeficient patient
- S6) Describe severe asthma in the context of the ATS/ERS task force construct; recognize the significance of emerging biotherapeutics in the treatment algorithms surrounding severe asthma; and define the relevance of fungal infection in the lungs and the management of fungal infection in severe asthma
- S7) Identify the fungi that are risk factors for sensitization and severity of asthma; explore responses to pharmacotherapy and biologic therapy in patients with fungal asthma; and consider when fungi contribute to pathogenesis of chronic rhinosinusitis
- S8) Differentiate between aspirin-exacerbated respiratory disease and anaphylaxis to a single NSAID; discuss that common clinical findings in aspirin exacerbate respiratory disease; and discuss the approach to the patient with suspected aspirin-exacerbated cutaneous disease including urticaria and angioedema
- S9) Review the current data in food allergy clinical studies; identify safety issues to consider and manage; counsel patients and parents regarding the options for oral immunotherapy for food allergy; and assess their own practice's suitability to offer oral immunotherapy for food allergy to their patients
- S10) Describe indications and limitation of allergen component testing in the diagnosis of food allergy



Photo courtesy of San Antonio Convention and Visitors Bureau

# Meet the Professor Breakfasts

Monday, November 9

6:30 – 7:45 am

Admission by Ticket Only • Please register online or forms available at [www.aaaai.org](http://www.aaaai.org) • Fee \$45 (FITS \$25) • Limit 30

## M1 Biofilms

1 2 3

*Daniel L. Hamilos, MD, FAAAAI*

This session will review the basic structural elements of mucosal biofilm; describe the prognostic significance of mucosal biofilm in patients with refractory chronic rhinosinusitis in terms of severity of illness and outcome following endoscopic sinus surgery; explain the potential role of innate immunity in protecting against mucosal biofilm; and discuss the limited knowledge base for treatment to eradicate established mucosal biofilm in patients with refractory chronic rhinosinusitis.

## M2 Controversies in the Wheezing Pre-Schooler: New Studies

1 2 3

*Leonard B. Bacharier, MD, FAAAAI and  
Bradley E. Chipps, MD, FAAAAI*

This session will discuss the approaches to treatment of young children with recurrent wheeze; examine the new studies that direct either regular or intermittent use of controlled therapy in this age group; and determine the events that predict persistent airway hyperactivity and symptoms.

## M3 Evaluation of Immunodeficiency

1 2 3 6

*Mark M. Ballou, MD, FAAAAI and  
I. Celine Hanson, MD, FAAAAI*

This session will allow physicians to better recognize, evaluate and formulate a treatment plan for patients diagnosed with an immune deficiency, including discussion of primary immune deficiency disorders and what testing is available for diagnosis and management, along with quality of life issues for individuals with primary immune deficiencies.

## M4 Food Allergy: Controversies in Diagnosis

1 2 3

*Matthew Greenhawt, MD, MBA, MSc, FAAAAI*

This session will identify the advantages and disadvantages of current diagnostic testing modalities available to the practitioner and describe ideal decision making criteria to evaluate a patient for oral food challenge

## M5 High EOs and/or High IgEs: How Do You Evaluate?

1 2 3

*Gailen D. Marshall, MD, PhD, FAAAAI and  
Patricia Stewart, MD*

This session will include discussion of how to systematically work up patients presenting with elevated blood eosinophils and/or IgE including pertinent positives and negatives on history, family history, physical exam and the selection and interpretation of relevant laboratory tests.

## M6 Infectious Agents and Asthma Inception: Target for Prevention

1 2

*Avraham Beigelman, MD and  
Robert F. Lemanske, MD, FAAAAI*

This session will focus on the pathway from early life infections to asthma, including the role of respiratory viruses and the airway microbiome in the inception of asthma; potential interventions which target airway infections and/or colonization, aiming for asthma prevention; and review genetic and environmental factors that contribute to asthma inception and the strategies that might be employed regarding asthma prevention.

## M7 The Science of the Asthma Action Plan and How to Fulfill Meaningful Use

1 2 3 4 5

*Chitra Dinakar, MD, FAAAAI and  
John J. Oppenheimer, MD, FAAAAI*

This session will describe how to write an asthma action plan using the yellow zone practice parameter as a reference.

## M8 Office Evaluation of Drug Allergy

1 2

*David A. Khan, MD, FAAAAI and  
Stephen A. Tilles, MD, FAAAAI*

This session will discuss diagnostic and therapeutic approaches to common drug allergies encountered in the office setting.

# Meet the Professor Breakfasts

## Monday, November 9

### **M9 Practical Aspects of Sublingual Immunotherapy: Dose/Duration/Specific Allergens/Geographic Niches/Efficacy and Safety**

*David I. Bernstein, MD, FAAAAI and  
Peter S. Creticos, MD*

This session will cover the practical aspects of selecting patients most likely to benefit from this treatment and to discuss known benefits and risks of treatment.

#### **Learning Objectives**

Upon completion of this session, participants should be able to:

- M1) Review the basic structural elements of mucosal biofilm; describe the prognostic significance of mucosal biofilm in patients with refractory chronic rhinosinusitis in terms of severity of illness and outcome following endoscopic sinus surgery; explain the potential role of innate immunity in protecting against mucosal biofilm; and discuss the limited knowledge base for treatment to eradicate established mucosal biofilm in patients with refractory chronic rhinosinusitis
- M2) Describe the role of steroid and non-steroid anti-inflammatory therapy in young wheezers
- M3) Assess using history and PE the important points in evaluating a patient with recurrent infection for an immune deficiency; perform an assessment of the T-cell and humoral or B-cell immune system in patients with recurrent infections; describe and interpret the immune response testing especially responses to pneumococcal polysaccharide vaccine immunization to evaluate a patient for antibody immune deficiency; develop a treatment strategy for the use of replacement IgG therapy in patients with abnormal antibody responses, and assess the need to refer patients with T-cell immune deficiency for BM transplantation.
- M4) Identify the advantages and disadvantages of current diagnostic testing modalities available to the practitioner and describe ideal decision making criteria to evaluate a patient for oral food challenge

1 2

### **M10 Suspected Reactions to Implanted Medical Devices (Utility of Lab Test)**

*James S. Taylor, MD*

1 2 6

This session will discuss the challenging diagnostic and management issues in evaluating patients with putative allergy to implants and devices.

- M5) Determine the differential diagnosis and appropriate clinical and laboratory workup for a patient presenting with elevated eosinophils and/or high serum IgE
- M6) Describe the relationship(s) of genetic and environmental factors that contribute to the development of asthma inception in children and explain the role of respiratory viruses in asthma inception; the role of the respiratory microbiome in asthma inception; and potential interventions to affect the progression from early life infections to asthma
- M7) Describe how to write an asthma action plan using the yellow zone practice parameter as a reference
- M8) Develop a systematic approach to evaluating patients with multiple antibiotic allergies and to develop a rational approach to the use of skin tests, drug challenges and induction of drug tolerance procedures
- M9) Identify which patients in the allergist's practice are good candidates for FDA-approved sublingual immunotherapy; and review efficacy and safety of currently available sublingual tablet products and those currently in development
- M10) Evaluate clinical criteria to diagnose cutaneous and extra-cutaneous reactions to medical implants and devices and discuss indications for patch and in-vitro testing and which allergens to test



Photo courtesy of San Antonio Convention and Visitors Bureau

# Workshops

Friday, November 6 • 4:00 – 6:00 pm

## W1 Insect Allergy Update 1 2 3 5

Fee: \$70 (FITs \$35). Limit 50.  
*Theodore M. Freeman, MD, FAAAAI and  
David F. Graft, MD, FAAAAI*

This workshop will review the most recent Practice Parameters, update the parameters with recently published material, cover the diagnosis and treatment of insect sting allergy and emphasize any new information available.

## W2 Difficult to Control Rhinosinusitis: 1 2

**What the Experts Do**  
Fee: \$70 (FITs \$35). Limit 50.  
*Anju T. Peters, MD and  
Sheldon L. Spector, MD, FAAAAI*

This workshop will discuss treatment options for rhinosinusitis.

## W3 Drug Allergy: Options Beyond Avoidance – 1 2

**Where the Allergist Matters**  
Fee: \$70 (FITs \$35). Limit 50.  
*Aleena Banerji, MD and  
Roland Solensky, MD*

This workshop will include discussion of approaches to diagnosis and management of patients with history of allergy to antibiotics, aspirin and NSAIDs, including history taking, skin testing, drug challenges and desensitization.

## W4 Technology (Tablets/Gadgets and Apps): 1 2 4 5

**An Integral Part of Patient Care**  
Fee: \$70 (FITs \$35). Limit 50.  
*Nabeel Farooqui, MD and  
Tao T. Le, MD, MHS, FAAAAI*

This workshop will cover the use of various technologies in clinical care, including mobile and web applications and technologies for clinical practice.

## W5 Food Challenges in Practice 1 2 3 4 5

Fee: \$70 (FITs \$35). Limit 50.  
*Sami L. Bahna, MD, DrPH, FAAAAI and  
Anna H. Nowak-Wegrzyn, MD, FAAAAI*

This workshop will cover the methods of food challenge tests and the advantages and limitations of each, along with discussion of the preparation, administration and interpretation of the oral food challenge results and specific issues in infants and adults.

## W6 Patch Testing – Hands-On: 1 2 3 4

**Who, What and How to Advise**  
Fee: \$100 (FITs \$50). Limit 50.  
*David I. Bernstein, MD, FAAAAI and  
Luz S. Fonacier, MD, FAAAAI*

This workshop will cover clinical evaluation of patients suspected of allergic contact dermatitis and diagnostic patch testing, hands-on patch testing, indications, applications, interpretation of patch tests and how to advise patients.

### Learning Objectives

- Upon completion of this session, participants should be able to:
- W1) Recognize the most common insects that cause reaction in humans as well as the reactions these insects cause and develop an evaluation and treatment plan as well as evaluate how to work with local emergency departments for aftercare of patients seen
  - W2) Describe newer techniques for the diagnosis and management of rhinosinusitis in the clinical setting and discuss complementary methods for the treatment of rhinosinusitis as well as novel therapeutics which have been shown to be safe and effective for treatment of this common condition
  - W3) Discuss diagnostic tests and options for patients with reported hypersensitivity to antibiotics, including beta-Lactam and sulfonamides as well as aspirin and NSAIDs and discuss diagnostic tests and options of treatment for patients with reported hypersensitivity to chemotherapeutic agents, vaccines and other biologicals
  - W4) Increase their utilization of new forms of technology and recognize the important aspects of mobile health applications and social media
  - W5) Describe how to perform an oral food challenge and review indications for an oral food challenge and reasons for deferment
  - W6) Discuss when and how to do in-office patch testing and interpret the results of the patch test

Saturday, November 7 • 3:30 – 5:30 pm

## W7 2015 Coding, Billing and 1 2 3 4 5 6

**Regulations: Part 1 of 2**  
Fee: \$70 (FITs \$35). Limit 50.  
*Gary N. Gross, MD, FAAAAI and  
J. Allen Meadows, MD, FAAAAI*

The Advocacy Council team will update progress on the transition to ICD-10 and answer questions. This workshop will cover coding and reimbursement issues and how to address them within your office and provide a description of allergy-specific codes as well as general coding requirements.

# Workshops

**Saturday, November 7 • 3:30 – 5:30 pm (continued)**

## **W8 Severe Asthma**

**MOC/CME 1 2**

Fee: \$70 (FITs \$35). Limit 100.  
*Leonard B. Bacharier, MD, FAAAAI and  
Reynold A. Panettieri, Jr., MD*

This workshop will discuss the evaluation process and approach to management of difficult to control asthma in children.

## **W9 Food Allergies: What's New in Prevention and Treatment**

**MOC/CME 1 2 3**

Fee: \$70 (FITs \$35). Limit 50.  
*J. Andrew Bird, MD, FAAAAI and  
Julie Wang, MD, FAAAAI*

This workshop will cover information related to correct application of food allergy testing modalities and managing patients with multiple food allergies, and discuss the appropriate selection of diagnostic tests for food allergies as well as the natural history of food allergy and how it impacts management.

## **W10 Laboratory Evaluation of the Immune System**

**1 2 6**

Fee: \$70 (FITs \$35). Limit 50.  
*Rohit K. Katial, MD, FAAAAI and  
Maureen M. Petersen, MD, FAAAAI*

This workshop will provide an interpretation and discussion of vaccine response in the setting of primary immune deficiency.

## **W11 Atopic Dermatitis In-Depth**

**1 2 3 4**

Fee: \$70 (FITs \$35). Limit 50.  
*Mark Boguniewicz, MD, FAAAAI and  
Peter A. Lio, MD*

This workshop will discuss evidence-based approach to evaluation and management of patients with atopic dermatitis, use of systemic agents in AD including phototherapy and creation and use of an Eczema Action Plan.

## **W12 Introductory Course in Rhinology**

**1 2 3 4 5 6**

Fee: \$70 (FITs \$35). Limit 50.  
*Seong H. Cho, MD and  
Jerald W. Koepke, MD, FAAAAI*

This workshop will provide attendees with the ability to discuss the surgical anatomy of the upper airway, including the nasal cavity, pharynx, and larynx; identify normal and abnormal anatomy, as well as disease presentations and post-operative changes found with endoscopic examination of the upper airway; and identify the indications for, and the use of, the fiberoptic rhinoscope in the allergist's office.

## **W13 Allergies in Infants and Very Young Children (Asthma, Cough, Urticaria and Eczema in Children <5 Years)**

**1 2 3 4 5 6**

Fee: \$70 (FITs \$35). Limit 50.  
*Chitra Dinakar, MD, FAAAAI and  
Todd A. Mahr, MD, FAAAAI*

This workshop will discuss new and current recommendations for diagnosis and management of childhood asthma, review new and current recommendations for management of asthma and wheezing illnesses in infants and young children, review new and current recommendations for the management of atopic dermatitis in infants and young children and review urticaria and allergic rhinitis in this age group.

## **W14 Delayed Hypersensitivity Drug Reactions: Dilemmas in Diagnosis and Treatment**

**1 2**

Fee: \$70 (FITs \$35). Limit 50.  
*Mariana C. Castells, MD, PhD, FAAAAI and  
David A. Khan, MD, FAAAAI*

This workshop will include discussion of the management of delayed hypersensitivity drug reactions.

### **Learning Objectives**

Upon completion of this session, participants should be able to:

- W7) Discuss allergy and immunology related codes, including new ICD-10 codes, and issues related to CPT code 95165, Stinging Insect and Medication allergy testing codes; discuss current and EHR government regulations including Medicare, Medicaid, fraud and abuse issues; and discuss USP Chapter 797 Compounding Sterile Preparations issues, meaningful use and PQRS, and RAC audits
- W8) Describe how severe asthmatics are uniquely different and review the evaluation/assessment of these patients, comparing pediatric and adult and develop a treatment plan for patients with severe asthma
- W9) Diagnose the correct type of food allergy based on symptoms and utilize diagnostic modalities, including the most recent IgE tests and apply knowledge of the natural history of food allergy to the management of patients and advise patients regarding the utilization of food allergen labeling
- W10) Properly identify patients who require a thorough immunological evaluation and describe appropriate testing and interpretation and where to access more sophisticated testing
- W11) Identify common and uncommon causes of severe eczema and describe the rationale for an extended therapeutic ladder for patients refractory to standard treatments with special emphasis on compliance
- W12) Discuss the surgical anatomy of the upper airway and identify normal and abnormal anatomy, as well as disease presentations and postoperative changes found with endoscopic examination and identify the indications for and the use of the fiber optic rhinoscope
- W13) Discuss new and current recommendations for diagnosis and management of childhood asthma and apply new and current diagnostic and therapeutic options in respiratory allergies and other conditions in pediatric patients

# Workshops

## Saturday, November 7 • 3:30 – 5:30 pm (continued)

- W14) Discuss the evaluation of non-IgE mediated reactions to antibiotics and NSAIDs, including use of drug patch, delayed intradermal testing and skin biopsy, for reactions including DRESS, AGEP and fixed drug eruptions; and discuss the evaluation of non-IgE mediated reactions to biologics, chemotherapeutics, possibly progesterone dermatitis using drug patch, delayed intradermal and skin biopsy

## Sunday, November 8 • 6:30 – 8:30 am

### W15 Hands-On Session in Rhinology

1 2 3 4 5 6

Fee: \$100 (FITs \$50). Limit 30.  
*Jerald W. Koepke, MD, FAAAAI;*  
*Seong H. Cho, MD;*  
*Kevin R. Murphy, MD, FAAAAI (SC);*  
*Grant C. Olson, MD, FAAAAI;*  
*Donald W. Pulver, MD, FAAAAI and*  
*C. Ross Westley, MD, FAAAAI*

This workshop will provide attendees with the ability to: describe the major anatomical structures of the nasal, pharyngeal and glottic areas as visualized during examination with the fiber-optic rhinology; describe variations of normal seen when participants examine one another in this hands-on session; and demonstrate the proper handling and initial skills needed to perform a comprehensive upper airway examination with a fiberoptic endoscope.

## Sunday, November 8 • 4:00 – 6:00 pm

### W16 Proper Use of Immunoglobulin Replacement Therapy

1

Fee: \$70 (FITs \$35). Limit 50.  
*Jordan S. Orange, MD, PhD, FAAAAI and*  
*Richard L. Wasserman, MD, PhD, FAAAAI*

This presentation will cover the proper use of immunoglobulin in primary immunodeficiency.

### W17 Many Faces of Dyspnea in the Athlete: VCD or Asthma?

1 2

Fee: \$70 (FITs \$35). Limit 50.  
*Charles J. Siegel, MD, FAAAAI;*  
*Stephen A. Tilles, MD, FAAAAI; and Guest Coach*

This workshop will include a case of dyspnea in the athlete and discuss this in a problem-based learning format with attendees.

### W18 2015 Coding, Billing and Regulations: Part 2 of 2

1 3 5 6

Fee: \$70 (FITs \$35). Limit 50.  
*Gary N. Gross, MD, FAAAAI and*  
*J. Allen Meadows, MD, FAAAAI*

The Advocacy Council team will update progress on the transition to ICD-10 and answer questions. This presentation will describe legal/regulatory issues as they relate to allergy/immunology and requirements for correct coding for reimbursement and documentation for ICD-10.

### W19 Living With an Itch:

MOC/CME 1 2 3 4 6

#### A Practical Approach to Diagnosis and Treatment

Fee: \$70 (FITs \$35). Limit 50.  
*Luz S. Fonacier, MD, FAAAAI and*  
*Peter A. Lio, MD*

This presentation will include discussion of the causes of pruritus with and without a rash and systemic diseases that need to be considered; and the use of systemic agents, phototherapy, "alternative" and "natural" medications in itch.

### W20 Are You Ready for SCID Newborn Screening?

1 2 3 6

Fee: \$70 (FITs \$35). Limit 50.  
*Lisa Kobrynski, MD, MPH, FAAAAI and*  
*John M. Routes, MD, FAAAAI*

This workshop will cover the necessary steps for implementing newborn screening for SCID within a state and the role of the A/I practitioner in this screening program and review some of the resources available to states implementing this screening test; the scientific basis of the TREC assay and the evaluation of infants with abnormal TREC assays.

### W21 Approach to Eosinophilic Esophagitis and Other Swallowing Disorders

MOC/CME 1 2 3

Fee: \$70 (FITs \$35). Limit 50.  
*Mirna Chegade, MD and*  
*Jonathan M. Spergel, MD, PhD, FAAAAI*

This workshop will discuss the differential diagnosis of eosinophilic esophagitis (EoE) and the spectrum of symptom presentation across various age groups; the diagnostic options and various currently used therapies for EoE, along with the diagnosis of EoE and other potential swallowing disorders, and review the differential diagnosis of swallowing disorders.

# Workshops

## **Sunday, November 8 • 4:00 – 6:00 pm (continued)**

### **W22 Skin and Lungs After 65** 1 2 3 4 5 6

Fee: \$70 (FITs \$35). Limit 50.  
*Pinkus Goldberg, MD, FACAAI and  
Raymond S. Slavin, MD, FACAAI*

This workshop will evaluate the aging process and its clinical effects on the lung and skin; diagnostic and therapeutic options unique to this age group will be discussed, along with the importance of asthma in the elderly, with special attention paid to diagnosis and treatment of asthma in the elderly.

### **W23 Diagnostic Testing for Food Allergy: Is Component Testing Ready for Prime Time?** 1 2 3 6

Fee: \$70 (FITs \$35). Limit 50.  
*Jay M. Portnoy, MD, FACAAI and  
P. Brock Williams, PhD, FACAAI (SC)*

This workshop will include discussion of the current evidence related to the use of diagnostic tests for food and aero-allergen sensitivity, emphasizing the strategies used for clinical decision-making.

### **W24 Nuts and Bolts on Rush and Cluster Immunotherapy** 1 2 3 4 5 6

Fee: \$70 (FITs \$35). Limit 50.  
*David B. Engler, MD, FACAAI and  
Michael S. Tankersley, MD, FACAAI*

Immunotherapy (IT) is highly effective in certain allergic ailments, but many patients have difficulty building up to the high, effective doses necessary to achieve relief; rush and cluster IT allows for accelerated forms of building up the dose, making IT a good option in many patients who would otherwise not be candidates. This workshop will include discussion of the efficacy, procedures, coding, safety, risk factors and outcome for both cluster and rush subcutaneous immunotherapy.

### **W25 AACA All About Vaccines: Diagnosis, Management and Adverse Events** 1 2 3

Fee: \$70 (FITs \$35). Limit 50.  
*Mark M. Ballow, MD, FACAAI;  
Joseph A. Bellanti, MD, FACAAI and  
John M. Kelso, MD, FACAAI*

This workshop will include discussion of current recommendations for vaccines and adverse reactions to vaccines. It will also include discussion of how the unprecedented dimensions of the 2014 Ebola epidemic which ravaged three West African countries have challenged public health response capacity and urged the availability of safe and effective vaccines.

### **W26 Problem-Based Learning:** 1 2 3 4 5

#### **An Interactive Case Discussion of a Child With Recurrent Infections**

Fee: \$70 (FITs \$35). Limit 25.  
*Ray S. Davis, MD, FACAAI and  
Michael R. Nelson, MD, PhD, FACAAI*

An interactive case-based discussion (PBL) will be presented to the audience for their opinions of how to evaluate, diagnose and treat a patient with recurrent respiratory infections, followed by an expert didactic presentation on the Practice Parameters on this subject matter.

#### **Learning Objectives**

Upon completion of this session, participants should be able to:

- W15) Describe the major anatomical structures of the nasal, pharyngeal and glottic areas as visualized during examination with the fiber-optic rhinolaryngoscope; describe variations of normal seen in this hands-on session and demonstrate the proper handling and initial skills needed to perform a comprehensive upper airway examination with a fiberoptic endoscope
- W16) Discuss the various indications for use of immunoglobulin replacement and review types of immunoglobulin preparations available for use as well as the advantages and disadvantages of each
- W17) Distinguish among the various types of exercise-induced respiratory disorders and discuss the appropriate use of diagnostic tests, including spirometry and laryngoscopy in evaluation of exercise-induced respiratory disorders
- W18) Discuss actual problems related to coding, billing and government regulations as contributed by practicing allergists; and discuss related issues that may include, ICD-10 Codes/ Meaningful Use and PQRS, Medicare/Billing CPT code 95165/ USP 797
- W19) Discuss the causes of pruritus, with (including atopic dermatitis) or without a rash and the workup to seek underlying diseases; and recognize that pruritus has numerous pathways and available therapies to address itch in patients with both idiopathic pruritus and pruritus secondary to another disease
- W20) Recognize the important steps for implementing statewide SCID newborn screening; and discuss the basis of TREC screening, including the conditions identified by this test, and the proper next steps to be taken after an abnormal newborn screening test
- W21) Discuss the pathophysiology and differential diagnosis of eosinophilic esophagitis (EoE) and other similar swallowing disorders; and discuss the diagnostic options and evolving treatment for EoE
- W22) Effectively diagnose and manage asthma in the elderly, identify co-morbidities, allergy and psychosocial factors affecting the disease; and discuss changes that occur with age in the skin and diseases that are more prevalent or unique to the elderly, and evaluate and treat these allergic skin diseases
- W23) Select appropriate components to measure in patients with suspected food allergy focusing on peanut; and recommend appropriate treatment based on the results of the component tests

# Workshops

## Sunday, November 8 • 4:00 – 6:00 pm (continued)

- W24) Discuss efficiency, procedures, coding, safety, risks and outcomes related to Rush Immunotherapy; and discuss efficiency, procedures, coding, safety, risks and outcomes of Cluster Immunotherapy
- W25) Discuss current recommendations for vaccines (pneumococcal, influenza, small pox, meningococcal, tetanus), and their use for diagnosis and management in immune compromised, both primary and secondary immunodeficiency, and immune competent patients; discuss facts and fiction (autism) of adverse reactions to vaccines and current recommendations for patients reporting allergy to egg, gelatin, etc. Also emphasized will be the contraindications for vaccines in select patients and how to address barriers frequently encountered during patient/caregiver communication regarding safety, efficacy, and possible misinformation; and summarize current information regarding the Ebola vaccine, including an update on clinical trials in Guinea, Liberia and Sierra Leone.
- W26) Properly identify patients who may be immunodeficient, including old and new forms, and require a thorough immunological evaluation; and proficiently manage immunodeficient patients and determine when to refer them to tertiary care centers

## Monday, November 9 • 1:00 – 3:00 pm

### W27 Alcohol and Additive Allergies 1 2 3

Fee: \$70 (FITs \$35). Limit 50.

*Karla Adams, MD and*

*Hannelore A. Brucker, MD, FAAAAI (SC)*

This workshop will review food additive hyper-sensitivity reactions and histamine intolerance signs and symptoms, including discussion of the evaluation and management of these conditions, and different mechanisms of reactions to alcoholic beverages including genetic variations of enzymes that degrade alcohol. The workshop should help to sharpen the diagnostic skills to analyze allergic-type reactions to alcohol.

### W28 Enhancing the Survival of Allergists: Facing Current Challenges Including Changing Markets and ACO 1 2 3

Fee: \$70 (FITs \$35). Limit 50.

*Stanley M. Fineman, MD, MBA, FAAAAI and*

*Michael B. Foggs, MD, FAAAAI*

This workshop will define ACOs, Medicare Shared Savings Programs, Patient-Centered Medical Home and Integrated Health Care Networks and help the attendee recognize ongoing funding formulas for health care and the need for integration and participation with other practitioners, health care systems, allied health groups and community health centers to deliver coordinated care.

### W29 Immunotherapy In 2015: 1 2

#### The Nuts and Bolts of SCIT and SLIT

Fee: \$70 (FITs \$35). Limit 50.

*Bryan L. Martin, DO, FAAAAI and*

*John J. Oppenheimer, MD, FAAAAI*

This workshop will cover the differences in therapeutic extracts and prescribing practices.

### W30 Fat Lips and Swollen Throats: 1 2 3

#### What Are the Facts?

Fee: \$70 (FITs \$35). Limit 50.

*William R. Lumry, MD, FAAAAI and*

*Richard W. Weber, MD, FAAAAI*

This workshop will review the evaluation and treatment of angioedema with focus on emerging therapies for bradykinin mediated swelling disorders.

### W31 Penicillin (Beta-Lactam) Toolkit 1 2

Fee: \$70 (FITs \$35). Limit 50.

*Howard C. Crisp, MD and*

*Dana V. Wallace, MD, FAAAAI*

This workshop will review the beta-lactam allergy toolkit and discuss how an allergist can present to the primary care audience the principles of drug allergy and the benefits of an allergy referral. It will provide attendees with information on how to customize their individual office protocol for beta-lactam testing and oral challenge including testing sheets and consent forms.

### W32 Systemic Effects of Inhaled, Intranasal and Topical Corticosteroids 1 2 3

Fee: \$70 (FITs \$35). Limit 50.

*Craig A. Alter, MD and*

*David P. Skoner, MD, FAAAAI*

This workshop will review adverse effects of steroids on children and specifically the effects of inhaled steroids

# Workshops

**Monday, November 9 • 1:00 – 3:30 pm (continued)**

**W33 Unanswerable Questions:** MOC/CME 1 2 3 4 5 6

**Conundrums in Anaphylaxis**

Fee: \$70 (FITs \$35). Limit 50.

*Paul A. Greenberger, MD, FAAAAI and  
Phillip L. Lieberman, MD, FAAAAI*

This workshop will explore some unanswered questions about causes of anaphylaxis and “next steps” in diagnosis and treatment; consider the differences between idiopathic anaphylaxis and mast cell activation syndromes and for whom bone marrow examinations should be performed; and organize a reassessment when the patient keeps experiencing episodes of anaphylaxis despite your best advice. In addition, there will be discussion of the proper circumstances to administer epinephrine during an anaphylactic event and the proper circumstances to prescribe epinephrine to a patient at risk of an event.

### Learning Objectives

Upon completion of this session, participants should be able to:

- W27) Discuss the presenting clinical syndromes associated with alcohol sensitivity reactions, evaluation and management; and discuss the presenting symptoms associated with food additive allergy and histamine intolerance, evaluation and management
- W28) Define ACOs, Medicare Shared Savings Programs, Patient Centered Medical Home, and Integrated Health care Networks, as well as recognize ongoing funding formulas for health care, such as sustainable growth rate, pay for performance, etc.; recognize the need for integration and participation with other practitioners, health care systems, allied health groups, community health centers to deliver coordinated care; and discuss market challenges facing the practicing allergist and outline strategies to enhance patient flow.
- W29) Explain the differences between subcutaneous, sublingual and other forms of allergy immunotherapy for the purpose of therapeutic extracts related to patient care, including health care outcomes research which involves benefits related to the application of immunotherapy; and write prescriptions for immunotherapy which contain safe and effective doses of each component according to current guidelines and best clinical practice for the benefit of patient care
- W30) Discuss the workup and treatment approaches to patients with types 1 and 2 hereditary angioedema (HAE); and discuss the pathophysiology, workup and treatment of histamine-mediated urticaria/angioedema and distinguishing features from type 3 HAE

**W34 Navigating the Vapors**

1 2 3 4 5

Fee: \$70 (FITs \$35). Limit 50.

*Maeve E. O'Connor, MD, FAAAAI and  
William S. Silvers, MD, FAAAAI*

This workshop will include discussion of the prevalence, toxicity and effects of e-cigarettes and its impact especially to our adolescents and compare mechanisms of e-cigarettes versus traditional cigarettes regarding airway/inflammatory and allergic responses. In addition, it will provide an update on the Colorado experience of Medical and Recreational Marijuana and a description of patient presentations with allergic reactions to marijuana.

- W31) Customize the beta-lactam physician and nursing protocol for beta-lactam testing and oral challenge as well as testing sheets and consent forms for their individual office; present to a primary care audience the principles of drug allergy and why allergy referrals are appropriate; and customize their patient and primary care office education materials to market the allergist as the expert for beta-lactam testing as well as discuss the reasons that primary care providers, patients, and third-party payors should suggest and approve beta-lactam testing for carefully selected patients; present to a primary care audience the principles of allergy testing and oral challenge for patients suspected to have beta-lactam allergy
- W32) Discuss the potential adverse effects of commonly used topical corticosteroid medications on several organ systems, including possible effects on growth; discuss diagnostic and therapeutic options based on known potential adverse events
- W33) Administer epinephrine at the appropriate time to patients with various manifestations of anaphylaxis; and recognize that anaphylaxis may begin with mild symptoms and rapidly progress to cardiovascular and/or respiratory collapse
- W34) Describe prevalence, toxicity and effects of e-cigarettes and its impact especially to our adolescents, as well as compare mechanisms of e-cigarettes versus traditional cigarettes regarding airway/inflammatory and allergic responses; describe prevalence, toxicity and effects of legalized marijuana and its impact on public health

# Fellows-in-Training

## Friday, November 6

- 3:30 pm **FIT Educational Program  
Welcome and Introductions**  
Andrew Nickels, MD and Sarah Spriet, DO
- 3:35 pm **Immunology for the Boards and Wards!** ① ②  
Christina E. Ciaccio, MD, FAAAAI  
This presentation will describe strategies for learning immunology and studying for the boards, and review the immune defects related to immunodeficiency.
- 4:30 pm **Using Social Media, Websites  
and the Cloud to Improve Patient  
Care and Research** ① ④  
Ves Dimov, MD  
This presentation will provide an overview and practical advice on using social media, websites and the Cloud to improve patient care and research. The attendees will be able to get insights and inspiration from the practical examples of best practice introduced during the presentation.
- 5:00 pm **Excellence in Publications:  
Tips From the Editor of the  
*Annals of Allergy*** ② ④ ⑥  
Gailen D. Marshall, MD, PhD, FAAAAI  
This presentation will provide attendees with the principles of manuscript writing and reviewing.
- 5:20 pm **Questions and Discussion**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify the basic components of the innate and adaptive immune system; identify the common presentations of recognized primary immunodeficiency syndromes and manage abnormal newborn screening; discuss the diagnostic approach to adult and pediatric patients with suspected primary
- Discuss the novel tools presented by the internet for patient education and research; identify the components of the 'cycle of patient education' and discuss how the internet plays a key role in the ongoing education of the patient; and identify best practice for submission of scholarly activity to a scientific journal and for ethics in publication
- Discuss the key components of the peer review process and how to effectively contribute to this process and effectively identify and assess scientific and clinical articles that affect patient care

## Friday, November 6

- 5:30 – 6:30 pm  
**Fellows-in-Training  
General Meeting** NOT FOR CREDIT
- 5:30 pm **Welcome and Introductions**  
Andrew Nickels, MD,  
Senior FIT Representative
- 5:35 pm **FIT Section Update**  
Sarah Spriet, DO,  
Junior FIT Representative
- Candidate Speeches and Election of  
Junior FIT Representative**
- 5:55 pm **AAAAAI Update**  
James L. Sublett, MD, FAAAAI,  
AAAAAI President
- 6:10 pm **ABAI Certification**  
Stephen I. Wasserman, MD, FAAAAI,  
The American Board of Allergy and  
Immunology

6:30 pm **FIT Welcome Reception**

## Saturday, November 7

- 12:30 pm **Doctors' Job Fair**  
(Registration Form C)  
Pre-Registration is required
- 5:00 pm **FIT Bowl Competition** NOT FOR CREDIT
- 7:00 pm **AAAAAI Awards Ceremony**
- 7:45 pm **President's Welcome Reception**

# Office Administrators Practice Management Course

Friday, November 6

NOT FOR CREDIT

Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.acaai.org](http://www.acaai.org)

This course may be taken alone or in conjunction with the Allied Health Professionals Course. Allied staff registrants that attend the Office Administrators Practice Management Course, the Advanced Practice Health Care Providers Course or the Allied Health Professionals Course are not required to pay the general Annual Scientific Meeting registration fee.

	8:00 am – 3:30 pm		
8:00 am	<b>Welcome and Introductions</b> James L. Sublett, MD, FACAAl and Kay Tyler, BS, BA, MBA		
8:15 am	<b>Advocacy Council Update</b> J. Allen Meadows, MD, FACAAl  This presentation will provide an update on the activities of the Advocacy Council with CMS, implementing ICD-10, and the Affordable Care Act.	6	
9:00 am	<b>The Changing Landscape of Payers and Payment Methodologies</b> Robert Chiffelle, MHSA  This presentation will cover payment methodologies and organizational issues associated with Accountable Care Organizations and Physician-Hospital Organizations, including reimbursement structured on capitation principles. It will discuss alternatives to traditional capitation, as well as risks and benefits to capitation payment schemes and issues associated with membership in ACOs and PHOs.	3	
9:45 am	<b>Refreshment Break</b>		
10:00 am	<b>Basic Practice Marketing Tips: Website Tips, Monitoring Social Media/ Healthgrades, Google Searches</b> David L. Patterson, MD, MBA, MS, FACAAl  This presentation will cover marketing as it pertains to allergy and clinical immunology with discussion also about the role of social media in marketing an allergy/immunology practice.	3 5	
10:45 am	<b>A Look Into the Future for the Allergist and the Practice Manager</b> James M. Tracy, DO, FACAAl  This presentation will review the past and present practice of allergy and immunology and use that information to plan ahead to provide for a vibrant future. Future trends including practice style with attention to manpower, billing, bundling and trends in reimbursement will be discussed.		3
11:30 am	<b>Lunch (on own)</b>		
1:00 pm	<b>Back to the Basics: It's All About Relationships – Retaining Patients and Retaining Employees</b> Gregory W. Bensch, MD, FACAAl  This presentation will review the importance of relating to patients and employees and successful retention strategies for both groups.		3 4 5 6
1:45 pm	<b>Here's What's Trending in Compliance Programs: PQRS, Meaningful Use, HIPAA, ICD-10</b> Gary N. Gross, MD, FACAAl and Kay Tyler, BS, BA, MBA  This presentation will discuss ICD-10 coding as it pertains to allergy and recognize new documentation and coding requirements for correct ICD-10 coding.		1 3 6
2:30 pm	<b>Refreshment Break</b>		
2:45 pm	<b>OAPMC Town Hall Discussion</b> James L. Sublett, MD, FACAAl and Kay Tyler, BS, BA, MBA		1 2 3
3:30 pm	<b>Adjourn</b>		

4:45 – 6:00 pm  
**Advanced Practice, Allied Health and Office Administrators Networking Reception**

## Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss important changes at the national level that impact practice management
- Describe changes from our traditional payment models to ones based on ACO and performance, capitation plans, or other managed care contracting models
- Summarize useful website/social media tips and various marketing tools that promote, rank, or rate a practice and providers
- Discuss future changes occurring within the allergy landscape for the doctor and the manager, including both the positives and negatives
- Explain the significance of relating to patients and employees and how to retain them both
- Summarize trends in government compliance and coding programs
- Utilize an open platform to share ideas, discuss challenges, provide resources, and help each other strengthen our organizations

# Advanced Practice Health Care Providers Course

Friday, November 6

**Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.acaai.org](http://www.acaai.org)**

This course may be taken alone or in conjunction with the Allied Health Professionals Course. Allied staff registrants that attend the Office Administrators Practice Management Course, the Advanced Practice Health Care Providers Course or the Allied Health Professionals Course are not required to pay the general Annual Scientific Meeting registration fee.

**Target Audience:** Nurse practitioners, physician assistants, allergy/immunology nurses, other health care providers with extensive experience and physicians.

**Nursing Accreditation:** Provider approved by the California Board of Registered Nursing, Provider Number 14486 for 6.9 contact hours.

8:00 am – 9:45 am

## General Session

Moderator: Charlotte M. Jacobsen, MSN, RN

- 8:00 am **Welcome and Introductions**  
Deidra H. Sanders, MSN, APRN, FNP-BC
- 8:05 am **Advances in Food Allergy Part 1** 1  
Jodi A. Shroba, MSN, APRN, CPNP  
This presentation will discuss component testing for food allergies, including when to use and how to interpret the results. There will also be discussion of new food allergy treatments in practice, specifically the LEAP study, and early introduction of foods into the diet.
- 8:55 am **Advances in Food Allergy Part 2** 1 2  
J. Andrew Bird, MD, FACAAI  
This presentation will update the audience regarding advances in research of treatment for food allergies.
- 9:45 am **Refreshment Break**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Identify when component testing can be useful in the diagnosis and management of food allergies
  - Explain the relevance of food allergy treatments currently being studied and their utility in clinical practice

10:00 am – 12:30 pm

## General Session

Moderator: Deidra H. Sanders, MSN, APRN, FNP-BC

- 10:00 am **Mix It Up! Options in Immunotherapy** 1 2 3 5  
Michael R. Nelson, MD, PhD, FACAAI  
This presentation will describe the “how to” in written immunotherapy orders; include standard build, modified cluster and rush protocols with current data; and the pros and cons of SLIT and SCIT in practical use.
- 10:50 am **Precision Asthma Care: Phenotypes and Biologic Medications** 1 2 3  
Bradley E. Chippis, MD, FACAAI  
This presentation will examine the appropriate workup and treatment for asthmatics who fail Step 4 therapy.
- 11:40 am **Chronic Rhinosinusitis: What Does Evidence-Based Practice Tell Us?** 1 2 3  
Eli O. Meltzer, MD, FACAAI  
This presentation will review available evidence on occupational and environmental risk factors for chronic rhinosinusitis and discuss medical and surgical evidence-based management of CRS.
- 12:20 pm **Questions and Discussion**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Describe the “how to” in written immunotherapy orders, from dosing strength of individual allergens to protocol options for frequency of administration; includes standard build, modified, cluster and rush protocols with current data to support efficacy and risk of systemics; and briefly discuss pros and cons of SLIT vs SCIT in practical use
  - Present most current research on endotyping and heterogeneity of asthma; and discuss the future of asthma medications with advances in immune modulating options
  - Review available evidence on occupational and environmental risk factors for chronic rhinosinusitis (CRS); and discuss evidence-based management of CRS, including both medical and surgical

# Advanced Practice Health Care Providers Course

Friday, November 6

## Interactive Concurrent Workshops

1:30 – 3:00 pm

### AP1 Surviving and Thriving in an Advanced Practice Role

4 5

Noreen H. Nicol, PhD, RN, FNP, NEA-BC

This presentation will cover key leadership and professional advance practice roles which can add value to every specialty practice, their local community, and their patients.

### AP2 PBL: Mimickers of Allergic Disease

1 2 3 4

B. Gwen Carlton, DNP, APRN, FNP-BC

This will be an interactive session on disease processes and conditions which mimic allergic conditions. The patient's history, physical exam, diagnostics, and treatment plans will be presented in a case based format.

### AP3 Sleep Medicine: More Than a Good Night's Sleep

1 2

Robert J. Karman, MD and  
Deidra H. Sanders, MSN, APRN, FNP-BC

This presentation will discuss current research on sleep disordered breathing in children and implications for further assessment and intervention. Discussion of physical exam, coupled with patient history, will lend itself to a discussion of potential for sleep disordered breathing and its need for referral.

3:00 pm Refreshment Break

### Learning Objectives

Upon completion of this session, participants should be able to:

- AP1/AP4 – Describe the pros and cons of contractual relationships with their employers and how to optimize their influence in improving patients' health outcomes; and discuss ways advanced practitioners can enhance their value to their employing organizations
- AP2/AP5 – Review history and physical exam of patients with upper and/or lower respiratory complaints to determine what diagnostics should be ordered, the differential and working diagnosis for the patient, and a treatment plan
- AP3/AP6 – Discuss the spectrum of sleep disordered breathing (SDB) to include obstructive sleep apnea, chronic cough and snoring; identify morbidities associated with SDB and describe the assessment tools and recommendations for referral to evaluate and manage SDB

3:15 – 4:45 pm

### AP4 Surviving and Thriving in an Advanced Practice Role

4 5

Noreen H. Nicol, PhD, RN, FNP, NEA-BC

This presentation will cover key leadership and professional advance practice roles which can add value to every specialty practice, their local community, and their patients.

### AP5 PBL: Mimickers of Allergic Disease

1 2 3 4

B. Gwen Carlton, DNP, APRN, FNP-BC

This will be an interactive session on disease processes and conditions which mimic allergic conditions. The patient's history, physical exam, diagnostics, and treatment plans will be presented in a case based format.

### AP6 Sleep Medicine: More Than a Good Night's Sleep

1 2

Robert J. Karman, MD and  
Deidra H. Sanders, MSN, APRN, FNP-BC

This presentation will discuss current research on sleep disordered breathing in children and implications for further assessment and intervention. Discussion of physical exam, coupled with patient history, will lend itself to a discussion of potential for sleep disordered breathing and its need for referral.

4:45 pm Adjourn

4:45 – 6:00 pm

Advanced Practice, Allied Health and Office Administrators Networking Reception

# Allied Health Professionals Course

Saturday, November 7

Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.acaai.org](http://www.acaai.org)

*This course may be taken alone or in conjunction with the Office Administrators Practice Management Course or the Advanced Practice Health Care Providers Course. Allied staff registrants that attend the Office Administrators Practice Management Course, the Advanced Practice Health Care Providers Course or the Allied Health Professionals Course are not required to pay the general Annual Scientific Meeting registration fee."*

Target Audience: Health professionals including, but not limited to, RNs, LPNs, MAs, PAs, NPs, MDs/DOs.

Nursing Accreditation: Provider approved by the California Board of Registered Nursing, Provider Number 14486 for 10.8 contact hours.

8:00 – 9:55 am

## General Session

Moderator: Kimberly G. Clay, MN, APRN, FNP-BC

- 8:00 am **Welcome and Introductions**  
Deidra H. Sanders, MSN, APRN, FNP-BC and David A. Khan, MD, FAAAAI
- 8:05 am **Losing Control: Yellow Zone Management Practice Parameter** 1 2 3 4 5  
Chitra Dinakar, MD, FAAAAI  
This presentation will describe the criteria of loss of asthma control and review the evidence-based practice parameter for managing asthma in the Yellow Zone.
- 9:00 am **The Severe Asthmatic: From Bad Disease to Bad Behavior** 1 2 4  
Maureen M. George, PhD, RN, AE-C and David F. Skoner, MD, FAAAAI  
This presentation will explore common barriers to self-management that contribute to severe asthma.

### Learning Objectives

Upon completion of this session, participants should be able to:

- Analyze the complexity of loss of asthma control and review the evidence-based practice parameter for managing asthma in the Yellow Zone
- Analyze the complexity of loss of asthma control and review the evidence-based practice parameter for managing asthma in the Yellow Zone

9:55 am **Refreshment Break**

10:10 am – noon

## General Session

Moderator: B. Gwen Carlton, DNP, APRN, FNP-BC

- 10:10 am **Managing Itchy/Rashy Skin** 1 2  
John C. Browning, MD, MBA  
This presentation will discuss understanding and managing the dermatologic manifestations of atopic dermatitis and other rashes.
- 11:05 am **Literature Review: Things You Should Have Read** 1 2 3 4  
Panel:  
Cheryl K. Bernstein, BSN, RN, CCRC  
Maureen George, PhD, RN, AE-C  
Charlotte M. Jacobsen, MSN, RN  
This presentation will review year-end research articles from 2014 which apply to the evidence-based practice knowledge of Allied Health Professionals in a variety of patient subgroups; discuss important publications of relevance to AH; and review 2014 research study articles focused on the pediatric allergy/asthma patient population.
- 11:50 am **Questions and Discussion**
- Noon **Adjourn**
- Learning Objectives**  
Upon completion of this session, participants should be able to:
- Discuss the differential diagnoses of rash and itchy skin conditions to include eczema, contact dermatitis and non-immunological rashes; and present highlights of practice parameters on contact dermatitis, patch testing and most common sensitizing agents in everyday products used by consumers
  - Summarize selected research articles that apply to the evidence-based practice of allied health professionals in a variety of patient subgroups
- Noon **Lunch (on own)**

# Allied Health Professionals Course

Saturday, November 7

## Interactive Concurrent Workshops

1:30 – 3:00 pm

### SA1 Can Adherence to Treatment be Improved? ① ④ ⑤

Christine W. Wagner, MSN, RN, CPNP, AE-C

This workshop will discuss the challenge of getting patients to actually follow the plan of care. There are many factors that contribute to non-adherence and many different options to help patients become more adherent.

### SA2 Improving Clinical Staff ① ② ③ ④ ⑤ ⑥

**Competency: Training Options**

Cheryl Blackwell, BSN, RN, AE-C

This presentation will cover skills/knowledge required by nursing staff to achieve competency in an allergy and asthma practice. Training options will also be discussed, as well as measurable evaluations that can be utilized to evaluate progress during training.

### SA3 A Practical Guide to Interpreting Pulmonary Function Testing and eNO ① ② ③

Joseph C. Turbyville, MD, FACAAI

This presentation will provide a practical approach to using spirometry and FENO in clinical practice.

### SA4 Office Emergencies: Managing Acute Asthma and Anaphylaxis ① ② ③ ④ ⑤ ⑥

Kimberly G. Clay, MN, APRN, FNP-BC and  
Mary Lou Hayden, MS, FNP-BC, AE-C

This presentation will describe how to recognize signs of anaphylaxis in the office setting and appropriately treat patients with this condition. Providers need to quickly recognize and initiate treatment of an acute exacerbation and this presentation will examine the presenting signs and symptoms.

3:00 pm **Refreshment Break**

### Learning Objectives

Upon completion of this session, participants should be able to:

- SA1/SA5 - Identify barriers to adherence and list possible solutions to non-adherence
- SA2/SA6 - Identify particular strengths and weaknesses of their nursing staff, and designate the appropriate skills/knowledge required to achieve competency in an allergy/asthma practice; and utilize measurable evaluations of skills/knowledge of nursing staff during training process, as well as in annual assessments

3:15 – 4:45 pm

### SA5 Can Adherence to Treatment be Improved? ① ④ ⑤

Christine W. Wagner, MSN, RN, CPNP, AE-C

This workshop will discuss the challenge of getting patients to actually follow the plan of care. There are many factors that contribute to non-adherence and many different options to help patients become more adherent.

### SA6 Improving Clinical Staff ① ② ③ ④ ⑤ ⑥

**Competency: Training Options**

Cheryl Blackwell, BSN, RN, AE-C

This presentation will cover skills/knowledge required by nursing staff to achieve competency in an allergy and asthma practice. Training options will also be discussed, as well as measurable evaluations that can be utilized to evaluate progress during training.

### SA7 A Practical Guide to Interpreting Pulmonary Function Testing and eNO ① ② ③

Joseph C. Turbyville, MD, FACAAI

This presentation will provide a practical approach to using spirometry and FENO in clinical practice.

### SA8 Office Emergencies: Managing Acute Asthma and Anaphylaxis ① ② ③ ④ ⑤ ⑥

Kimberly G. Clay, MN, APRN, FNP-BC and  
Mary Lou Hayden, MS, FNP-BC, AE-C

This presentation will describe how to recognize signs of anaphylaxis in the office setting and appropriately treat patients with this condition. Providers need to quickly recognize and initiate treatment of an acute exacerbation and this presentation will examine the presenting signs and symptoms.

- SA3/SA7 - List key features to insure valid pulmonary function testing (PFT) and recognize adequate effort; and recognize abnormal measurements and their likely clinical interpretation as well as discuss the use of FeNO as a tool for asthma assessment
- SA4/SA8 - Describe the signs and symptoms of severe, acute asthma, and discuss evidence-based treatment and follow-up; and recognize both the obvious and subtle signs of anaphylaxis and apply the principles of appropriate and timely management

# Allied Health Professionals Course

Sunday, November 8

Separate Registration Fee • Admission by Ticket Only • Register online or forms available at [www.aaai.org](http://www.aaai.org)

*This course may be taken alone or in conjunction with the Office Administrators Practice Management Course or the Advanced Practice Health Care Providers Course. Allied staff registrants that attend the Office Administrators Practice Management Course, the Advanced Practice Health Care Providers Course or the Allied Health Professionals Course are not required to pay the general Annual Scientific Meeting registration fee.*

8:00 – 9:50 am

## General Session

Moderator: Jodi A. Shroba, MSN, APRN, CPNP

- 8:00 am **Welcome and Introductions**  
Jodi A. Shroba, MSN, APRN, CPNP
- 8:05 am **The Microbiome Revolution in Health and Disease** 1 2  
Christina E. Ciaccio, MD, FACAAI  
This presentation will review the role of microbes in health and disease and review the literature of how microbes influence atopic disease.
- 8:55 am **Changing Climates and Lifestyles: The Impact on Allergic Diseases** 2 6  
Jay M. Portnoy, MD, FACAAI  
This presentation will discuss the effect of climate change and current lifestyles on the prevalence and development of allergies and asthma and offer some recommendations for actions that can be taken to ameliorate some of these effects.

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review how microbiota contribute to immunity as well as to metabolic and inflammatory diseases; and discuss the role of intestinal microbiota and the impact of antibiotics as well as the role for probiotics, vitamins and other supplements
- Apply knowledge of how lifestyle changes, such as in diet, exercise, and medications, may contribute to increasing allergic disease; and critique the role of climate change and environmental pollution in triggering and causing progression of allergic disorders

9:50 am Refreshment Break

10:05 am – noon

## General Session

Moderator: Cheryl K. Bernstein, BSN, RN, CCRC

- 10:05 am **Healthy Lifespace for Patients With Asthma and Allergic Diseases: Findings and Recommendations From the Practice Parameters** 1 2 3 4 5 6  
Mary Lou Hayden, MS, FNP-BC, AE-C  
This presentation will examine potential exposures at home, the work place and school, and current evidence-based recommendations for minimizing exposures. Patients with allergic diseases are affected by many environmental exposures. The Advocacy Council has recently published Practice Parameters on environmental triggers.
- 11:00 am **IVIG Replacement: Pearls for Managing the Immune Deficient Patient** 1 2 3  
Mark M. Ballow, MD, FACAAI  
This presentation will discuss how medical literature now supports new concepts in replacement Ig therapy in patients with primary immune deficiencies to achieve better outcomes.
- 11:55 am **Questions and Discussion**
- Noon **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss evidence-based research for managing environmental triggers to allergic disease and resources for patient education and assistance
- Explore the identification of the immune deficient patient and the various options for management

# Alliance of the ACAAI Program

Please register online or forms available at [www.acaa.org](http://www.acaa.org) for the Business Meeting and Luncheon

As in previous years, the Alliance of the American College of Allergy, Asthma & Immunology will be hosting a Hospitality Suite for registered spouses/guests from 8:00 – 10:30 am, Friday, November 6 through Monday, November 9 at the Grand Hyatt San Antonio Hotel. We are hard at work selecting adult speakers for Friday, Saturday and Sunday mornings, as well as an ACAAI KIDS speaker for Saturday morning. Please check back for more details soon!

## Friday, November 6

8:00 – 10:30 am  
Alliance Hospitality Suite Open

## Saturday, November 7

8:00 – 10:30 am  
Alliance Hospitality Suite Open

6:00 – 7:00 pm  
Alliance International Reception

International attendees are cordially invited to attend the Alliance International Reception on Saturday, November 7 from 6:00 – 7:00 pm at the Grand Hyatt San Antonio Hotel. Join us for some Southern hospitality!

## Sunday, November 8

8:00 – 10:30 am  
Alliance Hospitality Suite Open

12:30 – 3:00 pm  
**Alliance Annual Business Meeting and Luncheon**  
**Registration Required • Fee \$15 • Limit 75**  
Active Members of the Alliance are invited to attend the Annual Business Meeting and Luncheon

## Monday, November 9

8:00 – 10:30 am  
Alliance Hospitality Suite Open



Photos courtesy of San Antonio Convention and Visitors Bureau

# Social Events

## 24th Annual FIT Bowl Competition

5:00 – 7:00 pm  
Saturday, November 7

Test your knowledge, sharpen your wits and join in the fun at the dynamic, fast-paced FIT Bowl!

Participating teams from training programs around the country will compete to answer a variety of serious (and, not so serious) questions posed by an expert panel. In 2014, 26 teams from the US and Mexico participated at this popular game show.



Dr. Tonya Rans, Program Director (right), congratulates Drs. Derek Smith and Priscilla Wong on retaining the ACAAI FIT Bowl championship for Wilford Hall Medical Center in the highly-competitive 23rd annual competition.

## Alliance International Reception

6:00 – 7:00 pm  
Saturday, November 7

International attendees are cordially invited to attend the Alliance International Reception on Saturday, November 7 from 6:00 – 7:00 pm at the Grand Hyatt San Antonio Hotel. Join us for some Southern hospitality!

## Awards Ceremony

7:00 – 7:45 pm  
Saturday, November 7

The College invites all registrants to the ACAAI Awards Ceremony where we will recognize our 2015 award recipients and formally welcome our newly-approved Fellows.

The event will begin at 7:00 pm with our new Fellows being honored for their accomplishments. We will also recognize the recipients of the ACAAI's Distinguished Fellow, International Distinguished Fellow, Distinguished Service, Clemens von Pirquet and Woman in Allergy awards.

Finally, we'll introduce this year's recipient of the College's prestigious Gold Headed Cane Award.

## President's Welcome Reception

7:45 – 9:00 pm  
Saturday, November 7

All registrants are invited to the ACAAI President's Welcome Reception, which will immediately follow the Awards Ceremony. It's the perfect place to catch up with old friends, make new acquaintances and meet the ACAAI President, President-Elect and the Alliance President. The event will also feature a live auction.

Plan to join us for this fun-filled event.

## Fundraising Event

7:00 – 10:30 pm  
Sunday, November 8

Don't miss this year's fundraising event featuring Grammy-Award winning **Blood, Sweat & Tears**.

See page 44 for details.

# BLOOD, SWEAT & TEARS

Featuring **Bo Bice**

Headlines

## ACAAI FUNDRAISING EVENT

Eat, drink and dance the night away to

→ "Spinning Wheel"

→ "And When I Die"

→ "You've Made Me So Very Happy"

→ and more

# Sunday, Nov. 8

Reception with cocktails and plated dinner

Purchase tickets when you register for  
the 2015 Annual Scientific Meeting

Tickets  
**\$250**

Tables  
**\$2,300**

Corporate Tables  
**\$10,000**

Show only tickets new this year!  
**\$55 with cash bar**

Net proceeds donated to the  
ACAAI Foundation



American  
**College**  
of Allergy, Asthma  
& Immunology

2015 American College  
of Allergy, Asthma  
& Immunology  
Annual Scientific Meeting

San Antonio  
November 5-9