

REGISTRATION PROGRAM

PRACTICE ADVANCEMENT

American College of Allergy, Asthma & Immunology
2016 Annual Scientific Meeting
SAN FRANCISCO | NOV 10-14

NEW TIMES. NEW TREATMENTS. NEW STANDARDS.



American
College
of Allergy, Asthma
& Immunology

Applying Science With a Single Breath

NIOX VERO® Gives You Knowledge in Numbers

Quick and Easy FeNO Measurement at the Point of Care

Using NIOX VERO with other monitoring tools can provide greater insight to guide **assessment and treatment of Th2-driven airway inflammation.**¹⁻⁴

It helps to identify **ICS-responsive patients**,^{2,5} optimize **ICS dosing**,^{3,4,6-8} monitor patient **adherence**^{9,10} as well as to improve **cost efficiency.**¹¹⁻¹⁴

FeNO measurement with NIOX® is reliable, and provides an **accurate result in a single measurement.**¹⁵



IMPORTANT INFORMATION REGARDING NIOX VERO®

NIOX VERO is a portable system for the non-invasive, quantitative, simple and safe measurement of Nitric Oxide (NO) in human breath. Nitric Oxide is frequently increased in some inflammatory processes such as asthma. FeNO measurements provide the physician with means of evaluating an asthma patient's response to anti-inflammatory therapy, as an adjunct to the established clinical and laboratory assessments in asthma. The NIOX VERO is intended for prescription use and should only be used as directed in the NIOX VERO User Manual by trained healthcare professionals. NIOX VERO is suitable for children, approximately 7–17 years, and adults 18 years and older. NIOX VERO cannot be used with infants or by children approximately under the age of 7, as measurement requires patient cooperation. NIOX VERO should not be used in critical care, emergency care or in anesthesiology.

1. Alving K et al. Basic aspects of exhaled nitric oxide. *Eur Respir Mon.* 2010;49:1-31. 2. Dweik RA et al; on behalf of the American Thoracic Society Committee on Interpretation of Exhaled Nitric Oxide Levels (FeNO) for Clinical Applications. An official ATS clinical practice guideline: interpretation of exhaled nitric oxide levels (FeNO) for clinical applications. *Am J Respir Crit Care Med.* 2011;184(5):602-615. 3. Smith AD et al. Use of exhaled nitric oxide measurements to guide treatment in chronic asthma. *N Engl J Med.* 2005;352(21):2163-2173. 4. Powell H et al. Management of asthma in pregnancy guided by measurement of fraction of exhaled nitric oxide: a double-blind, randomised controlled trial. *Lancet.* 2011;378(9795):983-990. 5. Smith AD et al. Exhaled nitric oxide: a predictor of steroid response. *Am J Respir Crit Care Med.* 2005;172(4):453-459. 6. Syk J et al. Anti-inflammatory treatment of atopic asthma guided by exhaled nitric oxide: a randomized, controlled trial. *J Allergy Clin Immunol Pract.* 2013;1(6):639-648. 7. Szefer SJ et al. Management of asthma based on exhaled nitric oxide in addition to guideline-based treatment for inner-city adolescents and young adults: a randomised controlled trial. *Lancet.* 2008;372(9643):1065-1072. 8. Patsky HL et al. Management based on exhaled nitric oxide levels adjusted for atopy reduces asthma exacerbations in children: a dual centre randomized controlled trial. *Pediatr Pulmonol.* 2015;50(6):535-543. 9. Beck-Ripp J et al. Changes of exhaled nitric oxide during steroid treatment of childhood asthma. *Eur Respir J.* 2002;19(6):1015-1019. 10. Delgado-Corcoran C et al. Exhaled nitric oxide reflects asthma severity and asthma control. *Pediatr Crit Care Med.* 2004;5(1):48-52. 11. LaForce C et al. Impact of exhaled nitric oxide measurements on treatment decisions in an asthma specialty clinic. *Ann Allergy Asthma Immunol.* 2014;113(6):619-623. 12. Lester D et al. An investigation of asthma care best practices in a community health center. *J Health Care Poor Underserved.* 2012;23(suppl 3):255-264. 13. Honkoop PJ et al; Asthma Control Cost-Utility Randomized Trial Evaluation (ACCURATE) Study Group. Symptom- and fraction of exhaled nitric oxide-driven strategies for asthma control: a cluster-randomized trial in primary care. *J Allergy Clin Immunol.* 2015;135(3):682-688. 14. National Institute for Health and Care Excellence. Measuring fractional exhaled nitric oxide concentration in asthma: NIOX MINO, NIOX VERO and NObreath. <http://www.nice.org.uk/guidance/dg12>. Zugriff am 31. März 2016. 15. Kapande KM et al. Comparative repeatability of two handheld fractional exhaled nitric oxide monitors. *Pediatr Pulmonol.* 2012;47(6):546-550.

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Practice Advancement

New Times. New Treatments. New Standards.



Stephen A. Tilles, MD, FAAAAI
President-Elect & Program Chair

As practicing allergists, we find ourselves in a complicated time. On the one hand, we have at our disposal exciting new therapeutic approaches that take advantage of recent advances in our understanding of the immune system. On the other hand, in clinic we have been subjected to a

variety of non-medical forces that have made it more and more challenging to practice

our craft. The College understands these challenges and is committed to assisting you with a wide range of educational opportunities at the 2016 ACAAI Annual Scientific Meeting in San Francisco.

The theme of this year's meeting is "Practice Advancement: New Times. New Treatments. New Standards," and I could not be more excited about what is on tap. Starting on Nov. 10 with our traditional Thursday all-day "pre-meeting" conference, we are excited to offer a day of Practice Essentials. The morning session covers Immunotherapy: From Noon Until Tomorrow, and in the afternoon we shift to Practice Management Boot Camp.

There will be cutting-edge sessions throughout the meeting featuring the latest biologic strategies to target Th-2 inflammation, an overview of Immunity Gone Bad, Allergists as Anaphylaxis Experts and many more. As for our consistently popular sessions, we have certainly not taken our eye off the ball. All your favorites are returning, including the Annual Literature Review, the Great Raft Debate and of course the FIT Bowl.

We have also added several new features, including multiple pro/con debates, a track structure, new workshops, ePosters, and a keynote session titled Preserving the Essence of Practicing Allergy. The session will culminate with a lecture by Abraham Verghese, MD, MACP, a critically acclaimed physician, author and lecturer with an international reputation for his focus on healing in an era where technology often overwhelms the human side of medicine. Dr. Verghese will be speaking on "The Care in Caring: Finding what is Timeless in an Era of Change."

On behalf of the ACAAI Program Committee, I look forward to you joining us in San Francisco in November for #ACAAI16!



ACAAI 2016 Annual Scientific Meeting

Housing Information

The ACAAI Annual Meeting will be held at the Moscone West Convention Center and the San Francisco Marriott Marquis Hotel. The convention hotels include the Marriott Marquis (Headquarters Hotel), InterContinental and Park Central hotels. All hotels are within walking distance to the Convention Center.

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

Hotel Room Rates:

San Francisco Marriott Marquis Hotel

\$291 Single & \$316 Double (+16.53% tax)
(Headquarters Hotel – 1 block from Convention Center)

InterContinental San Francisco Hotel

\$302 Single / Double (+16.64% tax)
(1 block from Convention Center)

Park Central San Francisco Hotel

\$269 Single / Double (+16.445% tax)
(3 blocks from Convention Center)

For best availability, make your reservation at:

Online: www5.cmrhousing.com/acaa2016/Housing

Phone: 415-268-2095 (US & Canada)
866-999-3096 (International)
Mon – Fri, 9:00 am – 9:00 pm ET

You can also contact ACAAI housing via our support center, by visiting acaai.cmrushelp.com or by emailing acaaisupport@cmrus.com.

**The deadline for hotel reservations is
Monday, October 3, 2016.**

Hotel reservations / rate availability are not guaranteed after the room block is full or after October 3, 2016. 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.**

Airline Travel Information

To book your airline reservation, call ACAAI's official travel agency, Uniglobe Travel Partners, at 1-800-626-0359 and, after the prompt, dial "0" (Monday – Friday, 8:30 am – 5:30 pm CST).

Registration Information

Your registration fee includes access to Plenary, Symposia, Concurrent Sessions, Pro/Con Debates, Exhibit Hall and various social events. It does not include the optional Thursday Practice Essentials session, 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, visit annualmeeting.acaa.org.

Exhibit Hours

Friday, November 11, 3:00 – 6:00 pm
PM refreshment break in the exhibit hall

Saturday, November 12, 9:45 am – 4:00 pm
AM and PM refreshment breaks in the exhibit hall

Sunday, November 13, 9:45 am – 2:00 pm
AM refreshment break in the exhibit hall

San Francisco Information

Discover what there is to see and do in San Francisco.
www.sanfrancisco.travel/ACAAI-2016

Temperature

The average temperature in November ranges from a low of 50°F to a high of 64°F.

Non-CME Corporate Forums

Corporate Forums are non-CME promotional symposia organized by industry and designed to enhance your educational experience. All registrants are invited to attend.

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.

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

The target audience for this activity includes those who practice in the field of allergy and immunology or treat patients with allergies: practicing allergists and immunologists, Fellows-in-Training, primary care physicians, and allied health professionals.

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 Credit Statements



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 **41.25 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 **41.25 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.



Maintenance of Certification

The American Board of Allergy and Immunology's (ABAI) Maintenance of Certification (MOC) program offers evidence of highly qualified physicians who use best practices and evidence-based standards for care. Linking the educational content of the ACAAI Annual Scientific Meetings to the MOC program is one way ACAAI helps its members provide ABAI with evidence of their commitment to lifelong learning.

IMPORTANT: PART II of the ABAI's MOC program **requires** diplomates to obtain a minimum of **25 CME Credits in allergy and immunology on an annual basis**. The CME Credits for the Annual Meeting can be used to satisfy this requirement.

In addition to this requirement, the ABAI recommends that *6 of the 25 credits* be designated as *Self-Assessment Credit*. CME activities eligible for Self-Assessment Credit involve a written or electronic question-and-answer exercise that assesses learners' understanding of the material presented in the CME program. The College will *designate specific sessions* for Self-Assessment Credit.

ACAAI has a streamlined process for earning Self-Assessment Credit at eligible sessions:

- Arrive **prior** to the start of the session to pick up an Audience Response System (ARS) keypad.
- Follow the instructions for entering your identification.
- Answer 4 pretest AND 4 posttest questions on your ARS keypad.
- Remain in attendance for the entire session.
- Return your ARS keypad at the end of the session.
- Complete the CME Evaluation form via the Annual Meeting website (annualmeeting.accai.org)
- Participation for Self-Assessment Credit is on a first-come, first-served basis – **sorry, no exceptions**.

The ABAI will award Self-Assessment Credits that satisfy the recommendation for MOC Part II to diplomates who appropriately participate in any of the designated sessions and are **currently enrolled** in ABAI's MOC program.

ACAAI will submit the required reports that include Self-Assessment Credits **to the ABAI**. ABAI will enter Self-Assessment Credits for MOC Part II requirements onto the [ABAI web portal page](#). The amount of Self-Assessment Credits earned are always equal to the amount of *AMA PRA Category 1 Credits™* claimed for the session. (Partial Self-Assessment Credit is not available.) Faculty cannot earn CME or Self-Assessment Credit for their presentations.

Ultimately, CME activities for which Self-Assessment Credit is awarded may be cross-referenced to the ABAI examination content outline, available on the [ABAI website](#). Details of the six Core Competencies are also located on the [ABAI website](#). The six Core Competencies are: **Patient Care and Procedural Skills; Medical Knowledge; Practice-based Learning and Improvement; Interpersonal and Communication Skills; Professionalism; and System-based Practice.**



Featured Lectures

Each year, the American College of Allergy, Asthma & Immunology presents several named lectures during the Annual Scientific Meeting. The “Bela Schick,” “John P. McGovern” and “Bernard Berman” lectures are presented annually. The “Daniel J. Goodman” and “Lester Mittelstaedt” lectures are presented in alternate years and the “Luisa Businco Lecture” is presented during the International Food Allergy Symposium.

The allergists selected to present named lectures embody the high standards and achievements of the physicians for whom the lectures are named. The College is proud to present the following named lectures at its 2016 Annual Scientific Meeting. All lectures will be held at the Moscone West Convention Center.

John P. McGovern Lecture

Sublingual vs. Subcutaneous Immunotherapy: A Randomized Controlled Trial

Saturday, November 12, 8:35 – 9:05 am
Stephen R. Durham, MD

This annual lectureship is supported by a grant from the John P. McGovern Foundation. The Foundation sought to establish a lectureship that would recognize eminent physicians and scientists, both clinicians and researchers, who have contributed meritoriously to the advancement of knowledge in the specialty of allergy-immunology. Lecturers receive the prized John P. McGovern medallion, created especially for the lectureship. Dr. McGovern was a past president of the College and a strong leader in the field of patient care.

Bela Schick Lecture

“MOC”k-e-y Mouse – Is MOC Really “Mickey Mouse” for the Allergist?

Sunday, November 13, 10:30 – 11:00 am
Mark L. Corbett, MD, FAAAAI

The annual Bela Schick Lecture is named in honor of one of medicine’s most respected scientists. Bela Schick was born in Hungary and attended medical school in Austria. After serving as Extraordinary Professor of Children’s Diseases at the University of Vienna, he immigrated to the United States in 1923. He was a pediatrician at Mt. Sinai in New York for many years, loved by his patients and respected by his fellows. Dr. Schick is best known for his work with Clemens von Pirquet on anaphylaxis and for the test he developed to assess immunity in diphtheria.

Daniel J. Goodman Lecture

Safely Transitioning the Food Allergic Patient to College

Sunday, November 13, 11:55 am – 12:20 pm
David R. Stukus, MD, FAAAAI

The biennial Goodman Lecture is supported by a grant from Dr. Daniel Goodman. His purpose in establishing this lectureship was to leave a legacy to honor individuals who have demonstrated outstanding scholarship and clinical abilities in the field of allergy-immunology.

Bernard Berman Memorial Lecture

The Role of the Inflammasome in Immunity and Disease

Monday, November 14, 8:30 – 8:55 am
Hal M. Hoffman, MD

The annual Bernard Berman Memorial Lecture recognizes a kind, caring clinician-allergist with interests in the various aspects of allergy and a passion for teaching. The Memorial Lecture is a testament to Dr. Berman’s caring nature, unique skills as a gifted teacher and unselfish compassion for his patients. He was a past president of the College and one of the founders of the American Board of Allergy and Immunology.

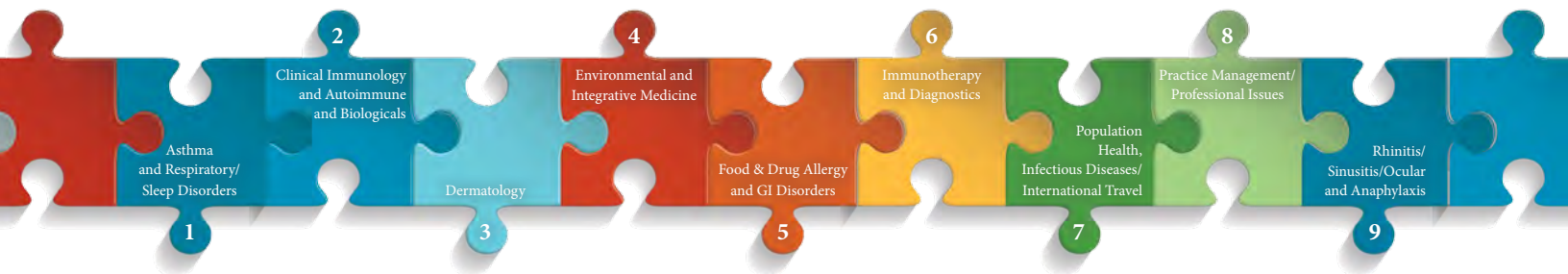
Keynote Presentation

The Care in Caring: Finding What is Timeless in an Era of Change

Saturday, November 12, 9:35 – 10:15 am
Abraham Verghese, MD, MACP

Tracks

In an effort to make the Annual Meeting more meaningful for our attendees, the College has implemented a track system. The tracks conveniently lay out the primary track for each session, along with any secondary tracks that may be applicable. We hope you find the realigned clinical and practice areas useful when choosing sessions of interest that are relevant to your practice.



LEGEND			
LR	Literature Review	MO	Monday
MTP	Meet the Professor Breakfast	TU	Tuesday
PC	Pro/Con Debate	WE	Wednesday
PS	Plenary Session	TH	Thursday
SY	Symposium	FR	Friday
TP	Thursday Program	SA	Saturday
WK	Workshop	SU	Sunday

Session Type	Day	Asthma and Respiratory/ Sleep Disorders	Clinical Immunology and Autoimmune and Biologicals	Dermatology	Environmental and Integrative Medicine	Food & Drug Allergy and GI Disorders	Immunotherapy and Diagnostics	Population Health and Infectious Diseases/International Travel	Practice Management/ Professional Issues	Rhinitis/Sinusitis/Ocular and Anaphylaxis
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Primary Track

Asthma and Respiratory/Sleep Disorders										
Asthma in 2016: Advances in Understanding Origin, Presentation and Approaches to Management	PS	MO	●	●						
Literature Review: Morning Session	LR	FR	●	●	●		●		●	
W27: Management of Asthma: Beyond Just Medications	WK	MO	●			●				
W24: Managing Severe Asthma in Adults and Children	WK	SU	●	●						
M2: Office Evaluation of Chronic Cough	MTP	MO	●							
Preschool Child With Acute Episodic Wheeze Should Be Treated With Oral Corticosteroids	PC	SA	●							
M9: Severe Asthma: Where Biologics Fit	MTP	MO	●	●						
S6: The Ins and Outs of VCD	MTP	SU	●							
The Use of Biologics in Severe Asthma	SY	FR	●	●		●			●	
What to Do When Asthma Does Not Respond to Step 3 Treatment	SY	SU	●	●						
W4: When Cough, Wheeze or Dyspnea Are Not Asthma	WK	FR	●							

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 Clinical Immunology and Autoimmune and Biologicals										
Diagnosis and Treatment of Primary Immune Deficiency	SY	FR	●							
W25: Difficult Cases in Primary Immune Deficiency	WK	SU	●							
S3: Eosinophilia: When to Worry and How to Evaluate	MTP	SU	●							
W30: Hyper IgE and Hypereosinophilia: When to Worry and How to Evaluate	WK	MO	●							
Immunity Gone Bad	PS	MO	●							
Immunoglobulin Replacement for the Allergist: Update on Guidelines	SY	SU	●							
S7: Laboratory Evaluation of Immunodeficiency	MTP	SU	●							
S8: Newborn Screening for SCID: What to Do When the State Calls	MTP	SU	●							
W23: PBL Workshop: Laboratory Evaluation of the Immune System	WK	SU	●							
W33: Primary Immune Deficiency: Antibiotics and Other Treatments	WK	MO	●							
M5: Treatment of Immunodeficiency: Selecting the Appropriate Product and Route of Administration	MTP	MO	●							
 Dermatology										
W28: Atopic Dermatitis In-depth	WK	MO		●						
M10: Chronic Urticaria	MTP	MO		●						
S2: Contact Dermatitis: Hips, Lips, Lotions and Potions	MTP	SU		●						
W31: Delayed Hypersensitivity Drug Reactions: Dilemmas in Diagnosis and Treatment	WK	MO		●						
Early Recognition and Effective Management of Hereditary Angioedema	SY	FR		●						
W26: Fat Lips and Swollen Throats: What Are the Facts?	WK	SU		●						
W14: Living With An Itch: A Practical Approach to Diagnosis and Treatment	WK	SA		●	●					

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 Dermatology (continued)										
Modern Therapies for Allergic Skin Diseases	PS	MO			●					
S9: Novel Therapies for Chronic Urticaria/Angioedema	MTP	SU		●	●					
W6: Office Procedures for Allergic Skin Diseases	WK	FR			●					
W22: Skin Biopsy for the Allergist: How to Perform and Interpret	WK	SU			●				●	
 Environmental and Integrative Medicine										
Integrative Medicine in Allergy Practice: Evidence-based Complementary Modalities	SY	SA				●			●	
W21: Integrative Medicine in the Allergist's Office: Science and in Practice	WK	SU	●		●					●
Literature Review: Afternoon Session	LR	FR				●	●	●		●
 Food & Drug Allergy and GI Disorders										
W29: Alcohol, Marijuana, Hookah and Additive Allergies	WK	MO				●				
M7: Assessment of Food-specific Quality of Life in Patients With Food Allergies	MTP	MO				●				
W20: Diagnostic Testing for Food Allergy: Old and New	WK	SU				●				●
W5: Drug Allergy Options Beyond Avoidance: Where the Allergist Matters	WK	FR				●				
W32: Eosinophilic Esophagitis and Other Swallowing Disorders	WK	MO				●				
W11: Food Allergies: What's New in Prevention and Treatment?	WK	SA				●				
S1: Food Allergy Diagnosis in the Office: Testing and Challenges	MTP	SU				●				
W3: Food Challenges in Practice: Safe and Simplified	WK	FR				●				
Life and Diet for Infants After LEAP	PS	SA				●				
M1: Nuts and Bolts of Food Desensitization: Is It Right for Your Office?	MTP	MO				●				

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5 Food & Drug Allergy and GI Disorders (continued)										
S5: Office Evaluation of Drug Allergies: How to Test Beyond Pen G and Prepen	MTP	SU				●				
M8: Perioperative Anaphylaxis	MTP	MO				●				●
Practical Advice for the Diagnosis/Management of Drug Allergy	PS	SU				●		●		
The Great Raft Debate: The Best Treatment for Food Allergy Is...	PS	SA				●	●			
The LEAP Study Results Should Be Applied to Foods Other Than Peanuts	PC	FR				●	●			
6 Immunotherapy and Diagnostics										
W9: Immunotherapy 2016: SCIT, SLIT and More!	WK	SA					●		●	
Immunotherapy Coming of Age	SY	SU	●				●			●
Keynote Session: Preserving the Essence of Practicing Allergy	PS	SA			●		●		●	●
W2: Nuts and Bolts of Rush and Cluster Immunotherapy	WK	FR					●			
Practice Essentials: Immunotherapy From Noon Until Tomorrow	TP	TH	●			●	●		●	●
M6: SLIT: How and When?	MTP	MO					●			
7 Population Health and Infectious Diseases/International Travel										
W34: Allergies in Infants and Very Young Children	WK	MO	●		●			●		●
M4: Approach to the Pediatric Patient With Recurrent Infections	MTP	MO		●				●		
Meeting the Needs of Distinctive Patient Populations: Pregnancy, the Underserved and Adolescents	PS	SU	●			●		●		●
8 Practice Management/Professional Issues										
W8: Advocacy Council 2016 Update on Coding: What You Need to Know	WK	SA							●	
W16: Advocacy Council: 2016 Update on Legal/Regulatory Issues	WK	SU							●	

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 Practice Management/Professional Issues (continued)										
W18: Essentials of Sterile Compounding for the Allergy Practice	WK	SU					●		●	
W10: Gadgets & Gizmos: Using Technology in Your Practice	WK	SA	●					●	●	●
S10: How to Incorporate Social Media into Your Practice	MTP	SU							●	
Practice Essentials: Practice Management Boot Camp	TP	TH							●	
W19: Surviving and Optimizing in the World of EHR	WK	SU							●	
 Rhinitis/Sinusitis/Ocular and Anaphylaxis										
Antihistamines Should Be Removed From Anaphylaxis Action Plans	PC	SU				●				●
M3: ASA Desensitization: How and When to Add to Your Practice	MTP	MO	●			●				●
W13: Difficult to Control Rhinitis and Rhinosinusitis: What the Experts Do	WK	SA			●					●
W12 & W15: Hands-on Session in Rhinologyngoscopy	WK	SA	●							●
W17: Hands-on Session in Rhinologyngoscopy: Intermediate/Advanced	WK	SU								●
W1: Insect Allergy Update	WK	FR								●
W7: Introductory Course in Rhinologyngoscopy	WK	SA								●
Leading the Pack: Allergists as Anaphylaxis Experts	SY	FR				●				●
S4: Mast Cell Activation Syndromes	MTP	SU			●					●

2016 ACAAI FUNDRAISING EVENT



MJ LIVE

Michael Jackson Tribute Concert

Net proceeds donated to the
ACAAI Foundation

Sunday, Nov. 13 • San Francisco

PRACTICE ADVANCEMENT

American College of Allergy, Asthma & Immunology
2016 Annual Scientific Meeting
SAN FRANCISCO | NOV 10-14

Reception with cocktails, plated dinner,
and concert • Special live auction

Purchase tickets when you register for
the 2016 Annual Scientific Meeting at
annualmeeting.acaai.org

Tickets
\$250

Tables
\$2,300

Corporate Tables
\$10,000

Show Only Tickets
\$55 with cash bar

Workshops

Separate Registration Fee • Admission by Ticket Only

Friday, November 11

W1 Insect Allergy Update

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Theodore M. Freeman, MD, FAAAAI and
James M. Tracy, DO, 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.

Objective: Recognize the most common insects that cause reaction in humans, as well as the reactions these insects cause; develop an evaluation and treatment plan, as well as evaluate how to work with local emergency departments for aftercare of patients seen; and review management of insect allergy with emphasis on the What's New section of the upcoming Insect PP.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

W2 Nuts and Bolts of Rush and Cluster Immunotherapy

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*David B. Engler, MD, FAAAAI and
Mike Tankersley, MD, FAAAAI*

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 allow for accelerated forms of building up the dose.

Objective: Demonstrate competence in allergen selection and administration in successful cluster and rush immunotherapy regimens; and identify patient indications, immunologic mechanisms, and special considerations related to cluster and rush immunotherapy delivery.

Track: Immunotherapy and Diagnostics

W3 Food Challenges in Practice: Safe and Simplified

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Rima A. Rachid, MD and
Hugh A. Sampson, 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.

Objective: Describe how to perform an oral food challenge; and review indications for an oral food challenge and reasons for deferment.

Track: Food & Drug Allergy and GI Disorders

W4 When Cough, Wheeze or Dyspnea Are Not Asthma

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Rohit K. Katial, MD, FAAAAI and
Stephen C. Lazarus, MD*

While asthma is generally readily recognizable, it is a clinical diagnosis with no specific diagnostic test. When is cough, wheeze, or dyspnea not asthma? Cases will be presented, and the audience will be requested to discuss the differential diagnoses and their diagnostic approach.

Objective: Identify the clinical characteristics that support asthma as the cause of cough, wheeze, or dyspnea; recognize that not all coughs or wheezes are asthma; and differentiate symptoms common for asthma from other causes of those symptoms.

Track: Asthma and Respiratory/Sleep Disorders

Workshops

Separate Registration Fee • Admission by Ticket Only

W5 Drug Allergy Options Beyond Avoidance: Where the Allergist Matters

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

Aleena Banerji, MD and

Roland Solensky, MD, FAAAAI

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

Objective: Discuss diagnostic tests and management options for patients with reported hypersensitivity to antibiotics, including beta-lactams, macrolides, quinolones and sulfonamides; discuss diagnostic tests and management options for patients with reported hypersensitivity to aspirin and NSAIDs; and discuss diagnostic tests and management options for patients with reported hypersensitivity to chemotherapeutic drugs.

Track: Food & Drug Allergy and GI Disorders

W6 Office Procedures for Allergic Skin Diseases

4:00 – 6:00 pm

Fee: \$100 (FITs: \$50). Limit 50.

Luz S. Fonacier, MD, FAAAAI and

Sharon E. Jacob, MD

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.

Objective: Describe the different tests for physical urticaria and the indications for skin biopsy and interpretation of skin biopsy results; discuss the indications and interpretation of the standard epicutaneous patch testing and the utility of repeat open application testing; and demonstrate the application of epicutaneous patch testing.

Track: Dermatology

Saturday, November 12

W7 Introductory Course in Rhinolaryngoscopy

6:00 – 8:00 am

Fee: \$80 (FITs: \$35). Limit 50.

Jerald W. Koepke, MD, FAAAAI and

Seong H. Cho, MD

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 fiber-optic rhinoscope in the allergist's office.

Objective: Describe the major anatomical findings in the upper airway; identify normal and abnormal anatomy, disease presentations and post-op findings; and identify indications for use of the rhinoscope in the allergist's office.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

W8 Advocacy Council 2016 Update on Coding: What You Need to Know

3:30 – 5:30 pm

Fee: \$80 (FITs: \$35). Limit 50.

Gary N. Gross, MD, FAAAAI and

J. Allen Meadows, MD, FAAAAI

Coding is complex and errors can lead to underpayment, or worse – penalties. The Advocacy Council (AC) of the ACAAI team will review what we have learned in the first year of ICD-10 and what to expect in the future. We will also review the essentials of CPT.

Objective: Explain why the conversion to ICD-10 occurred and why correct coding is important; identify and coordinate ICD-10 and CPT codes; and identify ICD-10 codes that were not used in the past, but that may be helpful in the future; identify new ICD-10 codes that may be needed in the future.

Track: Practice Management/Professional Issues

Workshops

Separate Registration Fee • Admission by Ticket Only

Saturday, November 12 (continued)

W9 Immunotherapy 2016: SCIT, SLIT and More!

3:30 – 5:30 pm

Fee: \$80 (FITs: \$35). Limit 50.

*John J. Oppenheimer, MD, FAAAAI and
Jay M. Portnoy, MD, FAAAAI*

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

Objective: 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 optimal dosing and use 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.

Track: Immunotherapy and Diagnostics

W10 Gadgets & Gizmos: Using Technology in Your Practice

3:30 – 5:30 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Vesselin Dimov, MD and
Nabeel Farooqui, MD*

During this hands-on session, the presenters will introduce the audience to newly available forms of technology and their application within the clinical setting. We will simultaneously be reviewing the latest and greatest smartphone apps available for mobile devices.

Objective: Discuss various technology options that can be integrated within their practice; effectively search for and utilize medical apps for clinical care and patient education; and find resources to stay updated/get involved with the medical technology community.

Track: Practice Management/Professional Issues

W11 Food Allergies: What's New in Prevention and Treatment?

3:30 – 5:30 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Sami L. Bahna, MD, DrPH, FAAAAI and
Julie Wang, MD, FAAAAI*

This workshop will discuss new developments in the areas of food allergy prevention and treatments. Time will be allotted for interactive discussion of the data and potential applications in practice.

Objective: Examine the current guidelines for the prevention of food allergy; and compare therapeutic strategies under investigation for food allergy.

Track: Food & Drug Allergy and GI Disorders

W12 Hands-on Session in Rhinologyngoscopy

3:30 – 5:30 pm

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 rhinologyngoscope; 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 fiber-optic endoscope.

Objective: Describe the major anatomical structures of the nasal, pharyngeal and glottic areas as visualized during examination with the fiber-optic rhinologyngoscope; 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 fiber-optic endoscope.

Track: Asthma and Respiratory/Sleep Disorders

Workshops

Separate Registration Fee • Admission by Ticket Only

W13 Difficult to Control Rhinitis and Rhinosinusitis:

What the Experts Do

3:30 – 5:30 pm

Fee: \$80 (FITs: \$35). Limit 50.

Jonathan A. Bernstein, MD, FAAAAI and
Anju T. Peters, MD

This workshop will discuss treatment options for rhinitis and rhinosinusitis in the clinical setting. We will also discuss complementary methods for treatment, as well as novel therapeutics which have been shown to be safe and effective for treatment of these common conditions.

Objective: Describe newer techniques for the diagnosis and management of rhinitis and rhinosinusitis in the clinical setting; and discuss complementary methods for the treatment of rhinitis and rhinosinusitis as well as novel therapeutics which have been shown to be safe and effective for treatment of these common conditions.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

W14 Living With an Itch: A Practical Approach to Diagnosis and Treatment

3:30 – 5:30 pm

Fee: \$80 (FITs: \$35). Limit 50.

Peter A. Lio, MD and
Gil Yosipovitch, MD

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

Objective: Develop strategies for allergist and dermatologist co-management of patients with itch; and outline an evidence-based therapeutic ladder for management of itch.

Track: Dermatology

Sunday, November 13

W15 Hands-on Session in Rhinologyngoscopy (Repeated Offering)

6:30 – 8:30 am

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 rhinologyngoscope; 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 fiber-optic endoscope.

Objective: Describe the major anatomical structures of the nasal, pharyngeal and glottic areas as visualized during examination with the fiber-optic rhinologyngoscope; 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 fiber-optic endoscope.

Track: Asthma and Respiratory/Sleep Disorders

W16 Advocacy Council: 2016 Update on Legal/Regulatory Issues

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

J. Allen Meadows, MD, FAAAAI

Whether you are dealing with new government regulations like alternative payment methods, or older ones like HIPAA, Medically Unlikely Edits, and Meaningful Use, the Advocacy Council of ACAAI will review what happened in 2016, what to expect in 2017, and how our advocacy can impact change.

Objective: Explain why the RUC reviews codes and how its decisions can impact allergy; adapt these new regulatory requirements to their practices; explain why developing alternative payment models is important to allergists; and use Advocacy Council resources.

Track: Practice Management/Professional Issues

Workshops

Separate Registration Fee • Admission by Ticket Only

Sunday, November 13 (continued)

W17 Hands-on Session in Rhinologyngoscopy: **Intermediate/Advanced** **4:00 – 6:00 pm**

Fee: \$100 (FITs: \$50). Limit 30.

Jerald W. Koepke, MD, FAAAAI;

Seong H. Cho, MD;

Kevin R. Murphy, MD, FAAAAI (SC);

Donald W. Pulver, MD, FAAAAI and

C. Ross Westley, MD, FAAAAI

PREREQUISITES REQUIRED FOR THIS WORKSHOP

Participants must meet the following criteria for participation:

1. Have taken the Introductory Hands-on Rhinologyngoscopy Course at a previous meeting or have received similar training.
2. Have a working knowledge of the nasal and laryngeal anatomy.
3. Possess basic skills in the use of flexible fiber-optic rhinoscope.
4. Have performed at least 15 examinations with a fiber-optic rhinoscope.
5. Be willing to be examined by course participants.

Objective: Better navigate the recesses of the nasal airway and larynx; demonstrate more advanced skills needed to perform a comprehensive upper airway examination with a fiber-optic endoscope; identify the major anatomical structures of the nasal, pharyngeal and glottic areas as visualized during examination with the fiber-optic rhinologyngoscopy; and describe variations of normal if seen when participants examine one another.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

W18 Essentials of Sterile Compounding for the Allergy Practice **4:00 – 6:00 pm**

Fee: \$80 (FITs: \$35). Limit 50.

Bryan L. Martin, DO, MMAS, FAAAAI and

Michael R. Nelson, MD, PhD, FAAAAI

Allergists who compound immunotherapy extracts must comply with applicable current guidelines, such as USP 797, mandated by national legislation. This session walks participants step-by-step through applicable guidelines, office requirements, techniques, and the media fill test and quiz to achieve compliance.

Objective: Describe requirements of USP 797 and relevant guidelines for allergen extract compounding; and demonstrate the technique of sterile compounding required in office-based practice.

Track: Practice Management/Professional Issues

W19 Surviving and Optimizing in the World of EHR **4:00 – 6:00 pm**

Fee: \$80 (FITs: \$35). Limit 50.

Gerald B. Lee, MD and

Gary Steven, MD, FAAAAI

Improve your efficiency while fully utilizing the features of your EHR in this interactive workshop. Learn tips, tricks, and solutions to common EHR problems.

Objective: Define best practices for implementing an EHR in the practice; and identify the root causes of common issues with EHRs in the practice.

Track: Practice Management/Professional Issues

W20 Diagnostic Testing for Food Allergy: Old and New **4:00 – 6:00 pm**

Fee: \$80 (FITs: \$35). Limit 50.

Amal H. Assa'ad, MD, FAAAAI and

David M. Fleischer, MD, FAAAAI

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.

Objective: 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.

Track: Food & Drug Allergy and GI Disorders

W21 Integrative Medicine in the Allergist's Office: Science and in Practice **4:00 – 6:00 pm**

Fee: \$80 (FITs: \$35). Limit 50.

Gailen D. Marshall, MD, PhD, FAAAAI and

Maeve E. O'Connor, MD, FAAAAI

This session will describe how to market a practice that emphasizes the whole person approach within an evidence-based approach, the components of practical considerations with new patient intake, and the pros and cons of offering services in office versus referrals.

Objective: Describe practical services that meet this unique need and how they are billed; describe the components of what is needed for a comprehensive assessment of the patient's body, mind and spirit; and discuss challenges/opportunities for identifying referrals to nutritionists, exercise professionals and clinical psychologists/social workers for mindfulness training.

Track: Environmental and Integrative Medicine

Workshops

Separate Registration Fee • Admission by Ticket Only

W22 Skin Biopsy for the Allergist: How to Perform and Interpret

4:00 – 6:00 pm

Fee: \$100 (FITs: \$50). Limit 50.

*Marcella R. Aquino, MD, FAAAAI and
David R. Weldon, MD, FAAAAI*

This session will inform attendees how to perform a skin biopsy, including what materials are needed, how to discuss what findings mean (i.e. spongiotic dermatitis), and how to go through the differential diagnoses of various skin eruptions.

Objective: Perform a skin biopsy with proper technique and tools; recognize possible complications, adverse effects and limitations of skin biopsy; and identify various common interpretations of skin biopsy.

Track: Dermatology

W23 PBL Workshop: Laboratory Evaluation of the Immune System

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 25.

*Moderator: Ray S. Davis, MD, FAAAAI
Speakers: Morna J. Dorsey, MD, MMSc and
Sean A. McGhee, MD*

Laboratory evaluation of the immune system is very important for many practitioners. There are new types of immune evaluations, which many allergists may not be aware of for their patients.

Objective: Interactively discuss a patient with recurrent respiratory infections and the appropriate office evaluation; review the rationale for new tests for immunodeficiency; and become aware of new therapeutic options for the patient discussed.

Track: Clinical Immunology and Autoimmune and Biologicals

W24 Managing Severe Asthma in Adults and Children

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Leonard B. Bacharier, MD, FAAAAI and
Reynold A. Panettieri, MD*

This workshop will cover: 1) the immunologic and biologic characteristics of adults and children with severe asthma; 2) how to evaluate adults and adolescents for therapy with new biologic agents recently approved for asthma; 3) therapeutic approaches for young children with severe asthma; and 4) how to individualize treatment plans for children and adults with severe asthma.

Objective: Recognize how basic science and clinical research has identified distinct pathophysiologic endotypes in severe asthma; describe which patients are candidates for therapy with new biologic agents approved for use in asthma; and discuss differences in presentation and treatment of children and adults with severe asthma.

Track: Asthma and Respiratory/Sleep Disorders

W25 Difficult Cases in Primary Immune Deficiency

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Marianne Frieri, MD, PhD, FAAAAI and
Lisa J. Kobrynski, MD, MPH, FAAAAI*

The diagnosis and treatment of primary immune deficiencies frequently pose challenges for the practitioner. This session will highlight several difficult cases of primary immune deficiency.

Objective: Identify appropriate evaluation of patients with suspected immune deficiency; and learn appropriate strategies for managing patients with primary immune deficiencies.

Track: Clinical Immunology and Autoimmune and Biologicals

Workshops

Separate Registration Fee • Admission by Ticket Only

Sunday, November 13 (continued)

W26 Fat Lips and Swollen Throats: What Are the Facts?

4:00 – 6:00 pm

Fee: \$80 (FITs: \$35). Limit 50

William R. Lumry, MD, FAAAAI and

Richard W. Weber, MD, FAAAAI

The allergist will be updated to current guideline approaches and therapies for angioedema. The evaluation and treatment of angioedema is changing. New treatments are available and allergists need to stay current in this area. Allergists need to be able to diagnose, evaluate, and develop a treatment plan for patients with various types of angioedema.

Objective: 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.

Track: Dermatology

Objective: Review some of the evidence for the non-pharmacologic (integrative medical) approach to asthma management, including complementary medicine (CM), lifestyle and mind-body strategies; discuss some of the practical and safety issues involved, i.e. exercise, smoking cessation, diet and lifestyle changes; and recognize how to offer, present and follow these options to patients using a shared decision-making approach.

Track: Asthma and Respiratory/Sleep Disorders

W28 Atopic Dermatitis In-depth

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

Mark Boguniewicz, MD, FAAAAI and

Peter A. Lio, MD

This workshop will discuss an 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.

Objective: Outline an evidence-based therapeutic ladder for management of atopic dermatitis; and recognize pitfalls in successful management/reasons for treatment failure.

Track: Dermatology

Monday, November 14

W27 Management of Asthma: Beyond Just Medications

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

Don A. Bukstein, MD, FAAAAI and

Gailen D. Marshall, MD, PhD, FAAAAI

Conventional asthma management has provided significant symptomatic relief for asthma sufferers, although most asthma outcomes have not changed in the past two decades. However, many patients are increasingly seeking to reduce medication dosage by using a lifestyle change/integrative medicine approach to their asthma management. This incorporates lifestyle interventions, psychological approaches and complementary therapies. The informed allergist must play a vital role in supervision, educating patients about valid and safe treatment options, decision making, and supporting legitimate patient empowerment in their own management. At this session, an evidence-based, integrative approach that offers the best potential outcomes for doctor, patient and family will be discussed. This is a unique workshop on the non-pharmacologic approach to asthma management, including complementary medicine.

W29 Alcohol, Marijuana, Hookah and Additive Allergies

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

Hannelore A. Brucker, MD, FAAAAI and

David R. Naimi, DO

This workshop will review food additive hypersensitivity 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, marijuana and hookahs, including genetic variations of enzymes that degrade these substances. This workshop should help sharpen the diagnostic skills for analyzing allergic-type reactions to these substances.

Objective: Discuss the many aspects of allergic and pseudo-allergic reactions to alcohol and come to the realization that water pipe (hookah) smoking is not harmless; recognize the implications of cannabis and food additive allergy; and recognize the impact of cannabis use on the lungs.

Track: Environmental and Integrative Medicine

Workshops

Separate Registration Fee • Admission by Ticket Only

W30 Hyper IgE and Hypereosinophilia: When to Worry and How to Evaluate

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Patricia C. Fulkerson, MD, PhD and
Princess Ogbogu, MD*

This workshop will use case presentations to highlight hypereosinophilic disorders' presentation, evaluation, and treatment. Practicing allergists may not feel comfortable with this area.

Objective: Recognize clinical manifestations of hypereosinophilic disorders; and choose appropriate diagnostic tests in the evaluation of hypereosinophilia.

Track: Clinical Immunology and Autoimmune and Biologicals

W31 Delayed Hypersensitivity Drug Reactions: Dilemmas in Diagnosis and Treatment

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*David A. Khan, MD, FAAAAI and
Eric M. Macy, MD, FAAAAI*

Drug reactions and the evaluation and management of them remain a niche for the allergist. The evaluation of delayed drug eruptions via patch testing and intradermal testing is a useful tool for allergists.

Objective: Discuss common delayed drug hypersensitivity reactions presenting to the allergist/immunologist; and describe how to perform drug skin testing, including intradermal and patch testing.

Track: Dermatology

W32 Eosinophilic Esophagitis and Other Swallowing Disorders

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Seema S. Aceves, MD, PhD 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 will review the differential diagnosis of swallowing disorders.

Objective: Discuss the pathophysiology and differential diagnosis of eosinophilic esophagitis (EoE) and other similar swallowing disorders; and discuss the diagnostic options and evolving treatments for EoE.

Track: Food & Drug Allergy and GI Disorders

W33 Primary Immune Deficiency: Antibiotics and Other Treatments

1:00 – 3:00 pm

Fee: \$80 (FITs: \$35). Limit 50.

*Mark M. Ballou, MD, FAAAAI and
Francisco A. Bonilla, MD, PhD*

Laboratory evaluation of the immune system is very important for many practitioners. There are new types of immune evaluations, which many allergists may not be aware of for their patients.

Objective: Interactively discuss a patient with recurrent respiratory infections and the appropriate office evaluation; appreciate the importance of antibiotic prophylaxis in the management of immunodeficiency; and recognize the current and evolving treatments for primary immune deficiency.

Track: Clinical Immunology and Autoimmune and Biologicals

W34 Allergies in Infants and Very Young Children

1:00 – 3:00 pm

Fee: \$80 (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, atopic dermatitis, urticaria and allergic rhinitis in infants and young children.

Objective: 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.

Track: Population Health and Infectious Diseases/ International Travel

Thursday Practice Essentials: Immunotherapy and Practice Management

Thursday, November 10 • 8:00 am – 4:00 pm
Separate Registration Fee • Admission by Ticket Only

8:00 – 11:00 am

Practice Essentials: Immunotherapy From Noon Until Tomorrow

Moderator: John J. Oppenheimer, MD, FAAAAI

This session will focus on the importance of immunotherapy as a major part of the practice of allergy, including a historical perspective, evidence-based review of currently available immunotherapy strategies, and a look to the future for novel applications of immunotherapy for both respiratory and food allergies.

Track: Immunotherapy and Diagnostics

8:00 am	Welcome and Introductions Stephen A. Tilles, MD, FAAAAI	10:20 am	Food OIT, EPIT and More Kari C. Nadeau, MD, PhD
8:05 am	Immunotherapy Coming of Age: A Hundred Years and We're Just Getting Started Harold S. Nelson, MD, FAAAAI	10:45 am	Questions and Discussion Part 2
8:35 am	Using SCIT and SLIT in Clinical Practice Stephen R. Durham, MD	11:00 am	Adjourn
9:05 am	Questions and Discussion Part 1		
9:15 am	Refreshment Break		
9:30 am	The Future: Conventional SCIT With Adjuvants Jonathan Corren, MD		
9:55 am	The Future Is Now: Peptide Immunotherapy Mark Larche, PhD		

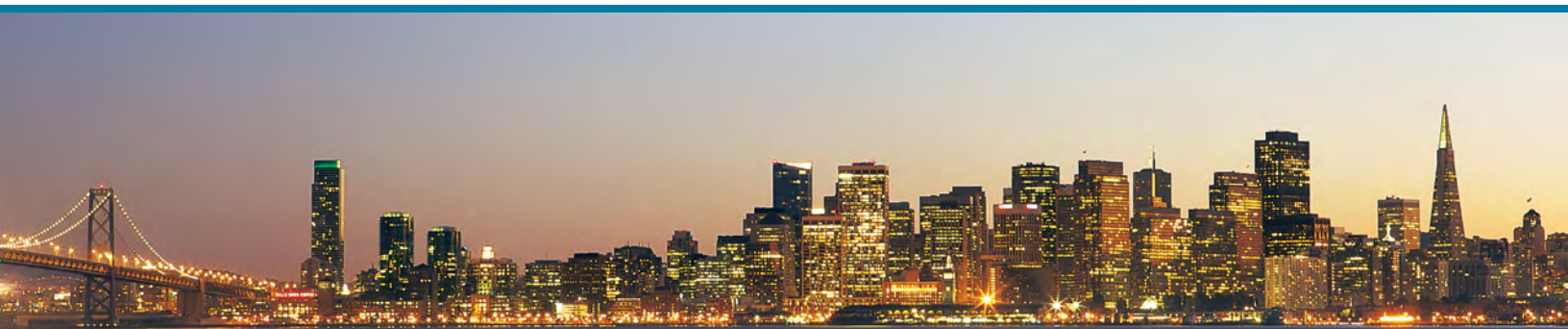
Learning Objectives

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

- Discuss the early concepts of immunotherapy and how what we currently do was based on the research of Noon.
- Review current indications for subcutaneous and sublingual immunotherapy and best practice of allergen immunotherapy.
- Discuss prospective innovations in allergy immunotherapy.

11:00 am – noon
Lunch Break (on own)

Continues next page



Thursday Practice Essentials: Immunotherapy and Practice Management

Thursday, November 10 • 8:00 am – 4:00 pm
Separate Registration Fee • Admission by Ticket Only

Noon – 4:00 pm

Practice Essentials: Practice Management Boot Camp

Moderator: Stanley M. Fineman, MD, MBA, FAAAAI

This course will include six 30-minute talks that highlight important practice management topics. Each speaker will be able to direct the audience to the many practice management resources available on the AAAAAI website, including courses, suggested forms and manuals.

Track: Practice Management/Professional Issues

Noon	Billing and Coding for the Allergist: Why This Is Critical for Our Bottom Line Gary N. Gross, MD, FAAAAI	3:05 pm	What Can We Learn From Practice Financial Survey Data: How Does My Practice Measure Up? Michael S. Blaiss, MD, FAAAAI
12:30 pm	How Will Regulatory Changes Impact Our Practice: MACRA/MIPS/APM and USP J. Allen Meadows, MD, FAAAAI	3:35 pm	Questions and Discussion Part 2
1:00 pm	AAAAAI's New Alternative Payment Model: Shifting From Volume to Value and Quality James M. Tracy, DO, FAAAAI	4:00 pm	Adjourn
1:30 pm	Questions and Discussion Part 1		
1:50 pm	Refreshment Break		
2:05 pm	What Can an Allergist Learn From Their Office Manager: How Can We Help Them Help Us? Kay Tyler, BS, BA, MBA		
2:35 pm	Improving the Bottom Line: Can Marketing Help? Stanley M. Fineman, MD, MBA, FAAAAI		

Learning Objectives

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

- Describe the proper coding for appropriate billing to optimize reimbursement.
- Discuss the new payment models and understand how other regulatory changes are impacting allergy practice.
- Interpret allergy-specific compensation and production data (RVUs); analyze allergists' beliefs on fairness in compensation and career satisfaction; and critique allergists' productivity in the workplace.

6:00 – 8:00 pm
Non-CME Corporate Forums

Friday Annual Literature Review

7:30 am – 3:45 pm

Separate Registration Fee • Admission by Ticket Only

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

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

Chair: David A. Khan, MD, FAAAAI

To help you keep abreast of the latest clinical developments in allergy and immunology, AAAAAI 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 2015 and August 2016, with emphasis on clinical relevance. Faculty includes allergy-immunology training program directors and specialists in practice.

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

Moderator: David A. Khan, MD, FAAAAI

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

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

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 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.

Friday General Sessions

8:30 – 10:30 am

Breakfast Symposium

Leading the Pack: Allergists as Anaphylaxis Experts

Moderator: Anne K. Ellis, MD, MSc, FAAAAI

Allergists should be the experts in the management of anaphylaxis, yet many have different approaches to in-office management of allergic reactions, and debate about the relevance of biphasic reactions still occurs. One can see from polls about how allergists manage certain areas of anaphylaxis treatment that there is great discrepancy and controversy as to the proper approach, and often approaches taken are not substantiated by the available literature. Thus, there is a need to educate allergists about best practices for in-office preparedness, outpatient action plans, and best current data about the risk of biphasic reactions, so that we are giving best advice to our patients.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

8:30 am	Welcome and Introductions Anne K. Ellis, MD, MSc, FAAAAI
8:35 am	In-office Preparedness for Anaphylaxis Dana V. Wallace, MD, FAAAAI
9:05 am	Anaphylaxis Action Plans for Patients: What Is Best Practice Stanley M. Fineman, MD, MBA, FAAAAI
9:35 am	Biphasic Anaphylaxis: What Do We Really Know? Anne K. Ellis, MD, MSc, FAAAAI
10:05 am	Questions and Discussion
10:30 am	Adjourn

Learning Objectives

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

- Describe minimum equipment needed in an allergist's office to manage anaphylactic reactions when they occur.
- Consider using a patient-oriented anaphylaxis preparedness questionnaire as an educational tool for patients at risk of anaphylaxis.
- Discuss the pros and cons of available anaphylaxis outpatient action plans and describe in general terms the current state of the literature with respect to biphasic reactions in terms of incidence rates and predictors.

11:30 am – 1:30 pm

Luncheon Symposium

Early Recognition and Effective Management of Hereditary Angioedema

Moderator: Michael E. Manning, MD, FAAAAI

This symposium will utilize an interactive, case- and discussion-based format to provide attendees with cutting-edge medical education in a peer-to-peer discussion format. The program will engage health care providers by linking discussion of the latest scientific data with its application in the clinical setting.

Track: Dermatology

11:30 am	Welcome and Introductions Michael E. Manning, MD, FAAAAI
11:35 am	HAE Overview Bruce L. Zuraw, MD, FAAAAI
12:05 pm	Case Study I: Accurate Diagnosis of HAE Marc A. Riedl, MD, MS
12:30 pm	Case Study II: On-demand Treatment of Angioedema Joshua S. Jacobs, MD
1:05 pm	Questions and Discussion
1:30 pm	Adjourn

Learning Objectives

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

- Utilize guideline-based clinical criteria and testing for the accurate diagnosis of patients with HAE.
- Review the underlying enzymatic pathways involved in the pathogenesis of HAE.
- Describe available therapies used to treat acute attacks of HAE and discuss available therapies for short- and long-term prophylaxis in patients with HAE.

Friday General Sessions

11:45 am – 12:20 pm

NOT FOR CREDIT

ABAI Update: Recent Changes to the ABAI MOC Program

The ABAI Directors have been hard at work making changes to the MOC program based on a survey of its diplomates. Come and hear about these changes based on the survey responses.

Track: Other

Stephen I. Wasserman, MD, FAAAAI

Learning Objectives

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

- Describe the changes in the MOC program made in response to the ABAI survey of its diplomates.
- Optimize their MOC learning experience.

1:30 – 3:30 pm

Symposium

The Use of Biologics in Severe Asthma

Moderator: Alan B. Goldsobel, MD, FAAAAI

Allergist-immunologists attending this symposium will learn: 1) the biological characteristics of patients with severe asthma; 2) how best to use immunologic and physiologic testing in the care of patients with severe asthma; 3) how to develop treatment plans which individualize care for each severe asthma patient; and 4) new biologic therapies that are available for certain patients with asthma.

Track: Asthma and Respiratory/Sleep Disorders

- 1:30 pm **Welcome and Introductions**
Alan B. Goldsobel, MD, FAAAAI
- 1:35 pm **Severe Asthma Mechanisms and Unmet Needs**
Mario Castro, MD, MPH
- 2:05 pm **Targeting IgE, IL-5 and IL-4/13**
Prescott Woodruff, MD
- 2:35 pm **Upstream Targets: IL-33, TSLP, IL-25**
Larry Borish, MD, FAAAAI

3:05 pm **Questions and Discussion**

3:30 pm **Adjourn**

Learning Objectives

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

- Discuss the biologic mechanisms underlying asthma and which are targets for biologic therapy.
- Describe the characteristics of patients who would be candidates for the newly approved biologic therapies for asthma.
- Discuss the biology of asthma and which new inflammatory mediators are candidates for new biologic therapies.

3:00 – 6:00 pm
Exhibit Hall Open

3:30 – 4:00 pm
Refreshment Break in Exhibit Hall

3:30 – 6:00 pm
Electronic Poster Presentations

NOT FOR CREDIT

Friday General Sessions

4:00 – 5:00 pm

Pro/Con Debate

The LEAP Study Results Should Be Applied to Foods Other Than Peanuts

Moderator: Trever Burnett, MD

This pro/con debate will explore evidence behind early introduction of foods other than peanut in an effort to serve as primary prevention of food allergy. The session will highlight emerging evidence and knowledge gaps, and provide attendees with up-to-date clinical knowledge regarding management of infants at risk for food allergy.

Track: Food & Drug Allergy and GI Disorders

- 4:00 pm **Pro: The LEAP Study Results Should Be Applied to Foods Other Than Peanuts**
Katrina Allen, MD, PhD
- Con: The LEAP Study Results Should Be Applied to Foods Other Than Peanut**
Amal H. Assa'ad, MD, FAAAAI

Learning Objectives

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

- Recommend early feeding practices for infants at risk for development of food allergy.
- Recognize current evidence and knowledge gaps regarding primary prevention of food allergy.

4:00 – 6:00 pm

Symposium

Diagnosis and Treatment of Primary Immune Deficiency

Moderator: John M. Routes, MD, FAAAAI

This session will discuss updates regarding hematopoietic cell transplantation for primary immune deficiencies, newborn screening for severe combined immune deficiency and gene therapy for severe combined immune deficiency. Advances in these areas will be presented.

Track: Clinical Immunology and Autoimmune and Biologicals

- 4:00 pm **Welcome and Introductions**
John M. Routes, MD, FAAAAI
- 4:05 pm **What Can the Primary Immune Deficiency Treatment Consortium Do for You?**
Morton J. Cowan, MD
- 4:35 pm **Newborn Screening for SCID: Where Are We Now?**
Jennifer Puck, MD
- 5:05 pm **Gene Therapy for Primary Immune Deficiency**
Maria G. Roncarolo, MD
- 5:35 pm **Questions and Discussion**
- 6:00 pm **Adjourn**

Learning Objectives

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

- Discuss the use of hematopoietic cell transplantation for primary immune deficiencies.
- Describe the current status of newborn screening for severe combined immune deficiency and its impact on patient care.
- Discuss advances in gene therapy to treat combined immune deficiency.

Friday General Sessions

4:00 – 6:00 pm

Symposium

WAO/ACAAI International Symposium: Hot Topics on Allergy – An International Perspective

Moderators: Bryan L. Martin, DO, MMAS, FAAAAI and Mario A. Sanchez-Borges, MD

This session will provide an international perspective on hot topics in allergy, including characteristics, treatment profiles and the role of biotherapeutics in the treatment of severe asthma; analysis of the latest information regarding epidemiological data on anaphylaxis, including current trends in hospital admissions and mortality; discussion of comorbidities in patients with chronic urticaria and discussion of clinical and laboratory markers indicating more severe disease in patients with chronic urticaria.

4:00 pm **Welcome and Introductions**
Mario A. Sanchez-Borges, MD and
Bryan L. Martin, DO, MMAS, FAAAAI

4:05 pm **Cytokine-cytokine Receptor Inhibition in
Severe Asthma**
Lanny J. Rosenwasser, MD, FAAAAI

4:35 pm **Epidemiology of Anaphylaxis**
Ignacio J. Ansotegui, MD

5:05 pm **Severity and Prognostic Factors in Patients
With Chronic Spontaneous Urticaria**
Mario A. Sanchez-Borges, MD

5:35 pm **Questions and Discussion**

6:00 pm **Adjourn**

Learning Objectives

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

- Recognize the characteristics and treatment profiles of severe asthma and the role of biotherapeutics in the treatment of severe asthma.
- Analyze the latest information regarding epidemiological data of anaphylaxis, including current trends in hospital admissions and mortality.
- Discuss comorbidities present in patients with chronic urticaria and present clinical and laboratory markers indicating more severe disease in patients with chronic urticaria.

4:00 – 6:00 pm

Town Hall Meeting Hosted by House of Delegates

NOT FOR
CREDIT

All Meeting Attendees Are Welcome • Beer, Wine and Cheese Reception

The Town Hall Meeting, brought to you by the House of Delegates, 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:

Annual Report to Delegates
Maeve E. O'Connor, MD, FAAAAI
Speaker of the ACAAI
House of Delegates

Advocacy Council Update
J. Allen Meadows, MD, FAAAAI
Chair of the Advocacy Council

Washington Update
Bill Finerfrock
Chief Governmental Affairs
Consultant at Capitol Associates

4:45 – 6:00 pm

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

6:00 – 9:30 pm

**American Association of Allergists
and Immunologists of Indian Origin (AAAI)
Annual Meeting and Dinner Symposium**

NOT FOR
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6:00 – 8:00 pm

Non-CME Corporate Forums

8:30 – 10:30 pm

Non-CME Corporate Forums

Saturday General Sessions

Opening Ceremony and Welcome Announcements

8:00 – 8:30 am



Bryan L. Martin, DO, MMAS, FAAAAI
President



Stephen A. Tilles, MD, FAAAAI
President-Elect and Program Chair



Mrs. Lelia Sublett
Alliance President

8:30 – 10:30 am

Plenary Session

Keynote Session: Preserving the Essence of Practicing Allergy

Moderator: Stephen A. Tilles, MD, FAAAAI

The keynote plenary session will begin by presenting cutting-edge data applicable to immunotherapy treatment decisions and exploring the realities of changes in the delivery of health care as they apply to allergists in practice. Special attention will be devoted to strategies for preserving personal well-being and career satisfaction while adapting to change.

Track: Immunotherapy and Diagnostics

8:30 am **Welcome and Introductions**
Stephen A. Tilles, MD, FAAAAI

8:35 am **John P. McGovern Lecture**



**Sublingual vs. Subcutaneous Immunotherapy:
A Randomized
Controlled Trial**
Stephen R. Durham, MD

9:05 am **Why Reinvention of the Doctor-Patient Relationship is the Key to Physician-led Health Care Reform**
Mark T. O'Hollaren, MD, FAAAAI

9:35 am **Keynote Presentation**



The Care in Caring: Finding What is Timeless in an Era of Change
Abraham Verghese, MD, MACP

10:15 am **Questions and Discussion**

10:30 am **Adjourn**

Learning Objectives

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

- Describe the latest evidence comparing the efficacy of SLIT and SCIT.
- Appreciate recent changes in the health care landscape as they apply to the daily lives and well-being of allergists in practice.
- Reaffirm the value of direct contact between allergists and their patients, including as a source of long-term career satisfaction.

9:45 am – 4:00 pm
Exhibit Hall Open

10:30 – 11:00 am
Electronic Poster Presentations

NOT FOR CREDIT

10:30 – 11:00 am
Refreshment Break in Exhibit Hall

10:35 – 11:00 am
Product Theaters

NOT FOR CREDIT

Saturday General Sessions

11:00 am – 12:30 pm

Plenary Session **MOC/CME**

Life and Diet for Infants After LEAP

Moderator: Amal H. Assa'ad, MD, FAAAAI

This session will provide information on how to identify children at highest risk for the development of peanut allergy who would most benefit from early peanut introduction, how to manage early peanut introduction in children at high risk for the development of peanut allergy, and current evidence regarding potential for early introduction as a preventative strategy for other foods.

Track: Food & Drug Allergy and GI Disorders

- 11:00 am **Welcome and Introductions**
Amal H. Assa'ad, MD, FAAAAI
- 11:05 am **Do the LEAP Results Extend to Other Foods?**
Katrina Allen, MD, PhD
- 11:30 am **Infants at Risk for Peanut Allergy**
Kirsten Beyer, MD
- 11:55 am **What Does the Future Hold: Clinical Guidelines and Research in Food Allergy**
Alkis Togias, MD, FAAAAI

12:20 pm **Questions and Discussion**

12:30 pm **Adjourn**

Learning Objectives

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

- Identify which children are at highest risk of developing peanut allergy and of receiving the most benefit from early peanut introduction as a food allergy preventative strategy.
- Recommend means for facilitating safe introduction of peanut.
- Recommend strategies regarding the timing of introduction of other potential food allergens in the infant diet.

12:30 – 1:30 pm
Visit Exhibits (Lunch on own)

12:30 – 3:30 pm
Doctors' Job Fair

12:30 – 1:30 pm
Electronic Poster Presentations

NOT FOR CREDIT

12:35 – 1:30 pm
Product Theaters

NOT FOR CREDIT

Saturday General Sessions

1:30 – 3:00 pm

Plenary Session

The Great Raft Debate: The Best Treatment for Food Allergy Is...

Moderators: Maeve E. O'Connor, MD, FAAAAI and Richard W. Weber, MD, FAAAAI

In this session, a variety of strategies for managing food allergies will be presented in a debate format. Each speaker is charged with presenting an evidence-based case for establishing his/her assigned treatment strategy as the best one for practicing allergists to choose when consulting with patients in their practices.

Track: Food & Drug Allergy and GI Disorders

1:30 pm

Welcome and Introductions

Maeve E. O'Connor, MD, FAAAAI and
Richard W. Weber, MD, FAAAAI

Epicutaneous Immunotherapy

David M. Fleischer, MD, FAAAAI

Oral Immunotherapy

Kari C. Nadeau, MD, PhD

Primary Prevention

Kirsten Beyer, MD

Stay the Course

Matthew Greenhawt, MD, MSc, MBA, 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 effectiveness of advising food avoidance and providing an anaphylaxis action plan.
- Describe new food allergy treatments that are likely to be FDA-approved in the next 5 years.
- Describe current primary prevention strategies and how additional primary prevention efforts may lead to a reduction in the prevalence of food allergy.

3:00 – 3:30 pm

Ice Cream and Refreshment Break in Exhibit Hall

3:05 – 3:30 pm

Product Theaters

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3:00 – 3:30 pm

Electronic Poster Presentations

NOT FOR
CREDIT



Saturday General Sessions

3:30 – 4:30 pm

Pro/Con Debate

Preschool Child With Acute Episodic Wheeze Should Be Treated With Oral Corticosteroids

Moderator: Bradley E. Chipps, MD, FAAAAI

While there is abundant data to support oral corticosteroids therapy for asthma exacerbations among school-age children and adults, a growing number of studies have questioned the utility of this intervention for preschool children with acute episodic wheeze. This debate will include stimulating evidence-based discussion of this highly important question.

Track: Asthma and Respiratory/Sleep Disorders

3:30 pm

Pro: Preschool Child With Acute Episodic Wheeze Should Be Treated With Oral Corticosteroids

Miles M. Weinberger, MD, FAAAAI

Con: Preschool Child With Acute Episodic Wheeze Should Be Treated With Oral Corticosteroids

Avraham Beigelman, MD, MSCI

Learning Objectives

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

- Discuss the current evidence regarding the efficacy of oral corticosteroids as a therapy for acute episodic wheeze among preschool children.

- Describe the limitations of the current studies investigating oral corticosteroids efficacy among preschool children.

- Propose when and for whom oral corticosteroids should be used.

3:30 – 5:30 pm

Symposium **MOC/CME**

Integrative Medicine in Allergy Practice: Evidence-based Complementary Modalities

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

Participants will become aware of CAM modalities, resources and references, and feel more confident in discussing these modalities with their patients.

Track: Environmental and Integrative Medicine

3:30 pm

Welcome and Introductions

Maeve E. O'Connor, MD, FAAAAI

3:35 pm

Nutritional Concerns in Allergy Practice: Calories, Vitamins and Inflammation

Renata J.M. Engler, MD, FAAAAI

4:05 pm

Stress, Mindfulness and the Allergic Patient

Gailen D. Marshall, MD, PhD, FAAAAI

4:35 pm

Physical Conditioning and Immunity: Applications to Allergy Practice

Randy J. Horwitz, MD, PhD

5:05 pm

Questions and Discussion

5:30 pm

Adjourn

Learning Objectives

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

- Describe the importance of good nutrition – calories, vitamins, minerals and the impact of deficiencies/imbbalances on allergic inflammatory pathways.

- Describe the approaches for assessment of stress and how mindfulness can be taught in office.

- Describe the rationale for an integrative approach to care that addresses the whole patient. This approach includes nutrition and supplements, exercise, stress reduction and acupuncture.

5:00 – 7:00 pm

25th Annual FIT Bowl Competition

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7:00 – 7:45 pm

AAAAI Awards Ceremony

7:45 – 9:00 pm

President's Welcome Reception

Sunday Meet the Professor Breakfasts

7:00 – 8:15 am

Fee: \$50 (FITs: \$25) • Limit 30 • Admission by Ticket Only

A continental breakfast will be provided.

S1 Food Allergy Diagnosis in the Office: Testing and Challenges

*J. Andrew Bird, MD, FAAAAI and
Julie Wang, MD, FAAAAI*

This will be an interactive session where participants will discuss the role of component-resolved diagnosis (CRD) in food allergy, identifying situations when CRD could provide additional diagnostic value and interpreting results. We will review the current literature and have case discussions.

Objective: Describe protein cross-reactivity between food and inhalant allergens; identify patient characteristics for which component testing would be informative; and discuss predictive values of component testing for food allergens.

Track: Food & Drug Allergy and GI Disorders

S2 Contact Dermatitis: Hips, Lips, Lotions and Potions

*Sharon E. Jacob, MD and
Howard I. Maibach, MD*

This session will focus on the common contact allergens that are encountered by exposure to medical devices, prostheses, cosmetics and lotions. A case based approach will set the stage for an interactive learning experience.

Objectives: Describe the top five allergens, along with associated devices and prosthesis categories (such as surgical preparation, metals, plastics, antibiotics, and post-operative care products); and discuss the impact of fragrances and preservatives in cosmetic and personal hygiene products.

Track: Dermatology

S3 Eosinophilia: When to Worry and How to Evaluate

*Sameer K. Mathur, MD and
Princess Ogbogu, MD*

This session will focus on evaluation of patients with eosinophilia and how to determine whether hypereosinophilic syndrome is the cause.

Objective: Discuss causes of eosinophilia; and describe testing to evaluate and characterize hypereosinophilic syndrome.

Track: Clinical Immunology and Autoimmune and Biologicals

S4 Mast Cell Activation Syndromes

*Fred H. Hsieh, MD, FAAAAI and
Lawrence B. Schwartz, MD, PhD, FAAAAI*

This session will cover the diagnosis and treatment of a variety of mast cell-related diseases, including cutaneous mastocytosis, systemic mastocytosis, and the mast cell activation syndrome.

Objective: Utilize the current diagnostic criteria for mast cell activation syndrome to care for patients with possible mast cell-related disease; and implement available therapeutics to alleviate symptoms related to mast cell disease.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

S5 Office Evaluation of Drug Allergies: How to Test Beyond Pen G and Prepen

*Rebecca S. Gruchalla, MD, PhD and
Eric M. Macy, MD*

This session will discuss commonly-seen drug intolerances and management strategies.

Objective: Determine the risk of direct rechallenge; and discuss what testing is useful prior to rechallenge.

Track: Food & Drug Allergy and GI Disorders

S6 The Ins and Outs of VCD

*Andrej A. Petrov, MD, FAAAAI and
Stephen A. Tilles, MD, FAAAAI*

Vocal cord dysfunction can mimic or coexist with asthma. A delay in VCD diagnosis can lead to increased morbidity and health care utilization.

Objective: Recognize various VCD presentations; and learn how to diagnose VCD with and without laryngoscopy.

Track: Asthma and Respiratory/Sleep Disorders

S7 Laboratory Evaluation of Immunodeficiency

*Mark M. Ballou, MD, FAAAAI and
Thomas A. Fleisher, MD, FAAAAI*

Laboratory testing is critical to the diagnosis of primary immune deficiencies. Participants will learn approaches for evaluating patients with suspected immune deficiency.

Objective: Use specific approaches to apply appropriate laboratory testing for patients with suspected immune deficiency based on medical history and physical exam.

Track: Clinical Immunology and Autoimmune and Biologicals

Sunday Meet the Professor Breakfasts

S8 Newborn Screening for SCID: What to Do When the State Calls

*Jennifer Puck, MD and
John M. Routes, MD, FACAAI*

Session will provide an update on newborn screening using TRECs for SCID, as well as provide a diagnostic algorithm to employ when positive results occur. Participants will gain knowledge about interpretation of results, causes of false positives, and which tests to order to follow up.

Objective: Describe how TRECs are utilized to screen for SCID; recognize causes of false positive newborn screening results; and order appropriate diagnostic tests to follow up on positive newborn screenings.

Track: Clinical Immunology and Autoimmune and Biologicals

S9 Novel Therapies for Chronic Urticaria/Angioedema

*Jonathan A. Bernstein, MD, FACAAI and
Marc A. Riedl, MD, MS*

Most cases of angioedema are clearly either histaminergic or non-histaminergic and treatment is devised accordingly. However sometimes patients with non-histaminergic angioedema show symptoms of mast cell activation and also respond to inhibitors of mast cell mediators. We will discuss avenues of mast cell activation in both forms of angioedema.

Objective: Recognize the presentations of histaminergic and non-histaminergic angioedema; describe pathways of inflammation leading to these forms of angioedema; and utilize this knowledge in optimizing treatment of angioedema.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

S10 How to Incorporate Social Media into Your Practice

*Melinda M. Rathkopf, MD, FACAAI and
David R. Stukus, MD, FACAAI*

Patients are using social media in increasing numbers. Many physicians do not understand or recognize the benefit of social media for their practice or professional development. This session will introduce the basics and review benefits and potential pitfalls for allergists becoming more active in social media.

Objective: Explain the basics of social media terminology and differences in various outlets; increase their involvement in social media; and appreciate the benefits and potential risks of increasing one's social media profile.

Track: Practice Management/Professional Issues



Sunday General Sessions

6:15 – 8:15 am

Breakfast Symposium

Immunotherapy Coming of Age

Moderator: Ira Finegold, MD, FAAAAI

Allergists are the experts in immunotherapy. This session will assist allergists in understanding the history of immunotherapy and focusing on optimizing present therapies as well as likely future modalities beyond standard SCIT and SLIT. It will also address the lack of knowledge regarding the optimization of allergy immunotherapy by stressing practice guidelines and discussing recent literature regarding hopeful future forms of immunotherapy.

Track: Immunotherapy and Diagnostics

- | | |
|---------|--|
| 6:15 am | Welcome and Introductions
Ira Finegold, MD, FAAAAI |
| 6:20 am | What Separates Allergists From Other Specialists?
Harold S. Nelson, MD, FAAAAI |
| 6:55 am | Current Best Practices
Michael R. Nelson, MD, PhD, FAAAAI |
| 7:35 am | The Future of Immunotherapy
Anne K. Ellis, MD, MSc, FAAAAI |
| 8:05 am | Questions and Discussion |
| 8:15 am | Adjourn |

Learning Objectives

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

- Discuss the early concepts of immunotherapy and how what we currently do is based on the research of Cooke and his colleagues.
- Review current indications for subcutaneous immunotherapy and best practice of allergen immunotherapy.
- Review current indications for sublingual immunotherapy and best practice of allergen immunotherapy.



Sunday General Sessions

8:30 – 10:00 am

Plenary Session **MOC/CME**

Practical Advice for the Diagnosis/Management of Drug Allergy

Moderator: David A. Khan, MD, FAAAAI

The majority of patients reporting penicillin allergy are not truly allergic. Avoidance of penicillin/beta-lactam antibiotics leads to using broader-spectrum, more expensive antibiotics. Rapid desensitization pursued unnecessarily also results in higher costs. This session will allow participants to optimize evaluations of patients reporting drug allergies, leading to improved, cost-effective care.

Track: Food & Drug Allergy and GI Disorders

- 8:30 am **Welcome and Introductions**
David A. Khan, MD, FAAAAI
- 8:35 am **Drug Intolerance or Drug Allergy:
Critical Role of the Allergist**
Aleena Banerji, MD
- 9:00 am **Cost-effectiveness in Approaching
Drug Allergy**
Eric M. Macy, MD
- 9:25 am **Cephalosporins Are Not Penicillins**
Roland Solensky, MD, FAAAAI
- 9:50 am **Questions and Discussion**
- 10:00 am **Adjourn**

Learning Objectives

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

- Optimize the evaluation of a patient reporting a drug allergy using a focused history.
- Discuss cost effective methods for using skin testing and drug challenge to evaluate patients reporting a drug allergy.
- Understand when cephalosporins can be used safely despite a history of PCN allergy.

9:45 am – 2:00 pm
Exhibit Hall Open

10:00 – 10:30 am
Refreshment Break in Exhibit Hall

9:45 am – 10:30 am
Electronic Poster Presentations

**NOT FOR
CREDIT**

10:05 – 10:30 am
Product Theaters

**NOT FOR
CREDIT**

Sunday General Sessions

10:30 am

Bela Schick Lecture

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



"MOC" k-e-y Mouse – Is MOC Really "Mickey Mouse" for the Allergist?

Mark L. Corbett, MD, FAAAAI

This lecture will include discussion of controversial issues other boards have with MOC. It will also discuss changes in ABAI MOC and how these can potentially help your practice.

Track: Practice Management/Professional Issues

Learning Objectives

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

- Recognize how ABAI truly functions as an organization.
- Learn the differences between ABAI and other ABMS boards.
- Learn potential benefits to practice by participating in MOC.

11:00 am – 12:30 pm

Plenary Session **MOC/CME**

Meeting the Needs of Distinctive Patient Populations: Pregnancy, the Underserved and Adolescents

Moderator: David R. Stukus, MD, FAAAAI

This session will include three talks addressing the unique role that allergies and asthma contribute to these populations: underserved, pregnant women and adolescents transitioning to college. This session will raise awareness, address unique challenges for each population and help the audience develop targeted interventions for their practice.

Track: Population Health and Infectious Diseases/International Travel

11:00 am

Welcome and Introductions

David R. Stukus, MD, FAAAAI

11:05 am

Managing Asthma, Rhinitis and Anaphylaxis During Pregnancy

Michael Schatz, MD, MS, FAAAAI

11:30 am

Managing Asthma in Inner Cities and Other Disadvantaged Populations

Wanda Phipatanakul, MD, MS, FAAAAI

11:55 am

Daniel J. Goodman Lecture



Safely Transitioning the Food Allergic Patient to College

David R. Stukus, MD, FAAAAI

12:20 pm

Questions and Discussion

12:30 pm

Adjourn

Learning Objectives

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

- Integrate new strategies and resources into their practice to help patients from at-risk populations such as the inner city and underserved areas.
- Recognize the ways in which pregnancy may affect asthma, rhinitis and anaphylaxis.
- Prepare their adolescent patients with food allergies and asthma to successfully transition to college.

12:30 – 1:30 pm

Visit Exhibits (Lunch on own)

12:35 – 1:30 pm

Product Theaters

NOT FOR CREDIT

12:30 – 1:45 pm

Electronic Poster Presentations

NOT FOR CREDIT

1:30 – 3:30 pm

Concurrent Sessions

Sunday General Sessions

1:30 – 3:30 pm

Symposium **MOC/CME**

What to Do When Asthma Does Not Respond to Step 3 Treatment

Moderator: Todd A. Mahr, MD, FAAAAI

This session will focus on the biologic characteristics of severe asthma and ACOS and why patients fail to respond to traditional therapies. Newer management strategies will be discussed, including pharmacologic therapies and the use of bronchial thermoplasty.

Track: Asthma and Respiratory/Sleep Disorders

1:30 pm	Welcome and Introductions Todd A. Mahr, MD, FAAAAI
1:35 pm	Treatment Choices for Asthma/COPD Overlap Syndrome R. Stokes Peebles, MD, FAAAAI
2:05 pm	Anticholinergics and Phosphodiesterase Inhibitors for Asthma: Where Do We Stand? Stephen Peters, MD, PhD
2:35 pm	Bronchial Thermoplasty: Where to Position in Practice Mario Castro, MD, MPH
3:05 pm	Questions and Discussion
3:30 pm	Adjourn

Learning Objectives

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

- Recognize the asthma-COPD overlap syndrome and differences between the two separate conditions.
- Discuss which patients would best respond to anticholinergic and phosphodiesterase inhibitor therapy.
- Describe risks and benefits of therapy with bronchial thermoplasty.

3:30 – 4:00 pm
Refreshment Break

4:00 – 5:00 pm

San Francisco 5k Fun Walk/Run

Registration Required • Fee \$30

Join us for a 5k fun walk/run, which will begin at the Marriott, wind along the Embarcadero to Pier 26 and then end back at the Marriott..

Sunday General Sessions

4:00 – 5:00 pm

Pro/Con Debate

Antihistamines Should Be Removed From Anaphylaxis Action Plans

Moderator: Todd A. Mahr, MD, FAAAAI

This pro/con debate will highlight controversies in allowing antihistamines to be a treatment option for patients who are at risk for anaphylaxis.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

4:00 pm **Pro: Antihistamines Should Be Removed From Anaphylaxis Action Plans**

John J. Oppenheimer, MD, FAAAAI

Con: Antihistamines Should Be Removed From Anaphylaxis Action Plans

Jay M. Portnoy, MD, FAAAAI

Learning Objectives

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

- Describe the role of epinephrine in the management of anaphylaxis.
- Discuss the risks and benefits of having diphenhydramine as treatment option for anaphylaxis.
- Develop an anaphylaxis action plan they deem most appropriate for their practice.

4:00 – 6:00 pm

Symposium

Immunoglobulin Replacement for the Allergist: Update on Guidelines

Moderator: Vivian P. Hernandez-Trujillo, MD, FAAAAI

Immunoglobulin replacement therapy is the recommended therapy for antibody deficiencies. IG replacement can also be used as an immune-modulator to treat other autoimmune disorders. Recent practice guidelines will be discussed to update allergist-immunologists on current recommendations for immunoglobulin replacement and management of therapy and adverse effects.

Track: Clinical Immunology and Autoimmune and Biologicals

4:00 pm **Welcome and Introductions**
Vivian P. Hernandez-Trujillo, MD, FAAAAI

4:05 pm **Appropriate Uses of Immunoglobulin Replacement**
Mark M. Ballow, MD, FAAAAI

4:35 pm **Immunoglobulin Replacement: When, By What Route and How Much?**
Elena E. Perez, MD

5:05 pm **Managing Adverse Reactions to Immunoglobulin Therapy**
Jordan Orange, MD, PhD, FAAAAI

5:35 pm **Questions and Discussion**

6:00 pm **Adjourn**

Learning Objectives

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

- Discuss identification of patients for treatment with immunoglobulin replacement.
- Discuss proper administration of immunoglobulins and selection of route of administration.
- Discuss the management of adverse effects secondary to immunoglobulin replacement.

Monday Meet the Professor Breakfasts

6:30 – 7:45 am

Fee: \$50 (FITs: \$25) • Limit 30 • Admission by Ticket Only

A continental breakfast will be provided.

M1 Nuts and Bolts of Food Desensitization: Is It Right for Your Office?

Whitney Block, NP and

Tina L. Dominguez, PA-C, MMS

Allergists need to consider food allergy treatment as part of their practice. This session is designed to teach attendees the “how to” of food OIT in a private office setting.

Objective: Assess the suitability of the attendee’s practice to begin food OIT; and begin to establish food OIT procedures in the attendee’s practice.

Track: Food & Drug Allergy and GI Disorders

M2 Office Evaluation of Chronic Cough

Bradley E. Chipps, MD, FAAAAI and

Mandel R. Sher, MD

This session will review the diagnostic and therapeutic approach to adults with chronic cough, including the concept of cough reflex hypersensitivity, along with anatomic causes.

Objective: Discuss cough reflex hypersensitivity as a core causation of adult chronic cough, including therapeutic approach; and review the role of anatomic causes and triggers of adult chronic cough, including GERD, upper and lower airways, including diagnosis and therapy.

Track: Asthma and Respiratory/Sleep Disorders

M3 ASA Desensitization: How and When to Add to Your Practice

Michael E. Manning, MD, FAAAAI and

Andrew A. White, MD, FAAAAI

Learn how to implement aspirin challenges and desensitization into clinical practice. This session will focus on AERD and acute urticaria related to aspirin and NSAIDs.

Objective: Learn the various protocols associated with successful aspirin challenge/desensitization; and learn the clinical situations in which aspirin challenges and desensitization can be beneficial.

Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis

M4 Approach to the Pediatric Patient With Recurrent Infections

Morna J. Dorsey, MD, MMSc and

Sean A. McGhee, MD

This session will help attendees recognize the pattern of infections that prompts a workup for primary immunodeficiency and be able to conduct a basic immune workup and interpret findings.

Objective: Recognize the pattern of infections that prompts a workup for primary immunodeficiency; and conduct a basic immune workup and interpret findings.

Track: Population Health and Infectious Diseases/International Travel

M5 Treatment of Immunodeficiency: Selecting the Appropriate Product and Route of Administration

I. Celine Hanson, MD, FAAAAI and

Gerald B. Lee, MD

Bring your difficult cases and questions to this interactive session that will compare the different management options for immunodeficiency, particularly immune globulin replacement.

Objective: Compare and contrast intravenous and subcutaneous immune globulin replacement: the indications, products, frequency, dosing and monitoring; and troubleshoot common problems in immune globulin replacement.

Track: Clinical Immunology and Autoimmune and Biologicals

M6 SLIT: How and When?

Anne K. Ellis, MD, MSc, FAAAAI and

Joshua S. Jacobs, MD

This session will provide practical advice on patient selection and practicalities of prescribing and dosing sublingual immunotherapy, with a focus on the newly FDA-approved SLIT Tablets.

Objective: Describe the process for initiating, administering and monitoring SLIT in patients with AR; and discuss practicalities of SLIT administration and monitoring.

Track: Immunotherapy and Diagnostics

Monday Meet the Professor Breakfasts

M7 Assessment of Food-specific Quality of Life in Patients With Food Allergies

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

Attendees will be able to recognize and appreciate that quality of life is variably affected in patients with food allergy and their families and conduct quality of life assessments in patients with food allergy and their families.

Objective: Appreciate that quality of life is variably affected in patients with food allergy and their families; and recognize the instruments available to assess quality of life and how these instruments are used.

Track: Food & Drug Allergy and GI Disorders

M8 Perioperative Anaphylaxis

*Jonathan A. Bernstein, MD, FAAAAI and
Gerald W. Volcheck, MD, FAAAAI*

This session will discuss the differential diagnosis of reactions in the operating room and appropriate evaluation and management for patients, especially when they require further anesthesia.

Objective: Discuss the differential diagnosis of reactions in the operating room; and discuss appropriate evaluation and management for patients, especially when they require further anesthesia.

Track: Food & Drug Allergy and GI Disorders

M9 Severe Asthma: Where Biologics Fit

*Theresa W. Guilbert, MD, MS and
Lanny J. Rosenwasser, MD, FAAAAI*

This session will review the definition of severe asthma, describe emerging biologics in the treatment algorithms surrounding severe asthma, and define the relevance of fungal infection in the lungs and in severe asthma.

Objective: Describe the definition of severe asthma; describe emerging biologics in the treatment algorithms surrounding severe asthma; and define the relevance of fungal infection in the lungs and in severe asthma.

Track: Asthma and Respiratory/Sleep Disorders

M10 Chronic Urticaria

*Marianne Frieri, MD, PhD, FAAAAI and
David M. Lang, MD, FAAAAI*

After participation, the learner will be able to relate an evidence-based approach to diagnosis and management of patients with chronic urticaria, including anti-IgE therapy for management of refractory, antihistamine-resistant chronic urticaria.

Objective: Relate an evidence-based approach to diagnosis and management of patients with chronic urticaria, including anti-IgE therapy for management of refractory, antihistamine-resistant chronic urticaria; and discuss the management of chronic urticaria to include refractory areas, antihistamines and anti-IgE.

Track: Dermatology



Monday General Sessions

8:00 – 9:30 am

Plenary Session **MOC/CME**

Immunity Gone Bad

Moderator: Lisa J. Kobrynski, MD, MPH, FAAAAI

Allergist-immunologists need to be knowledgeable about the possible non-infectious complications in their immunodeficient patients. This session will focus on understanding the mechanisms of autoimmunity in primary immune deficiencies and the role of the inflammasome, providing practitioners with knowledge to assist with the recognition of these complications and the prescription of the appropriate disease-modifying medications.

Track: Clinical Immunology and Autoimmune and Biologicals

8:00 am **Welcome and Introductions**
Lisa J. Kobrynski, MD, MPH, FAAAAI

8:05 am **The Paradox of Coexisting Primary Immune Deficiency and Autoimmunity**
Thomas A. Fleisher, MD, FAAAAI

8:30 am **Bernard Berman Memorial Lecture**



The Role of the Inflammasome in Immunity and Disease
Hal M. Hoffman, MD

8:55 am **Immunity Gone Bad: Treatments Beyond Prednisone**
Lori Broderick, MD, PhD

9:20 am **Questions and Discussion**

9:30 am **Adjourn**

Learning Objectives

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

- Recognize and treat the autoimmune complications of primary immunodeficiency.
- Describe the role of the inflammasome in innate immunity and disease.
- Describe autoimmune complications and autoinflammatory syndromes and the use of biologics in their treatment.

9:30 – 10:30 am

Annual Business Meeting

All Registrants Invited • Refreshments Will Be Provided

Bryan L. Martin, DO, MMAS, FAAAAI Presiding

Monday General Sessions

10:30 am – noon

Plenary Session **MOC/CME**

Asthma in 2016: Advances in Understanding Origin, Presentation and Approaches to Management

Moderator: Chitra Dinakar, MD, FAAAAI

The role of respiratory viruses and the respiratory microbiome in patients who have persistent asthma is an important topic in understanding the origin of asthma. This discussion will form the basis for recognizing various treatment modalities that may be applied to children with mild to moderate asthma. This will lead into a discussion of how biologics should be appropriately used in the treatment of asthma that does not respond to GINA Step 3, 4 and 5 care, as well as the pros and cons of the two classes of biologic agents that are available.

Track: Asthma and Respiratory/Sleep Disorders

10:30 am	Welcome and Introductions Chitra Dinakar, MD, FAAAAI
10:35 am	How Do Viruses and Bacteria Cause Asthma? James Gern, MD
11:00 am	Tailoring Treatment to Phenotype in Children With Mild to Moderate Asthma Leonard B. Bacharier, MD, FAAAAI
11:25 am	Cost-effective Use of Biologics: Allergists Must Lead the Way John J. Oppenheimer, MD, FAAAAI
11:50 am	Questions and Discussion
Noon	Adjourn

Learning Objectives

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

- Describe the role of viruses and bacteria in asthma inception and how infectious agents could serve as potential targets for asthma prevention.
- Discuss common asthma phenotypes among preschool children and how treatment response to common asthma therapies may be different among these phenotypes.
- Appropriately identify who will benefit from biologic therapy to decrease burden of disease in a cost-effective manner.

Noon – 1:00 pm
Lunch (on own)

1:00 – 3:00 pm
Concurrent Sessions

3:00 – 3:30 pm
Refreshment Break

Monday General Sessions

3:30 – 5:00 pm

Plenary Session **MOC/CME**

Modern Therapies for Allergic Skin Diseases

Moderator: Luz S. Fonacier, MD, FAAAAI

This session covers current and emerging therapies for atopic dermatitis, especially the most difficult ones. Newer biologics are developed or being developed for atopic dermatitis and pruritus. There is an increasing role of the allergist in the management of eczemas and contact dermatitis. Crucial to this role is an understanding of the intricacies of patch testing and the common chemical sensitizers found in cosmetics, household products and in various occupational settings.

Track: Dermatology

3:30 pm	Welcome and Introductions Luz S. Fonacier, MD, FAAAAI
3:35 pm	Atopic Dermatitis: Where Do We Stand in 2016? Lawrence F. Eichenfield, MD
4:00 pm	The Evolving Role of the Allergist in the Diagnosis of Contact Dermatitis Luz S. Fonacier, MD, FAAAAI
4:25 pm	All That Itches Is Not Atopic Dermatitis Gil Yosipovitch, MD
4:50 pm	Questions and Discussion
5:00 pm	Adjourn

Learning Objectives

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

- Determine appropriate treatment options and which biologic therapies will benefit patients with atopic dermatitis.
- Discuss the evolving role of the allergist in the diagnosis of contact dermatitis.
- Discuss the approach to patients with pruritus and identify new treatment modalities which will be useful to treat pruritus and other allergic skin diseases.

5:00 pm

2016 Annual Scientific Meeting Adjourns

Fellows-in-Training Programs

All Fellows-in-Training are encouraged to participate in the following special activities designed to meet their unique needs and interests. Friday's FIT General Meeting includes the presentations and election of a Fellow-in-Training representative to the Board of Regents. All of the activities shown on this page, as well as plenary sessions and symposia, are included with general registration.

Friday

3:30 – 5:30 pm

FIT Educational Program

Moderators: Sarah W. Spriet, DO and Tammy Peng, MD

The goal of this educational session is to provide the Fellows-in-Training with two engaging and interactive lectures which address multiple core competencies. The first lecture will address mentoring and leadership skills. The second lecture will provide an opportunity to increase medical knowledge and patient care.

Track: Practice Management/Professional Issues

- 3:30 pm **Welcome and Introductions**
Sarah W. Spriet, DO and Tammy Peng, MD
- 3:35 pm **Exploring Leadership, Mentoring and Broadening Opportunities in Medicine**
Michael R. Nelson, MD, PhD, FAAAAI
- 4:30 pm **Diagnosing and Managing Patients With Drug Allergy**
David A. Khan, MD, FAAAAI
- 5:15 pm **Questions and Discussion**
- 5:30 pm **Adjourn**

Learning Objectives

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

- Describe the role of mentors in medical education and professional development; identify characteristics of effective leaders, teachers and mentors and discuss strategies to optimize the participant's own effectiveness in these areas.
- Explain the role of diagnostic testing in the evaluation of drug allergy; discuss the principles and practical application of drug challenges and desensitizations.

5:30 – 6:30 pm

FIT General Meeting

6:30 – 7:30 pm

FIT Welcome Reception

Saturday

6:30 – 7:45 am

Fellows-in-Training/ Allergy-Immunology Program Directors' Breakfast

12:30 – 3:30 pm

Doctors' Job Fair

5:00 – 7:00 pm

25th Annual FIT Bowl Competition

7:00 – 7:45 pm

ACAAI Awards Ceremony

7:45 – 9:00 pm

President's Welcome Reception

Sunday

12:30 – 1:30 pm

Fellows-in-Training/ Allergy-Immunology Program Directors' Luncheon

Friday Office Administrators Practice Management Course

8:00 am – 4:00 pm

Separate Registration Fee • Admission by Ticket Only



Moderator: Kay Tyler, BS, BA, MBA

Target Audience: Office practice administrators/managers, nurse managers and other clinical staff responsible for practice management activities, new and established allergist-immunologists in private practice, employed allergists and FITs.

Track: Practice Management/Professional Issues

8:00 am	Welcome and Introductions Kay Tyler, BS, BA, MBA	10:45 am	Marketing Your Practice and Prioritizing Marketing Options Katie Crosby and Robin Panethere, ABJ This session will cover how to develop a marketing plan: what are must-haves and nice-to-haves in a marketing plan; what are the most cost effective ways to market your practice; how to monitor, utilize, and improve social media; and how do you know marketing is working.
8:05 am	Patient-centered Care: Providing Excellence From Start to Finish Richard L. Wasserman, MD, PhD, FACAAl This session will review a patient's journey through an allergist's office, from phone call to first visit to shot room to billing department, and patient expectations along the way; how to relay, educate and communicate necessary information that a patient can understand and is quick, easy and excellent too.	11:30 am	Lunch (on own)
8:55 am	Nuts and Bolts of Practice Financial Management Marshall P. Grodofsky, MD, FACAAl and John Milewski, FACMPE This session will review the basic principles of financial management, including revenue cycle management and financial analysis metrics; and the development and maintenance of financial systems required to run a profitable practice.	1:00 pm	Human Resources for Employee Relations: Every Practice Should Have One Patricia S. Cunnane What should "Human Resources" look like in a small practice (must-haves); how to safeguard your culture while dealing with the ever-changing culture of employees; how to protect your practice from employment-related claims (unemployment, discrimination); how to hire and retain the best.
9:45 am	Refreshment Break	1:45 pm	New Technology to Improve Retention and Compliance Ron Hartley, BA, CAC III We'll review recent studies on patient retention and practice loyalty. Attendees will gain an increased understanding of what drives and motivates patients, and how they can use the latest technology to keep patients engaged and compliant while increasing staff efficiency.
10:00 am	The Changing World of Regulations and Payment Models: An Advocacy Council Update J. Allen Meadows, MD, FACAAl This session will provide an update on the activities of the Advocacy Council and review the implications of MACRA legislation, including MIPS and APMs.	2:30 pm	Refreshment Break

Continues next page

Friday Office Administrators Practice Management Course *(continued)*

- 2:45 pm **Futuristic View From an Allergist: Crystal Ball Shows Fog Ahead!**
Michael B. Foggs, MD, FAAAAI
This session will discuss current and future trends in payments and incentives; what is changing within the clinical practice of allergy; what are strategies to stay ahead of the curve and keep afloat.
- 3:30 pm **Questions and Discussion**
- 4:00 pm **Adjourn**

Learning Objectives

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

- Identify patient expectations throughout entire encounter; and improve service and patient satisfaction by identifying patient needs.
- Explain basic financial management metrics; and summarize the importance of financial controls in a practice.
- Summarize implications of MACRA legislation; summarize features and timeline of MIPS and APM programs; and discuss important changes at the national level that impact practice management.
- Develop a basic marketing plan; and assess options to deliver best results from spending marketing money.
- Develop a basic Human Resources plan; and recognize and address employment-related issues.
- Implement strategies to increase patient loyalty and compliance.
- Interpret information to plan ahead for clinical or reimbursement changes; and relay trends to staff to keep abreast of all developments within allergy specialty.

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



Friday Advanced Practice Health Care Providers Course

8:00 am – 12:30 pm

Separate Registration Fee • Admission by Ticket Only

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 7.25 contact hours.

Track: Practice Management/Professional Issues

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

Moderator: Charlotte M. Jacobsen, MSN, RN

8:00 am **Welcome and Introductions**
Deidra H. Sanders, RN, MSN, APRN, FNP-BC

8:05 am **Is It Asthma? Is It COPD? Or Is It ACOS (Asthma-COPD Overlap Syndrome)?**
Mary Lou Hayden, RN, MS, FNP-BC, AE-C
Many patients with breathlessness and chronic obstructive lung disease are diagnosed with either asthma, COPD, or – frequently – mixed disease. We review the similarities and differences in clinical characteristics between these disorders and their physiologic and inflammatory profiles within the context of the aging patient. This lecture will underscore the difficulties in differentiating asthma from COPD in current or former smokers, share our institutional experience with overlap syndrome, and highlight the need for new research to better characterize and investigate this important clinical phenotype.

Track: Asthma and Respiratory/
Sleep Disorders

8:55 am **Food Allergy Update on Oral and Epicutaneous Immunotherapy**
Kari C. Nadeau, MD, PhD
Food allergy and immunotherapy and epicutaneous immunotherapy involves a very measured and specific introduction of the allergenic food to the patient in an orderly manner. In recent presentations of the data, the OIT studies have been able to temporarily desensitize many patients. A review of the most current research into the protocol for this type of desensitization, its efficacy and side effects and what is known of the permanence of this therapy will be discussed.

Track: Food & Drug Allergy and GI Disorders

9:45 am **Refreshment Break**

10:00 am **Literature Review: Select Highlights of Important Clinical Practice Issues**
Cheryl K. Bernstein, BSN, RN, CCRC
Kimberly G. Clay, RN, MSN, APRN, FNP-BC
Deidra H. Sanders, RN, MSN, APRN, FNP-BC
The ever-changing landscape of allergy as a specialty merits a review of important clinical and professional topics, which are presented in a series of three presentations ranging from research summarization to legislative changes affecting practice.

10:50 am **Precision Medicine in Asthma: What It Is and What It Means to Our Practice and Patients**
Robert F. Lemanske, MD, FAAAAI
Precision medicine is an emerging approach for disease treatment and prevention that takes into account individual variability in genes, environments, and lifestyle for each person. While some advances in precision medicine have been made, the practice is not currently in use for most diseases.

11:40 am **Corticosteroids: The Good, Bad and Future for Our Patients on Systemic and Topical Steroids**
David P. Skoner, MD, FAAAAI
Recent data suggests that with the use of ICS in children, practitioners may not be stepping down patients as appropriate per the guidelines and that systemic side effects of steroids are a real possibility in select patients. Clinicians should be aware.

Track: Asthma and Respiratory/
Sleep Disorders

12:20 pm **Questions and Discussion**

12:30 pm **Lunch** (on own)

Continues next page

Friday Advanced Practice Health Care Providers Course *(continued)*

Learning Objectives

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

- Define ACOS; and describe signs, symptoms (including spirometry) and treatment of ACOS.
- Summarize published updates on immunotherapy for food allergy; and discuss protocols, side effects and efficacy for this novel type of therapy.
- Evaluate several key articles presented in the past year's literature which have implications for improving practice; discuss emerging issues in the delivery of allergy care with review of federal and state laws regarding the USP chapter 797; and discuss what each practice should do to be in compliance with the new regulations.
- Discuss the initiative of precision medicine as it attempts to utilize data-driven information, viewing health as an intersection of human biology, behavior, genetics, environment, data science and computation, and much more to produce new knowledge with the goal of developing more effective ways to prolong health and treat disease.
- Review the recent studies suggesting the importance of steroid use in children; and define measures for best practice in managing children with asthma, including the consideration of those also receiving nasal and topical steroids.



Friday Advanced Practice Health Care Providers Course (*continued*)

1:30 – 4:45 pm

Separate Registration Fee • Admission by Ticket Only

Interactive Concurrent Workshops

1:30 – 3:00 pm

AP1 Patch Testing From A to Z

B. Gwen Carlton, DNP, FNP-BC, AE-C

As more patients with allergic contact dermatitis seek care from allergists, patch testing has become an area of interest in the field of allergy. This workshop will discuss the clinical indications, the methods for testing, along with result interpretation, and the patient needs associated with positive patch tests.

Track: Dermatology

AP2 Prescription and Nonprescription Therapy: The Good, the Bad, the Ugly

*Maureen George, PhD, RN, AE-C, FAAN and
Christine W. Wagner, RN, MSN, CPNP, AE-C*

As patients are increasingly prescribed polypharmacy by a number of providers as well as self-administering over-the-counter medications, it becomes increasingly more important to recognize side effects, risks and benefits of combination therapies.

Track: Population Health and Infectious Diseases/
International Travel

AP3 Chronic Urticaria, Angioedema and HAE

*David I. Bernstein, MD, FAAAAI and
Mary Lou Hayden, RN, MS, FNP-BC, AE-C*

This session will include description of presenting signs, symptoms and pathophysiology of CU, angioedema and HAE; identification of essential and contributory diagnostic laboratory testing in the workup of these patients; and discussion of pharmacologic and nonpharmacologic treatment plans for managing urticaria and angioedema.

Track: Dermatology

3:00 pm Refreshment Break

3:15 – 4:45 pm

AP4 Patch Testing From A to Z

B. Gwen Carlton, DNP, FNP-BC, AE-C

As more patients with allergic contact dermatitis seek care from allergists, patch testing has become an area of interest in the field of allergy. This workshop will discuss the clinical indications, the methods for testing, along with result interpretation and the patient needs associated with positive patch tests.

Track: Dermatology

AP5 Prescription and Nonprescription Therapy: The Good, the Bad, the Ugly

*Maureen George, PhD, RN, AE-C, FAAN and
Christine W. Wagner, RN, MSN, CPNP, AE-C*

As patients are increasingly prescribed polypharmacy by a number of providers as well as self-administering over-the-counter medications, it becomes increasingly more important to recognize side effects, risks and benefits of combination therapies.

Track: Population Health and Infectious Diseases/
International Travel

AP6 Chronic Urticaria, Angioedema and HAE

*David I. Bernstein, MD, FAAAAI and
Mary Lou Hayden, RN, MS, FNP-BC, AE-C*

This session will include description of presenting signs, symptoms and pathophysiology of CU, angioedema and HAE; identification of essential and contributory diagnostic laboratory testing in the workup of these patients; and discussion of pharmacologic and nonpharmacologic treatment plans for managing urticaria and angioedema.

Track: Dermatology

4:45 pm Adjourn

Continues next page

Friday Advanced Practice Health Care Providers Course *(continued)*

Learning Objectives

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

- AP1/AP4 – Describe the types of patients who would benefit from patch testing; interpret results of patch testing; and provide patient education.
- AP2/AP5 – Compare and contrast the evidence for effectiveness to the risk of treatment in common prescription and nonprescription allergy/asthma therapies; and provide patient education regarding the risks and benefits of each recommendation.
- AP3/AP6 – Describe presenting signs, symptoms and pathophysiology of CU, angioedema and HAE; identify essential and contributory diagnostic laboratory testing in the workup of these patients; and discuss pharmacologic and nonpharmacologic treatment plan for managing urticaria and angioedema.

4:45 – 6:00 pm

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



Saturday Allied Health Professionals Course

8:00 am – 12:15 pm

Separate Registration Fee • Admission by Ticket Only

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 10.75 contact hours.

Track: Practice Management/Professional Issues

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

- 8:00 am **Welcome and Introductions**
Deidra H. Sanders, RN, MSN, APRN, FNP-BC
- 8:05 am **The Obese Asthmatic: Is Weight Control Really Our Job?**
Christine W. Wagner, RN, MSN, CPNP, AE-C
The relationship between obesity and asthma control has gained much attention in recent years. While many asthma providers may feel addressing obesity is not their job, reducing weight has consistently been shown to improve asthma control. This presentation will cover how to address obesity as related to asthma control.
Track: Asthma and Respiratory/Sleep Disorders
- 9:00 am **Clinical Implications of Asthma Phenotypes**
Michael Schatz, MD, MS, FAAAAI
Recognition of the heterogeneity of asthma and the advent of new and promising management, including biological, on the horizon lends itself to an interesting discussion of the present and future direction of our management of these individuals.
Track: Clinical Immunology and Autoimmune and Biologicals
- 9:55 am **Refreshment Break**

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

- 10:10 am **More Than an "Ouch:" Evaluation and Management of the Venom Allergic Patient**
Theodore M. Freeman, MD, FAAAAI
Allergic reaction to stinging insect venom has long been a unique area of expertise for allergists. Venom allergy evaluation and management is a potentially life-saving therapy for a number of individuals, and the practice parameters continue to guide this expert care.
Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis
- 11:05 am **Update on Managing Allergic Rhinitis**
Stanley M. Fineman, MD, MBA, FAAAAI
Allergic rhinitis continues to be the primary reason for seeking allergy care. Both time-tested SCIT and SLIT have proven to improve quality of life for those who suffer from allergic diseases. The trend of growing antibiotic resistance is in part due to over and inappropriate prescribing patterns.
Track: Rhinitis/Sinusitis/Ocular and Anaphylaxis
- Noon **Questions and Discussion**
- 12:15 pm **Lunch (on own)**

Learning Objectives

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

- Describe the link between obesity and asthma; develop tools to provide patient education regarding that link; and identify appropriate referrals for the obese asthmatic.
- Identify different phenotypes in asthma; discuss the clinical implications for management related to the various phenotypes; and review novel therapies and future direction of biologicals in the management of asthma among diverse populations.
- Evaluate the history of stinging insect reaction; review the differences in types of stinging insect categorization; and describe stinging insect evaluation and management.
- Explore the treatment options for managing allergic rhinitis optimally; develop appropriate patient education for each type of SLIT therapy currently being used; and discuss the use and overuse of antimicrobial therapy in sinusitis.

Continues next page

Saturday Allied Health Professionals Course *(continued)*

1:30 – 4:45 pm

Separate Registration Fee • Admission by Ticket Only

Interactive Concurrent Workshops

1:30 – 3:00 pm

AHP1 Increasing Your Competence in Special Testing Procedures and Office Therapeutics

Christopher D. Miller, MD

Update your knowledge of special testing procedures such as penicillin, stinging insect, local anesthetics, ASA desensitization and immunotherapy options of cluster and rush immunotherapy.

Track: Immunotherapy and Diagnostics

AHP2 Nuts and Bolts of Spirometry Interpretation *Concettina Tolomeo, DNP, APRN, FNP-BC, AE-C*

This session will include discussion of when and how to utilize pulmonary function testing in the context of clinical symptoms and diagnoses; how to apply knowledge of the actual test performance to both the patient and technician when coaching spirometry; and how to recognize abnormal spirometry measurements and validity of testing.

Track: Asthma and Respiratory/Sleep Disorders

AHP3 Impacting the Comorbidities of Allergic Disease: Patient-focused Care for Sinusitis, EOE, GERD

B. Gwen Carlton, DNP, FNP-BC, AE-C

The importance of managing comorbidities associated with asthma and rhinitis is a factor for consideration in gaining control of chronic disease. Patients need appropriate diagnoses of these conditions, as well as the information and tools to improve self-management.

Track: Population Health and Infectious Diseases/
International Travel

AHP4 Interesting Dermatological Cases in Allergy Practice *Karen L. Gregory, DNP, APRN, CNS, RRT, AE-C, FAARC*

Increasingly, patients present to allergy practices with primary dermatological complaints. The evaluation and management of these cases can be a challenge. An update on some typical and less typical cases will allow insight into better recognition and management of these individuals.

Track: Dermatology

3:00 pm Refreshment Break

3:15 – 4:45 pm

AHP5 Increasing Your Competence in Special Testing Procedures and Office Therapeutics

Christopher D. Miller, MD

Update your knowledge of special testing procedures such as penicillin, stinging insect, local anesthetics, ASA desensitization and immunotherapy options of cluster and rush immunotherapy.

Track: Immunotherapy and Diagnostics

AHP6 Nuts and Bolts of Spirometry Interpretation *Concettina Tolomeo, DNP, APRN, FNP-BC, AE-C*

This session will include discussion of when and how to utilize pulmonary function testing in the context of clinical symptoms and diagnoses; how to apply knowledge of the actual test performance to both the patient and technician when coaching spirometry; and how to recognize abnormal spirometry measurements and validity of testing.

Track: Asthma and Respiratory/Sleep Disorders

AHP7 Impacting the Comorbidities of Allergic Disease: Patient-focused Care for Sinusitis, EOE, GERD

B. Gwen Carlton, DNP, FNP-BC, AE-C

The importance of managing comorbidities associated with asthma and rhinitis is a factor for consideration in gaining control of chronic disease. Patients need appropriate diagnoses of these conditions, as well as the information and tools to improve self-management.

Track: Population Health and Infectious Diseases/
International Travel

AHP8 Interesting Dermatological Cases in Allergy Practice *Karen L. Gregory, DNP, APRN, CNS, RRT, AE-C, FAARC*

Increasingly, patients present to allergy practices with primary dermatological complaints. The evaluation and management of these cases can be a challenge. An update on some typical and less typical cases will allow insight into better recognition and management of these individuals.

Track: Dermatology

4:45 pm Adjourn

Continues next page

Saturday Allied Health Professionals Course *(continued)*

Learning Objectives

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

- AHP1/AHP5 – Review the indications for each type of testing procedure or therapeutic; and discuss reactions and/or anaphylaxis management associated with these procedures.
- AHP2/AHP6 – Describe when and how to utilize pulmonary function testing in the context of clinical symptoms and diagnoses; apply knowledge of the actual test performance to both the patient and technician when coaching spirometry; and recognize abnormal spirometry measurements and validity of testing.
- AHP3/AHP7 – Describe the common comorbid conditions seen in the asthma and allergy office; and educate patients on how to best self-manage these conditions.
- AHP4/AHP8 – Discuss a variety of dermatological manifestations seen in allergy practice; differentiate allergic, contact, irritant and other possible etiologies for the myriad complaints of dermatological disease; and discuss management to include the most current topicals utilized for both acute and chronic management.



Sunday Allied Health Professionals Course

8:00 am – 12:15 pm

Separate Registration Fee • Admission by Ticket Only

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 10.75 contact hours.

Track: Practice Management/Professional Issues

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

Moderator: Charlotte M. Jacobsen, MSN, RN

8:00 am **Welcome and Introductions**
Deidra H. Sanders, RN, MSN, APRN, FNP-BC

10:10 am **Rethinking What We Teach and When We Teach It: Community-based Allergy and Asthma Care**
Maureen George, PhD, RN, AE-C, FAAN and Helen M. Murphy, BHS, RRT, AE-C
Several novel approaches to assessment of learning needs necessitate we examine our current teaching methods. Additionally, as health care advocates, we must play an important role in interfacing with schools to improve the management of children with chronic disease.

8:05 am **Psychosocial Dynamics With Asthma**
Melissa T. Korenblat-Hanin, ACSW-LCSM
Chronic illness carries both a physical and psychological burden for individuals and families. Integrative health care that focuses on healthy psychological adaption should facilitate better outcomes in the future.

Track: Population Health and Infectious Diseases/International Travel

9:00 am **Leaping into Early Food Introduction**
Jodi A. Shroba, MSN, APRN, CPNP
This session will discuss the new guidelines for early introduction of peanuts and the approaches to early food introduction for at-risk infants.

11:05 am **The Patient With Recurrent Infections: Focusing On The Patient's History, Understanding The Laboratory Testing And Educating The Patient/Family**
Christina E. Ciaccio, MD, FAAAAI
This presentation will review primary immunodeficiency in both children and adults emphasizing the signs and symptoms of immunodeficiency, the tests used to diagnose immunodeficiency, and the management of those with primary immunodeficiency.

Track: Population Health and Infectious Diseases/International Travel

Track: Food & Drug Allergy and GI Disorders

9:55 am **Refreshment Break**

12:00 pm **Questions and Discussion**

12:15 pm **Adjourn**

Learning Objectives

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

- Analyze the variety of coping mechanisms used by children and adults and their families in dealing with chronic allergic illness (allergic rhinitis, asthma, food allergy); describe effective methods to assist individuals and families to develop and support healthy coping strategies; and discuss how anxiety and other psychological adaptation to illness affect adherence to therapy and learning.
- Describe the approaches to early food introduction for at-risk infants.
- Compare and contrast the delivery of asthma education using a new needs-based approach to the conventional disease-based curriculum: inhaler readiness, managing food allergies and managing asthma and anaphylaxis in the community; and identify strategies that improve schools' and students' capability to manage allergic disease.
- Recognize the signs and symptoms of a patient with immunodeficiency and understand the tools used to diagnose these diseases; and review the management strategy for patients with immunodeficiency.

Alliance of the ACAAI Program

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 11 through Monday, November 14 at the San Francisco Marriott Marquis Hotel. We are hard at work selecting interesting speakers for Friday, Saturday and Sunday mornings, as well as a special ACAAI KIDS speaker for Saturday morning.

Friday, November 11

8:00 – 10:30 am

Alliance Hospitality Suite Open

Sunday, November 13

8:00 – 10:30 am

Alliance Hospitality Suite Open

Saturday, November 12

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 hosted by the ACAAI Alliance.

12:30 – 3:00 pm

Alliance Annual Business Meeting
and Luncheon

Registration Required • Fee \$30 • Limit 50

Active members of the Alliance are invited to attend the Annual Business Meeting and Luncheon.

Monday, November 14

8:00 – 10:30 am

Alliance Hospitality Suite Open



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FeNO measurement with NIOX® is reliable,
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IMPORTANT INFORMATION REGARDING NIOX VERO®

NIOX VERO is a portable system for the non-invasive, quantitative, simple and safe measurement of Nitric Oxide (NO) in human breath. Nitric Oxide is frequently increased in some inflammatory processes such as asthma. FeNO measurements provide the physician with means of evaluating an asthma patient's response to anti-inflammatory therapy, as an adjunct to the established clinical and laboratory assessments in asthma. The NIOX VERO is intended for prescription use and should only be used as directed in the NIOX VERO User Manual by trained healthcare professionals. NIOX VERO is suitable for children, approximately 7–17 years, and adults 18 years and older. NIOX VERO cannot be used with infants or by children approximately under the age of 7, as measurement requires patient cooperation. NIOX VERO should not be used in critical care, emergency care or in anesthesiology.

1. Alving K et al. Basic aspects of exhaled nitric oxide. *Eur Respir Mon.* 2010;49:1-31. 2. Dweik RA et al; on behalf of the American Thoracic Society Committee on Interpretation of Exhaled Nitric Oxide Levels (FeNO) for Clinical Applications. An official ATS clinical practice guideline: interpretation of exhaled nitric oxide levels (FeNO) for clinical applications. *Am J Respir Crit Care Med.* 2011;184(5):602-615. 3. Smith AD et al. Use of exhaled nitric oxide measurements to guide treatment in chronic asthma. *N Engl J Med.* 2005;352(21):2163-2173. 4. Powell H et al. Management of asthma in pregnancy guided by measurement of fraction of exhaled nitric oxide: a double-blind, randomised controlled trial. *Lancet.* 2011;378(9795):983-990. 5. Smith AD et al. Exhaled nitric oxide: a predictor of steroid response. *Am J Respir Crit Care Med.* 2005;172(4):453-459. 6. Syk J et al. Anti-inflammatory treatment of atopic asthma guided by exhaled nitric oxide: a randomized, controlled trial. *J Allergy Clin Immunol Pract.* 2013;1(6):639-648. 7. Szefer SJ et al. Management of asthma based on exhaled nitric oxide in addition to guideline-based treatment for inner-city adolescents and young adults: a randomised controlled trial. *Lancet.* 2008;372(9643):1065-1072. 8. Patsky HL et al. Management based on exhaled nitric oxide levels adjusted for atopy reduces asthma exacerbations in children: a dual centre randomized controlled trial. *Pediatr Pulmonol.* 2015;50(6):535-543. 9. Beck-Ripp J et al. Changes of exhaled nitric oxide during steroid treatment of childhood asthma. *Eur Respir J.* 2002;19(6):1015-1019. 10. Delgado-Corcoran C et al. Exhaled nitric oxide reflects asthma severity and asthma control. *Pediatr Crit Care Med.* 2004;5(1):48-52. 11. LaForce C et al. Impact of exhaled nitric oxide measurements on treatment decisions in an asthma specialty clinic. *Ann Allergy Asthma Immunol.* 2014;113(6):619-623. 12. Lester D et al. An investigation of asthma care best practices in a community health center. *J Health Care Poor Underserved.* 2012;23(suppl 3):255-264. 13. Honkoop PJ et al; Asthma Control Cost-Utility Randomized Trial Evaluation (ACCURATE) Study Group. Symptom- and fraction of exhaled nitric oxide-driven strategies for asthma control: a cluster-randomized trial in primary care. *J Allergy Clin Immunol.* 2015;135(3):682-688. 14. National Institute for Health and Care Excellence. Measuring fractional exhaled nitric oxide concentration in asthma: NIOX MINO, NIOX VERO and NObreath. <http://www.nice.org.uk/guidance/dg12>. Zugriff am 31. März 2016. 15. Kapande KM et al. Comparative repeatability of two handheld fractional exhaled nitric oxide monitors. *Pediatr Pulmonol.* 2012;47(6):546-550.

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Social Events

5:00 – 7:00 pm • Saturday

25th Anniversary FIT Bowl Competition

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 2015, 25 teams from the US and Mexico participated at this popular game show.



Drs. Bryan Martin (left) and Kevin Murphy (far right), congratulate Drs. Derek Smith and Katherine Tille on winning the ACAAI FIT Bowl championship for Wilford Hall Medical Center in the highly-competitive 24th annual competition.

6:00 – 7:00 pm • Saturday

Alliance International Reception

International attendees are cordially invited to attend the International Reception hosted by the ACAAI Alliance.

7:00 – 7:45 pm • Saturday

Awards Ceremony

The College invites all registrants to the ACAAI Awards Ceremony on Saturday at the San Francisco Marriott Marquis Hotel. ACAAI will formally welcome our newly-approved Fellows and recognize the recipients of the 2016 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.

7:45 – 9:00 pm • Saturday

President's Welcome Reception

All attendees 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. Plan to join us for this fun-filled event.

6:45 – 10:30 pm • Sunday

Fundraising Event

Don't miss this year's fundraising event featuring MJ Live, the #1 Michael Jackson Tribute Concert in the world. Tickets are available at \$250 each (includes reception and dinner) or \$55 for the performance only. The program will also feature a live auction where some fantastic items will be auctioned off to the highest bidders, with the proceeds going to the ACAAI Foundation. Tickets are required to attend the event.

See pg 60 for additional details.

2016 ACAAI FUNDRAISING EVENT



MJ LIVE

Michael Jackson Tribute Concert

Net proceeds donated to the
ACAAI Foundation

Sunday, Nov. 13 • San Francisco

PRACTICE ADVANCEMENT

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SAN FRANCISCO | NOV 10-14

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