Annual Conference
July 20-22, 2018

Pre-Conference
July 19, 2018

Arizona Grand Resort and Spa
Phoenix, AZ

Assembling the Puzzle of Asthma Education and Treatment

Exhibitor Brochure
Plan your vacation around our conference at the luxurious Arizona Grand Resort and Spa in Phoenix, AZ!

2018 AAE Annual Conference Planning Committee:

Co Chairs:
C. Michael Bowman, PhD, MD
Gregory Metz, MD, AE-C

Traci D. Arney, MN, FNP-C, FAANP, AE-C
Kimberly Reiners DNP, CPNP, AE-C
Lagena Fant CME Coordinator
Maureen George PhD, RN, AE-C, FAAN
Sharon Lemley AE-C, RN
Tina Preston AE-C, RRT
Michael Shoemaker MBA, RRT-NPS, AE-C
Teresa Summe AE-C, RRT
Virginia Thomas AE-C, FNP-BC
Mona Tsoukleris, MS, PharmD
Stacie Waddell, MS, AE-C
Christine W. Wagner APRN, CPNP, FNP-BC, AE-C

AAE Administrators
Heather Smink
Roseann Stadler
Letter from the president

People of many professional backgrounds might look at this brochure and ask themselves, “Is this meeting right for me?” and “Will it be worth my time and financial investment?” In fact, the annual meeting of the Association of Asthma Educators provides a truly unique opportunity for people who work with any aspect of asthma to immerse themselves in discussions of a wide variety of current aspects of asthma care and understanding for 2.5 days. The audience is widely diverse, from students attending professional schools and community health workers to experienced physicians and nurse practitioners who treat patients with asthma every day—along with everyone in between.

The topics at our conference are diverse, but important and are intended to bring new understanding to everyone. Some sessions will be hands-on workshops for relatively inexperienced persons while others will introduce the latest therapeutic advances for asthma care.

With their registration, attendees will receive Category 1 CME credits, nursing credits or CRCE credits for those working in respiratory care. It is not necessary for attendees to have achieved asthma educator certification or to be planning to obtain it, although they are most welcome and will find the program most useful. Simply stated, you don’t need to be an AE-C to attend—you just need a passion for asthma.

A major goal of this event is to provide attendees with practical understanding through which they can improve their day-to-day asthma-related activities. In addition, there will be many opportunities for attendees to network with speakers and other members of the audience and thereby gain contacts for future learning and collaboration. Furthermore, a large number of companies and groups dealing with asthma care and treatments will have display tables with expert personnel ready to answer question and inform attendees about their products and services.

In addition to the conference general session, there will also be a mini-course providing an advance pharmacology update for those needing the latest on new asthma medications and delivery devices.

We hope to see you in Phoenix,

C. Michael Bowman, MD
Conference Co-Chair & President, AAE

Gregory Metz, MD
Conference Co-Chair & Immediate Past President, AAE
Happy Birthday AAE! In 2018, AAE celebrates its 20th year! What started off as an idea among a group of asthma educators and colleagues to fill a need has now grown into the preeminent asthma education organization in the country. We could not have done this without the innovative vision of the founding members, and the tireless efforts of all of you through the years to advance our organization’s mission to improve asthma education.

Founding Members:

Diane Adamski  Maureen George  Carol Jones  Patricia Musto
Mary Kay Bossard  Mary Kay Garcia  Sharon Kast  Brenda Connor Ojevaar
B Gwen Carlton  Mary Lou Hayden  Colleen Lum Lung  Jan Tippett
Kathi Conboy Ellis  Susan J Janson  Berri Mitchell  Christine Wagner

Some of the founding members discuss how and why the organization was founded:

Kathleen Ellis, PhD, ARNP, MSN, MHA, FAAAAI, AE-C Past President
Many of the” Founding Members “had known each other for decades as colleagues at the AAAAAI, ACAAI and ATS. We had been talking about writing a curriculum for asthma educators for many years. At many of these annual meetings we would get together to discuss this and had drafted a curriculum. At the time, we thought we could house our group under the umbrella of AAAAI, or ACAAI, for example. As I look back we not only wanted their Imprimatur, but we wanted to be collegial. Several physicians, may they rest in peace, looked over our work, and suggested it may be more expeditious to strike out on our own, collaborating with our physician colleagues. We had already decided, “Just do it.” Since we wanted our group to be diverse, we hoped to include all disciplines who worked with clients with asthma. So we invited respiratory therapists as founders and quickly added other groups such as pharmacists and social workers that we met later. This meeting was planned quickly! We had a zero budget. We met at my home, people used miles to get here and there was a lot of role reversal. Dr. E. Ellis volunteered to be in charge of transportation and culinary services (translation he ordered out). People came that some of us did not know, and that was fine, as we were trying to be inclusive, and our common denominator was “asthma education”. We got a lawyer pro bono, we all put $250.00 in and here we are 20 years later. The growth in every way has exceeded my expectations, as well as many of the founders, I am sure. See us at a cocktail event and we’ll tell you the “funny stories of running AAE in our home offices with a fax machine and other growing pains we had, but it was well worth it!

Christine Wagner, RN, MSN, CPNP, FNP-BC, AE-C, Past President
January 30th, 1998, started the weekend that started AAE. Actually it started a few months earlier during a dinner in Arizona when Pat Musto sat next to the above mentioned attorney, the
wife of an allergist. The Founding Mothers (yes, that’s right) had been discussing a professional organization for Asthma Educators for at least a year. A proposal was submitted to the American Academy of Allergy, Asthma and Immunology to start an organization under the AAAAI banner, but ultimately it was decided that we would create our own organization. So having found a lawyer who was willing to do pretty much pro bono work for use to set up the 501c3 we decided to meet at the Ellis home to form the organization. Each founding member contributed $250 to start the organization and we received a generous grant from the publishing company Meniscus. That weekend we developed our mission statement, set our goals and elected officers. AAE was up and running!

Maureen George  PhD RN AE-C FAAN AAE, Past President
You may have been asking yourself ‘How did the AAE get into the business of offering a prep course for the asthma certification exam anyway?’ In 2000, after the first board of the National Asthma Educator Certification Board (NAECB) was seated the AAE, a stakeholder in that process, recognized the need for candidate preparation. Wanting to insure that the course was written by certified asthma educators, we waited for the first NAECB exam to be offered in 2001 and then used faculty who has passed the exam to develop and deliver the pilot courses, something that makes us uniquely different than other organizations offering review courses: the AAE course was written and delivered by certified asthma educators. With the faculty identified, I took the lead in securing a $100,000 grant from GlaxoSmithKline which was shared equally by AAE, the Asthma and Allergy Foundation of America (AAFA) and the United Kingdom’s National Respiratory Training Centre (NRTC - now Education for Health) who had recently entered the US market. This grant provided support for national asthma educator experts from the three non-profit organizations to develop content and then deliver two free pilot prep courses one held in Boston and the other in Arizona. The programs attracted a great deal of local support, were well attended and well-reviewed. At the end of the partnership, AAFA decided to focus their future efforts on their proprietary 3-hour guideline-based asthma training for allied health professionals and NRTC decided to focus on developing live spirometry courses and on adapting their proprietary distance learning asthma educator course to a US audience (NRTC has since ceased operating in the US and AAFAs live program has been moved to a virtual platform). This left the template for the prep course with the AAE. Since then the AAE has continually updated and refined the course, and added complementary courses like Becoming an Asthma Educator/Care Manager and the Community Health Worker training in asthma, as well as durable products like manuals, self-study materials and webinars. And it all began with AAE members who had a passion for asthma education.

AAE has come a long way over the years, but there is still more work to be done. Contact AAE to learn how you can get involved. admin@asthmaeducators.org
Hotel Information:

Reservation Method
All reservations for the conference will be made individually by your guests. Please call our on-site reservations department at 877-800-4888 to make reservations.

Please use this online link to complete your registration:
2018 Annual Conference – Administrators Assoc of Asthma Educators

IMPORTANT:
The final date to secure suite accommodations at the contracted rate is June 18th 2018

Room Rates:
The following charges will be applied, per night:
• $149 Suite Rate, plus tax
• $10 Resort Fee, plus tax

Arizona Grand Resort & Spa 8000 S. Arizona Grand Parkway Phoenix, Arizona 85044

FAQ’s about the resort
http://www.arizonagrandresort.com/faqs/

Transportation:
The Arizona Grand Resort & Spa does not facilitate a shuttle to and from the airport. The hotel recommends contacting valet services to assist with transportation arrangements 602-438-9000.

Airport Shuttles
Supershuttle operates 24 hours a day on a scheduled basis offering an airport to door service 602-243-7786

Taxi Services:
AAA Cab 602-437-4000
Allstate 602-275-8888
Discount 602-266-1110
Lobby Grill
The Grill’s casual atmosphere and contemporary comfort cuisine makes it one of Phoenix’s favorite places to kick-back and relax.

The Lobby Grill Hours:
Breakfast 7am-11am
Lunch 11am-2pm
Dinner 5pm-10pm

Lobby Grill is closed 2pm-5pm daily, but the Lunch Menu is available in Lobby Bar

Lobby Bar
The Caribbean-themed Lobby Bar at Arizona Grand Resort & Spa is the perfect gathering place for Phoenix locals and Resort guests.

The Lobby Bar Hours:
Daily 11am – Midnight
*Food service until 10pm

Happy Hour
Monday – Friday 2pm – 6pm

Aunt Chiladas
Serving authentic Mexican fare since 1986, Aunt Chilada’s features over 50 different tequilas, award-winning salsa and patio dining under the stars.

Hours of Operation
Sun – Thurs: 11am – 9pm
Fri – Sat: 11am – 10pm

Rustler’s Rooste
This authentic hilltop steakhouse offers a fun, Old West atmosphere complete with the finest views of the fabulous Phoenix skyline.

Hours of Operation
Daily 5pm – 10pm

Oasis Bar & Grill
Relax with comfort fare and libations amidst the sounds of soothing waves at The Oasis Bar & Grill, lo-cated inside Arizona’s ultimate water adventure.

Hours of Operation
Seasonal – please check with front desk upon check-in

Marketplace Café
The Resort lobby is also home to The Marketplace, which houses the Marketplace Café, the Golf Pro Shop and the Resort Shops. The Marketplace Café, a leading choice for cafes in Phoenix, serves a variety of casual treats. Resort guests can sip Starbucks® refreshments accompanied by fresh pastries, sandwiches and gelato prepared daily at the Marketplace Café. The Resort Shops offer gifts, logo wear, golf attire and sundries.

Hours of Operation
Monday – Thursday 6am-2pm
Friday – Sunday 6am-6pm
Arizona Grand Golf
For over two decades, Arizona Grand Golf Course has supported the rich tradition of the game with its unique links course, featuring panoramic views of the surrounding desert landscape. Dramatic elevation changes and breathtaking mountain vistas highlight the diverse and challenging par 71 layout.

Hours of Operation
Seasonal – please check our website to make an on-line reservation

Arizona Grand Spa
Choose from a wide variety of relaxing and revitalizing spa services and pamper yourself… you de-serve it! We recommend advance reservations for all spa/salon services. Please call (602) 431-6485 or visit us online for your appointment today!

Hours of Operation
Daily 9am – 8pm

Athletic Club
More than 40 energizing classes offered weekly! Try pilates, yoga, spin, H2O aerobics and more! Qualified personal training staff will assist you in developing a personalized plan for all of your fitness needs. Resort guests are invited to participate in ACTIV8 classes and get a sneak peek at what activlab has to offer.

Hours of Operation:
Mon to Fri: 5am – 9pm
Sat & Sun: 6am – 8pm

Oasis Water Park
Voted by the Travel Channel as one of the country's Top 10 Water Parks, families and kids of all ages can spend their days playing in the park’s infinite waves. The entire family can find the perfect combination of fun and relaxation on seven acres of thrilling aquatic recreation.

Hours of Operation
Daily 10:30am – 8pm
Continuing Education

Updated continuing education information will be posted at www.asthmaeducators.org as it becomes available.

TARGET AUDIENCE
The target audience for this event includes physicians, pharmacists, nurses, case managers, respiratory therapists, medical assistants, nurse practitioners, physician assistants, social workers, school nurses, educators, and other health educators working in the community, ambulatory and acute care settings.

Asthma Pharmacology Pre-Conference Session July 19, 2018:
The full-day Pharmacology Pre-conference workshop will provide attendees with the latest information on all things wheezy and itchy. Nationally recognized speakers will deliver state-of-the science pharmacology instruction using innovative small-group educational approaches.
Who should attend? Allied health professionals interested in an intensive course that will enhance pharmacologic management, knowledge and competency. This course will be particularly helpful for nurses, respiratory therapists, clinicians, case managers, asthma educators, nurse practitioners and physician assistants. Please note accreditation statements below.

Annual Conference General Session:
The following apply to conference general session and preconference offerings, July 19-22, 2018:

“This activity has been planned and implemented in accordance with the accreditation requirements and policies of the South Carolina Medical Association (SCMA) through joint provider ship of AnMed Health and Association of Asthma Educators. AnMed Health is accredited by the SCMA to provide continuing medical education for physicians and takes responsibility for the content, quality, and scientific integrity of this CME activity. AnMed Health designates this “live activity” for a maximum of 26.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.”

Nurses will also obtain CME and claim only the credit commensurate with the extent of their participation in the activity.

ACPE This activity is being planned to offer contact hours of credit and is scheduled to take place on July 19–22, 2018. The University Of North Carolina Eshelman School Of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE program 0046–9999–XX–XXX–LXX–P provides TBD contact hours of continuing pharmacy education credit. To receive CE credit, participants must verify attendance, and complete the evaluation form(s) of this program. Participants must provide their name, email address, NABP e–Profile ID, and date of birth (MMDD) to receive credit. Statements of credit can be viewed and printed in CPE Monitor in approximately 2 to 3 weeks. It is the participant’s responsibility to check CPE Monitor to verify credit has been uploaded. If credit is not shown please contact the provider **No partial session credit will be given**

This program is under review for a maximum of 24.25 contact hours Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care, 9425 N. MacArthur Blvd. Suite 100 Irving TX 75063, Course #151314000
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speakers</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am-8:15 am</td>
<td>Welcome, logistics</td>
<td>Maureen George</td>
<td>• Describe the role of therapy based on GINA and EPR-3 recommendations</td>
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<td>8:15-9:15</td>
<td>Overview of the Role of Inhaled Steroids and Bronchodilators in Asthma; Device Selection</td>
<td>Maureen George</td>
<td>• Compare and contrast the mechanism of action and effectiveness of inhaled steroids and bronchodilators for the management of persistent asthma</td>
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<td>• Highlight device characteristics to aid in device selection/matching with patient characteristics</td>
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<tr>
<td>9:15-9:45</td>
<td>Management and Selection of Devices in Infants and Toddlers</td>
<td>Christine Wagner</td>
<td>• Identify concerns with administering asthma medications to young children</td>
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<td>• Describe potential barriers to correct administration of asthma medications in young children</td>
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<td>• Select appropriate devices to assist in medication delivery in young children.</td>
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<tr>
<td>9:45am-10:00am</td>
<td>BREAK</td>
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<tr>
<td>10:00am-11:00am</td>
<td>Management of Severe Asthma Including Biologics and Bronchial Thermoplasty</td>
<td>Karen L. Gregory</td>
<td>• Describe challenges to identifying unmet medical needs in patients with severe asthma requires that clinicians use tests to assess asthma phenotype and treat based on the results of these tests.</td>
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<td>• Describe a consensus on asthma phenotyping and guiding principles for newer biologic therapies and bronchial thermoplasty</td>
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<td>• Discuss the need for practical guidance for clinicians to determine when to use a newer biologic or bronchial thermoplasty.</td>
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<td>11:00-11:30</td>
<td>Management of Drug-Drug and Drug-Herb Interactions</td>
<td>Mona Tsoukleris</td>
<td>• Describe types of drug interactions encountered in practice</td>
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<td>• Identify common drug-drug, drug-herb, herb-disease, and drug-disease interactions encountered in asthma and allergy</td>
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<td></td>
<td>• Explain mechanisms for drug/herb/disease interactions</td>
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<td></td>
<td>• Describe methods for managing drug interactions encountered in asthma/allergy practice</td>
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<td>11:30-12:15</td>
<td>Management of Asthma and Obesity Including Use of Appetite Suppressants</td>
<td>Christine Wagner</td>
<td>• Discuss why obesity is an issue in patients with asthma</td>
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<td>• Identify current theories regarding why obesity is increasing</td>
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<td>• Distinguish between different types of appetite suppressants currently available which are appropriate for patients with asthma</td>
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<tr>
<td>12:15-1:00</td>
<td>Lunch</td>
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<tr>
<td>1:00-2:00</td>
<td>Management of Allergic Asthma Including SCIT and SLIT</td>
<td>Karen Gregory</td>
<td>• Evaluate distinctive clinical and biomarker characteristics of allergic asthma.</td>
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<td>• Discuss optimal management and treatment strategies for achieving control of allergic asthma.</td>
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<td>• List relative and absolute contraindications for SCIT and SLIT.</td>
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<tr>
<td>2:00-2:30pm</td>
<td>Management of Non-Adherence</td>
<td>Maureen George</td>
<td>• Describe similarities and differences in medication adherence in adult and pediatric populations</td>
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<td>• Describe approaches to improving adherence in adult and pediatric patients with asthma through the use of simplified educational messages and management regimens</td>
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<td>• Integrate shared decision-making techniques into patient-educator/clinician communication which are patient-centered care that support adherence</td>
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</tbody>
</table>
2:45-3:30  Management of Elderly Asthmatics Including Management of Asthma-COPD Overlap Syndrome
Karen L. Gregory
- Describe special characteristics, management, and treatment strategies of asthma in the elderly.
- Discuss clinical similarities and differences between asthma and chronic obstructive pulmonary disease (COPD).
- Evaluate interventions to improve asthma control and decrease asthma burden in elderly patients with asthma.

3:30-4:15  Management of Asthma in Pregnancy: Overview
Michael Schatz
- Appreciate the potential effects of asthma and asthma medications on pregnancy complications and outcomes
- Understand the reported effects of pregnancy on the course of asthma
- Provide asthma management during pregnancy based on evidence-based benefit/risk considerations

4:15- 4:30  Primary Prevention of Asthma and Atopic Dermatitis: Use of Probiotics During Pregnancy and Breastfeeding
Maureen George
- Review the current evidence for the use of probiotics
- Outline current treatment protocols
- Highlight issues related to probiotic preparations

Presenters:

Maureen George PhD, RN, AE-C, FAAN,
Associate Professor of Nursing, Columbia University Medical Center, New York, NY

Karen L. Gregory, DNP, APRN, CNS, RRT, AE-C, FAARC,
Oklahoma Allergy and Asthma Clinic, Oklahoma City, OK, Doctor of Nursing Practice/Advanced Practice Nurse Acute Care Clinical Nurse Specialist, Pulmonary Disease Management Specialist, Respiratory Therapist, Certified Asthma Educator Oklahoma City, OK

Michael Schatz, MD, Chief, Allergy Department, Kaiser Permanente San Diego Medical Center, San Diego, CA

Mona Tsoukleris, PharmD, Associate Professor, Department of Pharmacy Practice & Science, University of Maryland School of Pharmacy, Baltimore, MD

Christine W. Wagner, AE-C, MSN, RN, CPNP, FNP, BC, Children’s Health Pediatric Group, Dallas, TX
### Thursday 7/19

<table>
<thead>
<tr>
<th>Time</th>
<th>Session / Targets</th>
<th>Topic / Title</th>
<th>Speaker(s)</th>
<th>Objectives</th>
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<th>Location</th>
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<tbody>
<tr>
<td>8:30-3:30</td>
<td>AAE BOD meeting</td>
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<td>Mike Bowman, et al</td>
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<tr>
<td>8:30 - 4:00</td>
<td>Pharmacology Course</td>
<td>Asthma in Special Populations</td>
<td>Maureen George, Karen Gregory, Chris Wagner, Mona Tsoukleris, Michael Schatz</td>
<td>Available online on the Pre-Conference Page</td>
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<td>5:30 - 7:30</td>
<td>Community Service Project</td>
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### Friday 7/20

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<tr>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>6:30 AM</td>
<td>Registration</td>
<td>Sign-in for attendance</td>
<td>SolutionsX2</td>
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<td>Registration Area</td>
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<td>7:00 AM</td>
<td>Breakfast</td>
<td>Product Theater I : Circassia Presentation</td>
<td>TBD</td>
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<td>Main Conference Hall</td>
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<tr>
<td>8:00 AM</td>
<td>Welcome/Introduction</td>
<td>Asthma -- What are we doing here?</td>
<td>Gregory Metz, MD, AE-C</td>
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<td>Welcome comments</td>
<td>Main Conference Hall</td>
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</tbody>
</table>
| 8:10 AM | General           | Public Health Promise or Peril? The Rise of E-cigarettes and Implications for Public Health Policy and Practice | Brian A. King, PhD, MPH                          | • Describe the evolving landscape of e-cigarette use in the United States, including patterns of use among adults and youth.  
• Discuss the health effects of e-cigarettes, including potential risks and benefits on individual and population level health.  
• Outline population-based strategies that can be implemented to minimize the risks of e-cigarettes on public health, particularly for youth and young adults. |          | Main Conference Hall |
| 9:00 AM | General           | Practical Implications of Asthma Phenotypes | Michael Schatz, MD, MS                          | • Appreciate the distinguishing features of the most well-defined asthma phenotypes.  
• Recognize the specific therapeutic implications of the most well-defined asthma phenotypes.  
• Understand the diagnostic work-up needed to define asthma phenotypes |          | Main Conference Hall |
| 9:45 AM | Biobreak, vendor exhibits |                                    |                                                |                                                                             |          | Exhibit Area     |
| 10:30 AM | General           | Asthma COPD Overlap (ACOS): Clinical features and therapy | Randall Brown, MD                              |                                                                             |          | Main Conference Hall |
| 11:15 AM | General           | Disparities and Differential Response to Asthma Treatment | LeRoy Graham, MD                               | • Discuss current data documenting the alarmingly persistent disparities in asthma prevalence, morbidity and mortality among children, minorities and the poor.  
• Review potential mechanisms including differential response to therapeutic agents and other factors that might serve as the basis for these disparities  
• Review and discuss various clinical management paradigms, community partnerships and other actionable strategies to effectively address and reduce these disparities. |          | Main Conference Hall |
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<td>12:00 PM</td>
<td>Lunch (until 1:15)</td>
<td>Product Theater II Thermofisher Presentation</td>
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<td>Main Conference Hall</td>
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<td>Vendors</td>
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<td>Exhibit Area</td>
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</table>
| 1:15 PM  | General          | Asthma 2018: A Disease of Communication as much as Inflammation | Randall Brown, MD | • Discuss environmental factors that contribute to asthma  
• Highlight the role of infections with asthma exacerbations  
• Explore comorbid conditions that influence asthma | Lecture          | Main Conference Hall |
| 2:00PM   | Fundamentals     | Asthma Fundamentals: Recognizing and Addressing Asthma Triggers | Virginia Thomas, MSN, FNP-BC, AE-C | • Discuss environmental factors that contribute to asthma  
• Highlight the role of infections with asthma exacerbations  
• Explore comorbid conditions that influence asthma | Lecture          | Breakout Room A |
| 2:00 PM  | Biosocial        | Phoenix Healthmobile                          | Angela Valdez-Huizar, MD FAAP                    | • Learn about successful mobile health programs serving homeless youth and adults  
• Identify barriers and resources available for community outreach programs | Lecture          | Breakout Room B  |
| 2:00 PM  | Special Interest | Evaluating a child with recurrent cough and night time symptoms | Catherine Kier, M.D., FAAP, FCCP, DABSM, AE-C | • Discuss the mechanics of coughing  
• List differential diagnoses of recurrent cough and nighttime symptoms apart from childhood asthma  
• Discuss effective and efficient management options in a good stepwise approach based on gathered clinical evidence | Lecture          | Breakout Room C  |
| 2:45 PM  | Break/ Visit Exhibitors |                                               |                                                |                                                                             | Exhibit Area    |
| 3:30 PM  | Research/ Projects | Asthma Poster Winners - Oral Presentations (3) |                                                | After attending the research fair the learner should be able to  
• Identify the efficacy and safety of several research studies that involved asthma medications.  
• Discuss the benefits of different asthma programs throughout the United States that involved caring for people who are dealing with asthma.  
• Discuss different devices and techniques that were trialed with the asthma population to improve asthma treatment. | Lecture          | Main Conference Hall |
| 4:15PM   | Research/ Projects | Asthma project posters - viewing and Q&A      |                                                |                                                                             |                | TBD                 |
| 5:30 PM  | Reception        | Meet and Greet Reception                      | Music by Al Keith, CRT                          |                                                                             | cash bar / hors d’oeuvres | TBD                  |
| 6:30-8:00 PM | Info-ception | Navigating the complexities of asthma care: discussion and networking session | LeRoy Graham, MD | Discuss current data documenting the alarmingly persistent disparities in asthma prevalence, morbidity and mortality among children, minorities and the poor. Review potential mechanisms including differential responded to therapeutic agents and other factors that might serve as the basis for these disparities  
Review and discuss various clinical management paradigms, community partnerships and other actionable strategies to effectively address and reduce these disparities. | Discussion/ Cash Bar / Hors d’oeuvres | TBD                  |
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<td>6:15 AM</td>
<td>Fun Run/Walk</td>
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<tr>
<td>7:15 AM</td>
<td>Breakfast</td>
<td>Product Theater III</td>
<td>TBD</td>
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| 8:15 AM| General           | Asthma Education for the Community Health Worker: Updates and Successes | Traci Hardin, MPH, AE-C         | • Learn the definition of a community health worker and their role in the asthma care team.  
  • Provide an update on the current status of the AAE CHW asthma program.  
  • Introduce module 6 and the new partnership with MYLAN. | Lecture    | Main Conference Hall           |
| 9:00 AM| Advocacy          | Child Advocacy in Challenging Times                                | James Baumberger                | • Understand the role of pediatricians, pediatric medical subspecialists, and surgical specialists in child health policy development.  
  • Identify current child advocacy needs at the federal level.  
  • Consider the role individuals can play in advocacy. | Lecture    | Main Conference Hall           |
| 9:50 AM| Biobreak, Refreshments, vendor exhibits | Product Theater IV                                               |                                 |                                                                                                                                             |            | Exhibit Area                    |
| 10:30 AM| Advocacy         | Asthma Care Coverage Project                                       | Hannah Green, MPH                | • Increase understanding and data availability of Medicaid coverage and barriers to access guidelines-based asthma care across 50 states, District of Columbia and Puerto Rico.  
  • Identify gaps between what is known to be best practice in improving asthma outcomes and what is covered by state Medicaid programs.  
  • Promote collaboration between diverse stakeholder groups to increase access to guidelines-based asthma care. | Lecture    | Main Conference Hall           |
| 11:15 AM| Fundamentals     | Asthma action plans -- What are they and how do they work?         | Tracy Marquette, AE-C, RRT       | • Define what is an Asthma Action Plan  
  • Describe the importance and effectiveness of having an Asthma Action plan | Lecture    | Breakout Room 1                 |
| 11:15 AM| COPD/ACOS         | Home Visits and Native American Respiratory Health                | Mansel Nelson                   | • Participants will be aware of the Air Matters Kits and their value in conducting respiratory health visits and assessments.  
  • Participants will be aware of asthma research being conducted in tribal communities that focuses on cleaning for health.  
  • Participants will be aware of the Institute for Tribal Environmental Professional Healthy Home training program for tribal staff. | Lecture    | Breakout Room 2                 |
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| 11:15 AM   | Special Interest  | Evaluation and Basic Treatment of Vocal Cord Dysfunction | Christina Kang M.M., M.S., CCC                   | • Identify perceptual signs of vocal cord dysfunction that correlates to patient’s symptoms.  
• Understand vocal dysfunction as one of the laryngeal neuropathic disorders.  
• Become familiar with behavioral treatment of vocal cord dysfunction.                                                                                                                                                                                                                                               | Lecture                 | Break out Room 3      |
| 12:15 PM   | Lunch             | Product Theater V GSK Presentation                |                                                 |                                                                                               | Main Conference Hall    | Exhibit Area          |
| 1:15 PM    | General           | Climate change: new challenges to disease management and patient education | Chris Wagner RN, MSN, CPNP-PC, FNP-BC, AE-C, / Maureen George PhD, RN, AE-C, FAAN | • Provide an overview of the effects of climate change [extreme weather, desertification, and flooding] on asthma  
• Describe the role that asthma educators can play in reducing the deleterious effects of climate change through research and policy  
• Describe asthma educators’ role in communicating clinical interactions with patients and families                                                                                                                                                                                                 | Lecture                 | Main Conference Hall  |
| 2:00 PM    | Workshops: Learning from the Experts (pick one of three) | Topic 1: Advocacy and Asthma Initiative Forum | Tonya Winders, MBA | • Attendees will learn current federal advocacy issues relevant to asthma and allergy patients and providers  
• Attendees will learn current state advocacy issues relevant to asthma and allergy patients and providers  
• Attendees will learn how to engage and elevate the patient voice in public policy initiatives                                                                                                                                                                                                 | Networking / Hands-on Discussions | Main Conference Hall |
|            |                   | Topic 2: Challenges and Opportunities in Asthma Care for Adolescents and Teens | Melissa Penkalski, DNP, APRN, CPNP-PC, AE-C | • Describe the uniqueness of adolescents and teens as a population.  
• Recognize the approach needed when developing asthma plan of care for adolescents and teens.  
• Identify appropriate methods to promote adolescents and teens to be engaged in their asthma care and self-management.                                                                                                                                                                                                 | Networking / Hands-on Discussions | Breakout Room 1        |
|            |                   | Topic 3: Motivational Interviewing and other communication techniques to change patient behavior | Stuart Tousman, PhD | • Describe the typical barriers that exist with getting asthma patients to adhere to taking their medications as well as other asthma health behavioral changes.  
• Describe how motivational interviewing and other evidence based communication approaches that can be effectively implemented by healthcare professionals to change asthma behavior.  
• Describe how healthcare professionals can implement problem-based and emotional-based communication strategies that can help provide better care to help the asthma patient and caregivers cope with the chronic disease.                                                                                                                                 | Networking / Hands-on Discussions | Breakout Room 2        |
| 3:00 PM    | Workshops: Learning from the Experts (pick one of three) | Topic 4: NAECB Panel | Panel is: Cliff Dennis, RRT, AE-C; Kimberly Reiners, DNP, AE-C | • The learner will be able to identify criteria to qualify for the National Asthma Educator Certification Exam  
• The learner will be able to extrapolate the statistics of exam test taker.  
• The learner will be able to evaluate the significance of the exam and its potential for education improvement                                                                                                                                                                                                                                         | Networking / Hands-on Discussions | Main Conference Hall  |


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|            |                   | Topic 5: Increasing Patient Engagement at the Pharmacy                         | Mona Tsoukleris, MS, PharmD                      | • Describe problem issues that reduce patient interaction in the pharmacy.  
• Design brief interventions that can increase asthma-related patient engagement in the pharmacy.  
• Develop an approach to deal with formulary changes that ensures patients will not leave the pharmacy without a plan to receive appropriate asthma medications.  
• Identify at least two interventions that can increase asthma-related patient engagement and can be implemented when returning to the pharmacy practice setting | Networking / Hands-on Discussions                   | Breakout Room 1 |
| 4:00 PM    | Workshops: Learning from the Experts (pick one of three)                      | Topic 7: Respiratory Medications and Devices                                   | Dewey Hahlbohm, PA-C, AE-C                      | • Review mechanism of action for asthma pharmacologic agents  
• Describe key patient educational points for each  
• Compare and contrast various aerosol delivery devices including proper technique and limitations of device  
• Outline care and cleaning of devices | Networking / Hands-on Discussions                   | Conf Rm                                       |
|            |                   | Topic 8: Spirometry and Bronchoprovocation Testing                             | Bill Pruitt, MBA, RRT, CPFT, FAARC, AE-C         | • Describe the usefulness of spirometry and bronchoprovocation testing (BPT) in asthma  
• Discuss the process and quality issues with spirometry and BPT in asthma  
• Explain the findings of spirometry and BPT testing from example cases | Networking / Hands-on Discussions                   | Breakout Room 1 |
|            |                   | Topic 9: Understanding and critically appraising asthma education research     | Stuart Tousman, PhD                             | • Describe in simple terms how statistics such as t-tests and correlations work to indicate statistical significance.  
• Describe how to read and comprehend asthma education research that uses these statistics to make conclusions.  
• Describe how to design and implement asthma education research that uses these statistics. | Networking / Hands-on Discussions                   | Breakout Room 2 |
<p>| 5:00 PM    | MYLAN Sponsored Roundtable, Invitation Only Please contact us if you wish to attend. |                                                                               |                                                 |                                                                                                                                                                                                                                                                                                                                              |                         |                    |
| 5:00 PM    |                   | Hand in evaluations                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                              |                         | Registration      |</p>
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<td>7:00 AM</td>
<td>Breakfast</td>
<td>Don’t let asthma stand in your way!</td>
<td>Celebrity/athlete with asthma</td>
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<td>Main Conference Hall</td>
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<tr>
<td>8:00 AM</td>
<td>President’s comments</td>
<td>20 Years of Progress: AAE from its beginning to now and beyond</td>
<td>Christine Wagner, RN, MSN, CPNP-PC, FNP-BC, AE-C, Kathleen Ellis, PhD, ARNP, MSN, MHA, FAAAAI, AE-C, Past President C. Michael Bowman, MD Conference Co-Chair &amp; President, AAE</td>
<td>Broader understanding of population-based health care—embracing a holistic approach to patient care.</td>
<td>Lecture</td>
<td>Main Conference Hall</td>
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<tr>
<td>8:45 AM</td>
<td>General</td>
<td>Community Outreach and Education Program Successes</td>
<td>Melinda Schuler, BSBA, RRT, RCP, HHS, AE-C, Lynne Abbott, RN, MSN, AE-C</td>
<td>Broader understanding of population-based health care—embracing a holistic approach to patient care.</td>
<td>Lecture</td>
<td>Main Conference Hall</td>
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<td>9:30 AM</td>
<td>Advocacy</td>
<td>T21 Project</td>
<td>Ginny Chadwick, MPH, MA</td>
<td>Obtain a greater understanding of tobacco control policy.</td>
<td>Lecture</td>
<td>Main Conference Hall</td>
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<tr>
<td>10:30 AM</td>
<td>General</td>
<td>Asthma publications: Year in Review</td>
<td>Gregory Metz, MD, AE-C, Elisa Thompson, APRN, CNP</td>
<td>Discuss research findings in the last year about factors contributing to the development of asthma and asthma morbidity</td>
<td>Lecture</td>
<td>Main Conference Hall</td>
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<td>11:15 AM</td>
<td>General</td>
<td>Where do you/we go from here? On to Buffalo…</td>
<td>Tina Preston</td>
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<td>Open Forum</td>
<td>Main Conference Hall</td>
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<tr>
<td>11:45 AM</td>
<td>General</td>
<td>Adjournment</td>
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<td>Main Conference Hall</td>
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</table>
Speakers

**Lynne Abbott, MSN, RN, AE-C, MBA** Healthy Homes Program Nurse, Linn County Public Health, Cedar Rapids, IA

**Traci Arney, RN, MN, NP-C, AE-C, FAANP** Family Nurse Practitioner, Crazy About Kids Pulmonary Services, LLC Gilbert, AZ

**C. Michael Bowman, MD**, Conference Co-Chair & President, AAE

**Eric Brodell, MPH** Western Region Director, Preventing Tobacco Addiction Foundation, Denver, CO

**Randall Brown, MD, MPH, AE-C** Director Asthma and COPD Programs University of Michigan’s Center for Managing Chronic Disease, Professor of Health Behavior and Health Education Michigan University School of Public Health, Ann Arbor MI

**Mark Del Monte, JD** Chief and Deputy and Senior Vice President of Advocacy and External Affairs for the American Academy of Pediatrics

**Clifton Dennis, RRT, AE-C** (2011-2019) NAECB Chair

**Kathleen Ellis, PhD, ARNP, MSN, MHA, FAAAAI, AE-C** Past President

**Maureen George, PhD, RN, AE-C, FAAN** Associate Professor, Columbia University School of Nursing, New York, NY

**LeRoy Graham, MD, FCCP** Director Asthma and COPD Clinic Good Samaritan Health Center of Gwinnett Norcross, GA

**Hannah Green, MPH** Director National Health Policy, American Lung Association, Washington, DC

**Karen L. Gregory, DNP, APRN, CNS, RRT, AE-C, FAARC** Oklahoma Allergy and Asthma Clinic, Oklahoma City, OK, Doctor of Nursing Practice/Advanced Practice Nurse Acute Care Clinical Nurse Specialist, Pulmonary Disease Management Specialist, Respiratory Therapist, Certified Asthma Educator Oklahoma City, OK

**Dewey Hahlbohm, PA-C, AE-C** Physician Assistant, Allergy and Asthma Center, Missoula, MT

**Traci Hardin, MPH, AE-C** Owner, Breath Well South Carolina, LLC, Columbia, SC

**Christina Kang, MM, MS, CCC-SLP** Speech-Language Pathologist, Co-Founder of Voice and Swallowing Program Mayo Clinic Phoenix, AZ

**AI Keith, CRT CTK** Clinical Consultants, Chicago, IL

**Catherine Kier, MD, FAAP, FCCP, DABSM** Chief, Division of Pediatric Pulmonology, Director, Cystic Fibrosis Center, Director Pediatric Sleep Disorders Center, Professor of Clinical Pediatrics, State University of New York (SUNY) at Stonybrook Medicine, NY

**Brian King (CDC), PhD, MPH** Associate Editor, U.S. Surgeon General Reports on Tobacco and Deputy Director for Research Translation Office on Smoking and Health Centers for Disease Control and Prevention Atlanta, GA

**Sharon Lemley, RN, PNC, BSN, AE-C** Care Coordinator Children’s Health Asthma Management Program Population Health Clinical Integration, Children’s Health, Irving, TX

**Tracy Marquette, RRT** Coordinator Community Asthma Management Program, Respiratory Therapist, Our Lady of the Lake Regional Medical Center/Children’s Hospital Baton Rouge, LA

**Greg Metz, MD, FAAAAI, FACAAI, AE-C** Clinician Allergy and Asthma Clinic, Clinical Associate Professor, Univ. of Oklahoma College of Medicine, Oklahoma City, OK

**Mansel A Nelson** Project Director Tribal Environmental Education Outreach Program Institute for Tribal Environmental Professionals, Northern Arizona University, Flagstaff, AZ

**Tim Op’tHolt, RRT, AE-C** Past President University of Alabama

**Melissa Penkalski, DNP, MSN, BSN** Pediatric Nurse Practitioner, Graduate Program Director and Assistant Professor in the School of Nursing of Missouri State University, Springfield, MO.

**Justyne “Tina” Preston, RRT, AE-C** Asthma Response Team, Erie County, NY

**Bill Pruitt, MBA, RRT, CPFT, AE-C, FAARC** Senior Instructor and Director of Clinical Education Department of Cardiorespiratory Care, University of South Alabama, Mobile, AL

**Kimberly Reiners, DNP, CPNP-PC, AE-C** Pediatric Otolaryngology Pediatric Nurse Practitioner, Phoenix Children’s Hospital, Phoenix, AZ

**Jared Rice, MBA, BSN, BSRT, RRT-ACCS, RRT-NPS, RPFT, AE-C** NICU Nurse, UH Rainbow Babies and Children’s Hospital, Cleveland, OH

**Michael Schatz, MD, MS** Editor-in-Chief Journal of Allergy and Clinical Immunology, Emeritus Partner Department of Allergy, Associate Investigator Department of Research and Evaluation, Southern California Permanente Medical Group, San Diego, CA
Melinda Shuler, BSBA, RRT, RCP, CTTS, HHS, AE-C Regional Clinical Supervisor of the Regional Asthma Disease Management Program Mission Children’s Hospital, Asheville, NC

Mike Shoemaker, MBA, RRT-NPS, AE-C Program Coordinator Asthmaia Academy, Operations Manager and Respiratory Care Services Manager, AnMed Health Women’s and Children’s Hospital, Anderson, SC

Teresa Summe, RRT, AE-C Supervisor, Asthma/COPD Management, Lee Health, Fort Myers FL

Virginia Thomas, FNP, AE-C Family Nurse Practitioner, Metro Pediatrics, PC. Birmingham AL

Elisa C. Thompson, APRN-CNP, AE-C Oklahoma Allergy and Asthma Oklahoma City, OK

Stuart Tousman, PhD Psychology Instructor Mary Baldwin University

Mona Tsoukliris, PharmD, MS Associate Professor University of Maryland School of Pharmacy, Department of Pharmacy Practice & Science, Baltimore, MD

Angela Valdez-Huizar, MD, FAAP Pediatric Provider, Phoenix Children’s Hospital, General Pediatrics/Homeless Youth, Phoenix, AZ

Christine Wagner, RN, MSN, CPNP-PC, FNP-BC, AE-C Asthma Educator and Program Development Children’s Health Pediatric Group, Dallas, TX

Tonya Winders, MBA CEO and President, Allergy & Asthma Network, Vienna VA
AAE Conference Registration
20th Anniversary July 20-22, 2018

AAE Mission Statement
The Association of Asthma Educators is the premier inter-professional organization striving for excellence to raise the competency of diverse individuals who educate patients and families living with asthma.

Mail or fax form to: Association of Asthma Educators, 70 Buckwalter Road Ste 900 # 330, Royersford, PA 19468. Phone: 610-772-0661 Fax: 215-361-9920 ONLINE REGISTRATION: Email: admin@asthmaeducators.org

Attendee Information

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Method of Payment

Authorized Signature | Print Name | Date

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| Name of Card Holder (Print) | Signature |

Billing Address (if different from above)
The Association of Asthma Educators is the premiere inter-professional organization striving for excellence to raise the competency of diverse individuals who educate patients and families living with asthma.

The AAE is a 501(c) 3 non-profit organization dedicated to the provision of quality education to a multidisciplinary group of asthma educators. Founded in 1998, the AAE serves as the premier inter-professional organization representing health care professionals who identify themselves as asthma educators, many of whom hold the national recognition of being Certified Asthma Educators (AE-C). The AAE’s primary purpose is to promote asthma education as an integral comprehensive asthma program, to raise the competence of healthcare professionals who educate individuals and families affected by asthma, and to raise the standard of care and quality of asthma education to those with asthma. The association is the only organization whose sole purpose is to improve asthma care and asthma education. The AAE assembles this unique group of providers and educators who can improve their patient service through the use of your products.

2018 AAE Board of Directors

Lynne Abbott MSN, RN, AE-C, HHS
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C. Michael Bowman, PhD, MD
Dewey Hahlbohm, PA, AE-C
Sharon Lemley, RN, RNC, BSN, AE-C
Tracey Marquette, RRT, AE-C
Immediate Past President & Conference Co-Chair:
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Jared Rice, AE-C, MBA, RN, RPFT, RRT-NPS
Michael Shoemaker, AE-C, MBA, RRT-NPS
Melinda Shuler, BSBA, RRT, Rcp, NDC, HHS, AE-C
Teresa Summe, RRT, AE-C
Virginia M. Thomas, MSN, FNP-BC, AE-C
Mona Tsoukleris, PharmD, MS

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E: admin@asthmaeducators.org
www.asthmaeducators.org

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