



NATIONAL
ASTHMA EDUCATOR
CERTIFICATION BOARD

AE-C

December 2016

Letter from the Chair

It has been an honor and a privilege serving as the Chair of the National Asthma Educator Certification Board (NAECB) and I would like to congratulate Cliff Dennis, RRT, on his appointment as the new Chair of NAECB beginning January 1, 2017.

I first became an certified asthma educator (AE-C) in 2003 and recertified in 2010. That same year, I also became an NAECB board member. As a clinician, certification allowed me to provide better care and management to individuals with asthma and their families. Certification allowed me to collaborate with other members of the health care team to teach individuals the nuances of the disease and develop community programs.

As Chair, I am happy to report that the NAECB Board improved organizational efficiency, reviewed our programs and events to make positive changes, and enhanced the benefits of certification. Our website now allows certificants to recertify by CEUs, apply for scholarships, and submit research proposals electronically. The NAECB continues our partnership with PSI/AMP for test development and we have expanded our network of testing sites, including weekend testing availability for candidates. We now offer three options for scholarships, including: the Linda Ford M.D. scholarship, Centers for Disease Control and Prevention (CDC) scholarships, and the Elliott Ellis M.D. scholarship for AAE members.

We have increased our outreach through social media sites and revamped many of our communication pieces to focus on certified asthma educators. The NAECB also understands the

value of research and has committed funds to support research by AE-Cs. We received 6 new research proposals and selected two, committing \$10,000 for each award.

The NAECB always want to hear from our certificants concerns and what they need from us. As a certification organization, we currently we have a Job Analysis being conducted by PSI/AMP which will ensure that the NAECB certification exam is job-related and thus has content validity.

In conclusion, I would like to thank the NAECB Board and all certified asthma educators for all they do for individuals with asthma. Please keep up the great work you do and encourage friends and colleagues to become certified.

John Manning, CPNP, PMHS, AE-C

Asthma Educator Certification Cost Increase

The National Asthma Educator Certification Board (NAECB) provides the Certified Asthma Educator (AE-C) examination, which is nationally recognized as the preeminent certification for asthma educators. The cost of this examination has consistently been below the cost of similar national certification examinations since 2007, when the last cost adjustment went into effect. In order for the NAECB to be able to provide the most up-to-date and comprehensive certification for asthma educators, we will be increasing the cost of the Certified Asthma Educator (AE-C) examination, as well as related costs.

Beginning July 1, 2017 the following pricing structure will go into effect:

- Certification by examination \$350
- Repeat examination attempts \$250
- Recertification \$300
- Recertification past expiration date \$350
- Self-Assessment Examination \$75
- Lapel pins \$11
- Replacement certificates \$25
- Bundled examination testing (minimum 10 examinations) discounted at \$300 each
- Award for examination scholarship will increase to \$250
- Award for scholarship for recertification will increase to \$200

Asthma Camps

Free Weekend Respiratory camps are available thru Camp Soaring Eagle in Cornville, Arizona, for children ages 6-15 years with asthma.

Apply at: www.campsoaringeagle.org or contact Anna Viviano, Camper Recruiter at 480-253-9924.

Here is a **great resource** to share with parents of a child or teenager with asthma, interested in **finding an asthma camp** in their community:

The Consortium on Children's Asthma Camps - <http://asthmacamps.org/>

Nationwide Children's Hospital 8th Annual Pediatric Asthma Conference May 4-5, 2017 in Lewis Center, Ohio

SAVE THE DATE!! This two-day conference will highlight emerging information and practical advice regarding asthma management for providers caring for asthma patients across all levels of care.

- **Thursday, May 4** - Day 1 is directed towards health professionals, including school nurses, for education and practical management of asthma in school-age children and in the school setting.
- **Friday, May 5** - Day 2 is designed for pediatricians, family practice providers, nurse practitioners, nurses, respiratory therapists, pharmacists and clinical staff from hospitals, urgent care and primary care facilities who care for pediatric asthma patients.

We are proud to host nationally renowned visiting faculty members from institutions across the country, as well as experts from both Nationwide Children's Hospital and The Ohio State University.

Keynote Speaker: Chitra Dinakar, M.D.
Professor of Pediatrics, Section of Allergy & Immunology

Topic: "Management of Asthma in the Yellow Zone"

Featured Topics

- Asthma in Athletes
- Problem Based Learning: Balancing Safety and Efficacy of Asthma Therapy
- Mold: When to Worry
- Teens with Asthma: Transition to Independence
- Role of Traffic Pollution in Asthma
- And more...

To view the full conference agenda and faculty listing please visit the conference webpage

<http://www.NationwideChildrens.org/asthma-conference>

Job Posting

Job Description

Cornerstone Pediatrics & Adolescent Medicine

Job Title: Asthma Educator

Reports to: Practice Director

Summary: Responsible for meeting with patients/families to assess patient needs and to create a plan of care in regards to their individual plan in accordance with the physician's directives.

Essential Duties and Responsibilities:

- Assists in scheduling asthma education appointments
- Meets with patients and families to identify respiratory problems and address concerns about asthma; explains and demonstrates through visual aids the path of physiology of asthma.

- Performs pulmonary function tests
- Coordinates asthma planning, medications and environmental control with the provider.
- Teaches family/patient triggers, environment control, warning signs, medications related to asthma and administration of medications
- Teaches self-management to allow patient to monitor behavior at home
- Reviews schedule for pre-visit planning
- Develops written asthma action plan
- Reviews all asthma test results
- Participates in staff meetings and care team meetings
- Meets with physicians who oversee care of the asthmatic patient
- Advises triage phone team to relay messages and concerns in a timely manner directly to Asthma Educator
- Trains nurses yearly regarding nebulizer treatments, taking pulse ox reading and general care of asthmatic patients
- Stays current on evidence-based guidelines published by the AAP and implements any changes found in evidence-based guidelines after review/approval from physician partners.
- Develops education material for in-office use and to give to patients.
- Population management of patients in the Asthma Clinic
- Participates in all Quality Initiatives required by practice

Qualifications:

- CRT, LPN or RN preferred but not required
- National Asthma Educator Board Certification
- Follow guidelines set by National Institutes of Health
- Proficient with asthma testing equipment and EMR
- Possess strong communication skills to clearly and effectively communicate with patients, physicians, management, Cornerstone staff and outside vendors/agencies.
- Ability to motivate people and implement change in a positive manner.

This is a three day per week position to start, but may grow into full time.

FOR MORE INFORMATION CONTACT:

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Asthma in the News

Environmental Public Health Tracking - Asthma & Demographic Info by Location

Type in a county or zip code, and see state-specific infographics on demographics, asthma, ground level ozone, PM, smoking, extreme heat, heart attacks, access to parks, and proximity to highways.

<http://bit.ly/1wqO25D>

Home visits show difficulties of asthma for low-income adults

A study in Philadelphia looked at the living conditions of low-income adult asthma patients and the impact on their asthma, and found they have a higher rate of asthma-related deaths and hospitalizations.

<http://bit.ly/2hLHtWV>

New EPA RFA "National Indoor Environments Program: Reducing Public Exposure to Indoor Pollutants" now available!

The selected indoor environments projects will be funded in the amount of \$2-4 million annually, for up to 3 years (2018-2020) and EPA expects to make between 10 and 20 awards.

The Program's priorities include, yet are not limited to (1) radon, (2) indoor environmental asthma triggers, and (3) multiple indoor air contaminants.

<http://bit.ly/2hRhDjI>

Immunotherapy Tablets for Dust Mite Allergy May Improve Asthma

Three trials tested dissolving tablets of freeze-dried extracts from dust mites. House dust mite sublingual tablet immunotherapy improved various asthma outcomes such as inhaled corticosteroid use, exacerbations and asthma symptoms.

<http://bit.ly/2gpcm4J>

HUD Secretary Castro Announces Public Housing to be Smoke-free

New rule will provide resources and support to more than 3,100 Public Housing Agencies (PHAs) to implement required smoke-free policies over the next 18 months, protecting health and safety of residents, and saving PHAs millions of dollars in preventable damage.

<http://bit.ly/2gIJiek>

Asthma Among Employed Adults, by Industry and Occupation - 21 States, 2013

Among an estimated 74 million adults employed at some time in the 12 months preceding the interview in 21 states, 7.7% had current asthma. Based on the Asthma Call-back Survey results, this finding means as many as 2.7 million U.S. workers might have asthma caused by or exacerbated by workplace conditions.

<http://bit.ly/2gQwuJO>

Asthma and asthma-related health care utilization among people with and without physical disabilities

People with physical limitations had higher rates of asthma and recent asthma flares than people without limitations. There were no differences in health care quality, utilization or cost between these two groups.

<http://bit.ly/2fKjgCz>

Reseachers identify cellular 'off' switch for inflammatory immune response in asthma attacks

Working with human immune cells in the laboratory, researchers investigated the role of two proteins, GRB10 and p70S6K, in the control of the signaling pathway that activates M2 cells. Asthma has been correlated with an overabundance of M2 macrophages in the lungs, and this study identified a critical cellular "off" switch for this inflammatory immune response that contributes to asthma attacks.

<http://bit.ly/2hbHVvI>

New study urges caution in use of mannitol challenge test for asthma

In the 772-participant Respiriology study, the test results were as expected in people who reported wheezing, but a positive test result could not reliably detect asthma in the general population.

<http://bit.ly/2g5dNq7>

Little Consistency in Intensive Treatment for Pediatric Asthma Across Hospitals

Researchers distributed surveys to 43 US children's hospitals to elicit treatment details for patients 6 to 11 years of age admitted to pediatric intensive care unit (PICU) for acute asthma exacerbation or status asthmaticus. They found a range in treatment variability from the inconsistent use of magnesium sulfate to the relatively consistent, albeit infrequent, use of helium-oxygen.

<http://bit.ly/2gz36rQ>

National Environmental Leadership Award in Asthma Management - Apply today!

Calling all asthma champions! Is your asthma program a leader in your community? Consider applying for the National Environmental Leadership Award in Asthma Management, the highest recognition a program and its leaders can receive for delivering excellent comprehensive asthma care services, if your program- addresses environmental triggers as part of a comprehensive asthma program; fosters high-performing collaborations and partnerships; and improves the daily lives of those with asthma and their families.

Applications are due on **Friday, January 27, 2017**. Learn more and apply:

<http://www.asthmacommunitynetwork.org/awards?>

Association Between Insomnia and Asthma Burden in the Severe Asthma Research Program

Researchers found that insomnia is highly prevalent in asthma and is associated with adverse outcomes, including depression and anxiety.

<http://bit.ly/2hIWzBR>

New Asthma Treatment with Experimental Cancer Drug May Dampen Bronchospasm

Study identified proteins that cause airway muscle cells to stick to the underlying cellular scaffolding and transmit the force generated by muscle contraction, and how to disrupt these attachments to

decrease muscle contraction and relieve constriction of the airways.

<http://bit.ly/2gIJQ3j>

Simple nasal rinse could help relieve some symptoms of asthma

A British study has shown that nasal irrigation can help reduce nasal symptoms and asthma symptoms; over 8 in 10 (83%) of participants showed clinically significant improved 'asthma control' scores.

<http://bit.ly/2gyXstV>

Breast-Feeding Benefits Babies with Genetic Asthma Risk

A study of 368 Swiss infants showed that those carrying genes that put them at increased risk for asthma had a 27 percent decrease in developing respiratory symptoms while being breast-fed.

<http://bit.ly/2hFXnEG>

The editors reserve the right to decline submissions for any reason.

NAECB Newsletter Editors:

Kimberly Byrne, RN, BSN, CPN, AE-C
Karen Meyerson, MSN, APRN, FNP-C, AE-C

Helpful Links

- ➔ [Exam Info And Registration](#)
- ➔ [Review Classes](#)
- ➔ [Candidate Handbook](#)
- ➔ [FAQ's](#)
- ➔ [Code of Conduct](#)



NAECB Members

Visit the [NAECB Certificant Corner](#) for past newsletters, forms for replacement pins and certificates, and to update your contact information.



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Promoting Excellence in Asthma Education



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