



**NATIONAL
ASTHMA EDUCATOR
CERTIFICATION BOARD**

AE-C

February 2017

**Letter from the Chair
Clifton Dennis, BHA, RRT, AE-C**

It is my honor to be selected to chair the National Asthma Educator Certification Board (NAECB) for the 2017-2019 term. I have been privileged to serve as the Vice-Chair for the past two years under the leadership of John Manning.

I became a certified asthma educator (AE-C) in 2010. I work as an asthma educator for hospital and community asthma programs in the State of Georgia. I became a board member in 2011 and have served in a variety of capacities on the NAECB board. The primary reason I continue to serve on the NAECB board is the level of professionalism that is displayed by the many professions represented on this board, which includes Nurses, Respiratory therapists, Pharmacist, Physicians, Nurse Practitioners, Health Educators and public members.

The National Asthma Educator Certification Board is the premier organization for the testing and certification of asthma educators. We are constantly striving to improve the process for you, our certificants. First and foremost, we will need to complete the job analysis. Once the job analysis is complete, we will review all the items on the certification examination and align each item with the new Detailed Content Outline (exam matrix). This will require the board members to develop a new Detailed Outline Content, as well as revise the Self-Assessment Examination (SAE) and Candidate Handbook.

In May, we will conduct the biannual audit of our financial records in accordance with our policy of

financial transparency. Once these tasks are completed, we will continue with the National Commission for Certifying Agencies (NCCA) accreditation process that has been underway for the past couple of years. In July, the examination cost will increase in order to continue to provide the highest quality examination. We have several avenues of scholarship available, so I strongly encourage qualified individuals to apply for these opportunities.

Our recertification through CEUs option has been an outstanding success and we have had over 500 people recertify through this process. The NAECB has also been actively involved in funding research that attests to the value to the AE-C credential. We will continue to do so with goal to increase opportunities for reimbursement and increase awareness of the value of certified asthma educators. As an organization, we continue to investigate methods to increase recognition of the AE-C credential in order to encourage more to become certified asthma educators. We also benefit from increased visibility by having a presence at targeted conferences which appeal to those interested in and eligible for the certified asthma educator (AE-C) credential.

I look forward to serving you, our certificants, and working alongside the board members that make the NAECB the preeminent and professional organization it has become. I encourage you to contact the NAECB board with any questions you may have about the examination and certification process.

Welcome New and Returning Board Members for 2017-2019!

Samantha Davis, MS, RRT-NPS, AE-C

As a Registered Respiratory Therapist-Neonatal Pediatric Specialist and Certified Asthma Educator I have a diverse professional background. In terms of education, I received a Master's of Science in Respiratory Care Leadership degree from Northeastern University.

Professionally, my background includes acute care, education, non-profit management, and advocacy. I am currently employed as a Clinical Assistant Professor of Respiratory Care at Boise State University.

I have served on the Board of Directors for Camp Michi-MAC (an asthma camp in Michigan) and with the Michigan Society for Respiratory Care as Asthma Chair and District X Representative. Currently, I am part of the Social Media Committee for the Coalition for Baccalaureate and Graduate Respiratory Therapy Education (CoBGRTE).

In my various roles, I have developed and coordinated continuing education opportunities for health care professionals and provide asthma education to fellow professionals, patients, and communities. My experiences in asthma education range from licensed Physicians all the way down to young children at asthma camp. I have participated in many community events with both local and national chapters of various organizations (American Lung Association, Asthma and Allergy Foundation of America, World Asthma Day, Project Healthy Living Fairs).

Although I am not asthmatic, I recognize the toll this condition takes on our families and communities, as well as the countless misconceptions there are regarding asthma. For these reasons, advocacy and asthma education are my passion. I am committed to inspiring change from the most basic level all the way up to those with extensive education/experience in asthma management.

Rory Johnson, Pharm.D., AE-C

Since receiving his Pharm.D., from the University of Montana in 2006, Rory has worked in a variety of pharmacy settings, including community pharmacy, the Veteran's Administration, and academia. During his time spent in community pharmacy, he helped develop pharmacy-based services for vaccinations and asthma self-management education. In 2010, he became certified as an Asthma Educator and began working with the University of Montana to establish Pharmacist Managed Asthma Clinics across the state. This program provides pharmacists with the necessary tools and training to provide guideline-based asthma care in their pharmacies and has resulted in more than ten pharmacists becoming AE-C's in Montana. He presently provides asthma education to patients in Helena, Montana, through a partnership with the State of Montana. This partnership also provides him with valuable claims data, which he is using to analyze the value of these pharmacist based asthma services. In addition to his work with asthma, he is an Assistant Professor at the University of Montana, where he coordinates the Community Pharmacy Advanced Pharmacy Practice Experience for fourth year pharmacy students.

Johnson has served as a board member on the National Asthma Educator Certification Board since 2014, and is currently Chair of the Research Committee and Co-chair of the Exam Committee. He has helped to develop the NAECB's grant application and funding process to support the important work of the AE-C's in their communities across the country. He also currently serves on the Montana Pharmacy Association's (MPA) Board of Directors and is a member of the Association of Asthma Educators. In 2010, he was named Montana's Distinguished Young Pharmacist and won the MPA's "Excellence in Innovation" award in 2014. He is passionate about improving health access and outcomes, chronic disease self-management education, and is a strong advocate for the

reimbursement of pharmacists and AE-C's for their valued services.

Mark Peterson (Public Member)

Mark Peterson is new to our organization, and is the father of three boys ages 22, 19 and 12. Mark is currently an Anchor on Good Morning Northwest on KXLY TV in Spokane, WA. He is very active in Spokane area, where he has lived since 1994. He also currently serves on the board of the Boys and Girls Clubs of Spokane and consults for many non-profit organizations. He has dealt with asthma with his oldest son and is very aware of the dangers and the needs of those who suffer from asthma.

Constance Saunders, RN, MN, CCM, AE-C

I am a recent Certified Asthma Educator, operating out of Hawaii, Oahu Island. I certified on 5/13/15, so I am new to the practice, and have been a registered nurse since 1996, when I graduated from a University Honors Nursing program in Canada. My experience is, therefore, international.

I proceeded to work in the pharmaceutical industry in Microbiology after graduating nursing school because there were no nursing jobs! I then went on to complete my Nursing Bachelors and Masters degrees after moving on and working in Occupational Health and Safety. It was an excellent experience. I also worked for Workers Compensation in the pension allotment division (Non-economic loss) and then at the College of Nursing of Ontario (the regulatory body equivalent to a state board of nursing) as an investigator of nurses with substance abuse problems. I came to Hawaii on vacation and cut my foot the first day I was here and proceeded to the ER, where I learned first-hand about the American health system. I am still learning today!

I am very interested in promoting asthma education and would be willing to learn how to write/assist with the exam. It was not an easy test, but I am glad I got certified. My dream is to have board-certified asthma educators on each island in Hawaii, possibly by promoting asthma train-the-trainer sessions or some sort of education for the local population through community partners like the American Lung Association.

Thank you for reading my Biosketch. While I may be lacking in some of the business skills, I make up for it in enthusiasm and hard work.

Allan Wachter, MD, FAAAAI, FACAAI, FCCP

Allan Wachter MD is a Board Certified physician currently working in his private practice in Ahwatukee, AZ. He has dedicated his professional time to research improving asthma education among practitioners. His recent research has been as the Chief Medical Officer: FARI (Foundations for Asthma Research & Intervention), a 501(c)(3) Not-for-Profit Organization dedicated to studying asthma health outcomes in population. Dr. Wachter is presently doing research with the US Navy Medical Center in San Diego, CA, and the Navy Medical Center Portsmouth, VAHCS (Phoenix, AZ, Greater Los Angeles, CA, Veterans Healthcare System). He is responsible for clinical trial design, grant writing, regulatory affairs with academic, pharmaceutical, and government entities for the development and implementation of improved asthma outcomes research. He has been active on multiple boards including: Chair of the Maricopa County Asthma Coalition, Vice-Chair of the AZ State Asthma Coalition, and Chair of the Arizona State Asthma Coalition.

Certified Asthma Educators in Action



Kristin Homze, RN, MSN, APRN, FNP-BC, AE-C

My name is Kristin Homze and I have been involved with the NAECB since 2003. I have lived with asthma since I was born. There were many times that I went to the ER, maybe more than once in a day, hospitalized, and on Prednisone. I was diligent with medication and tried to learn all I could about what I was taking, even at a young age. Because of this vast experience with the medical community, I decided to go get my BS in Nursing from Simmons College.

I eased right into different positions that allowed me to help people with asthma. I have worked in Community Outreach with the American Lung Association, and then moved into a clinical setting at Harvard Vanguard in the Allergy Department.

I then decided to further my clinical ability and education and finished my Post Master's Certification as a Family Nurse Practitioner. Again, I headed straight for Allergy and Asthma and have stayed in that arena ever since. I am delighted to work with such a talented Board and have the insight of

working with the Original NAECB Members. Between being a clinician and a patient, I am able to see all facets and absolutely understand the importance of the RIGHT kind of asthma education. I deal with patients all the time who have been taught the wrong way to take an inhaler by the ER or another provider. It is vital to asthma management that someone uses the inhaler and other devices the proper way. If they are not getting the medication, they will not get better. I will return to an old ALA tagline, "When You Can't Breathe, Nothing Else Matters." Nothing could be more true...

Novel and Expanded Inhaled Therapeutic Options for Patients with Asthma

Shivani Shah, Matthew Litchfield, Frank Diaferio - Doctor of Pharmacy Candidates, MCPHS University, May 2017

Timothy R. Hudd, BS, Pharm.D., R.Ph., AE-C

The year 2017 is already off to an active start with the approval of two novel inhaled therapeutic options, along with an expanded indication for two products previously approved by the FDA.

[The following is a brief synopsis with links to additional information.](#)

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

CALL FOR AE-C RESEARCH PROPOSALS

The NAECB research committee has an exciting and novel opportunity for all AE-C's. As a part of our charge, we have designed and funded a research grant opportunity for 2017 that proposes to validate the role of AE-Cs. We can agree that quality research is the cornerstone of evidence-based medicine and that evidence-based asthma education optimizes patient outcomes. The mission of the NAECB is to promote optimal asthma management and quality of life among individuals with asthma by advancing excellence in asthma education through the certified asthma educator (AE-C) process.

There exists a great need for validating the beneficial role of AE-Cs within asthma education programs through the research process and this grant opportunity focuses on that validation role.

We invite AE-Cs to apply for the **2017 AE-C Research Grant Award** (see online application). The award recipient(s) will be granted up to \$10,000 to conduct their project. The grant application is due by **April 17, 2017 at 11:59pm**. The research committee will then review applications and the award recipient(s) will be announced no later than July 1, 2017.

We welcome your questions and appreciate your partnership in advancing our collective goals.

Read about the work of NAECB's 2016 Grant Recipient at the following link(s)

<http://www.ggbreathe.org/jimillig/>

<http://www.mnhc.org/news/asthma-mnhc-breathe-california-partner-help-kids-breathe-easier/>

Asthma Camps

FREE Asthma/Respiratory Camp in October 2017 with Camp Soaring Eagle
<https://www.campsoaringeagle.org/>

Camp Soaring Eagle also has free camps for children with diabetes, oncology, children of veterans, kidney disease and more.

For information on camp, contact Juan Morales (Camp Director) jmorales@campsoaringeagle.org or call 928-284-2197.

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/>

19th Annual Allergy & Asthma Conference
Friday, March 24, 2017
Minneapolis Marriott West.

Allergy & Asthma Specialists, P.A. and Clinical Research Institute, Inc. sponsor this day-long program for nurses, nurse practitioners, pharmacists, physician assistants, respiratory therapists, medical assistants, and other allied health team members with an interest in allergic diseases, asthma, COPD, sinusitis, and related disorders. We hope to see you!

- Friday, March 24th, 2017
- Marriott Minneapolis West (9960 Wayzata Blvd. St. Louis Park, MN)
- Presented by Clinical Research Institute and Allergy & Asthma Specialists

If you have questions, call 612-333-2200

Please check the links below for the full agenda, speaker information and registration form:

[2017 Conference Brochure](#)

[2017 Conference Registration Form](#)

Nationwide Children's Hospital

8th Annual Pediatric Asthma Conference May 4-5, 2017 in Lewis Center, Ohio

Date: May 4-5, 2017

Location: Nationwide Hotel and Conference Center, Columbus, OH

Registration: [Click here to register for this conference](#)

- Nationwide Children's Hospital Education Institute
- Nationwide Children's Hospital Department of Respiratory Care

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

Visiting Faculty (confirmed)

- "Management of Asthma in the Yellow Zone" presented by:
Chitra Dinakar, MD,
Gies Foundation Faculty Scholar
Clinical Professor of Medicine
Sean N. Parker Center for Allergy and Asthma Research at
Stanford University, Division of Pulmonary and Critical Care,
Department of Medicine, Stanford University, Stanford, CA

Conference Directors

- [David Stukus, MD](#), Co-Director, Asthma Center Clinic
- Gloria Ayres, RRT, AE-C, Asthma Coordinator

The conference is designed for pediatricians, family practitioners, nurses, respiratory therapists,

social workers, pharmacists and clinical staff from hospital, urgent care and primary care facilities with pediatric asthma patients.

School Age Focused Day One is also directed at school nurses and health professionals for education and practical management of asthma in school age children and the school setting.

Exhibiting Opportunities

For exhibiting opportunities, please contact Sulema Lewis at Sulema.Lewis@NationwideChildrens.org.

Job Postings

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:

April Auman
Practice Manager
97 Cornerstone Drive
Cary, NC 27519

(919) 460-0993 x 105

Fax: (919) 481-3952

www.cornerstonepediatrics.org

**Registered Nurse
Disease Management
Naval Hospital Pensacola, FL**

1. Site of Service. The contractor shall provide personnel for service at the Naval Hospital Pensacola, FL.

3. Qualifications. Each HCW shall adhere to the applicable qualification requirements stated in Section C of the basic contract and shall meet and maintain additional qualifications given below.

3.2. RN Disease Managers shall possess:

3.2.1. Possess two years of full-time broad based registered nurse experience within the preceding 5 years.

3.2.2. Possess and maintain one of the additional certifications listed below:

3.2.2.1. Certified Asthma Educator (AE-C) awarded by the National Asthma Educators Certification Board.

OR

3.2.2.2. Certified Diabetes Educator (CDE) awarded by the National Certification Board for Diabetes Education.

AND Also:

3.2.2.3. Possess and maintain certification in cardiopulmonary resuscitation.

3.2.2.4. Possess familiarity with customer focused and quality improvement principles.

3.2.2.5. Possess familiarity with MS Word, Excel, Power Point, and Access.

3.2.2.6. Possess a valid driver's license and a personal vehicle for use under the task order.

4. Staffing and scheduling.

4.2. The HCWs will be supervised by the Commanding Officer or designated government representative.

4.3. Services shall normally be provided Monday through Friday between the hours of 0630 and 1800, for an 8.5 or 9.0-hour shift, including a .5 or 1.0-hour uncompensated meal break. Services will normally not be required on the day of observance of Federal holidays. At the mutual agreement of the government and the HCWs, alternative schedule may be implemented, such as a compressed work schedule. The HCWs shall each be on duty for about 80 hours every two weeks, except during periods of approved leave and holidays. The department head of Utilization Management and Family Medicine/Internal Medicine may periodically adjust the daily work schedule as needed working within the confines of 80 hours in a two week period. In no instance will the HCWs be required to provide services (on-site service plus approved leave and holidays) in excess of 160 hours each per 4-week period.

4.3. The specific schedule for each 2-week period will be scheduled 1 month in advance by the supervisor or designated Government representative. Any changes in the schedule shall be coordinated between the HCWs and the Government.

4.4. The HCWs will each accrue 8 hours of personal leave (annual plus sick) for each 80 hours worked. The HCWs shall be subject to leave approval in accordance with Section C of the basic contract. The contractor need not provide back-up coverage for contractor personnel during periods of approved leave.

4.5. Holiday compensation shall be provided in accordance with Section C of the basic contract.

5. Duties. As assigned, each HCW shall perform the applicable duties given in Section C of the basic contract in addition to the duties given below.

5.2. The RN Disease Manager

5.2.1. Shall provide disease management services to Government beneficiaries at the Naval Hospital Pensacola and its outlying branch clinics. The primary responsibility of this position is to support all dimensions of this command's disease management program to include those listed below. The RN

Disease Managers shall:

5.2.2. Assist in the development of strategies and prioritizations of disease management efforts.

5.2.3. Develop and coordinate implementation of specific disease management programs in all applicable clinics and branch clinics under Naval Hospital Pensacola. Work with the medical and nursing staff at the hospital and branch clinics to ensure that disease management efforts are properly implemented, maintained, and improved.

5.2.4. Provide education on disease management programs to the medical and nursing staff through lectures, assist visits, consultations and information posted on the Naval Hospital Pensacola Intranet. Contract nurses will travel to branch clinics, as needed, to provide consultative and educational services in support of the Disease Management Program.

5.2.5. Coordinate and manage disease specific clinics, group appointments, and visits.

5.2.6. Provide timely, individualized, self-management education to beneficiaries and their families that are participating in a disease management program.

5.2.7. Contract nurses shall collect and maintain appropriate reference materials from evidence-based medicine websites and journals to serve as a resource for the Disease Management Program and to ensure that disease management efforts are efficient, effective, and consistent with the highest and most current evidence-based standards.

5.2.8. Work with Case Management and Utilization Management to identify best practices and cases that may benefit from alternative levels of care to improve the efficiency and effectiveness of disease management efforts.

5.2.9. Be familiar with the use of databases required for the performance of disease management duties and perform basic data entry, management, and analysis in support of disease management programs.

5.2.10 Assess, monitors, and evaluate the quality, effectiveness, and patient satisfaction with the Disease Management Program through surveys, peer review and other sources of information.

5.2.11. Participate in multidisciplinary team activities and hospital committees to represent the command's disease management program.

5.2.12. Be familiar and able to assist with coding issues related to Disease Management Programs.

5.2.13. Follow and comply with hospital and section policies and regulations when providing nursing care and treatment to beneficiaries.

5.2.14. Report any near miss and/or incident (i.e. medication error, patient fall) using the correct documentation and process as described in standard operating procedures specific to the MTF.

5.2.15. Attend meetings, in-services, and training (excluding military training) as scheduled. This will be documented in personnel folders.

5.2.16. Understand and comply with legal and ethical issues pertaining to confidentiality.

5.2.17. Remain knowledgeable and current in issues involving the disease management arena and documentation of continuing education credits.

5.2.18. Meet all suspense dates and manage workload to maximize productivity and resources.

5.2.19. Be a good communicator and possess good listening and interviewing skills.

5.2.20. Possess excellent customer skills and build harmonious working relationships with MTF personnel.

6. Travel and Transportation:

6.1. Performance of duties may require occasional long distance travel. Reimbursement for allowable travel expenses will be in accordance with Section C paragraph C.11 of the basic contract. Travel shall not occur more than 2 times per task order period unless authorized and approved in advance and in accordance with Section C.11 of the basic contract.

6.2. The HCWs are required to provide their own transportation. In no instance shall the HCWs transport the patients.

BASIC CONTRACT - Registered Nurse

C.8.4.2. REGISTERED NURSE (RN)

C.8.4.2.1. Possess a Baccalaureate Degree in Nursing or an Associate Degree in Nursing or a Diploma from a Nursing Program accredited by the National League for Nursing Accrediting Commission (NLNAC).

C.8.4.2.2. Possess and maintain a current unrestricted license to practice as a registered nurse in any one of the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, Guam or the U.S. Virgin Islands.

**Breathe California
JOB ANNOUNCEMENT
Part-time Asthma Educator**

General Description

The Asthma Educator will work closely with Asthma Program Manager implementing logistics and outreach for All About Asthma (AAA) training program, as well as providing education sessions for childcare providers, teachers, and parents in both English and Cantonese or Mandarin. **Position is approximately 20% time, or about one day a week with schedule flexibility (occasional evenings).**

General Qualifications

- High School graduate with sufficient experience and demonstrated skills to successfully perform the assigned duties and responsibilities
- Ability to speak fluently in Cantonese or Mandarin and English
- High level of proficiency with MS Office Suite (Word, Excel, PowerPoint, Outlook)
- Working knowledge of social media apps and outreach efforts using social media
- Demonstrated ability to teach others health related concepts
- Possess extensive proficiency in browser search engines
- Demonstrated ability to set and keep timelines, and coordinate projects across different locations
- Strong organizational skills and attention to detail
- Ability to independently set priorities, anticipate impediments, and implement solution to manage assigned activities, meet goals and objective according to project timeline
- Ability to prioritize and operate independently
- Must be well organized and able to handle multiple projects
- Have excellent interpersonal, oral and written communication skills
- Must agree to a background check

- Non-smoker
- Ability to travel throughout San Mateo, San Francisco and Contra Costa Counties
- Must be available for some day and evening hours each month
- Valid California driver's license

Desired Qualifications

Experience working with diverse population groups in a wide variety of settings to provide health education outreach and programs; ability to conduct training programs in a culturally appropriate manner; experience with community outreach, agency capacity building and coalition building; knowledge of asthma issues or other issues related to health inequities. Able to work comfortably with diverse communities and audiences experienced with community outreach. Flexible, able to adjust work schedule to meet project demands.

Responsibilities

- Conduct program outreach into the communities of San Francisco, San Mateo and possibly Contra Costa Counties.
- Provide asthma education sessions for programs for childcare providers and parents in both English and Cantonese or Mandarin.
- Conduct program evaluation with Manager and program evaluator.

Please submit a cover letter and resume (no phone calls) to: Breathe California, Golden Gate Public Health Partnership, 1 Sutter Street, Suite 225, San Francisco, CA 94104 or email eliast@ggbreathe.org.

Asthma in the News

Scientists discover peptide that could reduce the incidence of RSV-related asthma

Researchers found that a peptide, called STAT6-IP, when delivered to the lungs of neonatal mice at the time of first RSV exposure reduces the development of allergic-type lung inflammation and airway hyperresponsiveness ("twitchy" airways) in mice when they are "re-challenged" with RSV as young adults.

Researchers isolate protein that causes airway hyper-reactivity in asthma

In an article published in Nature Communications, scientists detail the impact of a protein called SPLUNC1 that, when missing or depleted, can cause asthmatic symptoms, including airway constriction and mucus production.

Study Finds Surprising Link Between Asthma and Kidney Stones in Children

The research team used data extracted from Cleveland Clinic's electronic medical records to look at pediatric asthma and kidney stone patients between the ages of 6 months and 18 years old. They found that kidney stones are four times more likely to occur in children with asthma than in children who don't have asthma.

Flu season nearing its peak, CDC says

According to the Centers for Disease Control and Prevention, the two most common types of the flu virus, Influenza A and B, are spreading at a rate of 12,000 cases per week in 40 states.

Insomnia Linked to Higher Asthma Development Risk

Using data from an ongoing Norwegian adult health survey, researchers investigated the association between insomnia and the risk of developing asthma. Researchers found that those with chronic insomnia had more than 3 times the risk of developing asthma compared to those without chronic insomnia.

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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ASTHMA EDUCATOR
CERTIFICATION BOARD

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