



Champion E-Correspondence

June 2016

This is an e-mail communication related to the American Academy of Pediatrics (AAP) "Medical Home Chapter Champions Program on Asthma, Allergy and Anaphylaxis." It is designed to provide AAP Medical Home Chapter Champions with resources, as well as current clinical and other information. The Champion E-Correspondence is sent on a monthly basis. Feel free to share the Champion E-Correspondence with colleagues. Distribution information appears at the end of this newsletter.

MEDICAL HOME

**CHAPTER
CHAMPIONS**

**PROGRAM ON
ASTHMA
ALLERGY
AND
ANAPHYLAXIS**

Project Updates

Medical Home Chapter Champions Program on Asthma, Allergy and Anaphylaxis (MHCCPAAA)

**DID YOU
KNOW?**

Greetings from Elk Grove Village, Illinois! Did you know a "buddy up" program with the AAP Section on Allergy and Immunology (SOAI) is available as a resource to chapter champions? SOAI members, 200 board-certified pediatric allergists-immunologists, are ready and willing to work together with chapter champions and provide you with support you might need. If you would like to "buddy-up" with a pediatric allergist in your chapter, please contact Dana Bright at dbright@aap.org.

Medical Home Highlight

Promising Practice in State Pediatric Medical Home Programs

The National Center for Medical Home Implementation (NCMHI), in collaboration with the National Academy for State Health Policy (NASHP), is developing state profiles designed to highlight public programs implementing and advancing the medical home model for pediatric populations. In particular, the programs highlighted through this partnership benefit children and youth with special health care needs, including those with asthma, allergies, and other chronic conditions. Chapter champions can view information on various programs across the country and learn about [promising practices](#) in each of these states.

Upcoming Events

- ◆ Webinar: [Coding for Chronic and Transition Care Management Services in Pediatrics](#) (Part 2 of 2), June 7, 10am PT/11am MT/12pm CT/1pm ET
- ◆ Webinar: [Making the Connection: Changing Climate Through Healthy Community Design and Transportation](#) (Part 3 of 4), June 7, 10:30am PT/11:30am MT/12:30pm CT/1:30pm ET
- ◆ Webinar: [Changing Practice: How to Understand and Address Factors that Shape Child Health](#), June 8, 9am PT/10am MT/11am CT/12pm ET
- ◆ Webinar: [Family Participation in Discharge Planning: Voices of Patients, Parents, and Advocates](#), June 9, 12pm PT/1pm MT/2pm CT/3pm ET
- ◆ [Practical Pediatrics CME Course](#), June 16-18, Anaheim, CA
- ◆ Webinar: [Making the Connection: Climate Changes Mental Health](#) (Part 4 of 4), June 29, 10:30am PT/11:30am MT/12:30pm CT/1:30pm ET
- ◆ Webinar: [Understanding Evaluation and Management Coding in Pediatrics](#), June 30, 10am PT/11am MT/12pm CT/1pm ET
- ◆ [7th International Conference on Patient- and Family-Centered Care](#), July 25-27, New York, NY
- ◆ [Pediatric Pulmonary Medicine Board Review Course](#), August 19-22, Phoenix, Arizona
- ◆ [AAP National Conference and Exhibition](#), October 22-25, San Francisco, CA



Reports

Patterns of Growth and Decline in Lung Function in Persistent Childhood Asthma

In a recent [article](#)* published in the *New England Journal of Medicine* (May 2016) researchers tracked longitudinal measurements of growth and decline in lung function in patients with persistent childhood asthma. Of the 684 study participants, 170 (25%) had a normal pattern of lung-function growth without early decline, and 514 (75%) had abnormal patterns: 176 (26%) had reduced growth and an early decline, 160 (23%) had reduced growth only, and 178 (26%) had normal growth and an early decline. At the last spirometric measurement, 73 participants (11%) met Global Initiative for Chronic Obstructive Lung Disease spirometric criteria for lung-function impairment that was consistent with chronic obstructive pulmonary disease (COPD); these participants were more likely to have a reduced pattern of growth than a normal pattern (18% vs. 3%, $P < 0.001$). Childhood impairment of lung function and male sex were the most significant predictors of abnormal longitudinal patterns of lung-function growth and decline. Children with persistent asthma and reduced growth of lung function are at increased risk for fixed airflow obstruction and possibly COPD in early adulthood.

Role of the School Nurse in Providing School Health Services

An updated [policy statement](#), published in the June 2016 issue of *Pediatrics* (published online May 23), calls for a minimum of one full-time registered nurse in every school. The role of the school nurse has evolved and become increasingly important since first introduced in the United States more than a century ago, yet school district policies regarding school nurses lack uniformity and should be updated. The school nurse's job comprises much more than just health services. School nurses provide surveillance, chronic disease management, emergency preparedness, behavioral assessment, ongoing health education and extensive case management, among other duties. The policy statement notes that school nurses today monitor more children with special needs, and help with medical management in areas such as attention-deficit/hyperactivity disorder, diabetes, life-threatening allergies, asthma and seizures.

Leaving Home: Helping Teens with Allergic Conditions Become Independent

A recent [report](#)* published in the *Annals of Allergy, Asthma and Immunology* (May 2016) highlights the unique challenges adolescents face when transitioning to independent living. This monumental time period represents an opportunity for physicians to prepare teenage patients who are leaving home for the first time for the challenges they may face during the transition. The report highlights cognitive development of adolescents, challenges of independent living, risk-taking behavior, and issues pertinent to specific allergic conditions. In addition, the report includes checklists for general discussion items, food allergy preparation, and asthma and allergic rhinitis preparation.

Prenatal Fish Oil Supplementation and Allergy: 6-year Follow-up of a Randomized Controlled Trial

In a follow-up [study](#) published in *Pediatrics* (May 2016), study authors sought to determine whether prenatal Ω -3 (n-3) long-chain poly-unsaturated fatty acids (LCPUFA) supplementation reduced symptoms of an allergy in the six year old child with familial risk. Six-year follow-up of children ($n = 706$) with a family history of allergic disease from the Docosahexaenoic Acid to Optimize Mother Infant Outcome (DOMInO) trial. Women were randomly allocated to receive n-3 LCPUFA-rich fish oil capsules or vegetable oil capsules (without n-3 LCPUFA). Allergic disease symptoms including eczema, wheeze, rhinitis, and rhino-conjunctivitis, were assessed using the International Study of Asthma and Allergies in Childhood questionnaire and sensitization to allergens was measured by skin prick test. Prenatal n-3 LCPUFA supplementation did not reduce IgE-associated allergic disease at 6 years of age. Secondary outcomes were suggestive of a protective effect of the intervention on the incidence of house dust mite *Dermatophagoides farinae* sensitization.

*Subscription log in or purchase may be required to view full article



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Resources

Resources on E-Cigarettes Now Available

The American Academy of Pediatrics Julius B. Richmond Center, dedicated to the elimination of tobacco and secondhand smoke, has created a [webpage](#) dedicated to offering pediatricians resources about electronic nicotine delivery systems, or e-cigarettes. Included on this page are fact sheets, presentations, and information about the AAPs actions on these products.

Resources from the American Psychological Association

[Infoaboutkids.org](#) is an ongoing collaboration of the *Consortium for Science-Based Information on Children, Youth and Families*. The goal is to promote healthy child and family development by highlighting science-based information for those who care for, or work with, children. The site is updated quarterly, with links to well-established, trustworthy websites for parents, other caregivers, and professionals. Multiple conditions are addressed with pertaining resources, including [resources for asthma and allergies](#).

Webinar Recording Now Available: Coordinating Care for Kids – School Nurses Linking with the Medical Home

The American Academy of Pediatrics via the National Center for Medical Home Implementation recently hosted a webinar on Coordinating Care for Kids – School Nurses Linking with the Medical Home. The webinar provided practical examples – with resources associated with those examples – on how school nurses, community-based clinicians, and other providers can implement care coordination successfully. Speakers – school nurses, a family physician, and a pediatrician – shared experiences and approaches to care coordination, focusing on collaboration with community-based pediatric clinicians, other pediatric providers and families in their communities. Access the webinar recording, PowerPoint presentation, and links to the tools and resources discussed by accessing the National Center for Medical Home Implementation [webpage](#), look under “Resources: Coordinating Care for Kids— School Nurses Linking with the Medical Home Webinar.”

Recognize Tobacco in its Many Forms

The Food and Drug Administration (FDA) has updated its [webpage](#) on recognizing tobacco in various forms to include new products on the market.

2015-16 Flu Activity is Decreasing but Remains Elevated

[Flu activity](#) is decreasing in the United States, but remains widespread in some states. Sixty-four flu-associated deaths in children have been reported so far this season. Influenza A (H1N1) virus is still the predominant strain, with a good match to the influenza vaccine. Therefore, it is important to continue to recommend influenza vaccination to all patients and young children, especially those at a greater risk of serious flu complications if they get the flu. The Centers for Disease Control and Prevention (CDC) also recommends that patients suspected of having flu should receive prompt treatment with flu antiviral drugs.

Late Season Vaccination

Providers should continue to encourage vaccination, as influenza viruses are still circulating. This includes infants who were previously too young to get flu vaccine, but who now are at least 6 months of age. Some children 6 months through 8 years of age require two doses of flu vaccine, given 4 weeks apart and no later than June 30. The appointment for a second dose is sometimes missed, so attention and follow-up is needed for this group of children. It is also important to encourage vaccination for pregnant women. A May 2016 article in *Pediatrics*, “[Influenza in Infants Born to Women Vaccinated During Pregnancy](#)”, noted that infants ages 6 months and younger were 70% less likely to get the flu if their moms got the flu vaccine during pregnancy. It also showed an 80% decrease in flu-related hospitalizations among infants whose mothers were vaccinated during pregnancy.



Resources (continued)

Illinois Chapter of the AAP and the Ambulatory and Community Network of Cook County: Innovative and Promising Practice in Pediatric Medical Home Implementation

The Illinois Chapter of the American Academy of Pediatrics (ICAAP) collaborated with multiple partners to expand a small medical home pilot project within a health care system, the [Ambulatory and Community Health Network \(ACHN\) of Cook County](#). With support from the Maternal and Child Health Bureau of the Health Resources and Services Administration, ICAAP implemented an intensive quality improvement project at ACHN of Cook County to successfully improve patient- and family- centered care.

Implementation Insights:

- Build on **existing projects** rather than creating entirely new initiatives.
- **Foster partnerships** with multiple pediatric health stakeholders.
- Implement a rigorous evaluation methodology to **demonstrate impact** of work.

Symposium Proceedings Highlight Ideas for Improving Care for Kids with Chronic Needs

In an effort to jump-start a national conversation on care for children with complex conditions, the Lucile Packard Foundation for Children's Health sponsored a symposium in December, "Designing Systems That Work for Children with Complex Health Care Needs." Experts from around the country discussed issues such as care planning and coordination, national health policy, self-management support, and financing. Speakers highlighted progress made in some areas, and identified potential solutions to ongoing issues. A [new publication](#) of the full proceedings captures the discussions.

Related Request for Proposals: Designing Systems That Work

Following up on ideas discussed at the aforementioned symposium, the Foundation is [seeking applications](#) for grants to develop single-topic issue briefs that describe goals and processes to improve aspects of the system of care for children with chronic and complex health conditions. The briefs must provide specific, scalable recommendations for action related to practice, research, programs, and policy. Proposals are due: **September 15**; selected projects begin **December 1**.

Ohio: Advancing the Medical Home Model in Pediatrics

In December 2014 Ohio was awarded a two-year, \$75 million State Innovation Model (SIM) testing grant to transform the state's healthcare system. As part of this grant, Ohio is launching two statewide health care [transformation models](#) that will work in partnership with an existing multi-payer coalition and Medicaid managed care plans. One goal of the SIM grant is to enroll 80-90 percent of Ohio's total population in value-based payment programs. Two key components of the SIM grant include a patient-centered medical home (PCMH) program and an episode-based payment initiative. Implementing these two components in tandem will encourage care coordination, integration across multiple care settings, and encourage joint accountability for care coordination.

Webinar: Changing Practice: How to Understand and Address Social Factors that Shape Child Health

On Wednesday, June 8 at 1:00pm ET, a [webinar](#) facilitated by the National Center for Medical Home Implementation, will describe the role of the pediatric medical home in identifying and addressing social factors effecting child health outcomes. Social factors impact the health of all children, including those living in rural, urban, and suburban settings.



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Resources (continued)

Updated HealthyChildren.org Information on Peanut Allergies for Parents

HealthyChildren.org has an updated [webpage](#) for parents on peanut allergies and highlights of recent research. The webpage also contains additional information and resource links for food allergies.

Making the Connection: Climate Changes Health

The American Public Health Association (APHA) and ecoAmerica are co-sponsoring a four part webinar series investigating the health impacts of climate change. The webinar recording from Part I, which focused on allergies and asthma, is [now available](#). Slides from the webinar on May 26 focused on Children's Health will be available soon. Dr. Samantha Ahdoot, MD, FAAP lead author of the recently updated (Nov. 2015) AAP policy statement, "[Global Climate Change and Children's Health](#)", was a co-presenter on the Children's Health webinar.

Funding Opportunity

Healthy Tomorrows Partnership for Children Program (HTPCP)

Application Date Due: August 2

[Access Additional Information](#)

Policy and Advocacy

Food and Drug Administration (FDA) to Regulate E-Cigarettes, Set Minimum Purchase Age at 18

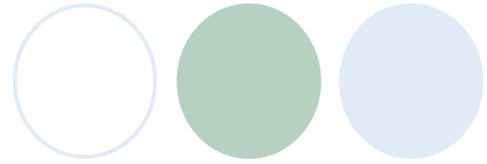
Federal authorities soon will begin regulating e-cigarettes, cigars, and other tobacco products under a new recent ruling. The FDA rule follows years of advocacy by the AAP and other health groups aiming to protect children from addiction to nicotine and the harms of tobacco. Under the [499-page rule](#) that takes effect in 90 days, the FDA will regulate cigars and electronic nicotine delivery systems (ENDS) such as e-cigarettes, e-hookahs, and vape pens. Anyone purchasing such products in person or online must be at least 18 years old and be able to show valid identification. In addition, the products cannot be given out as free samples or sold in vending machines accessible to minors. As the AAP continues its [advocacy](#) efforts, it also urges pediatricians to follow recommendations from its 2015 policy statement [Electronic Nicotine Delivery Systems](#). The policy calls for screening adolescents for use and educating families about the dangers of using ENDS as well as being exposed to secondhand vapors. ENDS also should not be viewed as a way to curb tobacco dependence.

AAP Leadership Meets with HUD Secretary Castro on Smokefree Housing and Lead

On May 4, AAP Executive Director/CEO Karen Remley, MD, FAAP, along with representatives from the American Lung Association,



met with Secretary of Housing and Urban Development (HUD) Julián Castro to discuss the agency's efforts to promote smoke-free policies in federally owned public housing facilities and to curb the presence of lead in homes and communities. The meeting comes after the AAP submitted comments early in 2016 related to a HUD proposed rule published in mid-November that would prohibit all smoking in federally owned public housing and establish a 25-foot smokefree perimeter around these facilities. Dr. Remley discussed with Secretary Castro how HUD can help to curb child exposure to lead in water.



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Ways to Engage

AAP Mentoring Program

Interested in being a mentee, mentor, or both, as well as short-term or flash mentoring? Check out the AAP Mentoring Program. The AAP Mentorship Program aims to promote AAP career and leadership development. Physician mentors will have opportunities to further develop leadership skills and learn about emerging trends from the next generation of their peers. Physician mentees will gain a trusted advisor and learn methods to enhance career advancement. All parties will form professional relationships and share advocacy, professional, and research interests. Review program goals and find additional details [here](#).

Pediatricians in Training FACE Poverty with Latest Advocacy Campaign

The profound effects of childhood poverty prompted the AAP Section on Medical Students, Residents, and Fellowship Trainees to focus its advocacy campaign on the issue. Called [FACE Poverty](#) (Food security, Access to health care, Community, and Education), the campaign empowers pediatricians in training to address many facets of poverty at the community, state, and federal levels. The section encourages all AAP members to get involved in this important topic.

Food Allergy Grant Funding Opportunities

NIH [Consortium for Food Allergy Research: Clinical Research Units \(UM1\) Grant](#)

NIH [Consortium for Food Allergy Research: Leadership Center \(UM2\) Grant](#)

In the News...

- ◆ [School District Takes Students with Food Allergies Seriously](#)
- ◆ [Managing Allergies, Asthma 101](#)
- ◆ [HDM SLIT Tablet Can Reduce Risk of Moderate or Severe Asthma Exacerbation](#)
- ◆ [4 Ways You Can Cut Smog in Your Town](#)
- ◆ [Researchers Identify Biological Pathways That Explains Why Current Asthma Therapies Fail in Many Cases](#)
- ◆ [Yoga Exercise May Reduce Impact of Asthma on People's Quality of Life](#)
- ◆ [Extreme Weather Events May Lead to More Asthma Hospitalization](#)
- ◆ [Blocking IL-1 Signaling Molecule Could Alleviate Asthma Symptoms](#)
- ◆ [Do You Know the 'Hidden' Signs of Asthma?](#)
- ◆ [Severe Asthma in Childhood Linked to COPD Risk Later](#)
- ◆ [Study: Most Asthma Research Does Not Apply to Black Children](#)
- ◆ [New National Survey Reveals That Asthma Patients Most Frequently Use Rescue Inhaler](#)
- ◆ [UA Researchers One Step Closer to Preventing Asthma in Children](#)
- ◆ [New Survey Shows Many Adults Unaware of Common Asthma Symptoms](#)
- ◆ [Researchers Develop SpiroCall That Can Accurately Measure Lung Function Over Simple Phone Call](#)
- ◆ [Study Finds 1,500% Increase in Monthly Poison Center Calls Due to E-Cigarettes](#)



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Chapter Champions Call to Action

Did you know that HealthyChildren.org, the AAP Web site for patients and their families, has newsletters focused on Asthma & the Medical Home and Food Allergies? If patients and families are unfamiliar with HealthChildren.org and the resources contained within, now is a great time to share these resources! At the webpage HealthyChildren.org, under Health Issues, Conditions, there are multiple resources and allergies and asthma. Bookmark and share this [page](#) today!

Please share any feedback you receive from patients and their families on the [program listserv](#)!



As always, we regularly update the [program website](#) with resources that might be useful to champions. Be sure to check out our website!

The AAP [Medical Home Chapter Champions Program on Asthma, Allergy and Anaphylaxis](#) staff provides this e-mail update to the Academy's Medical Home Chapter Champions, other interested AAP members, and staff. Unless explicitly stated, information included in this newsletter does not imply AAP endorsement. For additional information on medical home, visit the [AAP Medical Home Web site](#) and the [National Center for Medical Home Implementation Web site](#). All comments and inquiries can be sent to Nkem Chineme at nchineme@aap.org or 800/433-9016, ext. 4342. If you would like to unsubscribe to the Champions E-Correspondence, contact Nkem Chineme.