



## Completed Implementation Projects 2004-2008

Wisconsin Asthma Coalition (WAC) projects funded partially or completely by the Wisconsin Department of Health Services (DHS) through ongoing grant support from the Centers for Disease Control and Prevention (CDC).

### **Allergist Outreach Asthma Update on the New Guidelines:** 2002 - Ongoing

Children's Health Alliance of Wisconsin (Alliance) has managed Allergist Outreach since 2002 in partnership with Medical College of Wisconsin and a core team of allergists. Allergist Outreach was funded through a variety of sources including: AstraZeneca, GlaxoSmithKline, Schering-Plough, Sepracor, Novartis, Wisconsin Academy of Pediatrics Foundation, and Wisconsin Department of Health Services. The program is sponsored by Children's Health Alliance of Wisconsin, Children's Hospital and Health System, Fight Asthma Milwaukee Allies, Medical College of Wisconsin, Wisconsin Academy of Pediatrics Foundation, Wisconsin Allergy Society and the Wisconsin Asthma Coalition (WAC).

#### Outcomes:

- Over 850 clinicians and clinical staff have participated in the program as of August 15, 2008.
- Program results show improved severity classification, trigger assessment, use of asthma action plans and patient follow-up advice.
- In May 2006, John Meurer, MD, MBA, presented a poster session at the Pediatric Academic Society meeting to share program results.

### **Asthma Educator Institute:** 2004 - Ongoing

ALA/W educational program, the Asthma Educator Institute (AEI), is designed to help prepare individuals to become Certified Asthma Educators (AE-Cs) by providing professionals who have an interest in asthma with the knowledge and tools necessary for the successful assessment and management of asthma patients.

#### Outcomes:

- A total of 156 individuals have attended the AEI program (2004-2007)
- In June 2006, Wisconsin had 73 AE-Cs of which 60% had participated in the AEI

### **Asthma Focused Follow-up Visit:** 2007 - Ongoing

The Clinical Care Workgroup created a simple algorithm to be used during a primary care asthma visit. The algorithm is available online and can potentially be incorporated into an electronic medical records system.

### **Asthma Inhaler Medication Form:** 2006 - Ongoing

In an effort to enhance the resources available to schools regarding the Asthma Inhaler Law (legislation passed in Spring 2006, which now includes private and charter schools, that allows students to carry their inhalers with parental and physician permission), the ALA/W created a universal consent form for permission to carry inhaled medications. This tool was created based on feedback from schools, the Department of Public Instruction and health care providers. The form can be downloaded from multiple websites (ALAW, WAC, and Department of Public Instruction) along with information on the Inhaler Law.

### **Chippewa County Asthma Coalition (CCAC):** 2003 – Ongoing

The CCAC received local asthma coalition mini-grants annually since 2003 to create the local coalition and work plan and then implement identified projects.

#### Outcomes:

- Implemented *Exercise & Asthma* with 10 coaches (2006)
- Implemented *Counting On You* with 17 daycare providers (2006)



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- Included 500 Asthma Control Test (ACT) flyers in the Chippewa County employee paychecks and 650 ACT flyers placed in the St. Joseph's Hospital and Chippewa Falls employee paychecks in cooperation with the Chippewa Falls 2010 Project (2005-2006)

### **Community Asthma Network (CAN): 2006 – Ongoing**

CAN has received local asthma coalition mini-grants annually since 2006 to start a new local asthma coalition in the West Allis-West Milwaukee community. Since that time a new coalition was formed and a local work plan was written.

Outcomes:

- Educational opportunities as local events reached parents of two and three year-olds (2006-2008)

### **Controlling Asthma in the Home: A Guide for Landlords and Tenants: 2007 - Ongoing**

The Education and Environment/Work-Related Asthma Workgroups partnered together to gather the information and create this brochure. The brochure is available online and has also been translated into Spanish and Hmong.

### **Cultural Competence Evaluation of Educational Materials: 2003 - 2007**

The Disparities Workgroup created a tool to evaluate the cultural competence of printed asthma educational materials. The tool is designed to set a standard of care, score asthma educational materials by this standard, and provide suggestions for improvement to these materials. The tool consists of seven domains: language, normative cultural values, folk illnesses, parent/patient beliefs, provider practices, visuals, and an overall assessment. In September 2007, the results were published in the Journal of Ethnicity & Disease, *Leave No Asthmatic Child Behind*. The review tool is available online.

### **Culturally Competent Asthma Education Materials: 2007 - Ongoing**

FAM Allies is taking the lead to create culture-specific add-on asthma educational materials for African American, Native American and Spanish-speaking and Hmong families in Wisconsin to post on WAC & FAM Allies Web sites as additional materials to FAM Allies Toolkit. Material would address issues specific to each culture & how it relates to asthma. FAM Allies is currently coordinating listening sessions throughout the state to gather information on how target groups address health.

### **Dane County Asthma Coalition: 2005 - Ongoing**

The Dane County Asthma Coalition has been in existence since 2005 and has received local asthma coalition mini-grants annually since 2006. The goal for the project is to increase the use of evidence-based, best practice guidelines for the diagnosis and management of asthma by all health care providers by insuring that best practice guidelines are followed in all three local hospital emergency departments (ED). A secondary goal was to reduce acute care visits for asthma by implementing a program that encourages improved asthma education and follow-up care. DCAC's objective is to build capacity within each emergency department to deliver this care.

Outcomes:

- Standardized asthma treatment guidelines for children and adults seen in emergency departments have been developed: an asthma action plan, brief asthma education sheet with discharge instructions, and an asthma treatment algorithm for providers.
- Implementation of the ED asthma treatment program occurred at the University of Wisconsin Hospital ED in January 2007. Meetings have occurred with staff of the ED's at both Meriter and St. Marys' Hospitals. Implementation at St. Mary's is set for September 2007.
- There are assigned hospital-based coordinators at both UW and St. Mary's Hospitals

### **Education for Teachers, Childcare Providers and Coaches: 2004 - Ongoing**

American Lung Association of Wisconsin (ALA/W) provides education in areas of the state not otherwise covered, teaching children and adults with asthma to understand and manage their illness so they can lead more normal lives. A key part of the



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program is ALA's facilitation of asthma-care partnerships involving school nurses and educational staff as well as physicians, families and ALA volunteers.

**Outcomes:** The following is a reflection of only those programs delivered with CDC funding

- A total of 26 professionals were trained (2006-2007) to implement the educational programs
- *Asthma 101*, in-service for elementary and secondary school personnel – 204 participants (2005-2007)
- *Counting on You*, teaches childcare providers how to identify and manage asthma in children in their care environment - 243 participants (2004-2007)
- *Exercise & Asthma*, provides workshops and information to physical education teachers, recreational coaches and instructors, and any adult who supervises children engaging in physical activity - 35 participants (2005-2007)

### **Evaluation of Educational Materials:** 2004 - 2006

The Education Workgroup completed their review of educational materials that are currently being used throughout WI. Collected materials were reviewed, using a tool from Allies Against Asthma, for usability and compliance with the National Asthma Education and Prevention Program Guidelines.

### **Fight Asthma Milwaukee (FAM) Allies:** 2003 - Ongoing

FAM Allies is a local coalition that has been in existence since 1994 providing educational events, nurse outreach, community organizing and program evaluation.

**Outcomes:**

- Educational events, including Asthma Survival Skills for Parents, Asthma Care at Childcare and Teaching Asthma Management for Clinicians taught 2573 individuals (2005-2007)
- The Family House coordinator contacted 379 households with a child(ren) with asthma during visits to homes in zip code 53206. (2005-2007)
- Twelve urban children with asthma attended Camp WIKIDAS, a weeklong summer camp for children ages 8 through 13 with moderate to severe asthma. (2006-2007)
- A total of 81 children with asthma were served through nurse outreach. (2006-2007)
- A home visiting nurse with Wheaton Franciscan Health Care completed 86 home visits for 25 African American children with asthma, with 60% achieving significant improvement in asthma control. (2006-2007). Home asthma nurse completed programs with 78 children (73%) completed 4-6 home asthma education visits and all had asthma in good control at discharge. (2005-2006)
- Aurora Visiting Nurses Association (VNA) provided home visits for 12 children with asthma in the Milwaukee area. (2006-2007)
- Aurora provided case management for 26 children at Urban Day School and North Division High School, both in top priority zip 53206, and asthma education for 42 students at Urban Day. (2006-2007)
- Eighteen parents of children with uncontrolled asthma in zips 53206 or 53208 enrolled in the nurse outreach study. All children are African Americans insured by Medicaid, with most parents lacking a high school diploma and have a smoker in their home. (2006-2007)
- Sixteenth Street Community Health Center served a total of 51 children in 45 mostly Spanish-speaking home residing in zip code 53204, averaging 3 home visits per family. The Asthma Community Health Worker evaluated home asthma triggers, taught families to reduce exposure, and reinforced asthma self-management including an asthma action plan with guidance from Asthma Educators. Fifteen families received integrated pest management to abate rodents and cockroaches with 6-month follow-up re-treatment, as needed. (2005-2006)



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### Fond du Lac Asthma Management Coalition (FdLAMC): 2003 - Ongoing

FdLAMC has been in existence since 2003 and has received local asthma coalition mini-grants annually to implement projects.

#### Outcomes:

- FdLAMC held one-day asthma camps for 35 children to include education, activities and provided each child with a peak flow meter and spacer. In addition 9 parents took part in a one-hour session offered during the camp. (2005-2007)
- Implemented *Asthma 101* for 8 staff members at five 4K sites (2005-2006)
- Implemented *Tools for Schools* in 5 additional schools. A "No Pet Policy" was implemented at all schools where *Tools for Schools* was implemented. (2005-2007)
- Implemented *Exercise & Asthma* with 85 coaches and physical education teachers (2005-2007)
- Implemented *Counting on You* with 26 daycare providers (2006-2007)
- Distributed seven issues of the *AIM* newsletter to schools, pharmacies, daycares, libraries and clinics throughout Fond du Lac County (2005-2007)
- Educational opportunities at partner events reached 350-400 people (2006-2007)

### Fox Valley Asthma Coalition (FVAC): 2005 - Ongoing

FVAC was established in 2005 and received a local asthma coalition mini-grant in 2006.

#### Outcomes:

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### Green Bay Area Asthma Coalition (GBAAC): 2004 – Ongoing

GBAAC was established in 2004 and has received local asthma coalition mini-grants in 2005 and 2006.

#### Outcomes:

- Provided summer and winter asthma camps for 35 children (2005)
- Partnered with ALA/W to host an AEI in Green Bay (2006)

### La Crosse Partners: 2000 – Ongoing

The La Crosse Partners was established in ?? as a local coalition of the American Lung Association of Wisconsin. The coalition has grown since that time and has become the La Crosse Partners. The La Crosse Partners have received local asthma coalition mini-grants annually since 2004.

#### Outcomes:

- Orally surveyed Hmong families in the Women, Infants, and Children (WIC) Program at the La Crosse County Health Department and the City of La Crosse School District reaching 44 household, representing 333 members of the Hmong community in La Crosse. Survey results show an overall lack of self-knowledge of asthma and an interest in education through videos and brochures as well as some interest in face-to-face education (2006-2007)
- Literature from both the Wisconsin Asthma Coalition and Children's Hospitals and Clinics of Minnesota were adapted to create a unique brochure for La Crosse County Hmong resident (2006-2007)
- Implemented the *Allergist Outreach* program with Ho-Chunk Health Center staff (2005-2006)
- Roundtable discussions were held on 2 occasions with representatives of the Ho-Chunk Nation revealing the following opportunities for follow up asthma education including programs for day care and schools, teachers and Administrative Board of the Ho-Chunk Nation. Other educational opportunities included education at Pow-wows, attendance at ALA/W Asthma Educator Institute and purchase of educational materials (2005-2006)
- La Crosse Asthma and Tobacco Coordinated Campaign to conduct and *Asthma and Tobacco Summit* and an *Asthma and Smoke-free Home Campaign* (2004-2005)



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### **Legislative Council Study on Asthma: 2004**

This project was also funded by the Wisconsin Allergy Society. The Legislative Council Committee is made up of legislators and lay citizens who study a selected group of issues and offer a final report that includes legislative and policy recommendations. The study subjects are “nominated” by legislators, private citizens and organizations that have an interest in a specific issue and feel the need for further statewide study and evaluation. The expected outcome was an increased understanding and governmental knowledge of the subject and possible legislative/policy related actions that could positively impact the population(s) affected. Legislative Council Studies are only selected every other year. Asthma was not selected for a study.

#### Outcomes:

- One-on-one educational meetings were held with all 20 committee members, half of the Senate, and a quarter of the Assembly
- A Legislative Asthma Symposium was organized by the Joint Legislative Council to offer information on the asthma trends and issues in WI

### **Low-Sulfur Fuel Program: 2003 - 2004**

The use of low-sulfur fuel in diesel school buses lowers the emissions of sulfur dioxide. The cost of low-sulfur fuel is only a few cents more per gallon than the cost of regular diesel fuel. Prior to the new requirement to use low-sulfur fuel in diesel school buses, WAC partnered with DNR and Laidlaw school bus company (serving Milwaukee and West Milwaukee) to pay the difference in cost of low sulfur fuel to be used in diesel school buses in targeted areas.

### **Manitowoc County Asthma Coalition: 2005 – Ongoing**

The Manitowoc County Asthma Coalition was established in 2005 and received a local asthma coalition mini-grant in 2006 to implement *Counting on You* with daycare providers.

### **Marathon County Asthma Coalition (MCAC): 2003 – Ongoing**

MCAC was established in 2003 and has received local asthma coalition mini-grants annually.

#### Outcomes:

- Screened 12 children and 45 adults for asthma. Referred 8 children and 36 adults to make an appointment to see a healthcare provider for asthma and/or allergies. (2006 – 2007)
- Surveyed Marathon County child care providers and coaches regarding their knowledge and practice of asthma control. A total of 140 child care providers and 231 coaches completed the survey with a return rate of 42% and 15% respectively. There were 67 child care providers and 94 coaches who requested asthma education. The majority preferred written education. (2004-2005)
- Created and distributed 3 asthma newsletters and *One Minute Asthma...What You Need to Know* by Thomas F. Plaut, M.D. mailed directly to 67 child care providers and 94 coaches. Participants were re-surveyed to determine if their confidence level in assisting a child or student who is having asthma attack increased as a result of the four doses of asthma education they received. Confidence levels were shown to have increased and after receiving the asthma education from the MCAC, there weren't any childcare providers or coaches who reported having no confidence in their ability to assist a student or child who is having an asthma attack. (2005-2006)

### **Menominee Tribal Clinic: 2003 - Ongoing**

House a respiratory therapist in clinic 1-2 days/month to provide patient asthma education at both an asthma clinic located within the Tribal Clinic as well as within the local schools, conducts school in-services for teachers and staff and conducts other educational programs as opportunities arise.

#### Outcomes:



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- From 2006 – 2007, a total 48 patients were seen by the respiratory therapist
- Currently have two certified asthma educators on staff at the clinic
- The first camper from the Menominee Tribe was sent to Camp WIKIDAS in 2007.

### Radio Ad: 2006 - Ongoing

In response to the Surgeon General's report connecting second-hand tobacco smoke and asthma, the Education Workgroup partnered with a Marquette communications class to create public awareness radio ads. The Education Workgroup utilized students' radio ads to create a 30 and 60 second ad targeted toward college students. The ad is designed to raise awareness of how tobacco smoke impacts asthma. Three scenarios are used including smoke at a party, walking through smoke on the way to class and how smoke on someone's clothes can trigger an attack. There is an additional space on the end of the ad for local communities to add their own trailer.

The radio ad was promoted to radio stations in Fond du Lac, Wausau and Milwaukee during May 2008 and was played in Fond du Lac and Wausau. The ad was also placed on the Children's Health Alliance of WI main web page and the WAC web page where it remains. The ad is available online and can be used by WAC members.