

New NHLBI Asthma Curriculum for Training Promotores/Community Health Workers

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Division for the Application of Research Discoveries
National Heart, Lung, and Blood Institute

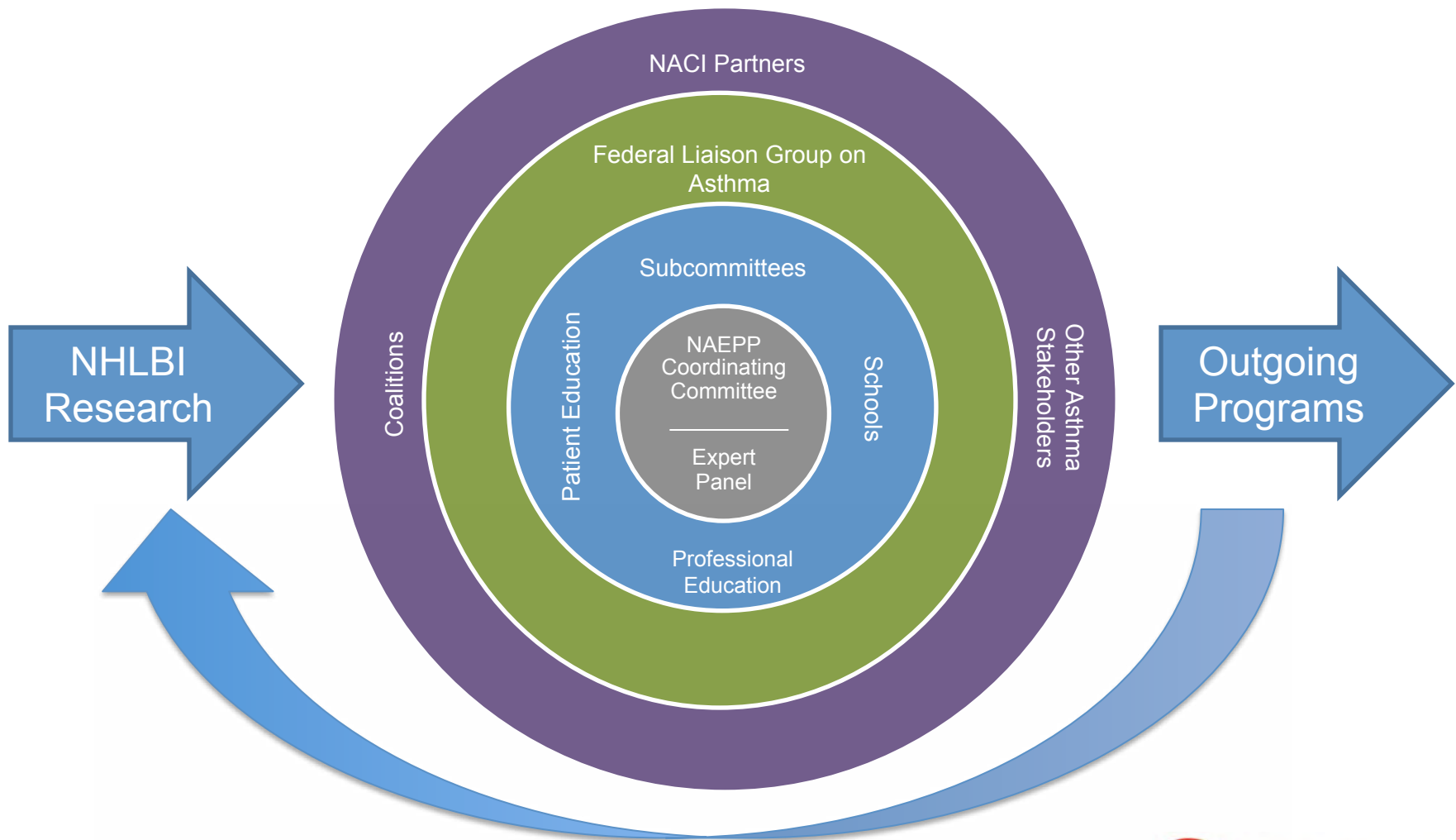
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National Asthma Education and Prevention Program (NAEPP) - Goals

- **Translate** research findings—clinical recommendations
 - Since 1972 NHLBI-legislative authority to translate research findings for health professionals, patients, and the public.
- **Develop & stimulate** partnerships for dissemination & implementation
- **Coordinate** federal asthma activities
 - Children's Health Act of 2000 (H.R. 4365, now P.L. 106-310)
- **Catalyze** action by numerous organizations across the nation to improve asthma care.

The NAEPP Design and Framework

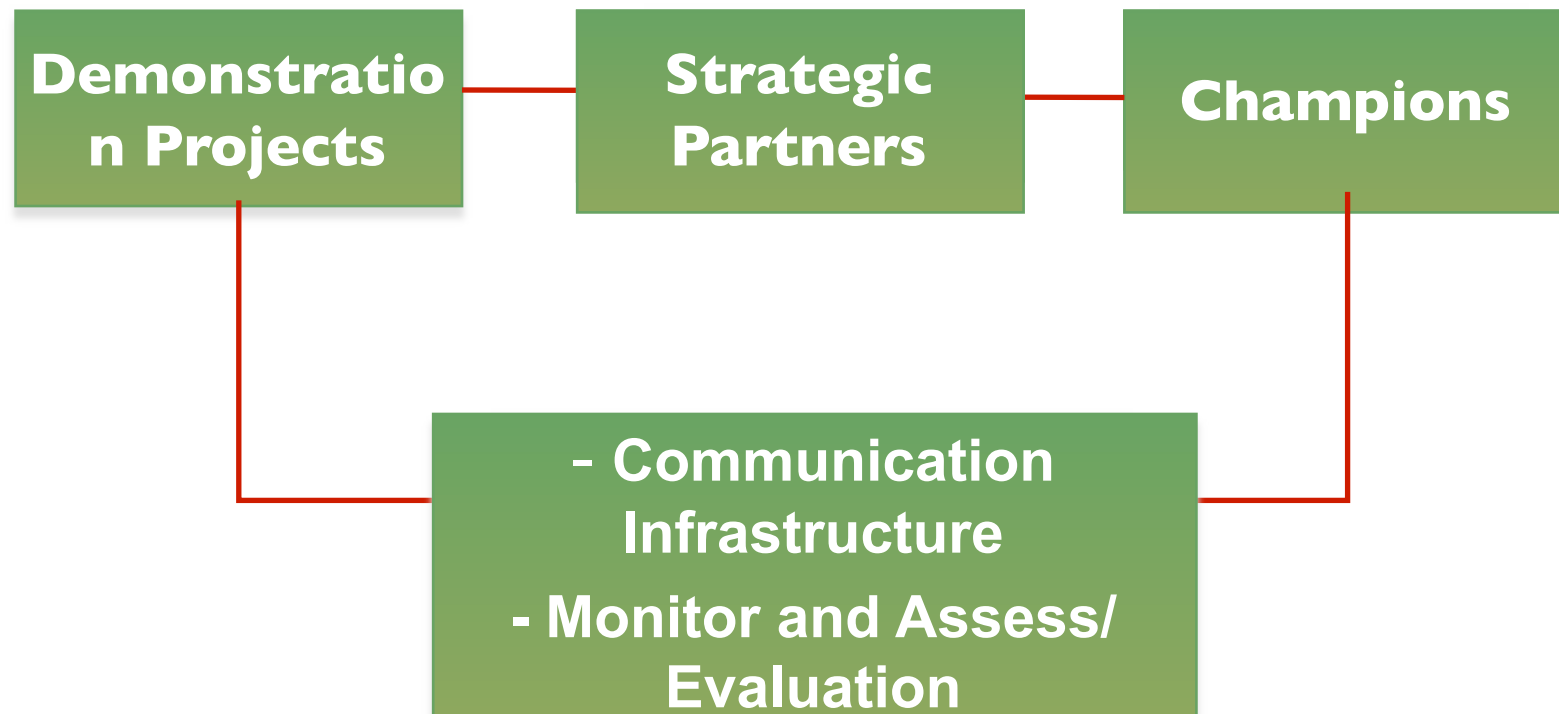


National Asthma Control Initiative (NACI)

1. Convene and energize national, regional, state, and local leaders
2. Develop communication infrastructure
3. Mobilize asthma champion networks
4. Demonstrate evidence-based interventions for specific audiences
5. Monitor and assess NACI progress



National Asthma Control Initiative (NACI)



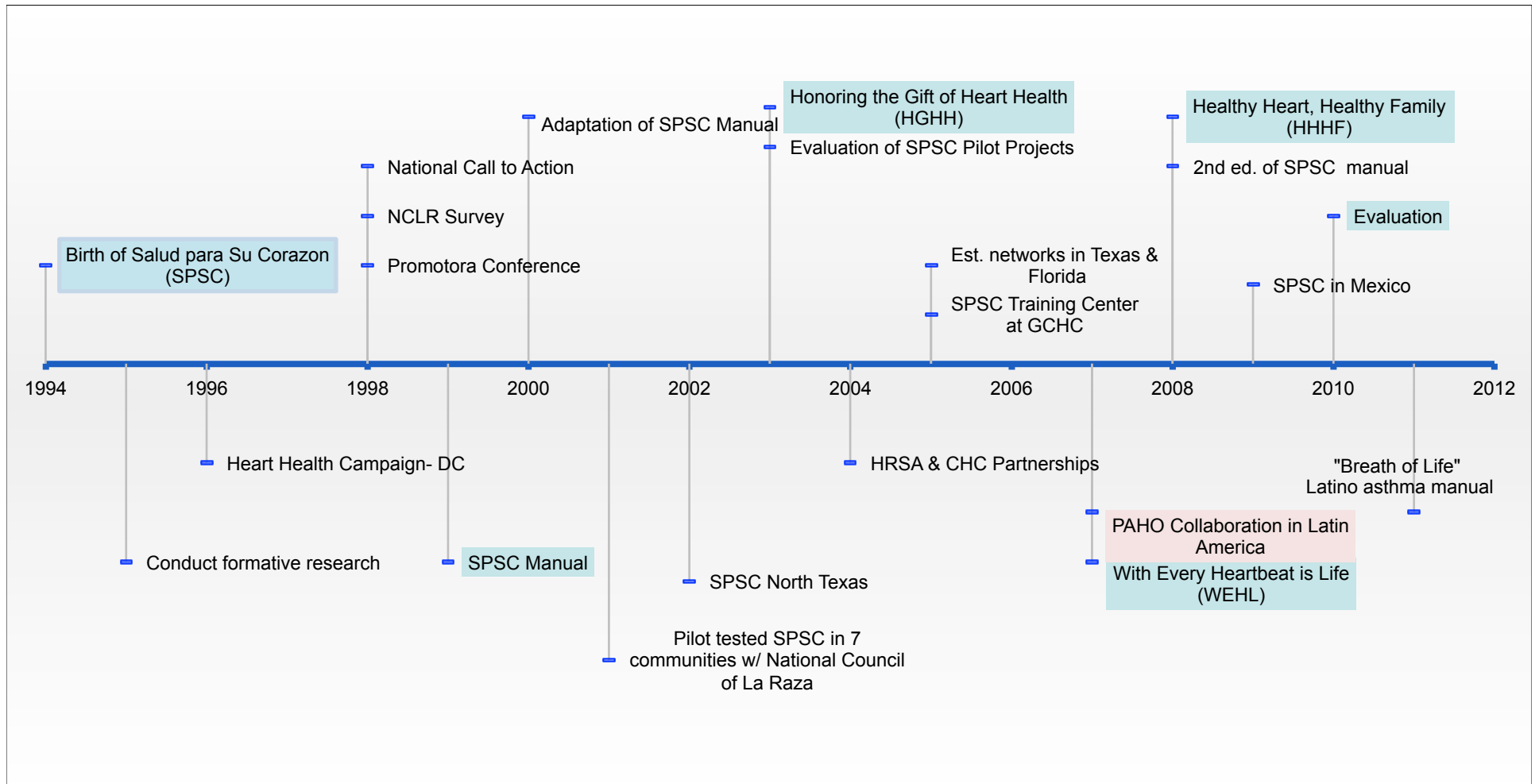
The NHLBI's Community Health Worker Health Disparities Initiative

The purpose of the Initiative is to **empower community health workers** (CHWs) to be an integral part of a public health approach to decrease health disparities in cardiovascular, lung, and blood diseases in underserved and minority communities.

The Initiative's Goals

- **Showcase CHWs' role** in improving heart health and asthma control in underserved and minority communities
- **Develop and grow partnerships** to implement and sustain NHLBI CHW programs
- **Implement, evaluate, and sustain** NHLBI CHW programs
- **Build the capacity of CHWs** to implement NHLBI CHW programs

Evolution of CHW Health Disparities Initiative



CHW Heart Health Program Training Manuals

Your Heart, Your Life/Su Corazón, Su Vida

Latinos

With Every Heartbeat is Life

African Americans

Honoring the Gift of Heart Health

American Indians and Alaska Natives

Healthy Heart, Healthy Family

Filipino Americans



CHW Heart Health Programs

- CHW-driven CVD risk factor education
- Culturally responsive and language appropriate
- Manuals, picture cards, and risk factor booklets are excellent training resources for CHWs
- Flexible for different community and clinical needs



Community Health Worker Training
Boston Housing Authority

Implementation Strategies

Strategy 1: Train the Trainer

Strategy 2: Community Education
(with or without health screenings)

Strategy 3: Lifestyle & Clinical
Management



Partnership Engagement

Promote

- Disseminate NHLBI materials in your outreach activities.

Train

- Use the NHLBI curricula to train CHWs and build capacity.

Implement

- Put NHLBI's CHW programs to work in your community and reduce health disparities.

Connect

- Interact with a dynamic network of CHWs and organizations to share and discuss programs via Webinars, e-newsletters, etc.

Examples of Partners

- Professional Organizations
 - Association of Black Cardiologists
- Government Agencies
 - Department of Housing and Urban Development (HUD)
 - Indian Health Service (IHS)
 - Health Services & Resources Administration (HRSA)
 - Pan American Health Organization
- Community Based Organizations
- CHW Networks
- Academia
- Clinics

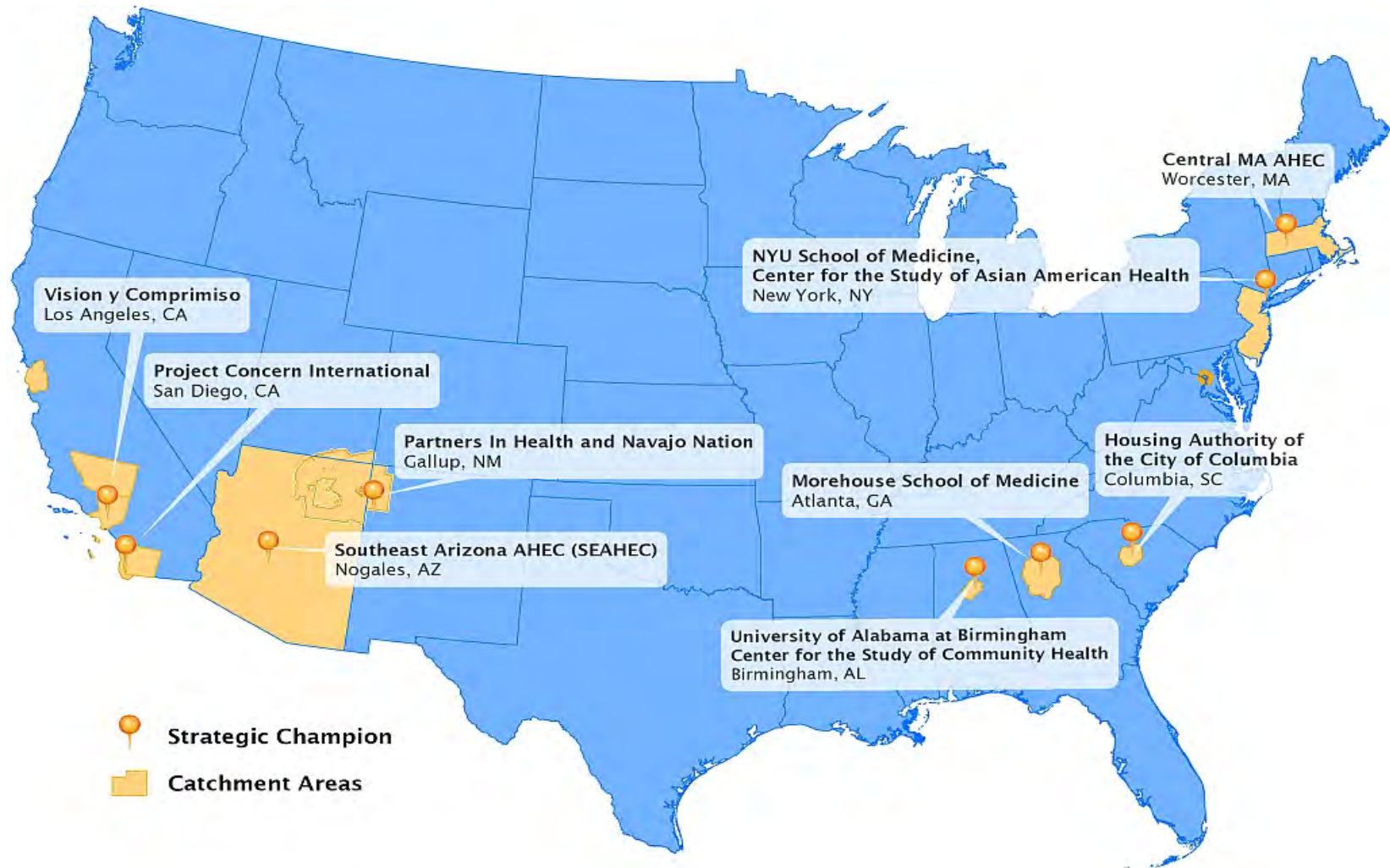
CHWI Strategic Champions-Purpose

To implement innovative projects with strong community and academic partnerships targeted at underserved and minority communities by expanding heart health training, education and support for CHWs and community participants.

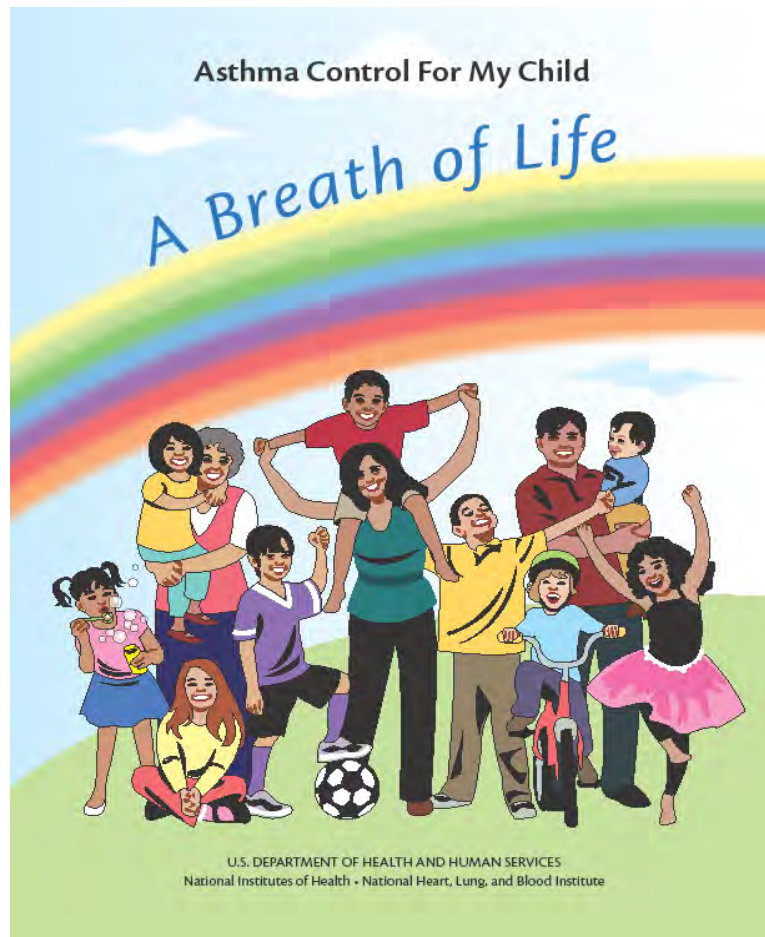
Strategic Champions

Strategic Champion Organization	Target Area	Target Population(s)
Central Massachusetts Area Health Education Center	Training in 3 communities to target all Massachusetts	African Americans, Latinos
Housing Authority of the City of Columbia	Columbia, South Carolina	African Americans
Morehouse School of Medicine	Greater Atlanta Area, Georgia	African-American women
New York University School of Medicine, Center for the Study of Asian American Health	San Diego and San Francisco, California; Hudson County, New Jersey	Filipino Americans
Partners in Health and Navajo Nation	Navajo Nation in New Mexico and Arizona	American Indians in Navajo Nation
Project Concern International	San Diego, California	Filipino Americans, Latinos
Southeast Arizona Area Health Education Center	Arizona	American Indians, Latinos
University of Alabama at Birmingham	Birmingham, Alabama	African Americans
Visión y Compromiso	Los Angeles and Kern Counties, California	Latinos

Strategic Champion Locations



A Breath of Life: Asthma Control for My Child



Why are we developing this curriculum?

- Success of Salud para su corazón (and promotores) reaching Latinos in CVD
- NAEPP's Update of Guidelines (EPR-3)
- NAEPP's Guidelines Implementation Panel Priority Messages
- Burden of Asthma in Latinos

Burden of Asthma in Latinos

- An estimated 25.7 million Americans had asthma in 2010.¹ Seven million of them were children.²
- In 2010, about 3.6 million Hispanics/Latinos in the United States reported that they currently have asthma, including nearly 1.4 million children.³

¹Bloom B, Cohen RA, Freeman G. Summary health statistics for U.S. children: National Health Interview Survey, 2010. National Center for Health Statistics. Vital Health Stat 10(250). 2011. http://www.cdc.gov/nchs/data/series/sr_10/sr10_250.pdf.

²Schiller JS, Lucas JW, Ward BW, Peregoy JA. Summary health statistics for U.S. adults: National Health Interview Survey, 2010. National Center for Health Statistics. Vital Health Stat 10(252). 2012. http://www.cdc.gov/nchs/data/series/sr_10/sr10_252.pdf.

³Akinbami LJ, Moorman JE, Bailey C, et al. Trends in asthma prevalence, health care use, and mortality in the United States, 2001–2010. NCHS data brief, no 94. Hyattsville, MD: National Center for Health Statistics. 2012. <http://www.cdc.gov/nchs/data/databriefs/db94.pdf>.

Burden of Asthma in Latinos

- Puerto Ricans have the highest rates of asthma, asthma attacks, and deaths due to asthma. Among Puerto Rican children, the asthma rate in 2010 was about 20% (1 in 5), more than double the rate among Hispanic children overall.⁹

⁹CDC 2012. National Health Interview Survey Data 2010. Table 4-1. <http://www.cdc.gov/asthma/nhis/2010/table4-1.htm>.

Strategic Planning

Internal/external discussions and review of Latino asthma education programs confirmed need for:

- science-based promotores-led program, sensitive to language preferences, cultural values, and barriers
- educational tools that incorporate adult learning and popular education approaches, and are flexible to allow adaptation by programs

Target Populations

- Promotores/Community Health Workers
- Latino parents of children (ages 5-11) with asthma
- Children with asthma
 - Indirectly by teaching parents skills, and coaching parents

Curriculum Strategy

- Train promotores/CHWs to teach parents
- Teach Latino parents of children with asthma by a trained promotora who:
 - is connected to a clinical setting
 - helps parents gain knowledge, skills, and confidence to teach children to manage their own asthma
 - dispels myths and barriers
 - serves as patient/family navigator
 - makes home visits, as prescribed

Curriculum Sessions

***Introduction to the Training: The Role of Promotores/
CHWs in Asthma Control**

Session 1: What is Asthma?

Session 2: My Child's Asthma Medicines

Session 3: The Asthma Action Plan

Session 4: My Child's Asthma Triggers

**Session 5: Asthma Control for My Child at School and
With Care Givers**

***Session 6: Home Visits for Promotores**

* These sessions are part of the CHW training and are not included in the five-session program for parents.

Development of Tools

- **Bilingual materials include:**
 - Teaching/training manuals(one in Spanish; one in English)
 - DVD in Spanish with English subtitles,
 - Bilingual picture cards
- **Evidence-based; follows recommendations of:**
 - NAEPP Expert Panel Report (EPR-3)
 - Guidelines Implementation Panel's (GIP) priority messages

GIP Messages

- **Use inhaled corticosteroids to control asthma.**
- **Use written asthma action plans to guide patient self-management.**
- **Schedule follow-up visits at periodic intervals.**
- **Control environmental exposures that worsen the patient's asthma.**
- **Assess asthma severity at the initial visit to determine initial treatment.**
- **Assess and monitor asthma control and adjust treatment if needed.**

Sample Picture Card

¡Si su niño tiene asma, no está solo!



Your child with asthma is not alone!

1.1

Sample Picture Card

Reach the goals of asthma treatment

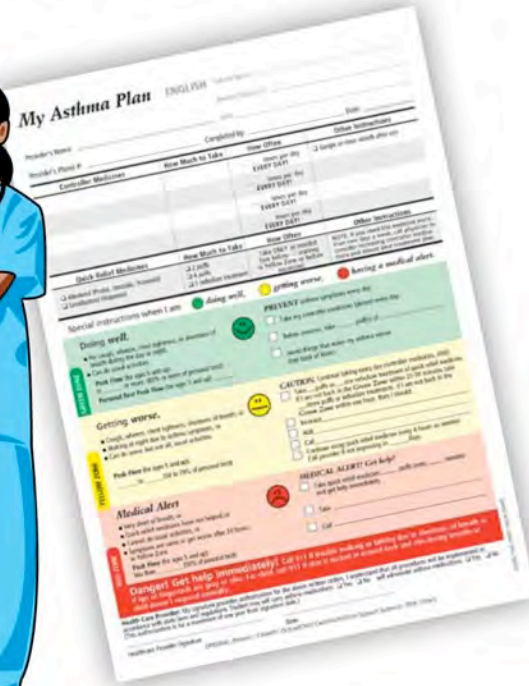


Logre las metas del tratamiento de asma

1.8

Sample Picture Card

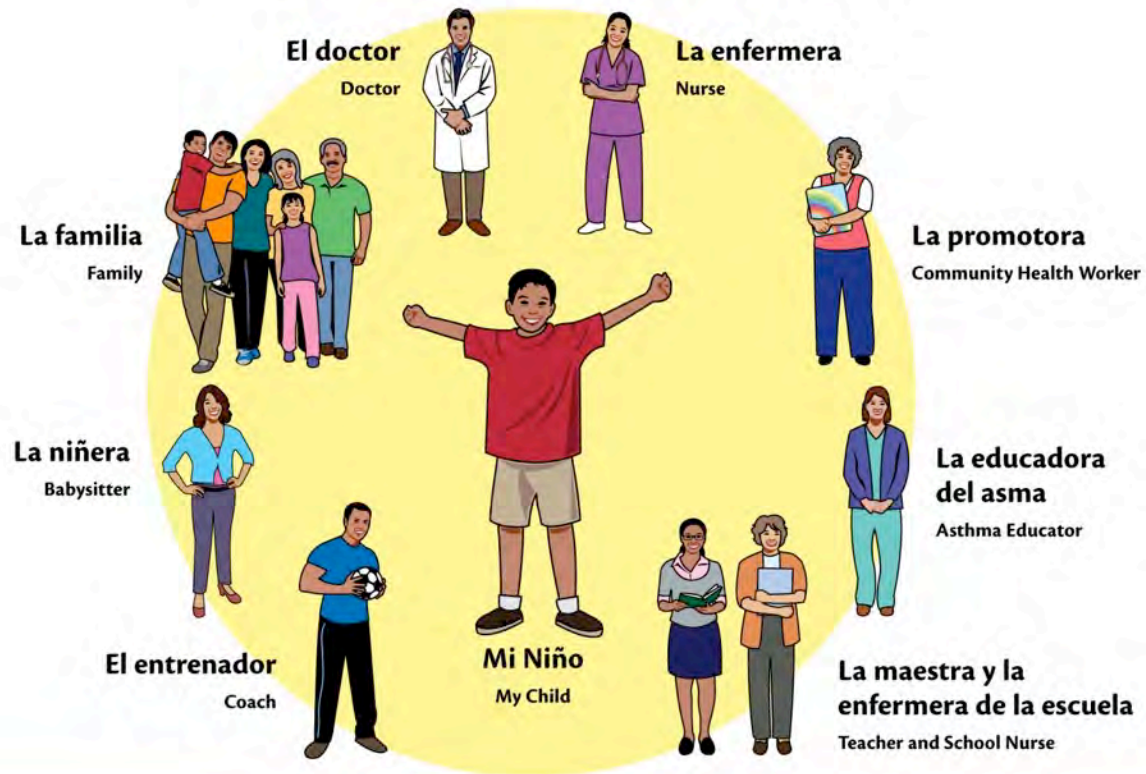
¡Somos un equipo y tenemos un plan!



We are a team and we have a plan!

2.6

El equipo del asma de mi niño



My Child's Asthma Team

5.3

Implementation Plan

- Establish and sustain partnerships in areas of:
 - Training
 - Promotion
 - Utilization
- Design program evaluation
- Promote curriculum within existing asthma and other health education programs led by CHWs
- Link with NAEPP activities
- Utilize CHW Health Disparity Website

¡GRACIAS!

Contact

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