Welcome

Keeping Homeless Children Safe from Lead Poisoning
WEBINAR featuring Todd Ziegler, NNCC

February 28, 2012
We will begin promptly @ 2PM EST

Event Host
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Todd currently manages the NNCC’s environmental health prevention programs serving low-income and homeless families in Philadelphia. He coordinates the Lead Safe Babies – Families in Transition program and the Asthma Healthcare Access Project.
The Lead Safe Babies – Families in Transition (LSB FiT) Program

www.nncc.us
What is the NNCC?
Four Main Focuses

1. Consultation
2. Policy
3. Applied Research
4. Health Promotion Programs
Health Promotion at NNCC

- In-Home Environmental Health
  - The “Home Visiting Model”

- Programs
  - Lead Safe Babies
  - Asthma Safe Kids
  - Healthy Homes for Childcare
Impacts of Childhood Lead Poisoning

- Health Impacts
  - Learning Disabilities
  - Behavior Problems
  - Brain Damage

- Economic Impacts
  - $43.4 billion annual cost for lead poisoning
  - Environmental Health Perspectives • VOLUME 110 | NUMBER 7 | July 2002
Lead – Where Did it Come From?

- Lead Industry – Info here (look in recent slideshow)
- Was not banned from residential paint until 1978
- Typical Lead Hazards
  - Dust
  - Paint Chips
  - Soil
  - Toys
  - Jewelry / Make-up
High-Risk Populations

Childhood Lead Poisoning Risk Analysis
Philadelphia, Pennsylvania

Lead Poisoning Risk

Median Housing Price
The Original – Lead Safe Babies

- Background
  - First Home Visiting Primary Lead Prevention Program in U.S.
  - Began in North Philadelphia – Temple Health Connection
The Original – Lead Safe Babies

- Program Model
  - Home Visits / Education
  - Incentives / Cleaning Supplies
  - Outreach Workers from the community
    - Nurse-Managed Health Centers
  - Lead Dust Swipes
    - Referred to CLPPP for follow-up remediation services
    - Lead Screening Reminder at 9 months
Reaching High-Risk Communities

Number of Kids with BLL of 5 or higher, 2007

Number of Children w/ BLL's ≥ 5
- 0
- 1 - 10
- 11 - 50
- 51 - 100
- 101 - 250
Reaching High-Risk Communities

LSB Home Visits and Number of Kids with BLL of 5 or higher

- LSB Home Visit

Number of Children w/ BLL's > or = 5

- 0
- 1 - 10
- 11 - 50
- 51 - 100
- 101 - 250
The Original – Lead Safe Babies

- **Successes**
  - EPA Award
  - Over 10,000 Served in high-risk communities
  - Replicated in DC
  - Evaluation Results / Outcomes
The Original – Lead Safe Babies

- Challenges
  - FUNDING!!!
    - Funded by Centers for Disease Control
  - Underserved Populations
    - Immigrants / Refugees
    - Homeless

- Innovative Approach
  - HUD Funded – Lead Outreach Program
Why are homeless children at higher risk for lead?

- AAP suggests:
  - Inadequate data on BLL's
  - Known risk factors including
    - Poverty
    - Poor Nutrition
    - Dilapidated Older Housing (lead hazards) before homelessness
    - Dusty Environments
PEC Study

- Report “Philadelphia Children and Youth Experiencing Homelessness”
  - People’s Emergency Center (PEC) subcommittee: Children’s Working Group

- 6.9% of children in emergency housing lead poisoned (above 10ug/dl)
  - Compared to 2.9% of all children
Lead Safe Babies – Families in Transition

Goal

- Ensure homeless children and their families are connected to lead poisoning prevention services in Philadelphia

Program Summary

- Systematized approach to reaching homeless families with lead prevention services and education
LSB-FiT Objectives

- Establish partnerships with agencies
- Organize and systematize a process to connect families to prevention services
- Provide direct primary prevention education
- Work with program partners to refer clients into primary prevention home visiting services
- Provide education workshops to homeless shelter directors and their staff
U.S. EPA Targeted Grant to Reduce Childhood Lead Poisoning

- **Overview**
  - Funds projects to reduce the incidences of childhood lead poisoning in vulnerable populations

- **Goals**
  1. Reduce lead poisoning in areas with high incidences of elevated blood-lead levels through outreach and education
  2. Identify and reduce lead poisoning in under-studied areas with high potential for undocumented EBL’s through data gathering and monitoring
  3. Develop tools to address unique and challenging issues in lead poisoning prevention, especially tools that are replicable and scalable for other areas
Mission:
- Support low-income families by providing family-centered services to help them protect their children from lead poisoning and other environmental health threats.
- Provide direct outreach to reduce children’s exposure to lead and other environmental health hazards
  - Screening
  - Education and Training
  - Partnerships
  - Policy and Advocacy
Focus on simple techniques to reduce lead exposure

- Identifying lead hazards
- Reducing lead exposure through:
  - Wet Mopping / Wet Dusting
  - Hand-Washing
  - Healthy Foods / Nutrition

Power-Point presentation (Next 5 Slides)

- Visually focuses
- Low-literacy
You Can Keep Your Child Safe!

• Wet Mopping / Wet Dusting
• Washing Hands and Toys
• Healthy Diet
• Lead Testing
• Prevention Services
Lead Poisoning Happens When

- Lead Dust Sticks to Fingers
- Children put fingers in mouth
Healthy Foods Prevent Lead Poisoning
Test Your Child for Lead!

- First Test
  - 9 months to 1 year

- Follow Up
  - 6 months after first

- Every Year until 6

- KNOW YOUR NUMBER
Educational Workshops

- Typically group workshops (5-15)

- Educational Handouts / Coloring Books

- Incentives
  - Gift Cards (in-kind)
  - Tote-bags
  - Donations

- Questions and Active Discussion encouraged!
Referrals / Home visits to permanent housing
- Difficult to track population once the leave site
  - Many different organizations / standards
  - LSB funding cuts

Attendance
- Lack of interest by some
  - Not viewed as high-priority (but surprisingly highly supported by staff and many families)
Program Successes

- Number Educated
  - 325 Clients
  - 90 Providers
  - 30 Total Partners

- Networks and Relationships
  - Raising Awareness
    - Homeless families deserve Healthy Homes!
  - Continuing Primary Lead Prevention (despite federal cuts!)
Key Partners - Networks

- Public Health Management Corporation – Health Care for the Homeless Advisory Committee
- Children’s Hospital of Philadelphia – Homeless Health Initiative
- People’s Emergency Center
- City of Philadelphia – Office of Supportive Housing
Resources

- National Center for Healthy Housing
  - Resource Clearinghouse
  - Leadnet / Healthyhomesnet – E-mail list serves

- Local Health Department
  - Lead / Healthy Homes Department

- ClearCorps
Q&A

- Ask Todd a Question!
Council Resources

National HCH Council website: www.nhchc.org

- Request technical assistance
  http://www.nhchc.org/training-technical-assistance/technical-assistance-request-form/

- Register for upcoming Council webinars, and view archived recordings of past webinars:
  http://www.nhchc.org/cat/webinars/
Join us May 16-18 for more than 70 accredited workshops, professional networking opportunities, academic presentations, inspiring plenary sessions, social activities, and Kansas City’s legendary barbeque and jazz.

Daylong Pre-Conference Institutes will take place May 15.
Thank you for your participation.

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