2017

Lead Poisoning in Scott County: Seeking Advice from their “Sister City”

Caitlin Slone
Augustana College, Rock Island Illinois

Palisha Ranjit
Augustana College, Rock Island Illinois

Elizabeth Farwell
Augustana College, Rock Island Illinois

Rachel Haecherl
Augustana College, Rock Island Illinois

Christine Golaszewski
Augustana College, Rock Island Illinois

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Caitlin Slone, Amanda Whelan, Palisha Ranjit, Elizabeth Farwell, Rachel Haecherl, & Christine Golaszewski
Problems In Scott County

- Scott County Health Dept. reports...
  - 50 lead poisoned children per year
  - CDC reported 25 cases from Scott Co. in 2012
  - Frequent reactive practices
  - High concentration of older homes
    - Pre-1950s considered high risk
Dubuque County
Facts About Dubuque County

- Northeastern Iowa right along the Mississippi River
  - Population of 97,000 people
  - 7th largest city in Iowa by population
- Boasts record employment levels and growing population
- Rich historic heritage of century old homes and buildings
- Considered to be Davenport’s “Sister City”
## Demographics

<table>
<thead>
<tr>
<th></th>
<th>Population</th>
<th>% Hispanic &amp; Minority Combined Population</th>
<th>Housing Units</th>
<th>% of Homes Pre-1950s</th>
<th>Family Households</th>
<th>Median Household Income</th>
<th>% of Persons in Poverty</th>
<th>% of Children in Poverty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dubuque County</strong></td>
<td>97,125</td>
<td>4.3</td>
<td>40,588</td>
<td>38.9</td>
<td>37,720</td>
<td>$53,410</td>
<td>11.5</td>
<td>10.4</td>
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<tr>
<td><strong>Scott County</strong></td>
<td>172,126</td>
<td>14.2</td>
<td>73,279</td>
<td>30.6</td>
<td>73,279</td>
<td>$53,704</td>
<td>12.2</td>
<td>17.8</td>
</tr>
</tbody>
</table>

*Statistics reflect most recent U.S. Census and Iowa’s 2009 statewide plan for lead-poisoned children*
Current Programs

● The city of Dubuque, IA provides year-round training to become any of the following:
  ○ Certified Lead Contractor
  ○ Certified Lead Worker
  ○ Sampling Technician/ Visual Risk Assessor
  ○ Inspector II/Risk Assessor
  ○ Lead Safe Renovator
  ○ Refresher Courses

● $300 certification fee
  • Lead Hazard Certification through Dubuque Lead Paint Program
Current Programs Cont.

- **Childhood Lead Poisoning Prevention Program (CLPPP)**
  - Launched in 1994
  - Joint effort of the City’s Health Services and the Housing and Community Development Departments
  - Focuses on area with the highest proportion of older homes and low income families
  - Since the start, lead poisoning has decreased from 14% of children tested in 1994 to 3.6% (in 2010)
  - Funded by Iowa Dept. of Public Health
Partnerships

- Sustainable Dubuque
  - Citywide initiative to improve the lives of its citizens

- The House Education and Rehabilitation Training (HEART)
  - High schoolers are given credit by completing classes during the morning and doing community service in the afternoon.
    - Funded by Four Mounds Foundation

- The Visiting Nurses Association (VNA)
  - Provides the community with tests and education about how to prevent lead poisoning

- The City of Dubuque Economic Development Partnership
  - Brings awareness to the dangers of lead poisoning

- The Lead and Healthy Homes Program
  - Strengthen neighborhood infrastructure and provide an avenue for healthy, safe, and energy efficient homes
Grants/Funding

● HUD Granted Dubuque 3.2 Million in Lead Hazard Control and Healthy Homes Program

● Lead Hazard Control Grant Program
  ○ The city uses the fund for 136 housing units for low income homes
  ○ Reductions for children with lead paint poisoning in the neighborhood
  ○ Professional lead paint certification; training contractors, workers, program inspectors, and property owners
  ○ Collaborated public education, awareness of the problem
  ○ Promotions from the community to establish lead-safe housing

● Dubuque receives $325,000 in Healthy Homes initiative funding
  ○ Addresses environmental hazards in the home to protect families from any housing/safety hazards
  ○ Home protection from environmental damages; flooding, insulation damages, lead
Recommendations for Scott County

● Community Involvement
● Partnerships with schools
  ○ Continued partnership with Augustana
    ■ Augie student intern (Public Health, Communications, Marketing)
  ○ High school program similar to HEART
● Unity Point Visiting Nurse Association Program
  ○ Establish relationship with Quad City locations
● Marketing strategy
  ○ Social Media
  ○ Public spaces (grocery stores, public transportation, etc.)
Contacts

- Dubuque Lead Paint Program:
  - Kim Glaser, Program Manager: (563)-690-6088
- Dubuque Safe and Healthy Homes
  - Robert Boge, General Housing Specialist: (563)-690-6073
- Doug Tschopp-Director, Entrepreneurial Center (Augustana Internship Coordinator):
  - DougTschopp@augustana.edu
- CORE at Augustana College
  - 309-794-7339
- Four Mounds Foundation: (563)-557-7292
- Unity Point Health Trinity
  - Unity Point Dubuque VNA: (563) 556-6200
  - Unity Point Rock Island: (309)-779-5000

Student Contacts

- Caitlin Slone
catilinslone13@augustana.edu
- Amanda Whelan
amandawhelan14@augustana.edu
- Palisha Ranjit
palisharanjit13@augustana.edu
- Elizabeth Farwell
elizabethfarwell13@augustana.edu
- Rachel Haecherl
rachelhaecherl14@augustana.edu
- Christine Golaszewski
cgolaszewski14@augustana.edu