



VIRTUAL

Learning Collaborative

ON CHILDHOOD LEAD
POISONING PREVENTION

PLANNING AND FACILITATION REPORT
SEPTEMBER 2021

IDPH
IOWA Department
of PUBLIC HEALTH

IOWA

Institute of Public Health
Research and Policy

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About the Learning Collaborative on Childhood Lead Poisoning Prevention

The Iowa Department of Public Health (IDPH) is dedicated to protecting and improving the health of Iowans through numerous governmentally sponsored public health programs that are effective, efficient, well-organized and well-coordinated. One important program that impacts Iowa's youngest residents is the Childhood Lead Poisoning Prevention Program (CLPPP). The goal of this program is to reduce the prevalence of childhood lead poisoning in Iowa. The CLPPP provides identification and case management for children with elevated blood lead levels, identification and control of lead paint hazards, surveillance of elevated blood lead levels, and provides education and outreach in communities across the state. This program is carried out statewide through a variety of contracts, collaborations and partnerships, as well as direct services that are centrally coordinated by the IDPH.

The Iowa Institute of Public Health Research and Policy (IIPHRP), at the University of Iowa, College of Public Health was contracted by IDPH to plan, develop, and facilitate a learning collaborative to bring together all of the sectors that work in childhood lead poisoning prevention. The purpose of this learning collaborative was to highlight programs and services throughout Iowa that have been successful in implementing strategies for preventing childhood lead poisoning. Our goal was to bring together all partners that are working toward eliminating lead poisoning in Iowa. Presenters shared their best practices, provided ideas for overcoming challenges, and building local coalitions working to prevent and address lead poisoning. Speakers included individuals from multiple sectors such as parents, public health, clinical and medical practices, child health services, and housing professionals.

Planning Process

The Learning Collaborative was planned for August 25th, 2021 from 9:00am – 4:30pm central time. With the goal of bringing together all partners that are working toward eliminating lead poisoning in Iowa, the planning process began at the beginning of 2021. The planning process and special considerations are detailed below.

COVID-19 Impacts

Due to the continued spread of COVID-19 across the United States, there was a high level of uncertainty around providing a safe in person environment for an estimated 100 attendees. The IIPHRP and IDPH agreed that it was safest to host this event virtually.

Virtual Platform Considerations

The IIPHRP and IDPH team decided to opt for the Zoom meeting platform this year instead of the Zoom Webinar platform used last year. This change was to allow for more participant interaction to help foster collaboration.

CEU Application and Approval Process

To provide more incentive for participants in sectors outside of public health to attend, it was found to be crucial to offer CEUs for the full event. To do so, the IIPHRP team applied for CEUs through the American Public Health Association (APHA). APHA is able to offer medicine, nursing, and community health education specialist (CHES) credits. Six hours of CEUs were applied for and approved by APHA. For attendees to obtain their credits they were required to fill out an evaluation that was emailed after the event by APHA. After completing the evaluation, attendees received a certificate.

This year it was found to be worthwhile to provide CEUs for the recording of the learning collaborative. This was decided as a result of a Childhood Lead Advisory Workgroup (CLAW) meeting. To obtain approval for these CEUs, six to ten questions were developed for each presentation. These questions were then entered into the APHA evaluation platform where learners watching the recording must answer the questions with a passing grade to obtain CEUs.

Planning Committee

To best facilitate a Learning Collaborative for multiple sectors, a planning committee was convened. The committee included representatives from medicine, nursing, and CHES. The planning committee was crucial in providing feedback to speakers on how to shape their presentation to engage all sectors present.

Agenda and Speakers

A call for abstracts was put out in March and speakers were finalized in June. Speakers represented public health, medical providers, and housing.

The agenda for the day took into consideration the difficulty to be present on a webinar all day by scheduling in breaks, a lunch, and interactive components. The following agenda was developed:

Morning Sessions	Session Overview	Facilitators & Presenters
9:00 – 9:15	Welcome address	Carmily Stone, IDPH Corrine Peek-Asa, U of I College of Public Health
9:15 – 10:15	Keynote Presentation – Promoting Pediatric Lead Screening: Using the Collective Impact model to close the gap in testing This presentation will discuss why screening for lead exposure continues to be necessary, and when screened positive, how to best manager a pediatric patient. By the end of the presentation the audience will be familiar with the variety of roles and responsibilities involved in lead poisoning case management and be able to identify	Dr. Elizabeth Friedman

	multiple resources to provide guidance in lead exposure case management in Iowa.	
10:15 – 10:30	AM Break	
10:30 – 11:00	<p>Lead in Drinking Water: Opportunities for improving Iowans' public health</p> <p>This session will provide an overview of the research CHEEC is doing on lead in water, the findings from their studies, and provide recommendations on opportunities for improving Iowans' public health by addressing lead in drinking water in homes, schools, and wells.</p>	David Cwiertney Michelle Scherer
11:00 – 11:30	<p>Iowa Lead Exposures linked to Contaminated Spices</p> <p>This session will provide an overview of lead exposure through spices and other imported products. Case studies of recent child and adult lead poisonings from imported spices will be used to illustrate the problem of lead exposure from contaminated spices and imported products in Iowa.</p>	Kathy Leinenkugel Kelsey Marmon
11:30 – 12:00	<p>Baby Shoes to Work Boots - 2020 Lead Exposure in Iowa</p> <p>This session will highlight 2020 adult blood lead data and possible surveillance impacts from the pandemic. Case studies will illustrate how Iowans of all ages experience lead poisoning linked to a variety of exposure sources, some impacting multiple members of the same family.</p>	Kathy Leinenkugel
12:00 – 12:30	Discussion Section	Moderated by Alexa Andrews
12:30 – 1:00	Lunch Break	
Afternoon Sessions	Title/Overview	Facilitators & Presenters
1:00 – 2:00	<p>Its time to look upstream; the role of housing in the health of children</p> <p>This presentation will provide an overview of both well-known environmental hazards and newly discovered hazards related to common household routines that are now known to significantly affect the health of both children and adult.</p>	Kevin Kennedy
2:00 – 2:15	PM Break	
2:15 – 2:45	<p>Bringing Together Partners for a Successful Lead Hazard Control Program</p> <p>This session will provide an overview of the East Central Intergovernmental Association and how they are administering HUD funded lead hazard control grants in eastern Iowa through collaboration.</p>	Elizabeth Kemp Kim Glaser
2:45 – 3:15	<p>Siouxland Health Homes Program: Growing a Coalition by Engaging Community Partners</p>	Alicia Sanders

	This session will provide an overview of the Sioux land Healthy Homes Coalition and provide tools for coalition building as well as sustaining a coalition.	
3:15 – 3:45	Black Hawk County Health Department and Waterloo Community Development Healthy Homes Collaboration This session will provide an overview of the collaboration between the Black Hawk County Health Department and the Waterloo Community Development’s Lead-Hazard control program to reduce identified lead hazards within the home. This session will highlight the successes to come out of this collaboration.	Andrea Magee Matt Chesmore
3:45 – 4:15	Discussion Section	Moderated by Alexa Andrews
4:15 – 4:30	Closing Address	Alexa Andrews Kevin Officer

Facilitation

The Learning Collaborative took place virtually on August 25th, 2021 via the Zoom Meeting platform. The day was filled with insightful presentations from multiple sectors highlighting the need for cross-sector collaboration to most effectively prevent childhood lead poisoning. Although the discussion and networking likely would have been more effective in person, the attendees took very well to the use of a virtual platform and made for a wonderful interactive experience.

Details of the facilitation can be found below.

Attendance

The online registration for the Learning Collaborative had 141 registrants (some may have been duplicate registrations). The Learning Collaborative had an average attendance of 82 individuals.

Interaction

To provide a collaborative experience in the virtual setting, Q&A time was utilized. Each keynote session was allocated 15 minutes for Q&A. The thirty-minute presentations had a consolidated discussion Q&A time for 30 minutes after all three thirty-minute sessions concluded. The attendees were encouraged to send questions in the chat. A moderator asked presenters questions that were sent in.

Feedback

Of the average of 82 attendees, 29 completed an overall evaluation of the Learning Collaborative. The online evaluation was distributed via a link in the chat of the meeting as well as sent in a follow-up email to all attendees. Overall, attendees felt the day met their expectations, the content met the learning objectives, presenters were knowledgeable, effective facilitation methods were used, it was well organized, and discussion was effective.

Participants indicated what topics they would like to see covered in a future learning collaborative. Those topics included information presented by poison control, what the state is doing to increase testing rates, effects of elevated blood lead levels, and more partnerships and the impacts on programs.

The evaluation also asked participants to indicate what would have made the experience better. Responses included having the event in person, more frequent breaks, longer Q&A sessions, having breakout groups that are sector specific, and laying out the back-to-back presentations differently.

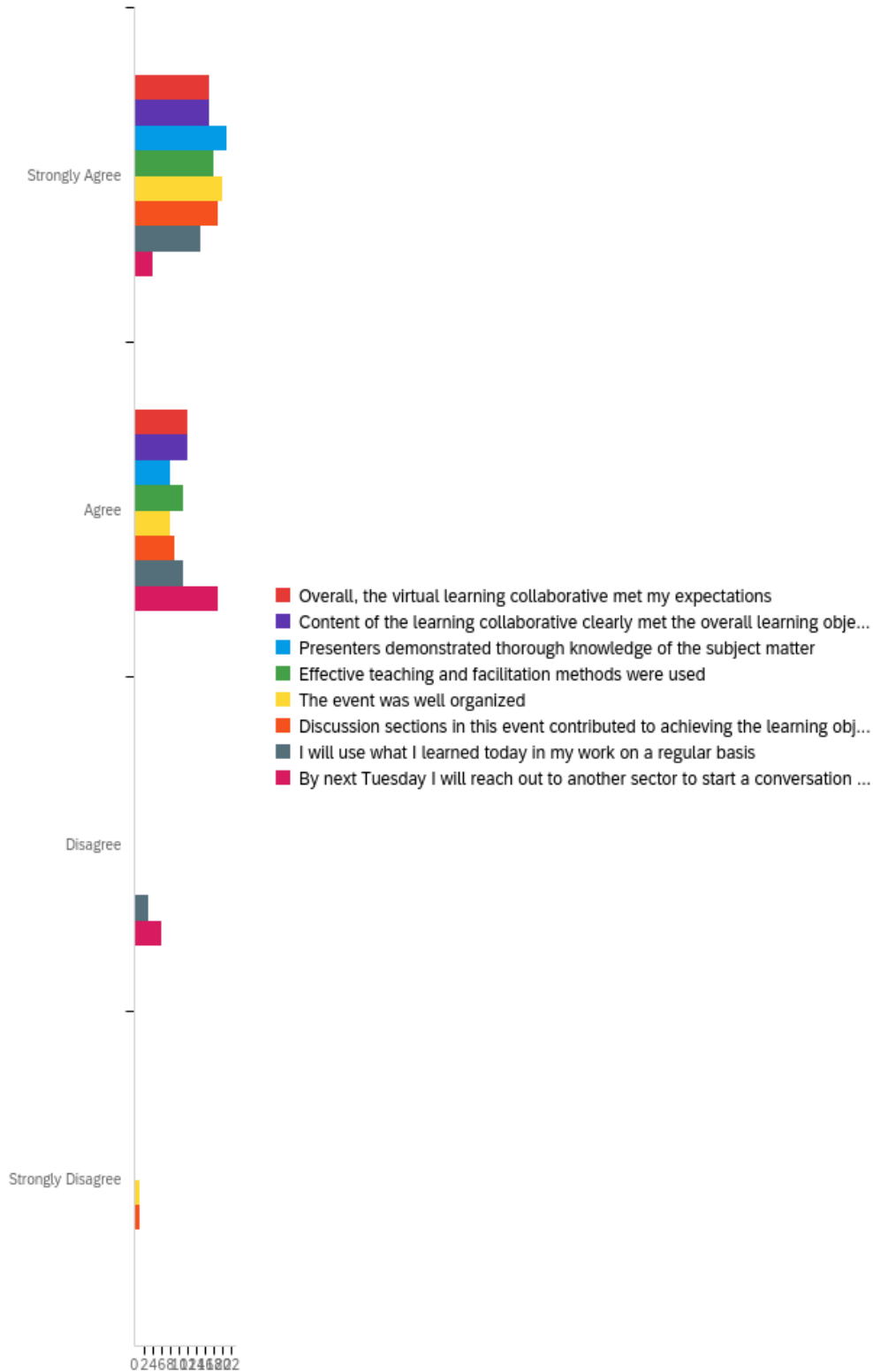
Future Recommendations

This Learning Collaborative was a learning experience for all involved and what was learned at this collaborative will be built upon for future collaborative learning events. It is recommended, when possible, to have future learning collaboratives in person to aid in the discussion and networking. Recommended topics to cover include the impacts of elevated blood lead levels on children, what poisoning control can offer parents and healthcare providers, successes in working with local medical providers to increase testing rates, and how to better partner with the housing sector. If the next learning collaborative is required to be virtual, it is recommended to incorporate longer Q&A sessions and more frequent breaks.

Appendix

Evaluation Feedback

Please indicate your level of agreement with the statements below.



Please provide ideas about additional topics you would be interested in being covered in the next learning collaborative.

-
- Head Start and Standards supporting the effort of lead mitigation with children and families
-
- Working with local medical providers to increase testing rates. data entry into HHLPPS and running reports.
-
- More information from Kevin Kennedy and the guy from Iowa City regarding lead in water pipes. They are great speakers!
-
- pathophysiology of lead - for example the interplay between EBLs and low iron (Hgb) levels (does one make the other more likely? or do they have a negatively synergistic effect?). Also, tips for working with landlords and how to improve lead remediation response among them. I have had it more than once that a renter is hesitant to talk with a landlord about addressing lead in a home because they fear their rent will increase if the landlord needs to do work.
-
- Poison Control information. Possibly statistics of how many kids are treated with chelation and the side effects.
-
- Is there an intersection between radon and lead? If so, would love that data and also figure out a way to provide a quick educational program for our seniors!
-
- More information from poison control on what they can offer parents and healthcare providers.
-
- Dr Bottei from the poison center would be glad to describe their lead program and the clinical effects of lead poisoning.
-
- What the State is doing to increase blood lead testing within the pandemic? Are they concerned about the low testing rates?
-
- more on the effects of EBL on children
-
- Different partnerships you have in your program and how it impacts your program.
-

What could we have done to make your experience at this learning collaborative better?

-
- some content did not pertain to my working situation so I would suggest providing different seminars that people could choose from
-
- I know that we are in the virtually world now and there is probably no turning back, but I can't seem to stay focused on a great topic like this when everything else in the the office is also asking for my attending. This is the first learning collaborative that have I have been to and I don't know if they were virtual in the past or not. I recommend breaking up the sessions if it stay virtual or trying to hold in person option (whenever that is allowable).
-
- I am looking forward to when this learning collaborative will be able to meet in person.
-
- I liked that it had different presentations and not just the generic "how the CLPPP works".
-
- It was jam-packed with events/sessions maybe a few more breaks throughout the day.
-
- Have break time without questions/answers. I didn't want to miss information, so I didn't take the break.
-
- Break out sessions for Clinical people versus construction people??? As a Nurse, it is good to know what steps may need to be taken after a high lead level is found, but in more general terms
-
- Don't put three people in a row speaking on the exact same topic (Lead Programs) or maybe they could have each talked about different parts of their grants.
-

Excellent training session, very well organized. Very knowledgeable speakers

Nothing

Polls through the presentation for engagement!

Some of the presenters were difficult to hear

everything was great

Nothing...excellent job everyone!

What else would you like us to know?

the day would be more effective if we could meet in person

Excellent day of information, updates and learning!

I loved the online format. To be able to participate without travel was great!

Dr. Friedman was great!

Maybe more on the healthy homes. If anyone is great at getting contractors involved can they explain how?

It was very interesting, especially the information regarding the spices.

Loved, loved, loved the presentation on spices. Truly learned a lot and will definitely be sharing that with my partners! Thank you!

Great program!

Will the EBL level ever be reduced by IDPH, for the benefit of our children?

Really good example of growing health, starting an individual child, extending to finding underlying causes and then out into whole communities, even to state level! What a day. Thank you all for an inspiring day!

Slide Deck

A PDF version of the slide deck can be found at <https://www.public-health.uiowa.edu/wp-content/uploads/2021/08/2021-Learning-Collaborative-Slides.pdf>

Recording

The recording of the entire learning collaborative can be found at <https://iiphrp.thinkific.com/courses/2021-learning-collaborative>