Discover Health/Descubre la Salud
Training workshop evaluation

Knight Williams Inc.

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Introduction

Background

Discover Health/Descubre la Salud (DH/DS) is a bilingual English/Spanish informal health education project funded by the National Institutes of Health/Science Education Partnership Award. The project is directed by The University of Colorado's Area Health Education Centers (AHEC) Program Office in collaboration with the STAR Library Education Network (STAR_Net) team and Centro Latino Americano Para Las Artes, Ciencia y Educación (CLASE). The project's main deliverables include an interactive library exhibit supported by media and community education resources and programs designed to engage underserved Hispanic and rural communities within the state of Colorado to learn about key public health issues in these communities related to cardiovascular health, diabetes, and obesity. The project is also designed to encourage youth from these communities to pursue careers in health care professions.

As a condition of the project's NIH funding, the DH/DS project further includes an external evaluation conducted by an independent evaluation firm, Knight Williams Inc., which specializes in the development and evaluation of health and science multimedia and outreach projects targeting diverse audiences. The goal of the evaluation is to assess the effectiveness of the DH/DS library exhibits and related community programs and resources in engaging rural and Hispanic participants and the factors that contribute to successful engagement with and learning from these components.

Training workshop

During the DH/DS project's planning and early implementation phase, the project team hosted a 2-day training workshop in Brighton, Colorado for participating library and AHEC partners. The training covered a wide range of topics relating to: the nature of library-AHEC partnerships, the planned exhibit components and related programming, the proposed media strategy, and the project evaluation plan. Appendix 1 includes a detailed agenda of the training sessions.

This report presents findings from an evaluation conducted at the conclusion of the training to gather participants' feedback on the overall value of the training and to assess the extent to which they felt prepared to host and implement the upcoming DH/DS exhibits and programming.

Library and AHEC participants at
the DH/DS training workshop

Training workshop participants

The training workshop was designed for both the library partners that agreed to host and implement the travelling exhibit and related programming and the AHEC partners that agreed to assist them in this effort, for example by: advising the project on community health concerns, helping recruit local community health partners and medical researchers, and working with local libraries to plan health education activities and events to complement the DH/DS library exhibit.

The map to the right shows the location of the 10 participating libraries and 6 participating AHEC centers that service residents in the same region. A total of 14 library and 12 AHEC staff attended the training.

Method

Evaluation approach and procedure

An evaluator from Knight Williams Inc. attended the training workshop and administered a survey to participants at the final session.[1] The participants were informed that the evaluation was funded by the National Institutes of Health (NIH) and that their input was appreciated and would help guide the direction that the project team took in planning next steps. The survey was developed closely with the DH/DS project team and incorporated questions used in past STAR_Net program evaluations to allow for cross-program comparisons. One important customization was made as the library and AHEC partners serve different roles on the DH/DS project, requiring somewhat different questions be asked of each audience to more accurately address their unique roles. Appendix 2 includes copies of the two versions of the questionnaire.

A total of 9 library and 12 AHEC participants completed the survey administered at the conclusion of the training.

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[1] Four AHEC partners had to leave the training workshop early in order to attend regional AHEC meetings. The evaluator received their surveys via email.

Analysis

Basic summary counts and descriptive statistics were performed on the quantitative data generated from the evaluation, given that the evaluation focused on the experiences and reflections of a relatively small group of training participants. Content analyses were performed on the qualitative data generated in the open-ended questions. The analysis was both deductive, drawing on the objectives of the project, and inductive, looking for overall themes, keywords, and key phrases. All analyses were conducted by two independent coders. Any differences that emerged in coding were resolved with the assistance of a third coder.

Findings

The DH/DS post-training reflection findings are presented in two parts, as follows:

Part 1: Participants' reflections on the DH/DS training

The Part 1 findings are presented in 4 sections:

1.1 *Overall participant feedback about the training*
1.2 *Whether the training met participants' expectations*
1.3 *What participants identified as the most valuable aspects of the training*
1.4 *Usefulness of training elements to participants*

Part 2: Participants' thoughts about the upcoming implementation of DH/DS exhibits/programming

The Part 2 findings are presented in 6 sections:

2.1 *Organizations' prior experience implementing health or science exhibits/programming in library settings*
2.2 *Participants' overall sense of preparation in facilitating or hosting DH/DS exhibits/programming*
2.3 *Participants' sense of preparation around various aspects of the DH/DS project*
2.4 *How participants anticipated the exhibit and resources would be received in their communities*
2.5 *What participants hoped to gain from implementing DH/DS exhibits/programming*
2.6 *Challenges participants anticipated in implementing DH/DS exhibits/programming*

Part 1: Participants' reflections on the DH/DS training

1.1 Overall participant feedback about the training

Library and AHEC participants were asked to rate a series of statements about the DH/DS training on a scale from 1.0 (*strongly disagree*) to 7.0 (*strongly agree*), with 4.0 being *neither agree nor disagree* in each case. Sections 1.1a through 1.1c summarize their feedback on the extent to which the training: provided an effective introduction to health and STEM topics, offered opportunities for networking, and gave them a good understanding of what was involved in hosting or implementing the DH/DS activities for which they were responsible. Section 1.1d considers library participants' additional ratings of the resources and activities provided at the training.

1.1a Whether the training provided an effective introduction to STEM and health topics
Library and AHEC participants both generally *agreed* that the training provided an effective introduction to the health and STEM topics presented in the DH/DS exhibit and activities (*Mdn* = 6.0 each).

1.1b Whether there were sufficient networking opportunities
Both library and AHEC participants generally *agreed* that the training structure provided sufficient opportunities for them to interact with their counterpart DH/DS partners. That is, while library participants *agreed* (*Mdn* = 6.0) that there were sufficient opportunities for them to interact with their AHEC partners, AHEC participants similarly *agreed* (*Mdn* = 6.0) that there were sufficient opportunities to interact with their library partners. Meanwhile, when asked about the opportunities to interact with colleagues from the same profession, library participants generally *agreed* that there were sufficient opportunities for them to interact with fellow library professionals (*Mdn* = 6.0) while AHEC participants *somewhat agreed*-to-*agreed* that there were sufficient opportunities for them to interact with fellow AHEC professionals (*Mdn* = 5.5). When invited to elaborate on their ratings, one library participant who disagreed that the training provided sufficient opportunities to network with either his or her fellow library participants or counterpart AHEC partners suggested, "*I know it's hard to schedule, but I would have appreciated more mingle time, especially for the AHEC folks.*"

1.1c Understanding of implementation and hosting plans as a result of the training
Overall, library participants *strongly agreed* that, as a result of the training, they had a good understanding of what would be involved in hosting the DH/DS exhibit (*Mdn* = 7.0). Meanwhile, AHEC participants generally *agreed* that they now had a good understanding of the role their organization would play in helping their local library partners implement the DH/DS programs (*Mdn* = 6.0). When invited to elaborate on their ratings, one AHEC participant commented that s/he believed *"that the libraries are still a little confused on AHECs."*

1.1d Ratings of the resources and activities provided at the training
Library participants were asked to rate two additional statements about the resources provided at the training. In general, they *agreed* that the resources and activities provided in the training would be useful in their settings and that the training prepared them to use the activities and resources accompanying the exhibit (*Mdn* = 6.0 each)*.

1.2 Whether the training met participants' expectations

Library and AHEC participants were asked if the training met their expectations. As shown in Figure 1, all of the library participants and more than half of the AHEC participants who shared a response indicated that *Yes*, their expectations were met (eight library and five AHEC participants).

Figure 1. Whether the training met participants' expectations

Number of participants

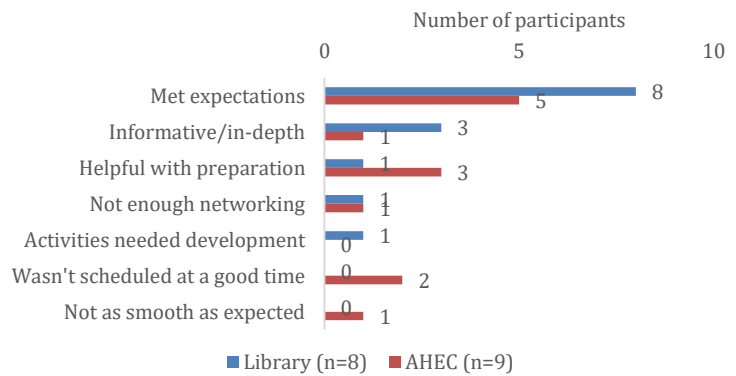|	
Met expectations	Library 8, AHEC 5
Informative/in-depth	Library 3, AHEC 1
Helpful with preparation	Library 1, AHEC 3
Not enough networking	Library 1, AHEC 1
Activities needed development	Library 1, AHEC 0
Wasn't scheduled at a good time	Library 0, AHEC 2
Not as smooth as expected	Library 0, AHEC 1

■ Library (n=8)   ■ AHEC (n=9)

Figure 1 further breaks down the number of library and AHEC participants who went on explain how their expectations were or were not met in some way. Combining the responses from both groups of participants, a total of four out of 17 participants described the training as informative or in-depth and four described it as helpful with preparation. Two participants said they would have preferred additional time for networking/working with others, and two indicated that the training wasn't scheduled at a good time. Finally, one participant felt the activities needed additional development while another explained that the training was not run quite as smoothly as expected. Table 1 below presents examples of participants' responses in each case, sorted by type of participant.
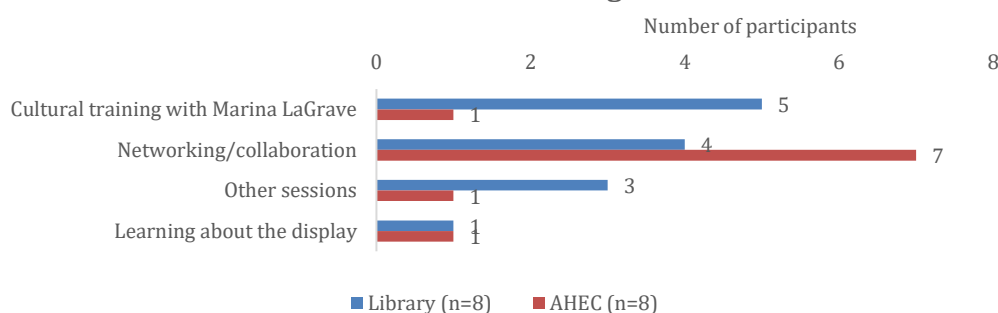
Table 1: Library and AHEC participants' comments about whether the training met their expectations	
Library participants (n=8)	**AHEC participants (n=9)**

Library participants (n=8)

Met expectations (n=8)
- Yes, great workshop.
- It exceeded my expectations. I thought all the speakers and presenters did a wonderful job and I appreciate Anne being generous with libraries need to tailor to location rather than use a "one model fits all" approach.

Informative/in depth (n=3)
- Yes, much more in depth than anticipated.
- Yes, it provided great program and basic information about the program.

Helpful with preparation (n=1)
- Yes I feel more equipped to explain and use the exhibit.

Not enough networking (n=1)
- Could have used more time with colleagues to discuss applications in their specific location.

Activities needed development (n=1)
- Some of the activities provided seemed to need more development, specifically those created by UC med students. Glad they were open to feedback.

AHEC participants (n=9)

Met expectations (n=5)
- Yes, I thought it was intentional and well done.

Helpful with preparation (n=3)
- The workshop was good to see what the kiosks are...
- Yes. I know specifically what I need to do and with whom.
- The workshop was very helpful to gain information on each partner's roles and next steps.

Wasn't scheduled at a good time (n=2)
- ...I was a bit confused regarding why this happened after one of our libraries already started their display. The timing was a bit off for us.
- The workshop timing may have jumped the gun a bit as we will not have the exhibit until third quarter 2018.

Informative/in depth (n=1)
- Somewhat just a lot of information.

Not enough networking (n=1)
- It would have been nice to have a non-structured time to talk to AHEC professionals and library partners.

Not as smooth as expected (n=1)
- The workshop...was not running as good as I would have expected.

1.3 What participants identified as the most valuable aspects of the training

Library and AHEC participants were asked to share aspects of the training they found most valuable. Figure 2 breaks down the types of responses shared by the two groups. Combining the responses from both types of participants, a total of eleven of the 16 participants who shared a response pointed to the networking or focus on collaboration. Notably, seven of these participants were AHEC participants, compared with four library participants. At the same time, six participants – five of whom were library participants – found the cultural training with Marina LaGrave most valuable. Finally, a total of four participants found an aspect of the other sessions most valuable, and two shared feedback about something they learned about the display. Table 2 below presents examples of participants' responses in each case, sorted by type of participant.

Figure 2. What participants found most valuable about the training

Number of participants

Cultural training with Marina LaGrave — Library: 5, AHEC: 1
Networking/collaboration — Library: 4, AHEC: 7
Other sessions — Library: 3, AHEC: 1
Learning about the display — Library: 1, AHEC: 1

■ Library (n=8)   ■ AHEC (n=8)

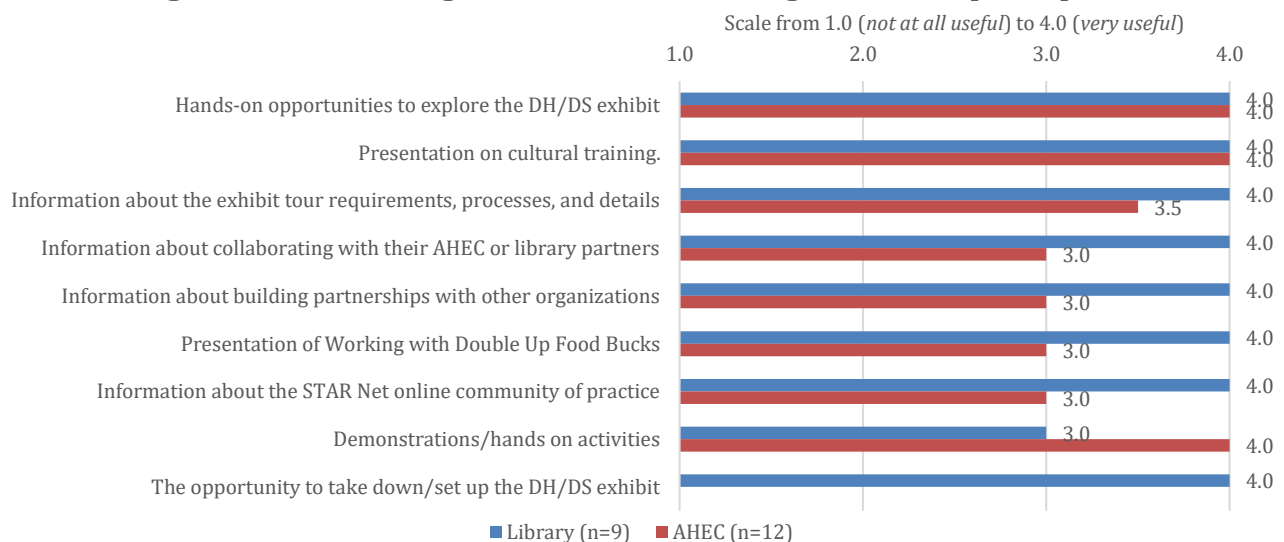| Table 2: Library and AHEC participants' comments about the most valuable aspects of the training	
Library participants (n=8)	**AHEC participants (n=8)**

Library participants (n=8)

**Cultural training with Marina LaGrave (n=5)**
- _Cultural sensitivity/awareness. Marina was fantastic!_
- _Marina's presentation was valuable._
- _Marina's presentation on cultural diversity._

**Networking/collaboration (n=4)**
- _Meeting the AHEC people._
- _Brainstorming/collaboration._
- _Being able to meet and communicate with my AHEC representative, able to start to develop ideas for collaboration._

**Other sessions (n=3)**
- _...information about expectations._
- _I also enjoyed the hands-on tours and explanations_
- _The speakers, passionate and engaging, and getting to play were most valuable because they allowed me to be creative and dream of how to plan for exhibits/programs._

**Learning about the display (n=1)**
- _Seeing the display and learning about how to break down and set up._

AHEC participants (n=8)

**Networking/collaboration (n=7)**
- _I enjoyed having open time at lunch to talk to my libraries._
- _Relationship we built with libraries._
- _Interacting with partners and [asking] questions._
- _The cultural training with Marina La Grave gave me ideas for other organizations that my AHEC could collaborate with to reach the Latino audience. This summer we now intend [to] partner with our community's free lunch program and do children's workshops on hydration, sunscreen, and hand washing at their lunch stops._

**Cultural training with Marina LaGrave (n=1)**
- _The cultural training with Marina La Grave gave me ideas for other organizations that my AHEC could collaborate with to reach the Latino audience._

**Other sessions (n=1)**
- _...good speakers._

**Learning about the display (n=1)**
- _Viewing the exhibit._

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1.4 Usefulness of training elements to participants

Library and AHEC participants were asked to rate the usefulness of each element of the training on a scale from 1.0 (*not at all useful*) to 4.0 (*very useful*). As shown in Figure 3 (which presents median ratings in each case), both groups generally found the hands-on opportunities to explore the DH/DS exhibit and the presentation on cultural training *very useful*. While library participants generally found the information about the exhibit tour requirements, processes, and details *very useful*, AHEC partners tended to find this information *somewhat* to *very* useful. Meanwhile, library partners generally found the following four elements *very useful* while their AHEC counterparts found them *somewhat* useful: information about collaborating with their AHEC or library partner; information about building partnerships with other organizations; the presentation Working with Double Up Food Bucks; and information about the STAR_NET online community of practice. At the same time, library participants found the demonstrations/hands-on activities *somewhat useful*, while AHEC participants found this element *very useful*. Finally, library participants found the opportunity to take down/set up the DH/DS exhibit *very useful*; a similar question was not asked of AHEC participants.

Figure 3: Median ratings of usefulness of training elements to participants

When invited to share additional feedback, two library participants commented on their enjoyment of the cultural training and one AHEC participant shared his/her opinion that the cultural training wasn't a good fit for the two-day training, as in:

- *Library: The cultural training was wonderful. I think sometimes we forget how important that is.*
- *Library: I loved Marina.*
- *AHEC: I enjoyed the cultural training, but didn't feel it was good to put in this two day workshop. I felt it needed to be on the issue at hand. This would be like a class the group should be able to do if needed. She was the best presenter I have seen on this topic, but not this setting.*

At the same time, one library participant commented on wanting to learn more about the AHEC partners at the training ("*I felt like I could have used more time learning about my AHEC partners. I'm still not sure how we're intended to interact*") and another pointed to other libraries that could benefit from the program ("*We live in a community rich in community partners and see more rural libraries would benefit from their AHEC…more than us*").

Part 2: Participants' thoughts about the upcoming implementation of DH/DS exhibits/programming

2.1 Organizations' prior experience implementing health or science exhibits/programming in library settings

Library participants were asked if their libraries had prior experience implementing health or science-related exhibits and programming, while AHEC participants were asked if their organizations had prior experience implementing health or science-related exhibits and programming in a library setting. Figure 4 breaks down the number of library and AHEC participants who said *Yes*, *No*, or that they were *Not sure*. Combining the responses from both types of participants, a total of seven out of 20 participants who shared a response said *Yes*, eight said *No*, and five said they were *Not sure*.

Figure 4. Whether participants' organizations had prior experience implementing health or science exhibits/programming in library settings
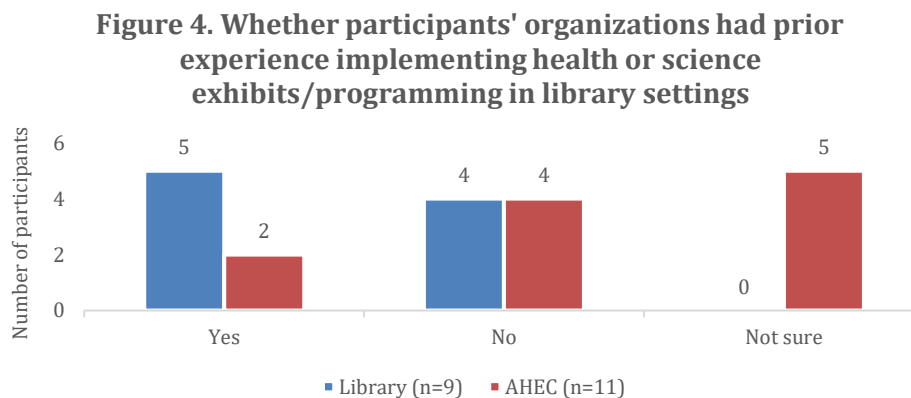
Some of the library and AHEC participants who selected *Yes* went on to describe their experience, which included descriptions of science exhibits, health-themed programming and displays, and previous library-AHEC partnerships. These responses are shared below.

- *Library: We just hosted Eat Well, Play Well exhibit from OMSI.*
- *Library: Discover Science Solar exhibit.*
- *Library: Space exhibit, various ALA exhibits*
- *Library: Programming last summer with state wide summer reading program that had a health theme.*
- *Library: Rotating displays on topics for example breast cancer awareness.*
- *AHEC: We have worked with the library previously. We know some of the people there and they are wonderful.*
- *AHEC: We held mini med schools in libraries in our region this year. We had students from the school of medicine as well as the Skaggs School of Pharmacy and the Physical Therapy program attend the weekly lectures and help the libraries monitor attendees…We helped with publicity for these [library] programs…We held [the program] at the health department and had an overwhelming response from high school students who learned about the program via peachjar, an email notification system that [the school district] uses to announce youth activities. Some of the obstacles to working with the library on this program was that Mini Med ran until 8:30 and the libraries closed at 8 so attendees had to leave and couldn't watch the last half hour. Also, we didn't have students in every area all the time so the library staff had to monitor the lectures at some locations…*

2.2 Participants' overall sense of preparation in facilitating or hosting DH/DS exhibits/programming

Using a scale from 1.0 (*not at all prepared*) to 5.0 (*extremely prepared*), library participants generally indicated that they felt *very prepared* to host the DH/DS exhibit (*Mdn* = 4.0). Using the same scale, AHEC participants generally indicated that they felt *moderately prepared* to partner with their local libraries in facilitating DH/DS program (*Mdn* = 3.0).

Library and AHEC participants were then asked to share any areas where they did not feel prepared, and to comment on how the project team could better help them prepare. Figure 5 breaks down the types of responses provided by library and AHEC participants. Combining the responses from both groups, a total of eight of the 13 participants who shared a response had concerns about the logistics or planning. At the same time, two participants said the

Figure 5. Areas where participants noted they did not feel prepared

■ Library (n=7) ■ AHEC (n=6)

timing was off, and another two expressed concerns about their partners. One each expressed concern about the programming, said they felt prepared, commented on unanswered questions, or explained that they felt overwhelmed. Table 3 below presents examples of participants' responses in each case, sorted by type of participant.
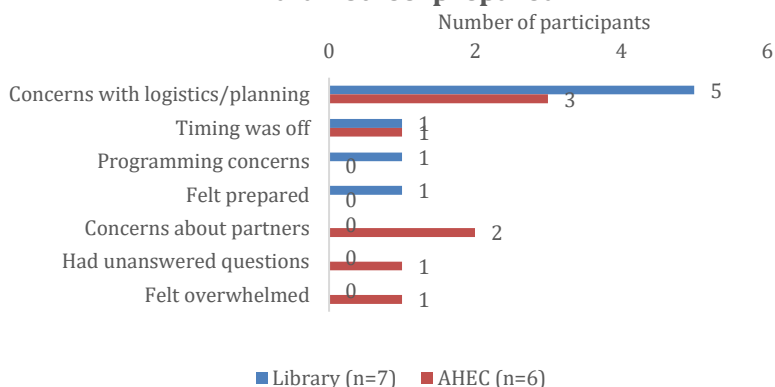
Table 3: Library and AHEC participants' comments about areas where they did not feel prepared	
Library participants (n=7)	**AHEC participants (n=6)**
Concerns with logistics and planning (n=5) • *There are logistics to work out with the available space in the library.* • *A lot of the areas where I'm not prepared will be addressed when I can set up and explore the exhibit.* • *Got to get programs and organizations lined up.* • *...we haven't had our community discussion to even identify what health topics our community wants to learn more about.* *Timing was off (n=1)* • *... our training is way ahead of our hosting.* *Programming concerns (n=1)* • *Programming, but another...staffer is focusing on that.* *Feel prepared (n=1)* • *I feel really good about it. Working with [our AHEC partner] will be great.*	*Concerns with logistics and planning (n=3)* • *All we need are the dates...We are committed to the exhibit and making it a success.* • *Will be planning activities in very near future.* • *Setting up exhibits and when would be the best placement.* *Concerns about partners (n=2)* • *...we will hound the libraries (when needed) to arrange for programming and get involved.* • *Some of the libraries feel obligated and makes them not as perceptive to work with everyone.* *Timing was off (n=1)* • *Timing was off* *Had unanswered questions (n=1)* • *... a few times questions were not answered...more of a wait and let's see what happens reply.* *Felt overwhelmed (n=1)* • *We are the first...to participate and for my first library it was a bit overwhelming.*

2.3 Participants' sense of preparation around various aspects of the DH/DS project

Library and AHEC participants were asked to rate their level of agreement with statements about various aspects of the DH/DS project, on a scale from 1.0 (*strongly disagree*) to 7.0 (*strongly agree*) each, with 4.0 being neutral in each case. Sections 2.3a through 2.3d provide ratings details related to: library participants' preparation for on-site exhibit and programming elements; library and AHEC participants' preparation for the partnerships; library and AHEC participants' knowledge of the DH/DS support system; and library and AHEC participants' intent to participant in the STAR_NET online community.

2.3a Preparation for on-site exhibit and programming elements
Overall, library participants *agreed* that they: felt prepared to set up and take down the DH/DS exhibit, felt comfortable integrating the DH/DS resources into programs at their libraries, and felt comfortable facilitating DH/DS programming in their libraries (*Mdn* = 6.0 each). When invited to elaborate on their ratings, one library participant shared a response: "*There are a few program ideas they offered but not sure if they would be of interest to our community.*"

2.3b Preparation for the partnership
Overall, library and AHEC participants *agreed* that they felt prepared to partner with one another to implement DH/DS programming and that they had a good idea how to partner with one another to implement said programming (*Mdn* = 6.0 each). Meanwhile AHEC participants *strongly agreed* that they felt comfortable facilitating DH/DS programming with their local library partners (*Mdn* = 7.0). A similar question about the comfort level of the partnership was not asked of library participants.

2.3c Knowledge of the DH/DS support system
Overall, library partners *strongly agreed* that they knew where to get support, if needed, when their libraries host DH/DS (*Mdn* = 7.0). Meanwhile, AHEC participants *agreed* that they knew where to get support, if needed, when their AHEC organizations start collaborating on the DH/DS programming (*Mdn* = 6.0).

2.3d Intent to participate in the STAR_NET online community
Overall, library participants *agreed* (*Mdn* = 6.0) and AHEC participants *slightly agreed* (*Mdn* = 5.0) that they planned to participate in the STAR_Net online community of practice. When invited to elaborate on their ratings, one AHEC participant shared a response: "*I plan to participate in the STAR_Net online community of practice once I am added.*"

2.4 How participants anticipated the exhibit and resources would be received in their communities

Using a scale from 1.0 (*strongly disagree*) to 7.0 (*strongly agree*), with 4.0 being *neither agree nor disagree* in each case, both library and AHEC participants generally *agreed* that the DH/DS exhibit would be well-received by library patrons in their communities (*Mdn* = 6.0 each)*.* One AHEC participant did caution some concern about how exhibit decisions and operations might be handled with one of their library partners, as follows: "*Unfortunately, [two local] libraries were unable to attend, however I feel we have a solid relationship established with them already and their inability to attend will not jeopardize the exhibit. I am concerned [another] library sent low level staff who themselves admitted that it was unlikely they would be making decisions about the operation of the exhibit or supporting programming. My previous experience with [this] library has not been collaborative.*"

Meanwhile, when AHEC participants were asked if they felt the activities and resources would be well-received by library patrons in their communities, they generally *agreed* that they would (*Mdn* = 6.0)*.* A similar question was not asked of library participants.

2.5 What participants hoped to gain from implementing DH/DS exhibits/programming

Sections 2.5a through 2.5b detail what library and AHEC participants hoped the benefits would be from implementing DH/DS exhibits and programming, both professionally and for their library patrons/community members.

2.5a Professional benefits
Library and AHEC participants were asked to comment on how they hoped to benefit professionally from participating in the DH/DS project. Figure 6 breaks down the types of responses provided by library and AHEC participants. Combining the responses from both groups, a total of eleven of the 21 participants noted ways their work might help their communities, while ten pointed to building partnerships. Meanwhile, four participants explained that they would like to use the project to attract new demographics, three wanted to contribute to the internal development of their staff or organization, and one said s/he hoped the program would serve his or her organization promotionally.

Figure 6. Professional benefits participants hoped to gain

Number of participants

Category	Library (n=9)	AHEC (n=12)
Build partnerships	6	4
Help community	5	6
Attract new demographics	2	2
Internal development	2	1
Promotion	0	1

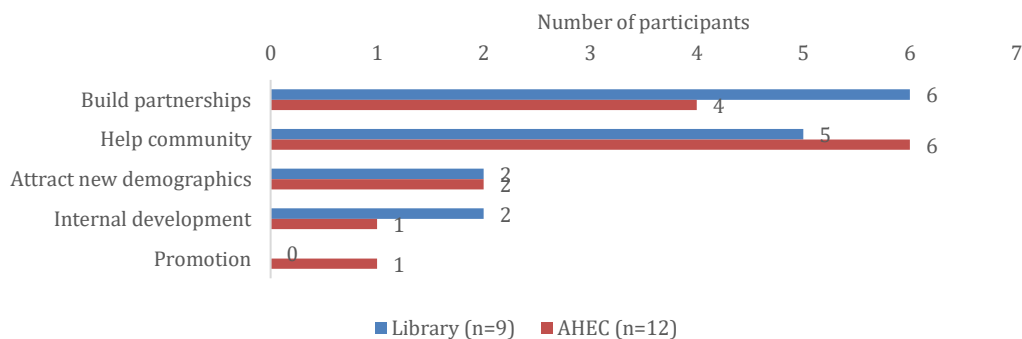■ Library (n=9) ■ AHEC (n=12)

Table 4 below presents examples of participants' responses in each case, sorted by type of participant. As these examples show, some of the participants commented on topics other than how they hoped to benefit professionally.

Table 4: Library and AHEC participants' comments when asked how they hoped to benefit professionally	
Library participants (n=9)	**AHEC participants (n=12)**
Build partnerships (n=6) • _Better understanding of partnering with non-traditional agencies._ • _Strengthen collaborations, work with schools…_ • _Create long term partnerships_ • _Better community collaborations._ • _I hope to connect to a broader range of professionals and services in my community…_	**_Help community (n=6)_** • _Community education and awareness of available resources._ • _Spread literacy to rural areas._ • _Improving community health for the region and getting to know the community better through the library._ • _To branch a better goal to help children and families in the community have a better understanding and open dialogue for health and professions with children._
Help community (n=5) • _To bring a high quality educational exhibit to my community._ • _…provide valuable health information to people._ • _…educate our community about health issues._ • _…serve patrons and community_	**_Build partnerships (n=4)_** • _Realizing potential for future partnerships and programming._ • _I hope to build better relationships…_ • _Creating/strengthening local partnerships and relationships._
Attract new demographics (n=2) • _Hope to bring new people into the library…_ • _I hope to…increase our Latina outreach_	**_Attract new demographics (n=2)_** • _…how to better engage various populations_ • _Knowing what health topics communities [are] interested in. How we can effectively outreach to certain communities._
Internal development (n=2) • _Be able to sufficiently prepare staff for program planning, supplemental material/hands on development, and troubleshooting of the exhibit._ • _…experience with hosting an exhibit_	**_Internal development (n=1)_** • _How to improve our outreach…how to follow up with the outcomes._ **_Promotion (n=1)_** • _I am hoping that [we] can get [our name] out in the community_

2.5b Benefits to library patrons/community members

Library and AHEC participants were asked how they hoped library patrons/community members would benefit from participating in the DH/DS exhibits and programming. Figure 7 breaks down the types of responses provided by library and AHEC participants. Combining the responses from both groups, of the 20 participants who shared a response, a total of eleven – including seven library participants – pointed to the health information they hoped community members would learn. Seven participants – including five AHEC participants – hoped for an appreciation for or use of their organizations, while five participants commented on the resources. Three participants hoped the program would increase community interest in STEM and health careers, and one participant hoped it would impact self-awareness.

Figure 7. Benefits participants hoped to see in their library patrons/communities
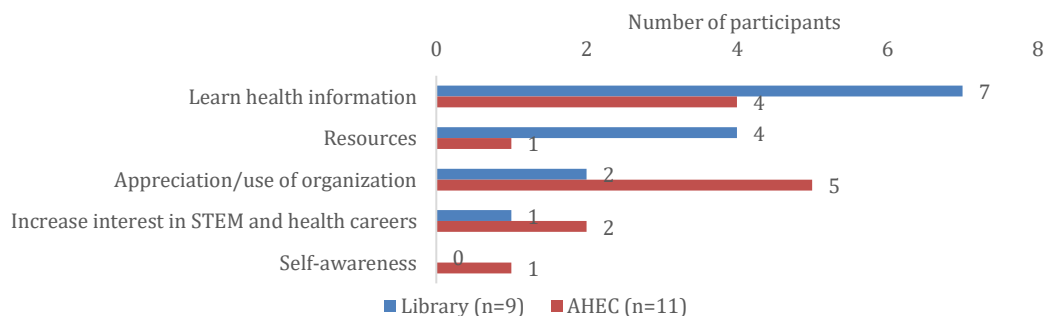

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Table 5 below presents examples of participants' responses in each case, sorted by type of participant.

Table 5: Library and AHEC participants' comments when asked how they hoped library patrons/community members would benefit	
Library participants (n=9)	**AHEC participants (n=11)**

Learn health information (n=7)
- _Main information they need to be healthy._
- _Reinforce health. Encourage them to become more healthy._
- _Being more informed about health-related issues…and improvement to make changes with their lives._
- _Better health knowledge._
- _Better equipped to take personal health action._

Resources (n=4)
- _Provide resources to those that need._
- _Be connected to professionals and resources in our community that will help them meet their health needs._

Appreciation/use of organization (n=2)
- _The library! A new perception of the library as an [inclusive] place._
- _Fun programming opportunities that will also teach_

Increase interest in STEM and health careers (n=1)
- _Spur curiosity in STEM and health career opportunities._

Appreciation/use of organization (n=5)
- _I am hoping that [our AHEC organization] can get its name out in the community._
- _Knowing more how AHEC bring health care education to their communities. That we are a good partner with other health organizations._
- _… see library as a resource for health._

Learn health information (n=4)
- _Learn ways to manage their health._
- _I hope they make changes in their family's lifestyle to live a healthier life…_
- _Better understanding of their role in managing their own health…_

Increase interest in STEM and health careers (n=2)
- _A higher awareness of potential fields of study in the field of health professions._
- _I hope…they become interested in making a career choice in the medical field._

Resources (n=1)
- _That they can benefit from available resources and that the resources belong to them._

Self-awareness (n=1)
- _Self-awareness_

2.6 Challenges participants anticipated in implementing DH/DS exhibits/programming

Library and AHEC participants were asked to share any challenges or barriers they anticipated in implementing DH/DS exhibits or programming. Figure 8 on the following page breaks down the types of responses provided by library and AHEC participants. Combining the response from both groups, a total of eight out of 20 participants who shared a response pointed to an aspect of the logistics, such as time, space, and the sustainability of the program, while five participants shared issues of security, including theft and (accidental or intentional) damage. Three participants expressed concern about attracting people, and another three said they could not think of potential barriers. Two participants commented on the challenge of engaging specific demographics, while two more cited competing priorities. Finally, one participant expressed concern that the partnership could fail.

Additionally, it is worth noting that a few of the library participants went on to add that they thought the issues they were raising were not critical, as in, "…_[I] feel confident in program/partnership marketing_" and "_There are things which can be addressed_."

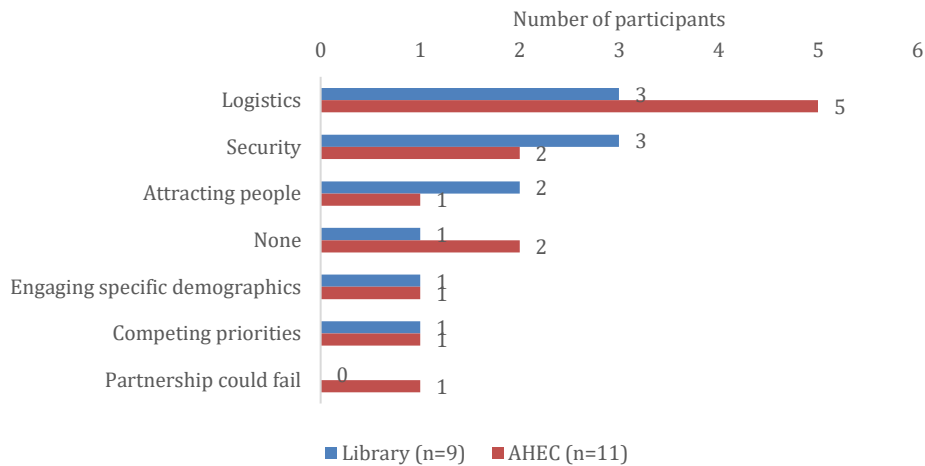## Figure 8. Challenges anticipated by participants

Number of participants

Challenge	Library (n=9)	AHEC (n=11)
Logistics	3	5
Security	3	2
Attracting people	2	1
None	1	2
Engaging specific demographics	1	1
Competing priorities	1	1
Partnership could fail	0	1

■ Library (n=9) ■ AHEC (n=11)

Table 6 below presents examples of participants' responses in each case, sorted by type of participant.

Table 6: Challenges or barriers identified by library and AHEC participants

Library participants (n=9)	AHEC participants (n=11)
Logistics (n=3) • _Time/space._ • _There are things which can be addressed. Space…_ • _Space somewhat, but mostly having the time [and] resource to be as effective as I'd like._	**_Logistics (n=5)_** • _Need more upfront time._ • _Appropriate time frame to schedule events._ • _The weather. The school district calendar._ • _How to put exhibit together…_ • _Sustainability of continuing such programming._
Security (n=3) • _Material theft, but feel confident in program/partnership marketing._ • _…security._ • _Fear that components will walk, which will inform where exhibit parts will need to be placed in library._	**_Security (n=2)_** • _Theft_ • _…kids will not be kind to the pieces._
Attracting people (n=2) • _Community not interested in health have more pending issues in mind (Homelessness, hunger, job loss)_ • _Getting the people into the library._	**_None (n=2)_** • _None at this time._
None (n=1) • _No barriers_	**_Attracting people (n=1)_** • _Getting large numbers there._
Engaging specific demographics (n=1) • _Engaging diverse community. Engaging homeless population._	**_Engaging specific demographics (n=1)_** • _Getting people that generally do not participate to the library there and with recent political mandates there will be fear to get the Spanish speaking community out of the shadows._
Competing priorities (n=1) • _We also are first and foremost a library, so we have an obligation to continue our regular services at same time as hosting and adapting this._	**_Competing priorities (n=1)_** • _…disruption to regular attendees who go for peace and quiet._
	Partnership could fail (n=1) • _My previous experience with [the] library has not been collaborative._

Conclusions

Discover Health/Descubre la Salud (DH/DS) is a bilingual English/Spanish informal health education project that includes an interactive library exhibit supported by media and community education resources designed to engage underserved Hispanic and rural communities within the state of Colorado to learn about key public health issues in these communities related to cardiovascular health, diabetes, and obesity. The project is also designed to encourage youth from these communities to pursue careers in health care professions.

This report presents feedback from 9 library and 12 Area Health Education Center (AHEC) participants who attended a two-day DH/DS training in late 2016 and completed a survey about their experience. The goal of the evaluation was to gather feedback on the overall value of the training and to assess the extent to which participants felt prepared to host and implement the upcoming DH/DS exhibits and programming.

Feedback on the DH/DS training

Reflections on the training: Library and AHEC participants generally agreed that the training provided an effective introduction to the health and STEM topics in the DH/DS exhibit and activities. Overall, library and AHEC participants found every element of the training's schedule *very useful*, *somewhat useful*, or somewhere in between. In particular, library and AHEC participants agreed that two elements were *very useful*: the hands-on opportunities to explore the DH/DS exhibit and the presentation on cultural training with Marina LaGrave.

When asked what they found most valuable about the training, a total of 16 participants shared a response. The largest groups of library participants pointed to the cultural training with Marina LaGrave (n=5) and the opportunity to network or focus on collaboration (n=4). Though only one AHEC participant cited the cultural training in response to the same question, several (n=7) praised the opportunity for networking and collaboration. Additionally, both groups generally *agreed* that the training provided sufficient opportunities to interact with other library and AHEC participants.

When asked if their expectations for the training were met, 17 participants shared a response. Combining responses from both groups, thirteen of these participants said *Yes*, their expectations were met (specifically eight library and five AHEC participants). Among those who went on to explain how their expectations were *not* met, one or two each said they would have preferred additional time for networking/working with others (n=2), indicated that the training wasn't scheduled at a good time (n=2), felt the activities needed additional development (n=1), or explained that the training was not run as smoothly as expected (n=1).

Understanding of and preparation for implementation and hosting: Both groups generally indicated that, as a result of the training, they understood the roles they would have to play in hosting the exhibit (from library participants' perspective) and implementing DH/DS programs (from AHEC participants' perspective). Library participants also thought the resources and activities provided in the training would be useful in their settings and indicated that the training prepared them to use these materials.

Reflections on the upcoming implementation of DH/DS exhibits/programming

Prior experience implementing health or science exhibits/programs in a library setting: Library participants were asked if their libraries had prior experience implementing health or science-related exhibits and programming, while AHEC participants were asked if their organizations had prior experience implementing health or science-related exhibits and programming in a library setting. Combining the responses from both groups of participants, a total of seven of the 20 participants who shared a response said *Yes*, eight said *No*, and five said they were *Not sure*. Some of those who selected *Yes* went on to describe their experience, which included descriptions of science exhibits, health-themed programming and displays, and previous library-AHEC partnerships.

Anticipated reception of exhibits, activities, and resources: Library and AHEC participants generally thought the DH/DS exhibit would be well-received by library patrons in their communities. Additionally, AHEC participants thought the activities and resources would be well-received by library patrons in the communities served by their organizations. A similar question was not asked of library participants.

Participants' reflections on their level of preparation: Overall, library participants indicated they felt *very prepared* to host the DH/DS exhibit in their library, while AHEC participants felt *moderately prepared* to work with their local library partner in facilitating DH/DS programs. When asked to share areas where they did not feel prepared or to comment on how the project team could better assist in this effort, a total of 13 participants shared a response. Combining their responses, the largest group had concerns about the logistics or planning (n=8), with other responses being shared less often, including 2 comments from AHEC participants who expressed concerns about their library partners.

Concerns about their partners were not expressed by the majority of participants, however. Members of both groups generally indicated that they felt prepared to partner with one another to implement DH/DS programming, and that they had a good idea *how* to partner with one another to implement this programming. Additionally, AHEC participants noted that they felt comfortable facilitating DH/DS programming with their local library partner. A similar question was not asked of library participants.

When asked about their preparation for other elements of the DH/DS project, library participants generally indicated they felt prepared to set up and take down the exhibit, that they felt comfortable integrating the resources into programs at their library, and that they felt comfortable facilitating DH/DS programming in their library. Additionally, both groups indicated that they knew where to seek support, if needed, and that they intended to participate in the STAR_NET online community.

Hoped-for benefits of participating in the DH/DS project: When asked to comment on how they hoped to benefit professionally from participating in the DH/DS project, all of the library and AHEC participants cited at least one benefit. Combining the responses from both groups, a total of eleven out of 21 participants noted ways their work might help their communities, while ten pointed to building partnerships, among other responses.

When asked how they hoped their library patrons/community members would benefit from participating in the DH/DS exhibits and programming, 20 participants shared a response. Combining the responses from both groups, a total of eleven participants (including seven library participants) pointed to the health information they hoped community members would learn. Seven participants (including five AHEC participants) hoped for an appreciation for or use of their organizations, while five participants commented on the resources, with other responses being shared less often.

Anticipated challenges: Finally, participants were asked to share any challenges or barriers they anticipated in implementing the DH/DS exhibits or programming. Combining the responses from both groups, eight of the 20 participants who shared a response pointed to an aspect of the logistics, such as time, space, and the sustainability of the program, and five participants shared issues of security, including theft and (accidental or intentional) damage, with other responses being shared less often. It is worth noting that a few of the library participants went on to add that they thought the issues they were raising were not critical, as in, "*...[I] feel confident in program/partnership marketing*" and "*There are things which can be addressed.*"

Looking ahead

Looking ahead to the upcoming implementation of the DH/DS exhibits/programming in their local communities, both library and AHEC participants generally indicated that they felt prepared to take on their respective hosting and implementation duties and that they understood the roles they would play in these efforts. Though some participants expressed concerns about logistics or planning, both library and AHEC participants also thought that they knew where to seek support, should they need it.

Overall, both groups agreed that the exhibit and resources/activities would be well-received by library patrons in their communities, and AHEC participants thought the activities and resources presented at the training would be well-received. In addition to building and strengthening their partnerships with one another, many library and AHEC participants hoped that DH/DS would bring health information and resources to their communities, and some hoped their patrons would develop a new appreciation for and/or use of their local libraries and AHEC organizations.

Appendix 1: DH/DS training agenda

Brighton Armory (Day 1)
Anythink Brighton Library Conference room (Day 2)
Brighton, Colorado

Day 1: Wednesday, November 30th

8:00 AM	Breakfast at the Hotel and Transportation to Anythink Brighton Library (on your own)
8:30 AM	Welcome (Suzanne McGowan and Pam Smith)
8:40 AM	Intro to Workshop (Anne)
8:45 AM	*STAR_Net* Project Overview and Discover Health Introduction (Paul)
9:10 AM	Discover Health Project Overview and AHEC Introduction (Jennifer)
9:30 AM	Icebreaker Activity (CU med students)
10:00 AM	Break/Exhibit Exploration 1 (Anne and all)
11:00 AM	Hands-on Activity 1 and Facilitation Discussion: (CU Med Students)
11:45 AM	*STAR_Net* Online Community and iMeetCentral (Anne)
12:00 PM	Lunch
1:00 PM	Evaluation/Reporting Requirements (Valerie)
1:30 PM	Presentation 1: Working with Double Up Food Bucks (Amy Nelms)
2:30 PM	Exhibit Tour Requirements, Processes, and Details (Anne)
3:00 PM	Cultural Training (Marina LaGrave)
4:00 PM	Questions and Feedback from Day 1 (All)

Day 2: Thursday December 1st

8:00 AM	Breakfast at the Hotel and Transportation to Anythink Brighton Library (On your own)
8:30 AM	Exhibit Exploration 2: Key Messages, Observations, and Reflections (Anne/all)
10:00 AM	Discussion: Exhibit Reflection Questions (All)
10:15 AM	Hands-on Activity 2 (Anne)
10:45 AM	Break
11:00 AM	Building Partnerships and results from Community Dialogues (Paul)
12:00 PM	Lunch
12:45 PM	Adult Programming Ideas (Anne)
1:00 PM	Presentation 2: Partnering with the United Way (Martha Rubi)
2:00 PM	Exhibit Exploration 3: Take Down/Setup (Anne, Evaldas, Paul)
3:00 PM	Media Partnerships (Robert Russell)
3:15 PM	Exhibit Layout Planning/logistics (All)
3:45 PM	Workshop Evaluation and Questions
4:15 PM	Close

Appendix 2: Post-training surveys completed by library and AHEC participants

Training and Pre-implementation Survey (Library partners)

Thank you for taking the time to provide feedback on this training. Your responses are confidential and will combined with those from other participants and reported in the aggregate. No names or any other identifying information will be used in our reporting to the project team or to the NIH.

1) Please indicate your level of agreement with the following statements about the *Discover Health/ Descubre la Salud* training, using the scale from 1 (strongly disagree) to 7 (strongly agree) , with 4 being neutral.

	Strongly Disagree 1	Disagree 2	Somewhat agree 3	Neutral 4	Somewhat agree 5	Agree 6	Strongly Agree 7
As a result of the training I now have a good understanding of what is involved in hosting the *Discover Health/ Descubre la Salud* exhibit in my library.	❍	❍	❍	❍	❍	❍	❍
The training provided an effective introduction to the health and STEM topics presented in the *Discover Health/Descubre la Salud* exhibit and activities.	❍	❍	❍	❍	❍	❍	❍
I think the *Discover Health/ Descubre la Salud* exhibit will be well-received by our library patrons.	❍	❍	❍	❍	❍	❍	❍
The training prepared me to use the activities and resources that accompany the exhibit.	❍	❍	❍	❍	❍	❍	❍
I think the resources and activities provided in the training will be useful in my setting.	❍	❍	❍	❍	❍	❍	❍
The training structure provided sufficient opportunities to interact with other library professionals.	❍	❍	❍	❍	❍	❍	❍
The training structure provided sufficient opportunities to interact with the participating AHEC partners.	❍	❍	❍	❍	❍	❍	❍
Pease feel free to explain any ratings here.							

2) Overall, did the workshop meet your expectations? Why or why not?

3) Which aspects of the workshop were most valuable to you? Why?

4) Please rate how useful each of the following parts of the *Discover Health/Descubre la Salud* training were to you on the scale from 1 (not at all useful) to 4 (very useful). If an aspect of the training does not apply to your role, select "Not applicable to me."

	Not at all useful 1	A little bit useful 2	Somewhat useful 3	Very Useful 4	Not applicable to me
Hands-on opportunities to explore the *Discover Health/Descubre la Salud* exhibit	❍	❍	❍	❍	❍
The opportunity to take down/set up the *Discover Health/Descubre la Salud* exhibit	❍	❍	❍	❍	❍
Information about collaborating with local AHEC organizations	❍	❍	❍	❍	❍
Information about building partnerships with other organizations	❍	❍	❍	❍	❍
Information about the exhibit tour requirements, processes, and details	❍	❍	❍	❍	❍
Demonstrations/hands-on activities	❍	❍	❍	❍	❍
Presentation on *Working with Double Up Food Bucks*	❍	❍	❍	❍	❍
Presentation on *Cultural training*	❍	❍	❍	❍	❍
Information about the STAR_Net online community of practice	❍	❍	❍	❍	❍
Please feel free to explain any ratings here.					

5) Overall, how prepared do you feel to host the *Discover Health/Descubre la Salud* exhibit in your library? Please circle one number on the scale from 1 (not at all prepared) to 5 (extremely prepared)?

Not at all prepared 1	Slightly prepared 2	Moderately prepared 3	Very prepared 4	Extremely prepared 5

→ Please tell us about areas where you do not feel prepared, and how the project team could better help you prepare.

6) What do you hope to benefit from participating in the *Discover Health/Descubre la Salud* project professionally?

7) What do you hope your library patrons/community members will benefit from participating in the *Discover Health/Descubre la Salud* exhibits and programming?

8) What challenges or barriers, if any, do you anticipate in implementing the *Discover Health/Descubre la Salud* exhibits and programming in your setting?

2

9) Please indicate your level of agreement with the following statements about hosting the *Discover Health/Descubre la Salud* at your library, using the scale from 1 (strongly disagree) to 7 (strongly agree), with 4 being neutral.

	Strongly Disagree 1	Disagree 2	Somewhat agree 3	Neutral 4	Somewhat agree 5	Agree 6	Strongly Agree 7
I feel prepared to set up and take down the *Discover Health/Descubre la Salud* exhibit.	❍	❍	❍	❍	❍	❍	❍
I feel comfortable integrating the *Discover Health/Descubre la Salud* resources into programs at my library.	❍	❍	❍	❍	❍	❍	❍
I feel comfortable facilitating *Discover Health/Descubre la Salud* programming in my library.	❍	❍	❍	❍	❍	❍	❍
I know where to get support, if needed, when my library hosts *Discover Health/ Descubre la Salud*.	❍	❍	❍	❍	❍	❍	❍
I feel prepared to partner with my local AHEC organization to implement programming at my library.	❍	❍	❍	❍	❍	❍	❍
I have a good idea *how* to partner with my local AHEC organization to implement programming at my library.	❍	❍	❍	❍	❍	❍	❍
I plan to participate in the STAR_Net online community of practice.	❍	❍	❍	❍	❍	❍	❍
Please feel free to explain any ratings here.							

10) Does your library (to your knowledge) have any prior experience implementing health or science related exhibits and programming in your library setting?
   ❍ Yes → Please briefly describe any relevant experiences.
   ❍ No
   ❍ Not sure

Finally, please provide your name and the name of your organization. Please remember this information is confidential and will only be used by the independent evaluator to help partners' completion of track pre- and post-surveys. Your name and institution will not be used in our reporting.

What is your name? _____   What is the name of your library? _____

Thank you for your feedback!

Training and Pre-implementation Survey (AHEC partners)

Thank you for taking the time to provide feedback on this training. Your responses are confidential and will combined with those from other participants and reported in the aggregate. No names or any other identifying information will be used in our reporting to the project team or to the NIH.

1) Please indicate your level of agreement with the following statements about the *Discover Health/ Descubre la Salud* training, using the scale from 1 (strongly disagree) to 7 (strongly agree) , with 4 being neutral.

	Strongly Disagree 1	Disagree 2	Somewhat agree 3	Neutral 4	Somewhat agree 5	Agree 6	Strongly Agree 7
As a result of the training I have a good understanding of the role my AHEC organization will play in helping our local library partner implement *Discover Health/ Descubre la Salud* programs.	❍	❍	❍	❍	❍	❍	❍
The training provided an effective introduction to the health and STEM topics presented in the *Discover Health/Descubre la Salud* exhibit and activities.	❍	❍	❍	❍	❍	❍	❍
I think the *Discover Health/ Descubre la Salud* exhibit will be well-received by library patrons in the communities served by my AHEC organization.	❍	❍	❍	❍	❍	❍	❍
I think the *Discover Health/ Descubre la Salud* activities and resources will be well-received by library patrons in the communities served by my AHEC organization.	❍	❍	❍	❍	❍	❍	❍
The training structure provided sufficient opportunities to interact with other AHEC professionals.	❍	❍	❍	❍	❍	❍	❍
The training structure provided sufficient opportunities to interact with the participating library partners.	❍	❍	❍	❍	❍	❍	❍

Pease feel free to explain any ratings here.

2) Overall, did the workshop meet your expectations? Why or why not?

3) Which aspects of the workshop were most valuable to you? Why?

4) Please rate how useful each of the following parts of the *Discover Health/Descubre la Salud* training were to you on the scale from 1 (not at all useful) to 4 (very useful). If an aspect of the training does not apply to your role, select "Not applicable to me."

	Not at all useful 1	A little bit useful 2	Somewhat useful 3	Very Useful 4	Not applicable to me
Hands-on opportunities to explore the *Discover Health/Descubre la Salud* exhibit	❍	❍	❍	❍	❍
Information about collaborating with local partner library organizations	❍	❍	❍	❍	❍
Information about building partnerships with other organizations	❍	❍	❍	❍	❍
Information about the exhibit tour requirements, processes, and details	❍	❍	❍	❍	❍
Demonstrations/hands-on activities	❍	❍	❍	❍	❍
Presentation on *Working with Double Up Food Bucks*	❍	❍	❍	❍	❍
Presentation on *Cultural training*	❍	❍	❍	❍	❍
Information about the STAR_Net online community of practice	❍	❍	❍	❍	❍
Please feel free to explain any ratings here.					

5) Overall, how prepared do you feel to partner with your local library partner in facilitating *Discover Health/Descubre la Salud* programs? Please circle one number on the scale from 1 (not at all prepared) to 5 (extremely prepared)?

Not at all prepared 1	Slightly prepared 2	Moderately prepared 3	Very prepared 4	Extremely prepared 5

→ Please tell us about areas where you do not feel prepared, and how the project team could better help you prepare.

6) What do you hope to benefit from participating in the *Discover Health/Descubre la Salud* project professionally?

7) What do you hope library patrons/community members served by your AHEC organization will benefit from participating in the *Discover Health/Descubre la Salud* exhibits and programming?

8) What challenges or barriers, if any, do you anticipate in implementing the *Discover Health/Descubre la Salud* programming in your local setting?

2

9) Please indicate your level of agreement with the following statements about collaborating on the *Discover Health/Descubre la Salud* project using the scale from 1 (strongly disagree) to 7 (strongly agree), with 4 being neutral.

	Strongly Disagree 1	Disagree 2	Somewhat agree 3	Neutral 4	Somewhat agree 5	Agree 6	Strongly Agree 7
I feel prepared to partner with my local library organization to implement *Discover Health/ Descubre la Salud* programming.	❍	❍	❍	❍	❍	❍	❍
I have a good idea *how* to partner with my local library partner organization to implement *Discover Health/ Descubre la Salud* programming	❍	❍	❍	❍	❍	❍	❍
I know where to get support, if needed, when my AHEC organization starts collaborating on the *Discover Health/ Descubre la Salud* programming	❍	❍	❍	❍	❍	❍	❍
I feel comfortable facilitating *Discover Health/Descubre la Salud* programming with my local library partner.	❍	❍	❍	❍	❍	❍	❍
I plan to participate in the STAR_Net online community of practice.	❍	❍	❍	❍	❍	❍	❍
Please feel free to explain any ratings here.							

10) Does your AHEC organization (to your knowledge) have any prior experience implementing health or science related exhibits and programming in a library setting?
   ❍ Yes → Please briefly describe any relevant experiences.
   ❍ No
   ❍ Not sure

Finally, please provide your name and the name of your organization. Please remember this information is confidential and will only be used by the independent evaluator to help partners' completion of track pre- and post-surveys. Your name and institution will not be used in our reporting.

What is your name? _____   What is the name of your AHEC organization? _____

Thank you for your feedback!