

Office of Research & Evaluation Webinar
Using Evidence for Scaling Community-Based Interventions
That Work

MARY: Hi, everyone. Thanks so much for joining us today, and welcome to our June, 2018 webinar. My name is Mary Hyde, and I am the Director of the Office of Research and Evaluation at Corporations for National and Community Service. Our office's objectives are to support our agency's mission by building knowledge on civic engagement, volunteering, and national service. We conduct in house research, but also fund research through competitive grants to researchers, scholars, and dissertators at institutions of higher education, and support research and evaluation of our programs and our grantees with other sources of support, like those you are going to hear today. Our webinar series is one way we share our ongoing research and findings. Today we are very excited to host another research and evidence webinar, titled Using Evidence for Scaling Community-Based Interventions That Work. And I would like to acknowledge and thank all of the national service programs who are hard at work building that evidence base so that we can help improve lives and strengthen community conditions.

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We are also very excited to welcome members from the Federal Evidence and Evaluation Community of Practice, who are both in the audience here on site with us and online today, and the webinar will serve as part of their workshop series. Because this is part of the series, we will keep the lines open until 3:30 instead of ending at 3:00. For those of you who have joined us in the past, we tend to not go that long, but today's a special occasion.

Here with us today is Dr. Diana Epstein, who leads the evidence team at the Office of Management and Budget, and she will say a bit more about the workshop series. Diana.

DIANA: Thanks, Mary. [unintelligible] to be here with you today and I want to thank everyone at CNCS for allowing us to jump onto this webinar and cobrand it as part of our broader Evidence and Evaluation Community in Practice series. So the Evidence and Evaluation Community Practice is an informal group that we run, our team at OMB coordinates. The goal is to really engage folks from across the federal government from evaluation offices, research offices,

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analytics offices, pretty much anyone who's interested in efforts to build and use evidence for decision making. Particular focus on program evaluation. So we do a couple things. We run a MAX site that has a bunch of resources, both in formals or OMB directives, as well as resources that other agencies have produced, and also serves as a collaborative workspace for some of the interagency groups that have evaluation as a central component. We also are running trainings like this, workshops, about once a month. So the way we've been doing this over the past year or so is we rotate through; we have a different agency host every month, both onsite, and then also hopefully having a webinar component for those who are not able to attend in person. So I'd really encourage you all to check out the MAX site on Federal Evidence and Evaluation Community of Practice, and hopefully you will join some of our events in the future. And just a plug for our team as well. We're here as a support unit, so we're here to support you. If you or others at your agency would like to reach out to us, we are more than happy to offer support.

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MARY: Great. Thank you, Diana. And welcome to all of you on the line and in the room. Before I move into introducing our speakers, we'd like to cover a few housekeeping items. As this is the second webinar we are hosting using our new platform, Adobe Connect. So with that, I will turn it over to Emily.

EMILY: All right. Thank you for everyone joining us online [unintelligible] Adobe Connect. I want to let you know this webinar will be recorded and posted online following the presentation. Unlike previous webinars, there is no dial-in phone line. All audio will be broadcast over the internet using your computer's speakers. All participants online will be in listen-only mode until the Q and A session following the presentation, at which time you can ask a question using your computer's microphone. We ask that you ask the question directly into your computer's microphone as that will give us the best sound quality. You can also ask questions at any time during the presentation, using the Q and A in the chat boxes below. As I mentioned earlier, this webinar is recorded and if you have any questions or experience technical difficulties, please let us know

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in the chat box. I believe that takes care of all of our housekeeping items.

MARY: Thank you. So let me introduce our speakers today. We're going to begin with a few introductory comments from Dr. Lily Zandniapour, who is a research and evaluation manager here at CNCS, and who has been developing and championing the evidence base at CNCS. We are also going to be hearing from Anthony Nerino, who is a research analyst here at CNCS, and he oversees the analysis and reporting of the national volunteering and civic engagement data, as well as leading the scaling project here at the corporation.

In addition, we have Nan Maxwell and Scott Richmond, joining us from Mathematica Policy Research. Nan Maxwell is a senior researcher with more than 30 years of experience in conducting basic and applied research. She has extensive experience in survey research and has served as a principal investigator for numerous randomized controlled trial and quasi-experimental design impact studies of programs designed to prepare youth for successful careers and post-secondary education. Also to help at-risk

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groups, such as the homeless, parolees, those with mental illness, and opportunity youth gain employment and life stability. She has worked with an array of clients including federal, state, and local governments; nonprofit organizations with missions to improve employment or education outcomes, and for-profit organizations scaling promising interventions in a community. Scott Richmond is a survey researcher with diverse experience in several key areas, including education, family support, and early childhood, and has extensive experience in directing data collection activities for evaluation studies. He is also an expert in developing systematic review processes and synthesizing the results for our broad audience. Having served as a project director for systematic review projects funded by foundations and nonprofit organizations, we were interested in improving youth and community well-being. We will conclude after these speakers share with us their knowledge with a few concluding remarks. After the remarks we will open up the discussion for Q and A. During the webinar, please feel free to ask any questions or provide comments in the chat box. At

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this point, I will hand it over to Dr. Lily Zandniapour.

LILY: Thank you, Mary. Good afternoon everyone, and thank you for joining us today. Before our guests begin their presentations, Anthony and I are going to give you some context for today's discussion and some background about the journey that brought us to this point.

Just a little bit about the agency. The Corporation for National and Community Service, as many of you know, is a key funder of the nonprofit sector, and its mission is to improve lives, strengthen communities, and foster civic engagement through service and volunteering. The agency's flagship programs include AmeriCorps, Volunteers in Service to America or VISTA, Senior Corps, and National Civilian Community Corps or N triple C. These programs provide an opportunity for thousands of Americans of all ages and backgrounds to serve their country each year. The Edward M. Kennedy Serve America Act reauthorized the agency in 2009 and expanded national service programs. The Act stipulated that CNCS and its

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grantees support programs in six focus areas, as you see on the slide. In addition to these six focus areas, the agency has focused efforts on organizational capacity building as well. At CNCS programs we work in a variety of areas, diverse areas, covering rural and urban areas.

I just wanted to say a few words about sort of measurement, particularly output and outcomes. CNCS programs have used performance measure since the inception of the agency. These performance measures have been periodically updated, most recently in 2008, and part of the then-current strategic planning process. With regard to impact, however, there were few if any reverse evaluations done prior to that point. Over the past decade, and in particular following the signing of the Serve America Act, CNCS began to more intentionally organize and develop an evidence base for a national service program and increase its focus on evaluation, evidence-building, and use.

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Both the agency and the grantees invest in significant resources in evaluation of their interventions and programs during this period. One of the things that we [unintelligible] as a catalyst for this evidence, focus on evidence, was that the legislation called for the implementation of the social innovation fund, which is a tiered evidence based initiative part of several of these across the federal agency. And this particular program really had evidence effectiveness baked in its DNA. The aim and the mission of that program was to scale what works. And so that program really served as a catalyzer in the agency. Sort of as, I want to say, as an evidence that the agency itself is a learning organization. AmeriCorps, the agency's largest program, has since become much more evidence-driven. For example, it's adopted a singular tiered-evidence framework. It's implemented evaluation requirements based on funding levels, and it's increased its weight on evidence for review process. It's developed and rolled out evidence-based planning grants. So a whole lot has been happening with our largest program around evidence.

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Senior Corps, another one of our key programs, has also started offering augmentation grants so that grantees can implement evidence-based programs. In addition to all of that, most of our programs, and in specific I want to all out CIF and Senior Corps as well as AmeriCorps have undergone impact evaluations at the funding stream level. And they've been put through rigorous impact evaluations. As for this agency's use of evidence and focus on third-part evaluations and systematic evidence reviews, it's sort of expanded. A sort of body of evidence has started emerging. And in order to better understand it, we started commissioning meta-analysis types of studies to really grasp what's been going on and what we are learning about the evidence face of the programs.

At the same time, we tried to share a lot of what we've learned on our website. Evidence Exchange is a repository where a lot of our evaluation and research reports are housed. We have expanded our evaluation resources and all of those can be tracked on the

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website. We're moving in the direction of trying to make a lot of these more self-paced and more interactive over time. And finally, we could use this 2017 state of evidence report where we try to really write a summary of what we've learned so far around our evidence.

With sort of that as a backdrop, our vision going forward is really to leverage all these investments we've done to date. Our hope is to take what works and bring it to more people across different communities nationwide and our hope is to sort of use national service to support that expansion and growth. And to do that, we wanted to sort of develop further our knowledge base about what works and how that can be scaled up. So with that, I'm going to pass it on to Anthony to give you more of an overview of this particular project.

ANTHONY: Thank you, Lily. In 2016, the Office of Research and Evaluation contracted with Mathematica Policy Research to conduct a multi-year, multi-component learning project that could move us closer to our goal. The project is designed to deepen our

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understanding of agencies' most effective evidence-based innovations and to expand the agencies and the its grantees knowledge base on how to successfully scale them. The project aims to answer a number of critical questions.

Which CNCS-supported interventions and components demonstrate the strongest evidence of effectiveness?

How do CNCS-funded organizations define and operationalize scaling?

How do they ensure they're scaling their programs with fidelity, and the extent and reasons why they may adapt or modify the program?

What facilitates or hinders the scaling process?

And finally, what does scaling readiness of the organizational program and intervention level look like? As part of the project, we want to develop policies and practice guidelines and technical assistance for materials for CNCS and its grantees. This is knowledge that can inform the path forward to those thinking of scaling their interventions. To date, the project has generated a synthesis and analysis of the existing and emerging evidence gleaned from evaluation reports; and the next phase

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will include in-depth case studies or process evaluations of a select group of grantees to capture their experiences around scaling using the scaling right in this framework. In addition to these in-depth studies, we also hope to draw a broader set of experts to gather insight on the topic. Consequently, we plan to put together a field working group, potentially comprising project directors, researchers, federal grant makers, and foundation staff. And it's our hope that we are able to share these learnings beyond the agency and its grantees with the larger grant making and nonprofit community.

With that, I want to introduce and turn over our presentation to Scott Richmond and Nan Maxwell from Mathematica, and thank you for being here.

SCOTT: So as Anthony mentioned, Mathematica has been working with CNCS for the past year and a half on the Scaling Evidence-Based Models Project, in an effort to generate practical knowledge on how CNCS might foster the successful scaling of effective interventions. Anthony and Lily provided a nice overview of the project components and how they align

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to the project's overall goals, but our presentation today will focus on the evidence and scaling activity review components and the processes we developed to execute these tasks.

The evidence and scaling plan review components can best be thought of as different sections of a larger pipeline, which are represented by the two different shades of blue in the graphic. The first part of the pipeline is designed to identify the CNCS-funded interventions with evidence of effectiveness. That is, interventions that have been found through a rigorous research to improve the outcomes for individuals receiving the interventions' services. The second part of the pipeline is designed to learn the extent to which grantee organizations demonstrate a readiness to scale these interventions. So by working to identify the interventions with evidence of effectiveness, and a readiness for scaling, this project will help support CNCS' efforts to identify which interventions work and how to make them work for more people.

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So I'll be discussing the first part of the pipeline, which focuses on the evidence review while Nan will be discussing the second part, which is based on the review of the grantee's scaling plans. I'll note that while the project is also designed to help CNCS and its grantees to strengthen their capacity to build evidence and a readiness to scale, we won't be discussing that piece during the presentation today. Thanks a lot.

So the first section of the pipeline for identifying interventions with evidence of effectiveness is to collect and categorize the current evidence that exists for interventions that are of potential interest. This evidence can be identified through various avenues, such as evaluation sponsored by federal agencies, funding opportunity requirements where applicants must submit evidence as part of their application process, and then evidence review clearing houses that compile evidence and then review them against evidence quality standards.

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For this project, we used the evidence sets CNCS compiled through its notice of funding opportunity evidence requirements and also the evaluations that CNCS grantees must perform as part of their funding requirements from the agency. Because the quality of evidence can vary, it's important to then categorize that evidence, such as how CNCS uses its evidence-tiered framework to rate the quality of the evidence for the interventions it supports. CNCS contracts with third-party evaluators to review grantee evidence documents based on the research methods that are used and then provide an evidence rating that can range from pre-preliminary to strong. An example of one of the categories, preliminary, would be a study that looks at the credit scores of individuals before and after they receive a financial literacy program, but the study would not have also included a comparison group to compare the treatment group to.

The moderate and strong ratings are evidence that is generated from studies that use more rigorous research design, such that if done well, they would provide sense of competence that the intervention

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caused any differences between the treatment and comparison groups. So an example of these sorts of studies would be a study that examines children's healthy eating habits among those who are assigned to receive a school lunch initiative program and comparing them to a similar group of children who are not assigned to receive that program. So for this project, the interventions we initially considered for our review, were those that evidence with a moderate or strong rating.

So the next step of the pipeline is to identify the evidence that aligns the project's research questions. Because our project was interested in how CNCS' grantees planned to scale effective interventions, we developed screening criteria to identify which evidence used more rigorous research designs, evidence that showed consistently favorable results, and aligned the scaling activities that grantees had for their planned interventions. The evidence that met these criteria would then move on to the next phase of the pipeline where we would take a more in-depth look at the quality of the evidence

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itself. So the first set of criteria we developed pertained to the design, the reporting, and the objectivity of the evidence submitted by the CNCS grantees. So for example, we wanted evidence that used a comparison group in its study design to get a better understanding of what would have happened to the treatment group had they not received the intervention. We also needed details on the study design and methods to get a better sense of whether the study was using adequate procedures when implementing the design that they had in place.

The next criteria we developed is the need for the evidence documents to have consistently favorable impact findings for the program participants. And this is done as a prerequisite to successfully scaling an intervention; there needs to be some underlying evidence that that intervention was successful to begin with.

And then the last criterion we developed at this stage was that grantees needed to have submitted evidence for the specific intervention that they

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sought to scale. So for example, a grantee planning to scale a specific parenting education program needed to have submitted evidence for that specific program itself, and not just any parent education program, as a general proof of concept that this approach could work.

So for the last step of this part of the pipeline, we assess the quality of the evidence based on the internal validity criteria we establish, which were informed by standards developed by existing evidence review clearing houses. Using internal validity criteria provide greater confidence that any differences between a group of individuals receiving interventions and a group that did not could be attributed to the intervention itself and not to other factors. In order to have confidence that the intervention caused any differences between the treatment and comparison groups at the end of the intervention, you first have to know whether these groups were similar to each other before the intervention began. You want groups that are equal to either other at the start of the intervention so that

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you know you are comparing apples to apples, and that the only difference between the groups at the start of the study is that one of them received the intervention. If you don't have this, then you can't be certain that any outcome differences assessed at the end of the intervention were due to the intervention itself or maybe some preexisting differences that the groups had before the intervention even began.

So to help make sure that the studies we reviewed were not comparing apples to oranges, we developed civic criteria to address issues that can arise and threaten a study's internal validity. These issues could include losing a large number of sample participants over the course of the study, switching participants from one group to another after the intervention has already begun, or not showing that the final treatment in comparison groups were similar to each other before the start of the intervention.

So the fourth criterion we developed is about identifying whether there were other factors embedded

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within the study design, also known as study design confounds, that could otherwise explain the outcome differences between the intervention between comparison groups.

So at this stage of our broader pipeline, interventions that had evidence meeting the project's quality standards were then considered having evidence of their effectiveness. We then reviewed the plan's scaling activities that CNCS grantees had for these specific interventions, which Nan will speak to next.

NAN: Thanks, Scott. Before discussing the scaling portion of the pipeline, we really need to define scaling. And as Lily pointed out, we are discussing three different types of scaling. We're looking at expansion, that is surveying more people in the same location. We're looking at replication, so that you're serving the same population, but at a different location. And then we're looking at adaption, that is serving a different population or modifying the intervention for the same population.

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Now we note that, when scaling an intervention differences often emerge between the intervention as it was designed and the intervention that's actually planned to be scaled. Furthermore, there's differences that likely arise between the intervention that was implemented and the evaluation of it or the plan's scaling of it. Now these are really important differences, and don't want to minimize these differences with my next statement, but we're going to ignore them right now, for the sake of brevity and when you talk about the intervention and scaling the intervention, we're just going to talk about the intervention as it was designed, or the intervention model, so to speak.

So in order to look at the scaling readiness for the interventions that Scott identified as being, having evidence, we really need to develop a framework, so Mathematica developed a framework for looking at interventions and organizations that implement them, and determining whether they're ready or not to be scaled. So the framework, as you can see on the

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slide, identifies five different conditions of readiness to scale. The first three of well-specified intervention, well-defined target population, and implementation supports, allow us to assess whether the intervention is ready to scale. The last two conditions, enabling context and implementation infrastructure, allow us to assess whether the organization is ready to scale the intervention. And we'll go through each of these conditions, [unintelligible].

So the first condition is the intervention being well-specified. And having a well-specified intervention means that the intervention is described in sufficient detail to make clear what activities are crucial, and then describes details, actually behavioral descriptions of those activities, to ensure that they can be implemented as they were intended. So I like to think about this as like a recipe. Someone can enjoy a cake and ask for the recipe, and someone can say, "Oh, it's made with butter, eggs, flour, sugar, milk." That's great. But without the details about those ingredients and how

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do you put them together, you're unlikely to be able to replicate that cake. So just like the cake, CNCS grantees will not be ensured of successfully scaling an intervention without it being well-specified. And this means a grantee should have a clear sense of not only what those key activities are, but also each one of these elements about those components or key activities. How is the activity to be delivered? Mode of delivery. Must it be in person? Can technology substitute for in person? Can it be a combination of the two? How intense? How much of the component must a participant receive? How long should the activity last? How often should it be undertaken, and then how much of it should a participant get? What staff are needed to implement the activity effectively? And this is really critical for CNCS because knowing what kind of staff are needed helps them match volunteers appropriately to the service opportunities out there.

You have to know what setting the activity will work best in, and setting includes both location like rural or urban area kind of thing, and it also includes venue. Is the implementation designed to

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unfold; is the activity designed to unfold in a park, at home, in a school, in a classroom, whatever? So these all need to be defined for each activity.

And then finally, the intervention needs to define the requirements for being considered a participant and a completer. And although each of those activities are core components, might improve outcomes for some individuals, it's the combination of them. It's the taking it together that really, the designer had in mind when developing the intervention. It's that combination that will make the outcomes happen.

The second component of scaling readiness is that the intervention defines the target population. Now, each intervention is designed to work for a certain population. Say, the low income; say, kids in grades 2 and 3. It might not work on other populations, which means that the target population has to be clearly identified.

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Now, of note in that description of the target population, it also has to include any criteria for including that people must have in order to enroll in the intervention or criteria that would exclude them. You know, for example, a program might be designed to include only youth that were at least age 18, but younger than age 25.

The third component is that the intervention has to have supports for its implementation. And these support ensure that the intervention can be implemented in the way it was designed. And there's six different types of support that are needed. The first is that the intervention needs to have a team, or at least an individual, who is responsible for monitoring it, to ensure that it's implemented successfully, and that problems are identified as they arise. The second type of support is that the intervention needs to specify performance procedures for staff that provide benchmarks for them to meet when delivering the intervention. The third is that the intervention needs to have continuous quality improvement to ensure that quality is maintained

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while it's being implemented or scaled. The fourth is that the intervention needs to clearly identify the training that staff will need to implement it with quality. The fifth, the intervention needs to have clearly identified lines of communication, so that both staff and partners have knowledge about operations in order to effectively implement. And then finally the intervention needs to be supported by data systems that provide information about participants and the intervention per se, so that decision-making can be effective.

Now let's switch over to what the organization needs to have in place in order to be ready to scale an intervention. First, and maybe not foremost but certainly first, is that leaders and stakeholders must be on board with the scaling, and partners are one of those stakeholders there. These individuals have to provide to support. They have to promote the intervention and its scaling efforts, and certainly not put up roadblocks to it.

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Second, the organization must have a culture that supports both the intervention and its scaling. And what this means is that the organization values innovation, learning, moving forward. It also means that improvements are made in responses to challenges encountered. And there will be challenges encountered, that's a given. And the organization has to have an attitude of 'we will conquer these challenges; we will overcome them. We will improve and move forward and not give up'.

And finally, the organization has to have a supporting infrastructure. Now what does this mean? It means that in scaling, it has to have sufficient financial resources, it has to have sufficient staff, materials, physical space, so that it can scale. It also has to have a human resource system that supports staff selection, training, and ongoing supervision.

And finally, let's just close the loop that Anthony started, 15 minutes ago, 20 minutes ago. The project's been going on for about a year and a half,

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and we've really made some tremendous progress, although on any given day... Specifically, we reviewed and evaluated research evidence from CNCS grantees, and that has allowed us to identify intervention that CNCS funds that have demonstrated effectiveness. Then we've also, as you've heard, developed a framework by which to identify interventions and organizations that are ready to be scaled. We've applied the conditions for scaling to say which effective interventions and organizations might be ready to scale, and then we've selected organizations that are currently scaling effective interventions for in-depth study, the case studies that Anthony talked about.

So what's coming up? [Preview here](#). In the next few years, we're going to continue the learning and knowledge development here. We're going to conduct an in-depth study of the selected organizations to understand their scaling. We're going to use that information that we gather from these key studies to identify the factors that challenge and facilitate scaling. And then we're going to disseminate findings

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widely to a wide variety of audiences. We really, really, really want CNCS and its grantees to make practical use of the research. You know, the goal is to foster successful scaling of effective interventions, and with that comes improved lives, strengthened communities, and a better civic engagement.

And finally, I'm giving some prompts here for Q and A. You've heard our thinking about evidence and scaling and we're real curious about your thoughts about what's going on out there. So during the Q and A period, we're hoping that you can think about and provide discussion on what role does evidence play in your organizations. And what indicators does your organization use to determine if it's ready to scale? So with those thoughts, I'll turn it back to Mary. Thank you.

Mary: Thank you very much. Do Anthony or Lily have any additional comments?

ANTHONY: I just want to say thank you for the presentation and for the work you've done on this

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project, and I want to highlight that this project and a number of other projects, this one in particular, has really been the result of a whole group of people coming together and thinking about it, both in the moment and over time. And Diana Epstein was a factor in bringing this project to light. I've had the pleasure of working with Scott and Nan on getting this implemented and Lily's been tremendously valuable to me in terms of insight or scaling from her experience with CIF. So I just want to point out that that collective effort really kind of shines a light on the notion that as we move forward, we're really developing a very visible notion as a learning agency, that we're taking the information that we get and we're looking at it in terms of where it applies and what more information is needed for us to make very conscious decisions about where we go and what we do, both with national service and generally, with a lot of our grant making. So, thank you.

MARY: Great. Thank you. Before we open this up to Q and A, I would also like to introduce Amy [unintelligible], our program examiner within the

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Education, Income Maintenance, and Labor Division at the Office of Management and Budget. We really appreciate you being here today and I would like to give you the floor for any comments you'd like.

AMY: Thank you, first and foremost, to our excellent panel. [unintelligible] the corporation, CNCS, for allowing me to be here. You know, something you said, Nan, about CNCS being a learning agency; that really speaks to the president's management agenda that was released in March of this year. Specifically, the objective of federal government in the 21st century will be to provide high-quality and timely information to inform evidence-based decision making in learning. So that is the objective of being administration writ large. But then also just as great stories of taxpayer dollars going into the future. So that said, we totally support CNCS and are looking forward to working with you and supporting your efforts.

MARY: Great. Thank you so much. With that, I'm going to turn it over to Q and A, and I think Andrea will sort of help us walk through how that works with the

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technology as well as folks in the room, because we want your thoughts.

ANDREA: We're going to try it. So for our in-person audience, just please state your name before asking your question. And for our online audience, you can ask a question by typing it in to the Q and A box, or you could also use the microphone on your computer by selecting the raised hand feature from the menu above, and we will grant you microphone rights in the order the questions come in. So, anything else, Emily?

EMILY: No, I think that covers it all, and if anyone online wants to ask a question, just please make sure you speak directly into your computer's microphone.

ANDREA: So could we go back to the two questions you two had posted and just as prompts? But of course, any questions are welcome. And we do have one here from the chat that I'll just read to get us started. So this is from Allison Augustin. "Hello, would love more detail of what is considered a confounding factor. We know that isolating the impact of the AmeriCorps member within a complex environment, such as a school, can be challenging." So any thoughts on...

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MALE: Yeah. Great question. An example of confounding factors would be where you're unable to disentangle what the intervention might be doing versus just the context in which it may be implemented and could otherwise explain outcomes. So I think one example to illustrate this is you are trying to assess an education program that teachers were putting a new curriculum in the classroom, but your treatment condition; it was just novice teachers and then in the control condition, it was just more experienced teachers. Because of those differences and who was implementing the intervention, the one group that then the control group, would have been qualitatively different from the other and you don't know if any differences you would see is because of the intervention, or just because of the differences in the teaching experiences that these two groups have. So that would be an example of a confound, where you can't really attribute any outcome differences to the intervention versus those other factors that were inherent in the study design.

MALE: [unintelligible], the Congressional Research Service. So I don't have any special expertise in

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grants, but I understand that many of them are structured to last three years or five years, and one question that comes up occasionally is that when a grantee takes up an intervention, it takes a while for the intervention to mature, raising the question, do we have a valid construct here of what the intervention is as practiced, as they use an impact evaluation to look at it, they also use CQI and probably a variety of evaluation and research methods to kind of think about their process. So can you talk a little bit about just maturity of the intervention and kind of the glide path that occurs?

MALE: Yeah, absolutely. And I think your question really touches on a lot of different things. One, it [unintelligible] the timing of the impact evaluation itself, knowing that some interventions might need a longer runway to really say, "We're finally here with the model we're trying to implement." And if you do that impact evaluation too soon, then you're going to prematurely get impact that you would otherwise had gotten had you waited. But I think, touching on what Nan spoke about too, it also speaks to the need for those sorts of implementation supports, in terms of

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the intervention specification and readiness, so that knowing that you may need a longer runway to get that model and put it into practice, that's why you need the CQI processes. That's why you need an implementation monitoring team to identify that those sort of issues are occurring and how do you address them over time, because without that sort of implementation supports, you might think, "I am doing the model as it was intended," but you may not actually know that because you don't have the supports in place. You don't have the data systems that have that feedback for those. So it sort of speaks to the need of, knowing that in advance, those are sort of challenges you might experience, so to be ready to scale, you want to do as much as you can to have those in place before you embark on that journey.

MALE: So can I ask you a quick follow up? How does this technical assistance play into that? Because in medicine, you have doctors kind of gliding on the same path with you as a patient, doing [unintelligible] time series. You know, how does this

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feel? How is this working? And so, kind of like, for CNCS or for other helpers there, financially?

FEMALE: I just wanted to say that I think that what you say is quite valid. It's something that CNCS would be grappling with. Right now, we're trying to sort of get more feel for how these interventions are being scaled up and how grantees are approaching them. Because there's going to be some change that does happen as you try to replicate and expand. And sort of getting a good grasp of where those interventions have veered off of what was supposed to be to the extent that they're not change; are they really being implemented with [unintelligible]? All of those sorts of aspects come into play. I think what we're trying to do now at this stage is gain enough experience and tap what's happening on the ground so we have to better position to do the support that you were talking about. So I think we're still a bit away from that, but we know that a lot of organizations and programs have started on this journey, so they have some experience that we want to tap into, and then all of those things come into play.

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FEMALE: [unintelligible] My question is more in terms of the frame, specifically the framework for the scaling. The first thing that comes to my mind, with experience of community work is that of adaptation or modification of evidence-based program. But at least scaling, right now, to me, sounds more like size of this number [unintelligible], this number. But usually, and you actually addressed this also, the scaling is not so simple as just numbers because different times, it's different kinds of individuals, [unintelligible] they are the range of modifications can be so wide, really. So I don't know if it's scaling any more [unintelligible]. Maybe what I'm trying to get at, why is scaling as important as probably all the factors that may have to do with different kinds of modifications? Is scaling in terms of size, the most important factor when you modify or try to implement an evidence-based program or is [unintelligible] other aspects, even with the framework that you mentioned, I am thinking, "Okay, it's staff." Staff can be numbers. Three is staff, five is staff. But staff can also mean the experience the kind of background that they have. And then, if

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you think about grantees, usually they implement something based on their own experience [unintelligible], but they're not really detailed of evidence-based programs necessarily, about you need three staff per the ratio, you know. Five per [unintelligible] and they need to be experienced in these. So how [unintelligible] the need [unintelligible] is so much that I'm thinking about what framework were you talking about. The kind that meets [unintelligible].

FEMALE: You know, you're absolutely right. It's not; the framework's simple, real world is not simple. And you touched on a lot of the complexity in your question. I think the point, or one of the points, is that you really have to be mindful of what you're doing. You know, you really need an intervention that you know what it's supposed to look like; you know where you're starting from. It's well-defined, the population is well-defined. Yes, you can adapt it. Most developers of interventions allow for some adaptation, you know, of it. That's without a doubt. But you have to be mindful where it is, and then when you're going out from that, you have to

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really, again, be mindful. Is there evidence? What have you got? What evidence do you have to suggest that you're going to be successful on this new type of population? What evidence is out there? And yes, it's not going to be evidence that's exactly on your intervention, but maybe it's a reading literacy program that similar programs have been effective on this new population. Or similar programs have been effective in this new area. You just have to be mindful and think through how it's going to be adapted and what evidence is out there and what evidence is out there that there are going to be challenges and can you overcome them? It's not as simple as the diagrams, absolutely not. But purposeful and mindful are words that come to my mind.

FEMALE: There's a question down here as well.

FEMALE: Yeah, I'm sorry. I'm going to take a few from the chat. So Eric Cruz says, okay, sorry. She wants to know if CNCS is moving into evidence-based research, will all programmatic grants as a senior primary core be required to move into higher evidence-based tiers. And if so, are federal and

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direct [unintelligible] be considered research and will it be of a higher level needing less funds for operating a program? How will that work? Will we be able to apply for additional funding to cover that cost?

Finally, moving programs into research means that grant will be needed to be submitted to the IRB which can take two months. Will there be enough time for that? So just questions around how this is funded.

MARY: So I would say I'm not a program person. This is Mary Hyde. I wouldn't venture to speak to programmatic policy issues but I would say that I would hope that some of this information would be used to inform the ways in which we structure our grants, the ways in which we guide the investments, and certainly the AmeriCorps [unintelligible] national grants have three years to conduct an evaluation, so certainly building in time for the IRB is something that could be accommodated by that time frame. But from an agency perspective, I think that is the space where we start to speak more intentionally with the programmatic side of the house

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and say, "Okay, what are the implications of this?",
or how we fund or how dollars are allocated.

FEMALE: So we're going between the live audience
and the chat. So now the live audience.

FEMALE: Hi, this is Laurie Frank [unintelligible]
Policy Fellow, and I'm interested in the relationship
between interventional readiness and organizational
readiness and your plans for refining your framework.
So I was very interested to see that some of your
next steps are to look at facilitators and challenges
to scaling, which is terrific. But wanted to assess
your level of optimism that you'll find generalizable
principles; you know, how much is idiosyncratic to
given conditions and how much really can be
generalized, and then what your plans are for feeding
that back into your framework.

FEMALE: Great question. And since we haven't
started yet, I can have all the optimism in the
world. And I do, actually. The framework wasn't
developed in isolation. It's grounded; very, very
heavily grounded actually, in implementation science.
And so it comes from a strong literature base. That
said, like I said in my discussion points, we're

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going to face challenges and we will have to feed those challenges back to the framework, absolutely. So I don't know. At this point we're not heading to the field until the fall. I think we've got good instruments in heading into the field that will capture, that have been designed based on the framework, as well as the nuances of the organizations and interventions selected. So I think we'll get the information that will allow us to go back and reconcile everything. I don't know. Personally, I hope there's not a lot of reconciliation, but I can say that because it's only June. Check back. Check back next year this time. I may have a completely different answer.

FEMALE: We'll do a follow-up in a year.

Mary: Yes.

FEMALE: So why don't you go ahead and then I'll take a few from the chat.

FEMALE: Okay, great. Hi, I'm [unintelligible]. I'm from the Office of Evaluation Sciences at GSA. Thank you very much for your presentations. My question is, what we do is we evaluate different program changes and my question is when to continue

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building evidence versus when to suggest implementing or replicating or scaling. So are there criteria you would use around determining recommendations for those different types of scaling?

MALE: So just in terms of continuing to fund or taking what's to scale? Can you clarify that?

FEMALE: Well, continuing to study something. So in different contexts. Like, how do you decide when it's appropriate to replicate something in a different context, with different populations versus it's appropriate to go ahead and implement it or decide whether you want to replicate the study or scale it

MALE: Gotcha. Thank you. So I mean, I would say, if your starting point, what you're doing doesn't have evidence of effectiveness, then you shouldn't be trying to scale until you have that underlying success. Because you're trying to either adapt to a population or replicate/expand. You don't want to do that if what you're initially doing is not working. So I think from there you would go back to your logic model or revisit what is it that you are doing, and kind of do some adaptations at that sense to really go back to the lab, and see if I give more dosage, if

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I add these components or less of that. So I think, as Nan was saying, a lot of our model is based on implementation science and may just be revisiting some of these same exact parameters where maybe I need to adjust my core elements. Or I could think about who the staff was. How many of the staff? Am I doing the right implementation support? So I think you can think about if you're not having that underlying evidence to begin with, kind of revisit what is my model and then keep working to develop more evidence. But we would say you wouldn't want to try to bring it on the road until you know what you're doing in your local context or what you're trying to do [unintelligible].

FEMALE: I would say, assume that there is underlying evidence for something. But there might be less evidence for specific population or a specific context. At what point would you feel comfortable or have defined criteria around when would make sense to continue studying something versus...

FEMALE: This is Lily Zandniapour. I just wanted to say that we see the evidence-building piece as an ongoing process. And don't really see this. It's an iterative

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process at each stage it might be using a different frame, a different approach, different methodology based on the question you are trying to answer. But really, this process builds on each other. I don't see sort of a particular end point to this. So I think evidence building and evaluation sort of is a kind of that river that runs through it. So you want to do that even post establishing this strong evidence-based program. You might be looking more at the fidelity of implementation. Your questions might be pointed at that at the first phase of replication or expansion or adaptation. And then continue to build that evidence of effectiveness, because it is always, at the end of the day you want to sort of strengthen that body of evidence. So I just don't see that as an end game to this.

FEMALE: I would add, also, because I think I hear a little something different in your question. Part of what the next phase of this project is, by going into the three case study sites, is to learn intentionally from folks who've had varying experiences and success with scaling. And not only from the evidence perspective, but what was it that made people decide

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to scale? What happened along the way? So people have decided to intentionally scale back, and why is that? It's both a programmatic decision as well as an evidence decision, which is just a little something I heard also in your question. So we hope to learn from them what those things are.

FEMALE: Okay, so a few questions online. This is from Jennifer [unintelligible]. I'll just read it to you then because a number of [unintelligible]. Are the conditions for scaling shown in the scaling framework based on the theoretical model or based on findings from the review of grantee-generated evidence?

FEMALE: That's easy. They're based on, I don't know that you'd call it a theoretical model, but it's a based on scaling that has been done in other areas, the principles that have been derived from those other areas that the framework was actually developed, mathematically developed, the framework before this project, so...

FEMALE: So this is from Tina [unintelligible]. Can you provide some examples of the programs supported by CNCS grants that were part of the research conducted to date?

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MALE: What was the question?

FEMALE: Can you provide some examples of the programs supported by CNCS grants that were part of the research conducted to date?

MALE: Well, when we did the meta-synthesis meta-analysis, we were careful to look at what focus areas were addressed by the program. So we recognized that, while we run six [unintelligible], we have activity in those six areas. We really were producing evidence in three of them to an appreciable degree, and one of them to a very appreciable degree, and that was evidence. So many of the programs that we looked at had to do with education interventions. Secondary to that were economic opportunities and those were back-to-work programs or budgeting programs, fiscal or financial learning programs, and that sort. And in the evidence area, the things we looked at spanned pre-K all the way up through college readiness and college completion. So we had evidence in all of those areas. But the strongest ones emerged, the ones that we looked at hard for selecting the process evaluations, were primarily in health, I mean education, and then healthy futures. And they had to

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do with mostly pre-K and early childhood learning and then healthy futures, again around early childhood development, child abuse prevention. Those are the programs that emerged with the strongest evidence and also provided us with a great deal of variety with regard to their scaling experiences. We didn't want to pick three successful scaling projects; we wanted to pick projects that had varying degrees of success and had to retrench and rethink going forward what they were going to do so that they could teach us something about that whole process. But in terms of the specific grantees, no, we're not at a point where we want to release those just yet, because we have to announce who we selected for the process evaluations and then also who we're going to approach to help serve on our field working group. And that's not public knowledge yet.

FEMALE: Thank you. I'll take one more from here and then I'll open it up here. So Diane Manheim, this model seems to give preference to research-based interventions rather than field-based success. Will this limit interventions with promise that are considered?

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FEMALE: Well, I guess almost by definition, the answer is yes. It's yes. There's, we're only looking at those with evidence. I don't know what to say. Yes. But what I wanted to say was, actually, the mechanism that we've created with this field work is to draw on a broader set of experiences. So we have the ones that are promising also feeding into this. But you want to start with a foundation of what has had some evidence that it works and has been sort of tested in some application and expansion processes.

MALE: I would also like to add that while interventions are not equivalent across all of our grantees, neither are evaluations. Grantees choose to do an evaluation and have a limited budget; they have a limited time frame and they approach it from different perspectives, and that produces the types of evaluations that we have to look at and determine the strength of that. And those evaluations may find very positive impacts, and that may very well be true, but they may be missing components in the explanation of that finding that limit our really embracing that as strong evidence. So part of this project is designed to identify what are those key

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components that need to be looked at in an evaluation regardless of who's doing it, they need to consider these components when reporting that, so that when we look at it, we can make a fair judgement across all of them. And that's part of the learning process that's going on now.

FEMALE: And can I just add, taking it, if I can have a little latitude here, taking it out of the CNCS framework and into the broader evaluation and scaling footnote, but just for a sec; you have to start somewhere with this process. You know, CNCS has to start somewhere; the evaluation world has to start somewhere. And I don't think anyone, I'll let you guys speak for yourself, is saying that evidence-based and then you go into this scaling and apply the framework for readiness for scaling is the be-all and end-all right now, but it's a good, solid place to start. And that doesn't mean that once this pipeline, it's no longer on the screen, is followed, that you can't start burying the pipeline. And it's sort of just like building evidence and scaling; this process is much like it. You start somewhere and then you see if you can go in a different direction, just like

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scaling takes you in a different direction. And I do think this is a solid place to start this process and this thinking.

MALE: So this is Clint again from the Congressional Research Service, and by the way, I'm speaking only for myself now, not for my agency bosses. But maybe building on that observation and question; so the tiered evidence model sets up kind of a troika, promising to proven - I don't like the term proven - but I wonder with your case studies, if you might find if the model creates perverse incentives for grantees to go for the money, rather than going to get stuff in the strong category instead promising. Because it's almost like they're self-diagnosing and they might pick an intervention off the shelf that may not be fully suitable for their circumstances and I wonder if your case study approaches might be looking at that, to the extent that that's a financial phenomenon out there.

FEMALE: Hopefully we'll get at that. Hopefully the case studies will provide some insight. Again, it's case studies. It's not like we're doing millions of them. But hopefully; what you raise is something that

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I do think about a lot, perverse incentives. And it's a great question. We're on the lookout for it, yeah.

FEMALE: Another thing though, I want to say is it also offered opportunity, because if you really have programs that solve challenges in the communities and you have a lot of evidence that they do, then you want to be in a position to bring that to communities that don't have access to those solutions. So I think part of this is moving us in the direction where you're attempting to; because at the end of the day the goal is not the evidence, the goal is that...the goal is to solve challenges on the ground, and if we have solutions, we want to be able to bring them where they're needed. And then that would allow for us to also have that ability to innovate and support that innovation and promise while you're really trying to bring solutions where you know that there is merit to those solutions. So I think it's straddling these lines and always being aware that you have to be intentional and look at it and make sure you're not creating those perverse incentives and you're sort of being stewards of taxpayer money,

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I think as far as we're concerned, being in this position.

FEMALE: Hi, [unintelligible] OMB. Yeah, this tension of funding the evidence, this is more a general comment, but funding the evidence across several billion dollars, you know, 1800 different federal programs, I don't think anyone including the Corporation is at the exclusion of funding innovation grants. Considering the spectrum that the tiered model, it can't stand to reason that everyone's going to put the money into what works and not perhaps fund the grantees that are still learning and tweaking and experimenting. So to perhaps counsel the grantees on the phone, what have you, yeah. This is a spectrum and there's [unintelligible] innovation grants, and then those that are higher up the tier.

FEMALE: Oh, two more questions.

FEMALE: [unintelligible] with [unintelligible]. I was wondering; what exactly is the purpose of this study? Is it to test this model of scaling? [unintelligible] something that was true, you have to start somewhere and that program in mentioning that there were case studies that will be considered. If we have to start

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somewhere, because I also heard the description of this study, so the interventions that have been considered and they are pretty different from each other [unintelligible] mental health and that. So if we need to start somewhere, a framework that we want to test, assuming that this is really the purpose of this study, wouldn't it be wiser...again, it's probably a question of [unintelligible] methodology...to focus more on, for example, case studies that are similar somewhere so that you have preliminary information on a framework that is focused on some kind of specific content or population, rather than just going across very different interventions to see a framework with information about its effectiveness based on three interventions that are so different? You see where I'm going in terms of focusing the study to really, what are we going to learn about it if we have to [unintelligible] if we're all so spread out?

FEMALE: I just want to say, your point is well taken. But I think you have to kind of think about the context a little bit. So CNCS works across various focus areas. In that sense we are unique. Like, we're not Department of Education. We have national service

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so our base is a bit different. So they have a broad spectrum of programs that we fund across the nonprofit sector and I think that's partly what has made us sort of venture into different directions. If we were the Department of Ed, probably started with a much more narrower thing. But this is not to negate what you're saying. We are sort of starting, as you said, somewhere. And I think as we learn more, we'll decide what is the best strategy to go forward, because at this point, we have looked at what we have in terms of an evidence-based, we've looked at the strongest solutions that we've funded. And we're looking at them as a test case to see what we're learning about getting them, again, to [unintelligible] across the country. It doesn't mean we will not want to look back and we think this as we learn more.

FEMALE: Can I also add that I don't see this as a testing of the framework? I see the framework as sort of setting parameters for what we're looking at. I totally agree if we were testing a framework that it would be better to have interventions that are pretty similar, but maybe vary the context in which they're

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unfolding, or something like that. I don't see it as testing the framework. I see the framework as providing structure to what we're doing and then feeding off of what really says is really trying to provide practical, very practical, I hope, information to CNCS and the grantees about the challenges and what are the challenges you're going to face when you scale and what can help you overcome them. And given the fact it's practical knowledge, and the array of programs to CNCS funds, we really different want to get a broad view.

FEMALE: Okay, so I'm just going to take a couple more of...go ahead.

FEMALE: Hi. This is Laurie Frank, [unintelligible]. Part of what I think some of us are wondering about is your sampling frame, more the selection for this, and I'm interested in your orientation toward or your tolerance for modifications. The butterfly question. At what point does scaling become innovation because things have changed so much in the course of scaling?

MALE: Yeah, and I think the way we set up our project is in hopes to tackle that, and I think one of the things Nan talked about in the framework is,

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it's not just what are the elements, but what are the core elements of the program. So something of the intervention. So at what point are you deviating so far from that that you're really scaling something entirely? But then, if you are making modifications or adaptations, which of course are necessary when you're bringing new context. You might have to do that. But are you staying true to maybe some of the core essential elements of the intervention to stay grounded in the underlying evidence for it, or are you deviating so much from it? And if you happen to deviate from it, are you doing it in a way that, as Nan said, that's purposeful and that's mindful? Are you bringing in evidence or other underlying justifications to say, we are changing the dosage which existed for the original model but we feel confident because we're bringing in this evidence to support [unintelligible]? So the way we reviewed some of these documents is what is the adaptation. But we also wanted to collect information of did the grantee justify or did they provide a rationale for why they're doing it, too. So we were very mindful of that, that adaptation is sometimes necessary and it's

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also, it happens, but are you doing it in a way that's at least informed by evidence or for some other rationale, too, and staying hopefully true to the original model but knowing maybe you're tweaking around the edges?

FEMALE: Does that answer?

FEMALE: Okay.

FEMALE: So just a few from online. Vicki Jones. She wants to know about the best practices for identifying quote/unquote organizational readiness for scaling and she points to slide three and she said it seems fuzzy; qualitative rather than quantitative. So it's more of a remark.

[unintelligible] move to that slide, thirteen.

FEMALE: Slide three or slide thirteen?

FEMALE: Thirteen, I believe.

FEMALE: It's more of a comment.

FEMALE: It is more of a comment, and I agree. I'm trying to think of a succinct way of answering the comment or addressing the comment. I guess the succinct way of saying it is underlying each of these bullets are sub-bullets, and then sub-bullets to the sub-bullets. And so when we say leaders and key

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stakeholders and partners support the interventions, we've got under that operational definitions of what that means, and then sometimes under those operational definitions, it gets more specific. So what I presented is sort of the first line, you know, very high level and very astutely you've noticed that there's a lot that goes under this.

FEMALE: So just moving on to two more. Sandy Schiffers. If the intervention keeps changing, isn't it impossible to conduct an RCT or even a QED? I think back to adaptation.

FEMALE: I do think that this level RCT experimental designs that is as many of you know, come from national sciences where the situation is much more controlled, and I do that that if a program is making a lot of adaptations and tweaking and refinement, it is not at point where an RCT or a quasi-experimental design should be done. It typically has to, the program has to be mature and stable enough with a number of other qualifiers like many things need to be well-defined to make that a worthwhile endeavor. And as you all know, some of those have some [unintelligible] are fairly expensive, so you don't

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want to just do it willy-nilly and you know you want to do it at the right time. So I want to acknowledge that and say that that is not an appropriate time if the program is not ready for an impact evaluation that's fairly rigorous, I don't think that it should be done. Also, there are certain programs that are just not constructed for this type of design, and you have to acknowledge that and move forward and sort of use the best methodology for studying a program based on its sort of stage of development, if that makes sense.

MALE: I can add on to that. It also mentioned this nuance, too. It brings up the nuance of the program model and then that for which was actually evaluated. And you want to make sure that you're specifying, that you might have started [unintelligible] be over here with the model that we're testing, but if you made so many modifications, then you're not actually testing that anymore; you're testing the adaptations and having clear specifications that, you know, we started with this teacher practice program but because of these modifications, the evidence is now for those modifications. But then, has the study done

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well because of all the changes along the way, too. So it also speaks to you really need to be really clear about what you're actually studying both in terms of the original conception but then actually what happened in practice, because what happened in practice, that's the evidence.

FEMALE: So, in terms of models, I'll read this and I'll go to the live audience. This is [unintelligible]. Hello, I'm looking for examples of high-quality evidence models and evaluation models, methods, and scaling projects specifically for environmentally-based interventions. There are great examples that involve social services and educational interventions, and how populations of people are affected, but few related to the environment.

MALE: I'm sorry, I was...

FEMALE: But there's you in terms of environmentally-based interventions, are there any examples that mostly they're in education and social services.

MALE: It's true that we looked at the strongest programs we have with regard to both their evidence and also their activity in terms of the, you know, when we look at the grants, they're scaling up or

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they're scaling out or they're scaling deep. And they provided us with an opportunity to look at some variation and to pull some knowledge from that. With regard to a lot of our programs, particularly in the conversation area, yes, we want to look at different programs and scale them. But the first question you might ask is, scale them in what direction? Or how do you want to scale this? Is it scaling up? Is it scaling in one particular focus area or is it scaling in another focus area? Such as, or using that focus area rather to measure scaling so it's just capacity building. And we've spoken about this. There's a lot of ways to do evaluations and a lot of ways to look at what those outcomes are, and then study those outcomes in a rigorous way. And I think a lot of programs are just learning that. And we're hoping that this project will identify those key elements that all programs can use. In response to some of the other statements that were made about whether or not an intervention changes so much it's hard to measure it, yeah. Certainly that would be a concern, but one of the things we certainly know is that if you scale, you need certain components to be present to do that.

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The organization wanted the intervention well-defined and all of that stuff. And I think in some areas some of our grantees are going to have to think hard about how they define their intervention and look at that; what does that mean? And then, what are ways of measuring that out from there? So we're hoping that this applies to all of our grantees across all of our focus areas, that key elements will be relevant to them as well. And hopefully, we can provide some guidance with regard to where they might go.

FEMALE: Okay, so Leticia Braga. Have efforts been made to compare the evidence standards across agencies? For example, the Department of Education uses the terms moderate and strong evidence, but the definitions include different components. What do you see as the balance between adapting definitions to the needs of specific agency area of focus and having enough commonality to develop a common vocabulary?

FEMALE: I can take that one. So yes, I think this is something that we are doing and have done. We had actually tiered evidence work group that was meeting for a while on specific [unintelligible]. This is one of the questions that came up, and something that

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members of the group discuss on a regular basis. I think the group's in a little bit of a hiatus, but you know, we're thinking about potentially some additional meetings particularly around this very question and I think it is a balance. So there's certainly some desire to standardize and if you look at some of the recent legislation that is included to your components, in one way or another, you'll see that those definitions are starting to converge and that new programs are sort of referred back to definitions that are already in statute. So we definitely are seeing that. I think at the same time there's recognition that the evidence base is not the same in all areas, that there are certainly some policy areas in which we have very little evidence and the priority should be on building that evidence base; whereas in other areas, the evidence base is much more well-developed, and that might be more amenable to [unintelligible] tier structure with that higher level. So I think it is a balance. On some level, we want to set the aspiration high, and in all areas we would hope that the evidence base is developed sufficiently to eventually get to that

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highest level. And we're also recognizing that it does vary quite widely, but appreciate the question and I think it's something that is on quite a few people's mind these days.

FEMALE: [unintelligible] NIH. Maybe I'm going further back in the pipeline; I'm not completely sure how CNCS' grant mechanism works, exactly, but I was curious specifically about the health focus programs and grants. Does CNCS consume information from NIH, for like aging and early childhood type of work? Is there a dialogue already going on?

FEMALE: I wouldn't say it's ongoing. We have, particularly in the space of again we have had conversations and enjoyed some of their sort of retreats, if you will, with some of their researchers with the overlap with Senior Corps, so there are occasions where we try to sync up and certainly, in the example of the Senior Corps, augmentation grants, and I think we're referenced early on. There is a list of NIA evidence-based programs that they select from. So wherever we can find those natural synergies, we try to definitely do so. In early education, I would say there's been more tenuous

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conversations. We've had stronger conversations at IES and the Department of Ed in the prior administration than we've had in the current, but it's always an aspiration.

FEMALE: Okay. I was at NIA before and I remember meeting with [unintelligible].

FEMALE: Yes, exactly.

FEMALE: ...so I was curious how it is in the other areas.

FEMALE: Alright, so Mary Newton says, I'm not sure I understand what you mean by [unintelligible]. It sounds like a fancy name for expand. Can you clarify this term a little bit more?

FEMALE: Okay, where was that slide? Seven? Bringing that up. Eight. So expansion is certainly one form, but we have put definitions to scaling and your question is spot-on in that the first thing you have to do is define scaling and people define it in very different ways. So expansion is one part of it, but we set the definition of expansion to more of the same chart of population in the same area, in the same location. So you're just sort of growing your business, so to speak, where you are. But then we do

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go beyond that and talk about replication, where you've got the same program in a different location, maybe a different organization, wherever, with the same population. And then the adaption which is the one I think that we're all struggling with because it is modifying the intervention or modifying it for a new population. That really is the heart of the discussion, and when does it become a new intervention? So we do have these three definitions. They're not quite standard, you know. Across the field, people do define it differently, but this is what we invoked.

FEMALE: And then Allison Augustin actually has a question that is a bit of a follow up. What are the indicators City Year uses to assess whether we can scale our program as marketplace demand? By that I mean the extent to which our school district partners are requesting our services and willing to invest to support them. Being able to respond to district needs, share a strategy, and show the effectiveness of our program allows us to do that, but scaling won't happen without the market quote/unquote demand.

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MALE: Yeah, absolutely. I mean, I think the [unintelligible] local context itself. You don't want to bring an intervention where there may not be a need for it. If you say you want to expand but there's no more population to expand to, then that wouldn't be a successful effort. So in addition to not just the demand, it's also the support that might exist, too. [unintelligible] specifically on the intervention readiness and the organization readiness, but that's not to say that the local context and reading where you're trying to expand or replicate or adapt, that also is very important to the success of the scaling, too.

FEMALE: And I also add that I think the local context and demand for the intervention does affect whether you scale up or scale down. You know, we're using the word scaling, but scaling down is captured in local demand.

FEMALE: Okay, so, we're near the end, but I just want to give everyone - I know Mary's going to close - but are there any last comments from the live audience or Anthony, Lily, any of the speakers?

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MARY: Well, thank you again to our speakers and to those who provided comments and as well to the audience who's joined us in this discussion today. Special thank you to our ICF colleagues as well as our other [unintelligible] colleagues and our friends at OMB who have really tried to pull all this together and coordinate this series. It's been a nice collaboration. We will be sending out a post-webinar survey, so please let us know your thoughts on this webinar or ideas for future webinars, and we will post this recording in about a month. So thank you for joining and thank you for your time today.

[APPLAUSE]

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