Interactive Tools to Support CYFAR SCP Program Evaluation

CYFAR 2013 SCP Orientation
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Crystal City, Virginia
CYFERnet Evaluation Team

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Outline for Today

1. UA CYFERnet Evaluation Team
2. Common Measures
3. CYFERnetSEARCH.org
4. Clickers for Data Collection
5. IRB
6. Next Steps
Support the efforts of USDA to build evaluation capacity in order to implement, collect and utilize short and long-term data to sustain the CYFAR Initiative
CYFERnet Evaluation

CYFERnet Evaluation activities include:

– Provision of technical assistance and training
– Coordination of evaluation webinars
– Development of evaluation resources
– Coordinating clicker technology for data collection
– CYFAR Annual Report System
CYFAR Common Measures

• CYFAR has 40+ sites across the nation
• A common evaluation of all sites is the foundation
• Common Measures are the tool USDA-NIFA has established in order to collect data across the Initiative
Why Common Measures?

• Why use common measures?
  – Support program outcomes
  – Provide aggregate-level data
  – Promote sustainability
  – Demonstrate performance accountability
  – Report findings to grantees, stakeholders, funders, policy makers
Identifying CYFAR Common Measures

• University of Arizona & Virginia Tech led extensive process of identifying short-term outcome areas for CYFAR programs nationally

• Acknowledge diversity of CYFAR target populations and programming

• Ongoing process of identifying short-term outcome areas for newly funded grantees
Review and Vetting Process

- Over 300 assessments identified
- 7 short-term outcome areas using CYFAR logic models
- Developed standards to evaluate measures
- Three rounds of review

- Published psychometrics
- Reliability
- Validity
- History of use
- Languages
- Reading level
- Cost
- Ease of use; training
CYFAR Target Populations

• Target populations include:
  – Youth
    • Middle school
    • High school
    • Elementary (Grades 3-5)
  – Adults
<table>
<thead>
<tr>
<th>Construct</th>
<th>Audience</th>
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<tr>
<td>Leadership Development</td>
<td>High School</td>
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<td>Nutrition</td>
<td>Middle School, High School, Elementary</td>
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<td>Parenting</td>
<td>Adults</td>
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<td>Physical Activity</td>
<td>Middle School, High School, Elementary</td>
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<td>Science</td>
<td>Middle School, High School, Elementary</td>
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<tr>
<td>Technology</td>
<td>Adults, Middle School, High School, Elementary</td>
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<td>Workforce Preparation</td>
<td>Middle School, High School</td>
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Required Common Measures

Year One CYFAR SCP grantees are required to use the CYFAR Common Measures:

– Participant demographics (all participants)
– Participation level (all participants)
– Core competencies (Middle & High School youth)
– Youth program quality (Middle & High School youth)
– One short-term outcome measure (all participants)
Technology for Data Collection

The effective use of technology to support Common Measure evaluation efforts:

- Using tools hosted at CYFERnetSEARCH.org
- Using clickers for data collection
Welcome to Supporting Evaluation and Research Capacity Hub
Moving Forward with Evaluation!

LEARN
Explore all aspects of program evaluation, watch videos from experts in the field, and take quizzes to test your knowledge! You can also browse our Additional Resources listed at the end of every module.

BUILD
Need to build a logic model? Review our Interactive Learning Module on Logic Models and then begin building your very own logic model on-line. The Logic Model Builder walks you through the process of creating a CYFAR-approved logic model, to preview, edit and print to PDF once you have completed your document.

EVALUATE
Review a list of approved common measures to enhance your program evaluation. Each measure has been vetted by experts in the field, and includes citations and psychometrics. Use these common measures to build your custom-tailored survey using our on-line Survey Builder.

REPORT
Use our on-line Survey Builder to select the appropriate CYFAR Common Measures for your program, develop an on-line or printable survey, and upload your data for aggregate analysis for CYFAR programming.

CYFERnetSEARCH.org
CYFERnetSEARCH.org
Supporting Evaluation and Research Capacity Hub

- Assist CYFAR SCP grantees meet USDA-NIFA evaluation requirements with easy-to-use interactive tools
  - Logic model and survey builders
- Source for evaluation capacity-building resources, tools, and information
- Available to the general public
Register to Sign In

Welcome to Supporting Evaluation and Research Capacity Hub

Click “Login” on the homepage
Features of Your Account

• Building logic models and survey
  – Save, review, revise, download

• Managing data collection
  – Downloading survey files
  – Uploading data
  – Downloading data sets
  – Reporting functions
Survey Builder

Create a custom survey using vetted measures

Edit and save surveys to your account

Download your survey:
- Pre/Post
- PDF files
Clicker Technology
Clickers for Data Collection

• Beginning 2011, CYFAR SCP grantees are required to use clicker technology to collect Common Measure data

• Equipment, training, and technical assistance will be provided by the CYFERnet Evaluation Team
Benefits of Using Clickers

• Eliminate manual data entry
• Better quality of data
• Collect data from large groups at once (32)
• Great way to engage participants in data collection
• Streamline data collection across CYFAR
• Enable aggregate-level analysis of outcomes
Data Management

• Use CYFERnetSEARCH.org for:
  – Data upload
  – Data export for site-specific analysis
    • CSV or Excel
  – Basic reporting functions
  – Aggregate-level analysis in short-term outcome areas
  – Initiative-wide analysis to USDA-NIFA
IRB and CYFAR Common Measures

• CYFAR grantees must consult with their local institution to determine if IRB approval required

• There will not be any multi-institution level oversight or Human Subjects approval for the Common Measures data collection process

• Each CYFAR site will safeguard their data by submitting only de-identified data to the CYFERnetSEARCH.org website
Before You Collect Data!

• Each institution interprets the federal guidelines governing what constitutes Human Subjects research differently

• Check with your local institution’s IRB to determine if CYFAR Common Measures data collection qualifies as research at your institution

• Program evaluation is often exempt from IRB review, though ultimately this will be determined by your institution’s IRB
Additional Considerations

• What survey questions (if any) do you plan on collecting in addition to CYFAR Common Measures?
  o  Are these questions sensitive in nature?

• What do you plan to do with your data?
  o  Submission to peer reviewed publication?

• What are your institution’s requirements when collecting data from youth and adult program participants?

• Do you need Human Subjects training and certification prior to data collection?
Learn More!

• Review the United States Department of Health and Human Services, Office for Human Research Protections (OHRP) 45 CFR 46.102(f) guidelines for more detailed information about what qualifies as research involving Human Subjects.

• Review the CYFERnetSEARCH Interactive Learning Module on *Collecting and Handling Data* for more information on research with Human Subjects and the IRB review process: 
  
  [https://cyfernetsearch.org/ilm_5_1](https://cyfernetsearch.org/ilm_5_1)
Upcoming Trainings

• CYFERnet Evaluation Team will provide training:
  – Introduction to the Survey Builder
  – Clicker Application
  – Survey Administration: Data Collection & Upload
  – Data Management and Reporting
Additional Support

• Interactive learning modules on CYFERnetSEARCH.org
• Tutorials on CYFERnetSEARCH.org
• Individualized technical assistance
• Equipment coordination
Next Steps!

• Update Logic Model online*
  – July 15, 2013
• Build survey online*
• Verify your institution’s IRB requirements*
• Participate in trainings*
• Use resources at CYFERnetSEARCH.org!

*REQUIRED
### Thank You!

#### CYFERnet Evaluation Team

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