



Interactive Tools to Support CYFAR SCP Program Evaluation

*CYFAR 2013 SCP Orientation
May 15, 2013
Crystal City, Virginia*



Sponsored by 4-H National Headquarters, National Institute of Food and Agriculture (NIFA) of the United States Department of Agriculture (USDA) in partnership with the University of Arizona

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



CYFERnet Evaluation

Role of the CYFERnet Evaluation Team at the University of Arizona:

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



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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



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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



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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



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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**

Construct	Audience
Leadership Development	High School
Nutrition	Middle School, High School, Elementary
Parenting	Adults
Physical Activity	Middle School, High School, Elementary
Science	Middle School, High School, Elementary
Technology	Adults, Middle School, High School, Elementary
Workforce Preparation	Middle School, High School



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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)



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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



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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.

Welcome to Supporting Evaluation and Research Capacity Hub
Moving Forward with Evaluation!

[Login ->](#)

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



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LEARN

Learning Modules

FAQs

Video Resources

Archived Resources

Glossary

Blog/Online Forum

BUILD

Build Your Account

Log In to Your Account

Build Your Logic Model

Build Your Survey

EVALUATE

Searchable Database of
Evaluation Instruments

CYFAR Common
Measures

Technology and
Evaluation

Data Upload/Download

REPORT

CYFAR Annual Report

Generate a Report

Register to Sign In

The image shows a screenshot of the CYFERnet SEARCH homepage. At the top left is the CYFERnet SEARCH logo, which consists of a gear icon with colored segments (yellow, red, green, blue) and the text 'CYFERnet SEARCH'. To the right of the logo are navigation links: 'COMMON MEASURES', 'LOGIC MODEL BUILDER', 'SURVEY BUILDER', and 'RESOURCES'. Below the navigation links are four colored cards representing different sections: 'LEARN' (green), 'BUILD' (yellow), 'EVALUATE' (blue), and 'REPORT' (red). Each card contains a brief description of its content. At the bottom of the page, there is a yellow banner with the text 'Welcome to Supporting Evaluation and Research Capacity Hub'. Below this banner is a yellow rounded rectangle containing the text 'Click "Login" on the homepage'. A blue arrow points from this text to a green 'Login ->' button located on the right side of the yellow banner.

CYFERnet SEARCH

COMMON MEASURES LOGIC MODEL BUILDER SURVEY BUILDER RESOURCES

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.

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Welcome to Supporting Evaluation and Research Capacity Hub

Click "Login" on the homepage

Login ->

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



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Survey Builder

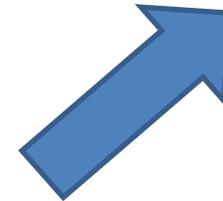
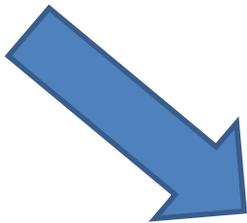
Create a custom survey using vetted measures



Download your survey:

- Pre/Post
- PDF files

Edit and save surveys to your account



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



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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



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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



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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



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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



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Additional Considerations

- What survey questions (if any) do you plan on collecting in addition to CYFAR Common Measures?
 - Are these questions sensitive in nature?
- What do you plan to do with your data?
 - 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



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Upcoming Trainings

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



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Additional Support

- Interactive learning modules on CYFERnetSEARCH.org
- Tutorials on CYFERnetSEARCH.org
- Individualized technical assistance
- Equipment coordination



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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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