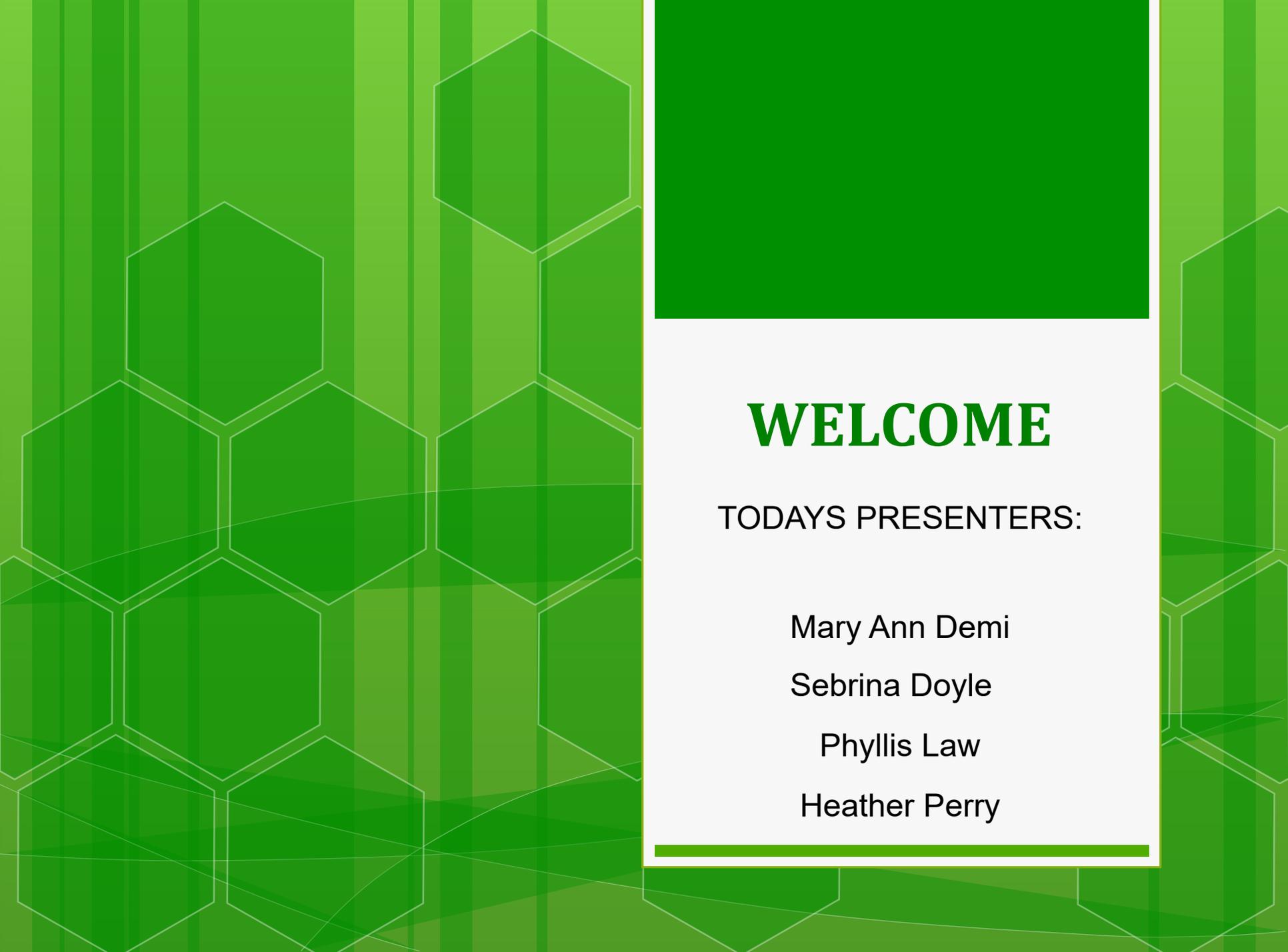




# Creating and Understanding Logic Models for Juvenile Justice Programs

January 24, 2014



The background is a vibrant green with a pattern of white-outlined hexagons of varying sizes and orientations. A large white rectangular area is positioned on the right side of the slide, containing the text. At the top of this white area is a solid green rectangle.

# **WELCOME**

TODAYS PRESENTERS:

Mary Ann Demi

Sebrina Doyle

Phyllis Law

Heather Perry

# A 2-pronged approach...



## Promoting

### Evidence-based Programs

- Theoretically-based
- Demonstrated effects (confidence)
- Sponsored lists
- E.g., Blueprints
- Funding requirements

## Developing

### Practice-based Evidence

- Not an EBP for every community need/context
- Many programs/services already in widespread use
- Some of those may be effective
- Local expertise/fit

# What is a Logic Model?

- Visual way (road map) to present how you believe the activities in your program will bring about change



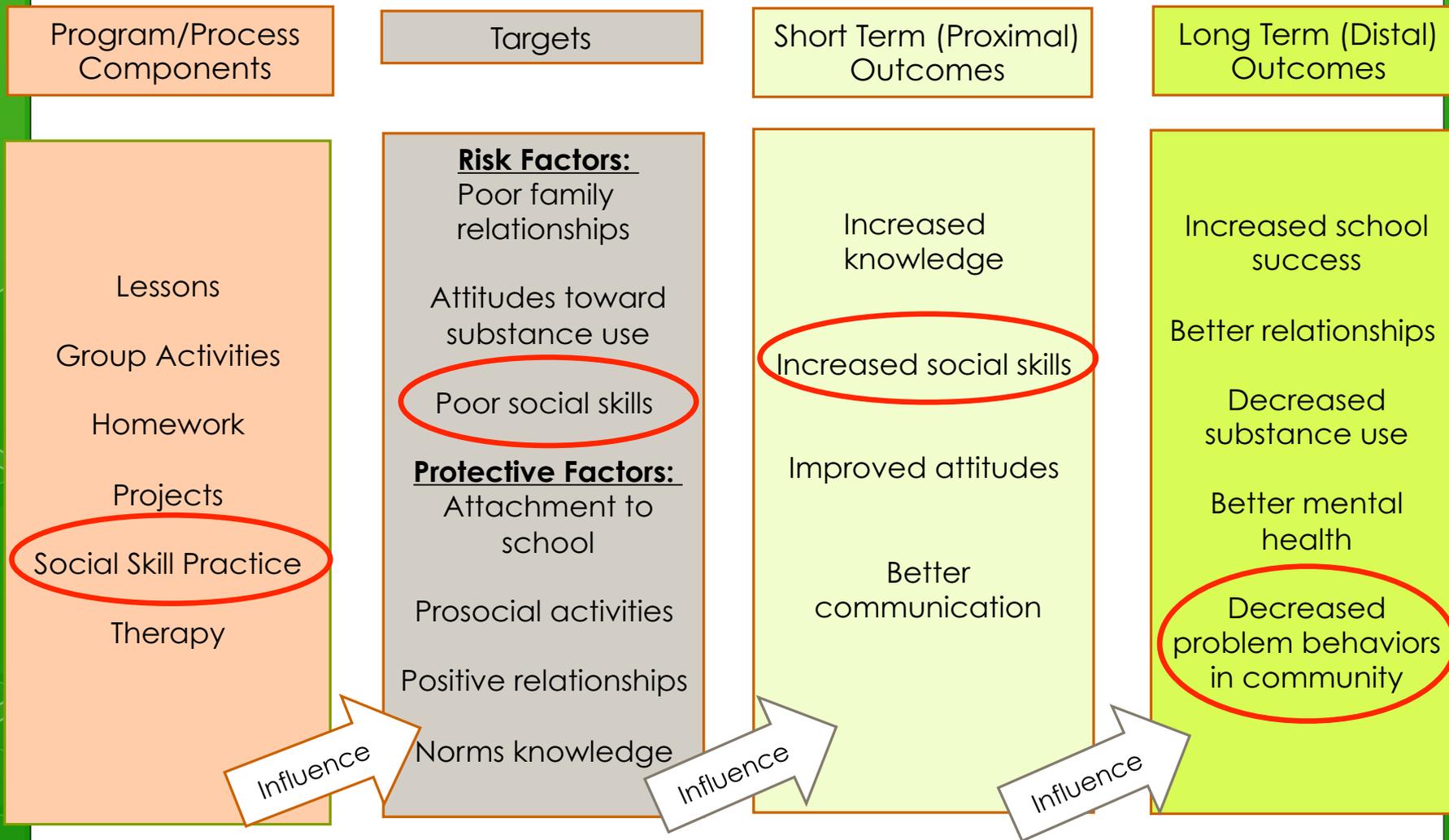
# What is a Logic Model?

- Describes program activities
- Links activities to the risk and protective factors you are targeting
- Maps out the short and long term outcomes you expect

# The Purpose of Logic Models

- Provides stakeholders with a road map of your plan to achieve intended outcomes
  - Communicates the purpose of your program
  - Explains why your program is important
  - Describes the anticipated outcomes
  - Provides a reference point as the program is delivered

# Essential Features of a Program Logic Model



# The Purpose of Logic Models

- A Logic Model allows you to apply what you
- know through:
  - Prior research
  - Outcomes you have already documented
  - Outcomes others have documented
  -



# The Purpose of Logic Models

- Better position programs for success
- because you are able to plan for:
  - Implementation Activities
  - Program Evaluation
  - Sustainability

# Building a Logic Model

- There is no right or wrong way to do a logic model
- Logic models take time to build
- Logic models are best built as a team effort
  - Key stakeholders
  - Organizational Leaders
  - Program staff

# Building a Logic Model

- Logic models can be:
- Organization Specific
- Program specific

# Aggression Replacement Training®

Program developed by Arnold P. Goldstein, Ph.D., Syracuse University; Barry Glick, Ph.D., New York State Division for Youth; and John C. Gibbs Ph.D., Ohio State University

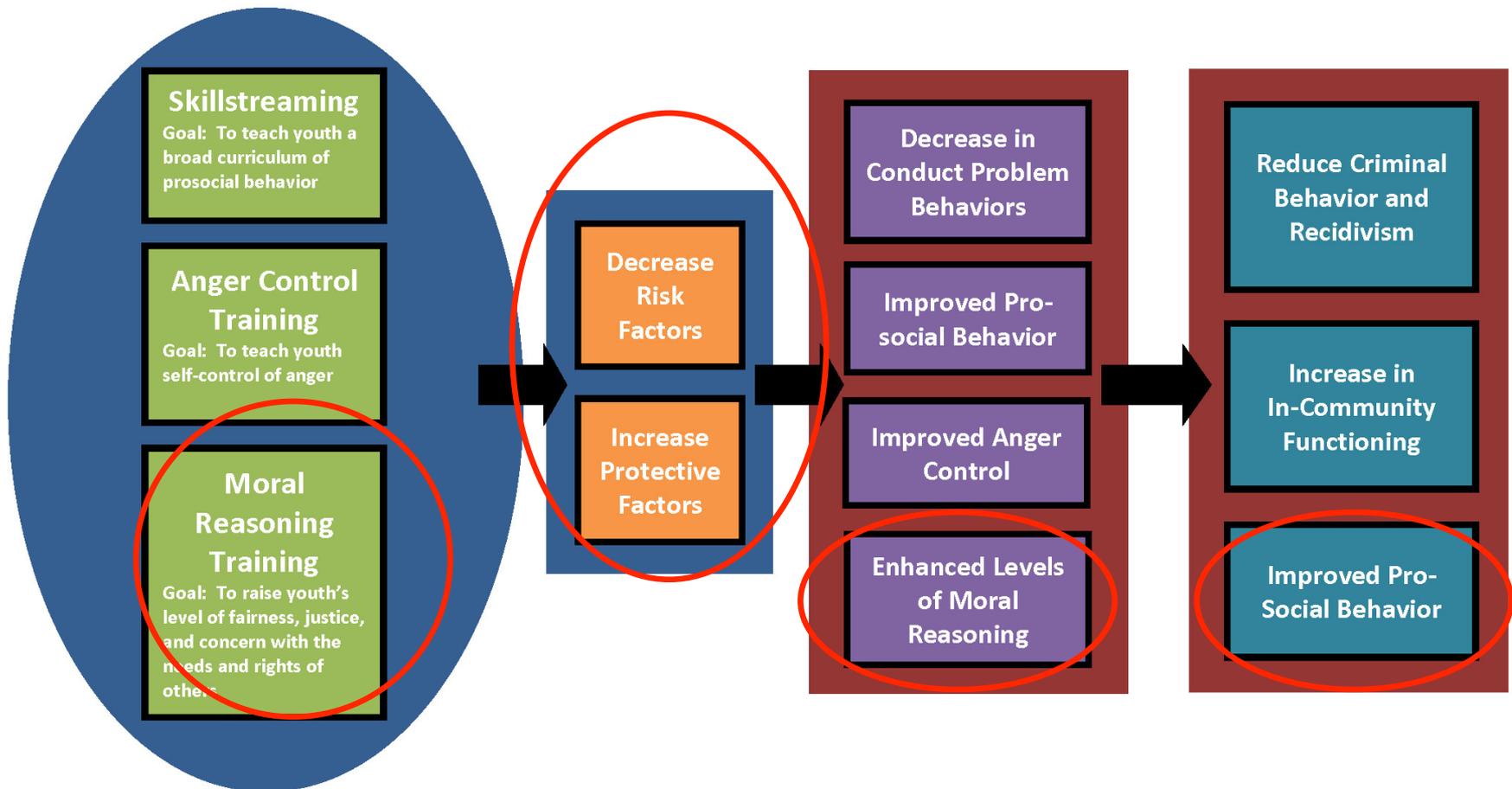
*Logic Model created by the Evidence-based Prevention and Intervention Support Center (EPISCenter) at Penn State University.*

## Program Components

## Targets

## Proximal Outcomes

## Distal Outcomes



## Program Components

**Program Modalities**  
 Specific strategies, methods, and techniques are used to accomplish the program goals.

**Targeted Risk and Protective Factors**  
 Risk factors, which increase the likelihood of negative outcomes (e.g., drug use, delinquency, school dropout, teen pregnancy, and violent behavior) are targeted for a decrease. Protective factors, which exert a positive influence and buffer against negative outcomes, are targeted for an increase.

**Proximal Outcomes**  
 Targeted outcomes that the program is designed to impact *immediately following* program completion.

**Distal Outcomes**  
 Outcomes impacted by the program *months/years following* program completion that have been demonstrated through research.

**Skillstreaming**  
 Goal: To teach youth a broad curriculum of prosocial behavior (50-skill curriculum of prosocial behaviors)

- Modeling of expert use of behaviors
- Role Playing
- Performance Feedback
- Transfer training (encourage practice outside of program)

**Anger Control Training**  
 Goal: To teach youth self-control of anger

- Identify triggers
- Identify cues
- Using reminders (self-statements like "stay calm")
- Use reducers (i.e. deep breathing)
- Using self-evaluation (reflect on whether handled appropriately)

**Moral Reasoning Training**  
 Goal: To raise youth's level of fairness, justice, and concern with the needs and rights of others

- Moral dilemmas discussion

**Risk Factors:**

- Aggressive behavior
- Impulsive behavior
- Poor problem solving skills
- Poor social skills
- Early initiation and persistent antisocial behavior
- Favorable attitudes towards antisocial behavior

**Protective Factors:**

- Social skills (beginning and advanced)
- Emotional awareness and understanding
- Emotional regulation
- Planning Skills
- Problem solving
- Identify triggers and cues of anger
- Use reminders and reducers
- Using self-evaluation
- Heightened moral reasoning

**Decrease in Conduct Problem Behavior:**

- Improve relationships with teacher
- Decrease in frequency and intensity in daily acting out behavior incidents
- Decrease in impulsiveness
- Help youth feel more responsible

**Improved Pro-Social Behavior:**

- Increased knowledge of social skills
- more likely to express a complaint appropriately
- more likely to express a complaint appropriately

**Improved Anger Control:**

- more likely to respond to anger appropriately
- less likely to initiate a fight

**Enhanced Levels of Moral Reasoning:**

- more likely to respond to group pressure appropriately

**Decrease Levels of Thinking Errors:**

- see improvements in assuming the worst

**Reduced Criminal Behavior and Recidivism Rate:**

- Less likely to be arrested again
- Less likely to commit a felony again
- decrease in conduct problem behavior

**Improvement in In-Community Functioning:**

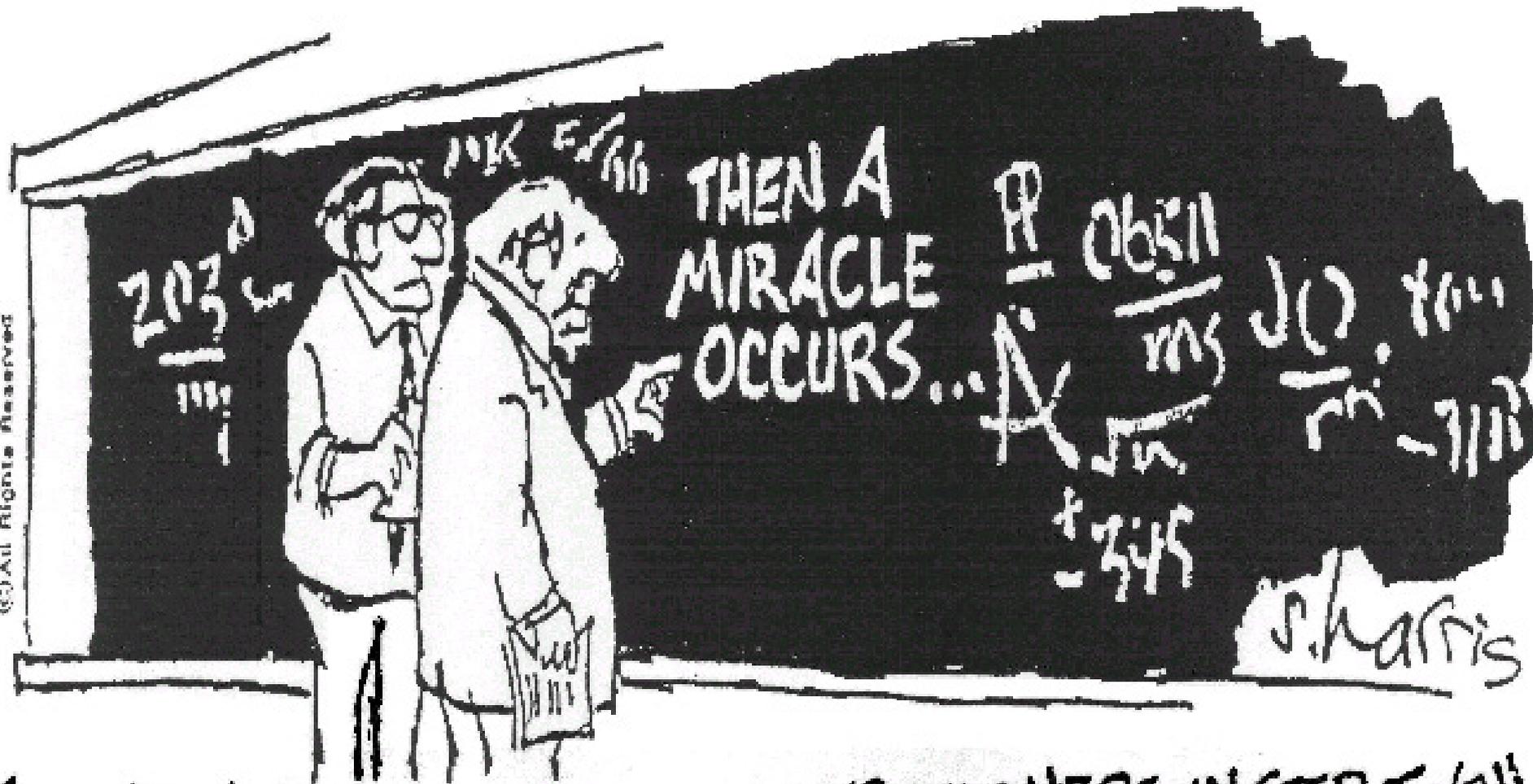
- more likely to be rated higher in domains of home and family, peer, legal, and overall adjustment

**Improved Pro-Social Behavior:**

- Enhanced pro-social skill competency

**Reduction in aggressive and delinquent behavior**

© All Rights Reserved



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."

```
graph TD; A[Your Organization/Agency] --> B((Group Counseling)); A --> C((Victim-Offender Mediation)); A --> D((Family Group Decision Making));
```

Your Organization/Agency

Group  
Counseling

Victim-  
Offender  
Mediation

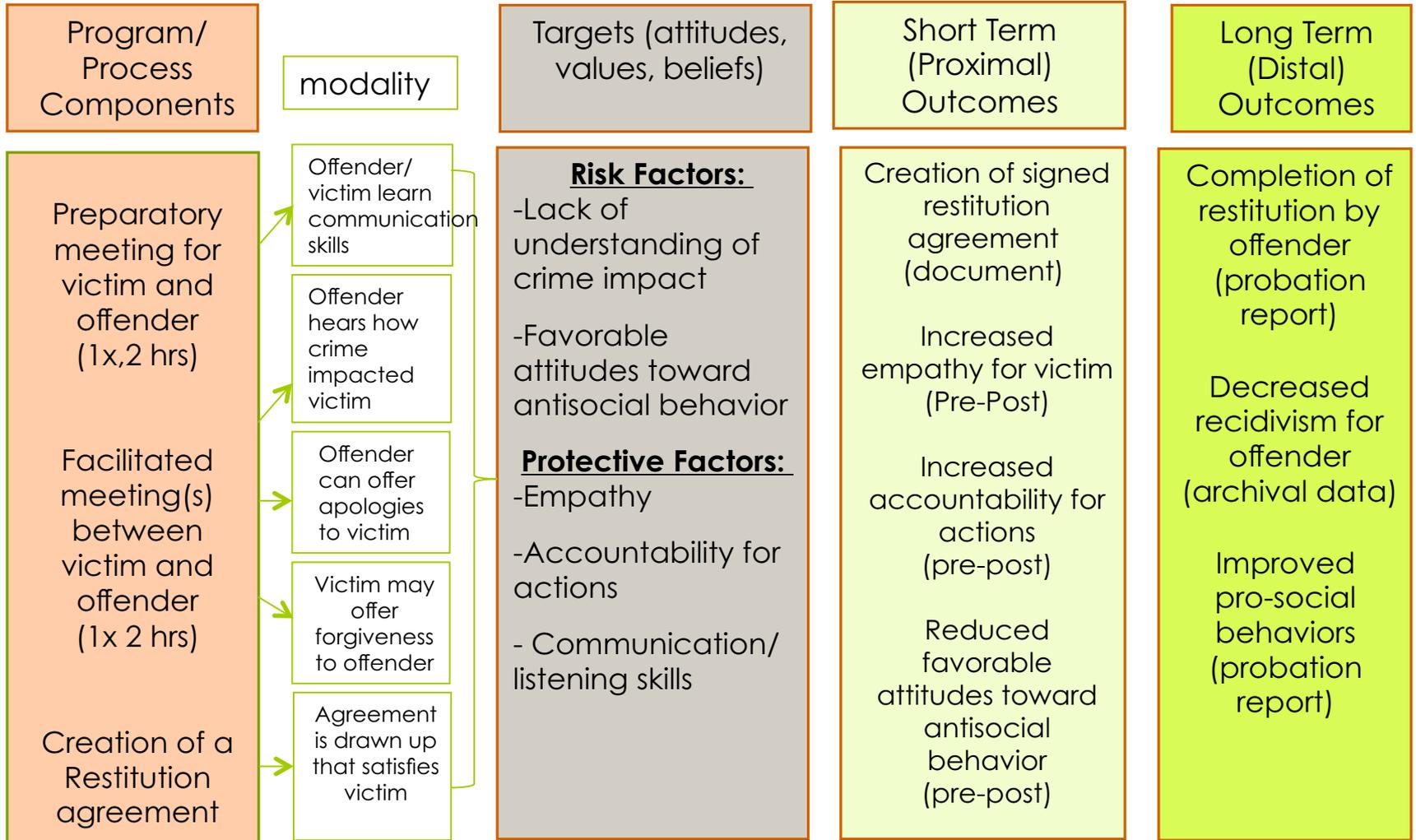
Family  
Group  
Decision  
Making

# Things to think about:

- Your logic model should be focused on what is being done **with the person receiving the services.**
- Your program targets are a way to describe **how** you are getting to your outcomes. The direction is not the same as the destination!
- Your short-term outcomes should be things you are measuring (or plan to measure).
- Long-term outcomes are your “desired outcomes for the future” and should be based in research, experience, and (if possible) actual data from your program.

# My Victim-Offender Mediation Program

Training



## Standardized Program Evaluation Protocol (SPEP) for Services to Juvenile Offenders®

Recalibrated version, 2013

	Points Possible	Points Received
<b>Primary and Supplemental Service Types</b> [Identified according to definitions derived from the research]		
<b>Primary Service Type for Program Being Rated</b> Group 1 services (5 points)      Group 4 services (25 points) Group 2 services (10 points)    Group 5 services (30 points) Group 3 services (15 points)	30	
<b>Supplemental Service Type</b> Qualifying supplemental service used: Yes (5 points) No (0 points)	5	
<b>Quality of Service Delivery</b> [Determined from a systematic assessment of the relevant features of the provider and provider organization]		
Rated quality of services delivered: Low (5 points) Medium (10 points) High (20 points)	20	
<b>Amount of Service</b> [Determined from data for the qualifying group of service recipients]		
<b>Duration</b> [Target number of weeks specified for each service type] % of youth who received at least the target weeks of service: 0% (0 points)      60% (6 points) 20% (2 points)    80% (8 points) 40% (4 points)    99% (10 points)	10	
<b>Contact Hours</b> [Target number of hours specified for each service type] % of youth who received at least the target hours of service: 0% (0 points)      60% (6 points) 20% (2 points)    80% (8 points) 40% (4 points)    99% (10 points)	10	
<b>Risk Level of Youth Served</b> [Determined from risk ratings on a valid instrument for the qualifying group of service recipients]		
% of youth with medium or high risk scores (greater than low): 0% (0 points)    75% (7 points) 30% (2 points)   85% (10 points) 50% (5 points)   95% (12 points)	% of youth with high risk scores (greater than medium): 0% (0 points)    25% (8 points) 15% (3 points)   30% (10 points) 20% (5 points)   35% (13 points)	25
<b>Provider's Total SPEP Score</b>	100	(Insert Score)

1. Restorative Services
2. Counseling
3. Skill Building Services

1. Written Program Protocol
2. Personnel Trained in the Program and Associated Protocol
3. Monitoring the Quality of the Service Delivery
4. Organizational Procedures for Responding to Departures from the Protocol

Targets for Duration and Dosage are dependent on Service Type

The Commonwealth has adopted the "Youth Level of Service", or YLS, as its measure of youth risk level. Scores are based on the proportion of moderate to high-risk youth participating in your services.

# My Victim-Offender Mediation Program

## Program/ Process Components

Preparatory  
meeting for  
victim and  
offender  
(1x, 2 hrs)

Facilitated  
meeting(s)  
between  
victim and  
offender  
(1x, 2 hrs)

Creation of a  
Restitution  
agreement

## modality

Offenders/  
victims  
learn  
communication  
skills

Offender  
hears how  
crime  
impacted  
victim

Offender  
can offer  
apologies  
to victim

Victim may  
offer  
forgiveness  
to offender

Agreement  
is drawn up  
that satisfies  
victim

## Targets (attitudes, values, beliefs)

### Risk Factors:

- Lack of understanding of crime impact
- Favorable attitudes toward antisocial behavior

### Protective Factors:

- Empathy
- Accountability for actions
- Communication/  
listening skills

## Short Term (Proximal) Outcomes

Creation of signed  
restitution  
agreement  
(document)

Increased  
empathy for victim  
(Pre-Post)

Increased  
accountability for  
actions  
(pre-post)

Reduced  
favorable  
attitudes toward  
antisocial  
behavior  
(pre-post)

## Long Term (Distal) Outcomes

Completion of  
restitution by  
offender  
(probation  
report)

Decreased  
recidivism for  
offender  
(archival data)

Improved  
pro-social  
behaviors  
(probation  
report)

Training



**Q&A**

# Thank You!

**Evidence-based Prevention and Intervention Support Center  
Prevention Research Center, Penn State University**

**206 Towers Bldg.**

**University Park, PA 16802**

**(814) 863-2568**

**episcenter@psu.edu**

**www.episcenter.psu.edu**



*The EPISCenter is a project of the Prevention Research Center, College of Health and Human Development, Penn State University, and is funded by the Pennsylvania Commission on Crime and Delinquency and the Pennsylvania Department of Public Welfare as a component of the Resource Center for Evidence--Based Prevention and Intervention Programs and Practices.*



# Thank You!

- Save the Date:
  - February 21, 2014 at 11 am SPEP Overview and Review with an open forum Questions and Answer session to follow
- Evaluation of this webinar
  - Available in Web Links panel, lower left corner of the screen

The EPISCenter is listed here:

<http://www.episcenter.psu.edu/juvenile>

# EPIS Center Staff

- Mary Ann Demi- MDemi@episcenter.org
- Sebrina Doyle-Sdoyle@episcenter.org
- Phyllis Law-Plaw@episcenter.org
- Heather Perry- HPerry@episcenter.org

# Additional Resources

- More information on building a logic model
  - <http://www.wkkf.org/resource-directory/resource/2006/02/wk-kellog-foundation-logic-model-development-guide>
- More information on risk and protective factors
  - <https://www.ncjrs.gov/pdffiles1/ojdp/193409.pdf>
  - [http://www.episcenter.psu.edu/sites/default/files/ctc/Risk\\_Factor\\_Chart-Definitions\\_and\\_Behaviors.pdf](http://www.episcenter.psu.edu/sites/default/files/ctc/Risk_Factor_Chart-Definitions_and_Behaviors.pdf)
  - [http://www.episcenter.psu.edu/sites/default/files/ctc/Protective\\_Factor\\_Chart-Definitions\\_and\\_SDS.pdf](http://www.episcenter.psu.edu/sites/default/files/ctc/Protective_Factor_Chart-Definitions_and_SDS.pdf)

# Acknowledgements

*The EPISCenter is a project of the Prevention Research Center, College of Health and Human Development, Penn State University, and is funded by the Pennsylvania Commission on Crime and Delinquency and the Pennsylvania Department of Public Welfare as a component of the Resource Center for Evidence--Based Prevention and Intervention Programs and Practices.*



**pennsylvania**  
COMMISSION ON CRIME  
AND DELINQUENCY

## Other things to consider:

- **What training is needed** to facilitate this service?
- **Who benefits** most from this service or component?
- **How often** do the activities need to happen to be effective? (Dosage)
- What is the **average time needed** at each session or with each component? (Duration)
- As you are putting together the information from this logic model, consider writing it down if you haven't already to **create a manual or guide** that states the expectations for this service or component of your service.

# Thank You!

**Evidence-based Prevention and Intervention Support Center  
Prevention Research Center, Penn State University 206  
Towers Bldg. University Park, PA 16802**

**(814) 863-2568**

**episcenter@psu.edu**

**www.episcenter.psu.edu**

