


Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

CAPT Regional Technical Expert Panel Meeting  
Hollywood, CA  
June 22, 2010

**Identifying and Selecting *Appropriate*  
Evidence-Based Interventions**

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SAMHSA/CSAP



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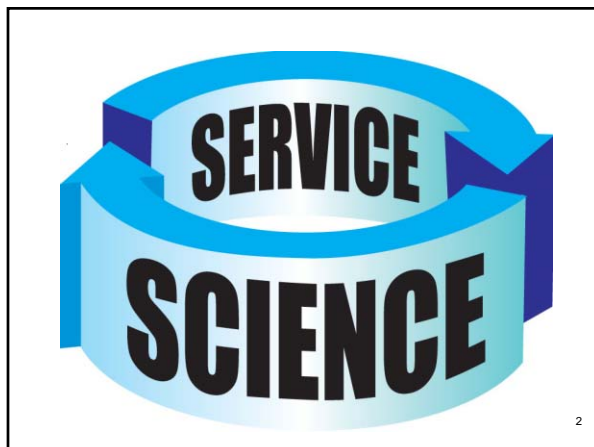
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Identifying and Selecting  
Evidence-Based Interventions



- **CSAP website:**  
<http://prevention.samhsa.gov/evidencebased/evidencebased.pdf>
- **CAPT website:**  
<http://captus.samhsa.gov>
- **SAMHSA's Health Information Network (SHIN):**  
<http://www.samhsa.gov/shin>
- **Print copies now available:**  
HHS Publication No. (SMA) 09-4205

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### SAMHSA/NIDA Recommended Guidance

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Details a “best process” for intervention selection
- Sets a “high bar” for the standards of evidence for selection decisions
- Recognizes selection decisions are “context dependent”

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### Community Logic Model Outcomes-Based Prevention

- ...guides selection of strategies that fit conceptual logic model

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graph LR
    A[Substance abuse & related problems] <--> B[Risk and protective factors/conditions]
    B <--> C[Programs, policies & practices]
    
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- Address salient risk and protective factors/conditions
- Drive positive outcomes in the priority problem

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### Utility Checklist

Target Population Fit	Degree of Utility
1. Is the intervention appropriate for the population identified in the <i>community needs assessment</i> and <i>community logic model</i> ?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
2. Has the intervention been implemented <i>successfully with the same or a similar population</i> ?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
3. Are the <i>population differences likely to compromise</i> the results?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
Intervention Setting Fit	Degree of Utility
1. Is the intervention delivered in a <i>setting similar</i> to the one planned by the community?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
2. In what ways is the <i>context different</i> ?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
3. Are the <i>contextual differences likely to compromise</i> the intervention's effectiveness?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
Cultural Fit	Degree of Utility
1. Is the intervention <i>culturally appropriate</i> ?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
2. Did members of the culturally <i>identified group participate</i> in developing it?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
3. Were intervention <i>materials adapted</i> to the culturally identified group?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
Implementation Supports Fit	Degree of Utility
1. Are implementation <i>materials</i> (e.g., manuals, procedures) <i>available</i> to guide intervention implementation?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
2. Are <i>training and technical assistance available</i> to support implementation?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility
3. Are <i>monitoring or evaluation tools available</i> to help track implementation quality?	<input type="checkbox"/> No Utility <input type="checkbox"/> Some Utility <input type="checkbox"/> Lots of Utility

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### Feasibility Checklist

Community Fit	Degree of Feasibility
1. Is the intervention <i>culturally feasible</i> , given the values of the community?	<input type="checkbox"/> Not Feasible <input type="checkbox"/> Some Feasibility <input type="checkbox"/> Mostly Feasible
Organizational Fit	Degree of Feasibility
1. Is the intervention <i>politically feasible</i> , given the local power structure and priorities of the implementing organization?	<input type="checkbox"/> Not Feasible <input type="checkbox"/> Some Feasibility <input type="checkbox"/> Mostly Feasible
2. Does the intervention <i>match the mission, vision, and culture</i> of the implementing organization?	<input type="checkbox"/> Not Feasible <input type="checkbox"/> Some Feasibility <input type="checkbox"/> Mostly Feasible
3. Is the intervention <i>administratively feasible</i> , given the policies and procedures of the implementing organization?	<input type="checkbox"/> Not Feasible <input type="checkbox"/> Some Feasibility <input type="checkbox"/> Mostly Feasible
4. Is the intervention <i>technically feasible</i> , given staff capabilities, time commitments, and program resources?	<input type="checkbox"/> Not Feasible <input type="checkbox"/> Some Feasibility <input type="checkbox"/> Mostly Feasible
5. Is the intervention <i>financially feasible</i> , given the estimated costs of implementation (including costs for purchase of implementation materials and specialized training or technical assistance)?	<input type="checkbox"/> Not Feasible <input type="checkbox"/> Some Feasibility <input type="checkbox"/> Mostly Feasible

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### SPF SIG Definition

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

#### “Evidence-Based” Interventions (EBIs)

- Included in Federal Registries
- Reported (with positive effects on the primary targeted outcomes) in peer-reviewed journals
- Documented effectiveness using other sources of information

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### Advantages: Using Federal Registries

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Concise descriptions
- Documented ratings of evidence
- Practical information
- One-stop convenience

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### Challenges: Using Federal Registries

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Limited number of interventions
- Include interventions most easily assessed using traditional scientific methods
- Information may be dated
- Potential for confusion to consumer

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### Advantages: Using Peer Reviewed Journals

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Presents detailed findings and analyses to indicate whether it has an adequate level of evidence that the intervention works
- Provides authors contact information for further discussion (e.g., appropriateness for target audience, current research on intervention, how to appropriately adapt if needed)
- In some cases, meta-analyses available

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### Challenges: Using Peer Reviewed Journals

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Reader interprets results and assesses strength of evidence and applicability to specific population
- Limited detail regarding activities and practical implementation issues, materials needed
- Not all local communities have easy access to peer reviewed journals or have the knowledge or experience to search for interventions

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### Using "Other Information Sources"

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

#### Four Guidelines

1. Conceptual grounding in theory of change or logic model
2. Similarity to formally recognized EBIs
3. Demonstrated effective implementation with a consistent pattern of positive outcomes
4. Judged appropriate by panel of informed prevention experts

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### Advantages: Using "Other Information Sources"

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Enables state and community planners to consider interventions that do not currently appear on Federal lists or peer reviewed literature *but have potential*
- Provides opportunity for locally developed or adapted interventions (if they have adequate documentation of evidence)

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### Challenges: Using "Other Information Sources"

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Increased responsibility for selection of appropriate programs and practices;
- Implementation of a transparent decision-making process for reviewing candidate interventions; and
- Establishment of agreed-upon criteria for documentation to support intervention selection

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### When to Use These Four Guidelines

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- **When no *appropriate* interventions are available** through primary sources to address:
  - Assessed community need
  - Population served
  - Cultural and community context
- To document innovation and emerging evidence-based practices – “Service to Science”

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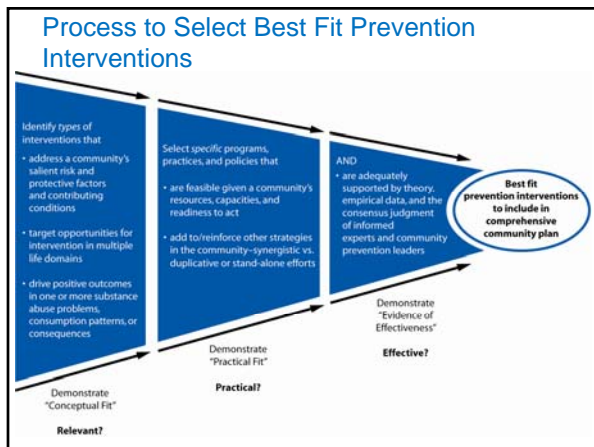
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### How to Accomplish this Work

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Evidence-Based (EB) Workgroup
  - Two major tasks:
    - Logic is sound in EBI selection
    - Evidence of intervention's effectiveness is sufficient
- CAPT support

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### Roles of EB Workgroups

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Make recommendations on the use of EBIs
- Use CSAP's guidance document "Identifying and Selecting Evidence-Based Interventions" to guide efforts
- Review and make recommendations for sub-recipient's Strategic Plans
- Translate four guidelines and define criteria for EBI selections that fit population and cultural context

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### Considerations for EB Workgroups

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Types of expertise needed
- Diversity/Representation of populations and communities
- Need for Transparency
- Need for Objectivity

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### CAPT Support Available to EB Workgroup

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Assist in the identification of potential EB Workgroup members
- Orient EB Workgroup to the SPF SIG
- Participate in EB Workgroup
- Advise on incorporating an EBI review process into State work plan
- Assist in developing a process for defining evidence-based strategies

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### CAPT Support Available to EB Workgroup

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

- Consult and provide resources on the selection of EBIs
- Support the creation of a State EBI guidance document
- Design and co-facilitate a learning community event focused on EBI selection
- Assist in the integration of cultural competency
- Facilitate Audio Calls

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### Thank You!

Center for Substance Abuse Prevention (CSAP)  
Center for the Application of Prevention Technologies

Contact your CAPT West Regional Expert Team  
T/TA Provider for future T/TA!

CAPT West Regional Expert Team: 1-888-734-7476

Alyssa O'Hair:	1-775-682-6315
Wendy Baumbach:	1-775-682-8533
Michelle Frye-Spray:	1-775-682-8535
Joshua Phillip:	1-775-682-8554

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