Comprehensive Implementation Strategies
Implementing and Sustaining Evidence-Based Practice Use with Success

Amy Drahota, Ph.D.

Dept. of Psychology, San Diego State University
Child & Adolescent Services Research Center

Southern California Implementation & Improvement

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- K01 Mentors
  - Gregory Aarons
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  - Jonathan Martinez
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Agenda

- Implementation process and outcomes

- Barriers to implementation

- Brief overview of comprehensive implementation strategies

- ACT SMART Toolkit

- Preliminary feasibility, acceptability, utility data

Show of Hands

- Researchers
- Policy Makers
- Agency Leader
- Community Stakeholders

What is Implementation?

□ Implementation

  ◘ The process of putting to use or integrating evidence-based practices within a specific setting (National Institutes of Health, 2011)

□ Applied outcomes of implementation (Proctor et al., 2009; Proctor et al., 2011)

  ◘ Intent to use or actual use when indicated

  ◘ Fidelity to practice

  ◘ Provider and consumer satisfaction

  ◘ Improved organizational and service system outcomes

  ◘ Changes in important patient outcomes

Treatment Implementation

Treatment Implementation

Barriers to Implementation

- Implementation barriers in autism community organizations (Drahota et al., 2015)
  - No existing systematic implementation process fits the autism care setting
  - Lack of structure and consistency with implementation efforts
  - Agency leaders are uncertain about what specific implementation strategies would be helpful
  - Organizational and provider characteristics impact implementation
  - Research-based treatment characteristics impact implementation

"Agency-wide we've tried implementing [EBP], and that has been tough and there's been a lot of resistance. Umm, I think that people didn't feel that the resources were available at the time, and the value."
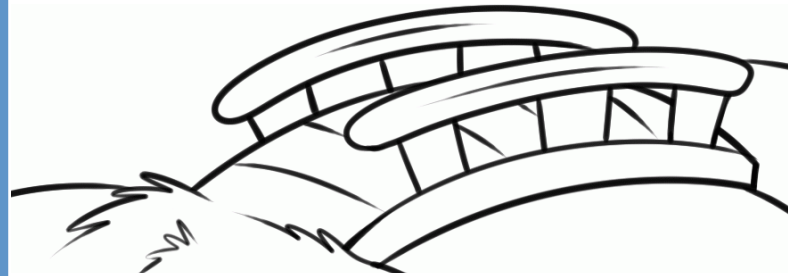
more quickly."

Facilitating Implementation

□ Implementation Strategies

  ▫ "Methods or techniques used to enhance the adoption, implementation, and sustainability of a clinical program or practice" (Proctor et al., 2013)

Evidence-Based Practice

Implementation Strategies

Integrate EBP into Organizations

- Knowledge and use when appropriate
- Fidelity
- Satisfaction
- Improved patient outcomes
- Improved organizational outcomes

Models, Theories, and Frameworks

- Tabak found 61 implementation models, theories, and frameworks (Tabak et al., 2012)
- Critiques of current D&I models
  - Mostly are theoretical models
    - Few studies have conducted applied research to assess the efficacy and effectiveness of these models
  - Limited agreement about implementation "success"
  - Limited study of predictors of implementation outcomes
  - Few comparative effectiveness studies of implementation strategies

Implementation Strategies

- Of the few studies investigating the application of implementation models, key elements have emerged
  - Using distinct phases to guide implementation
  - Involving direct service providers and community members as collaborative partners to provide input on the uptake of EBPs
  - Providing comprehensive training with ongoing support prior to and during the early uptake of EBPs

Implementation Strategies

- RE-AIM (Glasgow, 2000)
- Getting to Outcomes (Chinman, Imm & Wandersman, 2004)
- Arc Organizational and Community Intervention Strategy (Glisson & Schoenwald, 2005)
- California Evidence-Based Clearinghouse (Walsh, Rolls Reutz, & Williams, 2014)
- ACT SMART Toolkit (Drahota, Meza & Martinez, 2014)
- PCORI Dissemination and Implementation Framework and Toolkit (Esposito et al., 2015)

ACT SMART

Autism Community Toolkit: Systems to Measure and Adopt Research-Based Treatments

Drahota, A., Meza, R., & Martinez, J. I. *The Autism-Community Toolkit: Systems to Measure and Adopt Research-Based Treatments.* 2014.

www.actsmarttoolkit.com

Overview of ACT SMART Toolkit

- ACT SMART Toolkit
  - Developed for community-based organizations (CBOs) providing services to individuals with autism spectrum disorder (ASD)
  - Comprehensive, systematic and flexible implementation strategy
  - Research-based
  - Developed to assist ASD CBOs to efficiently and effectively implement new evidence-based practices
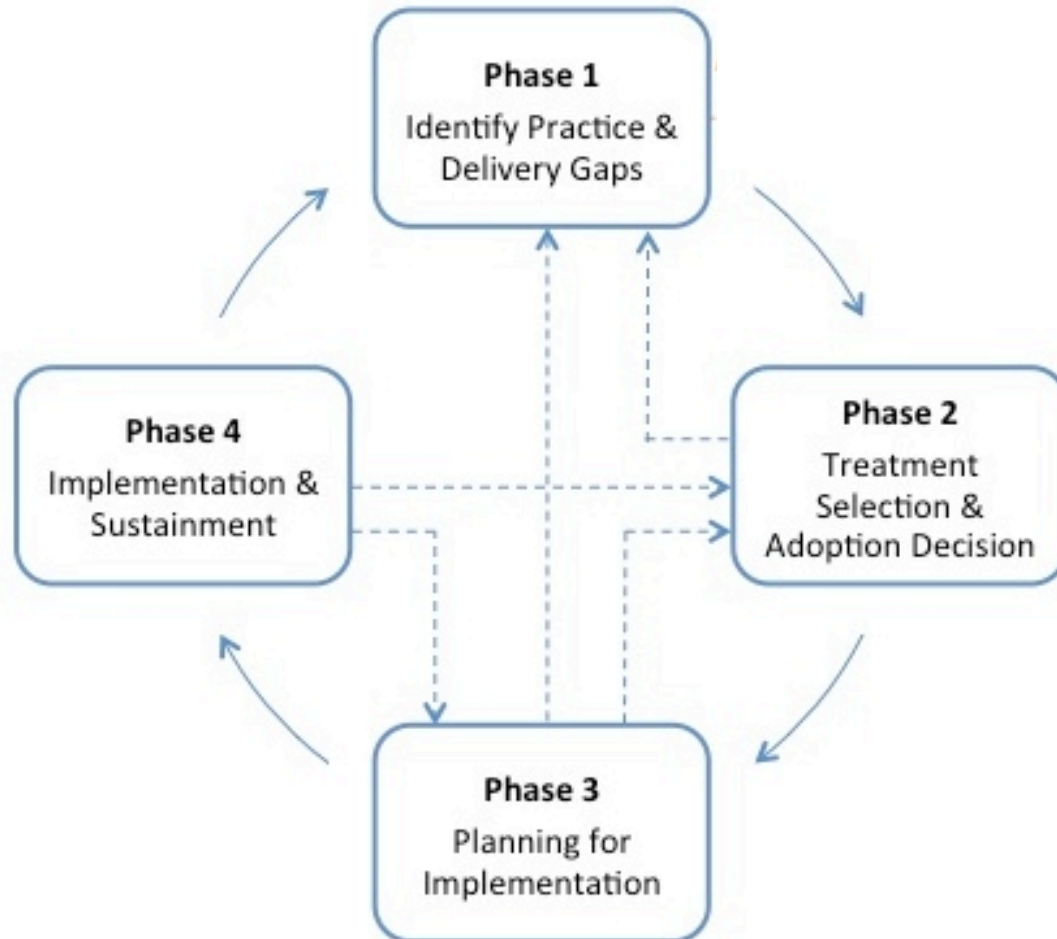
Overview of ACT SMART

- ACT SMART Toolkit
  - **Assists** with identifying training and service delivery gaps, and selecting research-based treatments to meet agency needs
  - **Facilitates** treatment adoption decisions
  - **Guides** the design of effective adaptation, training, and implementation strategies
  - **Supports** efforts that will sustain use of research-based treatments

Autism Model of Implementation

ACT SMART Phases and Activities

Phase	Step	Website Activity
Phase 1: Identify Practice & Delivery Gaps	Step 1: Agency assessment	Reading materials; forming implementation team if applicable, no formal activities
	Step 2: Receptivity to new treatment	
Phase 2: Treatment Selection & Adoption Decision	Step 1: Identify an appropriate treatment	Activity 1: Select treatment
	Step 2: Evaluate treatment and provider factors	Activity 1: Treatment fit
		Activity 2: Treatment feasibility
		Activity 3: Clinical value and research validity
		Activity 4: Training requirements
		Activity 5: Funding source checklist
		Activity 6: Benefit-cost estimator
	Step 3: Adoption decision	Activity 1: Adoption decision

ACT SMART Phases and Activities

Phase	Step	Website Activity
Phase 3: Planning for Implementation & Sustainment	Step 1: Develop an adaptation plan	Activity 1: Gathering treatment materials
		Activity 2: Evaluating prospective adaptations to the treatment
		Activity 3: Treatment adaptation plan
	Step 2: Develop the training plan	Activity 1: Training plan
	Step 3: Develop the implementation and sustainment plan	Activity 1: Implementation and sustainment plan
Phase 4: Implementation & Sustainment	Step 1: Conduct adaptation plan	N/A
	Step 2: Conduct training plan	N/A
	Step 3: Conduct implementation	N/A
	Step 4: Evaluation	Activity1: Evaluate progress

Agency Implementation Team

- Identify a specific person or team of people within the agency to complete the ACT SMART activities
  - Agency leader
    - Decision-maker with the agency
    - Has the opportunity and independence to decide the specific treatments to implement within your agency
  - Implementation Team
    - An Agency leader (see above)
    - Additional agency staff
    - Often teams of 2-6 work very well

ACT
SMART

ACT SMART Facilitation Meetings

- Facilitation is a consultation method that emphasizes change through encouragement and action promotion (Kitson et al., 1998)
  - Helps staff change work practices and behaviors successfully (Rycroft-Malone et al., 2002; Stetler et al., 2006)
  - Effectively improves the capacity of community-based agencies to plan, implement and evaluate new treatments (Hunter et al., 2009)
- ACT SMART facilitation meetings
  - Agency implementation team
  - Once monthly
  - Review progress, collaborate, problem-solve and plan

Welcome to ACT SMART

The ACT SMART Toolkit (Autism-Community Toolkit: Systems to Measure and Adopt Research-Based Treatments) is a comprehensive toolkit developed for agencies that provide services to individuals with autism spectrum disorder (ASD). ACT SMART assists agencies successfully implement new research-based treatments.

Specifically, ACT SMART:

- *Assists* in identifying training and service delivery gaps and selecting effective treatments to meet agency-wide needs.
- *Facilitates* treatment adoption decisions.
- *Guides* designing effective training and implementation strategies.
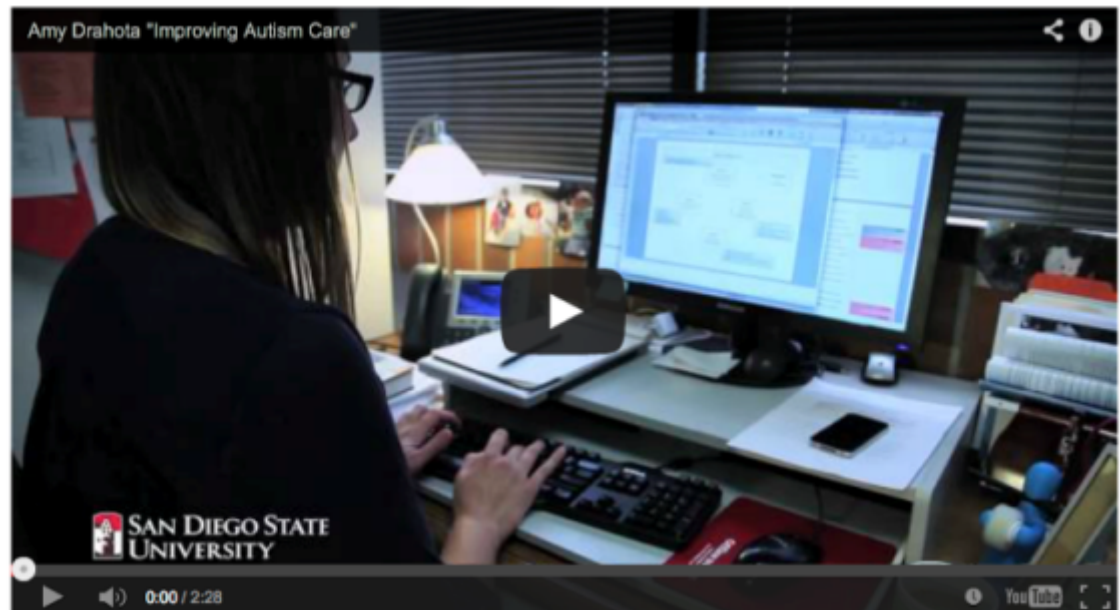- *Supports* efforts that will sustain use of effective treatments.

Sign In

👤 email

🔑 password

Sign in

Contact us!

If you are interested in more information about the ACT SMART toolkit, please contact us by email at adrahota@mail.sdsu.edu or by phone at (858) 966-7703 extension 3266.

"Regard no practice as immutable. Change and be ready to change again. Accept no eternal verity. Experiment." – B. F. Skinner, Walden Two

Amy Drahota "Improving Autism Care"

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ACT SMART: Preliminary Results

Cohort 1 (*n* = 4 agencies)	ACT SMART Toolkit / Activities	Website	Facilitation Meetings
Feasibility	$x = 4.5\ (sd = .577)$ • Easy • Not time intensive	• Feasible • Organized • "Walks you through the steps" • Time	• Flexible scheduling • Preparedness of facilitators • Time
Acceptability	$x = 4.5\ (sd = 1.0)$ • Satisfied • Respect for agency • Fit with agency needs	• Satisfied • Logical	• Well structured • Thorough, detailed meetings • Facilitators nice and friendly; responsive • Designed to meet agency needs • Scheduling
Utility	$x = 4.75\ (sd = .5)$ • Useful information	• Extremely useful	• In person helpful • Useful, content-rich • Collaborative

Thank you!

Feel free to contact us:

Amy Drahota: adrahota@mail.sdsu.edu

Jon Martinez: jonathan.martinez@mail.sdsu.edu