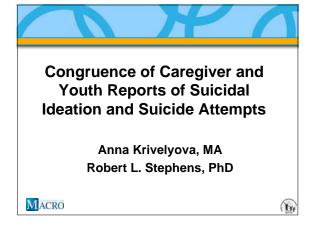
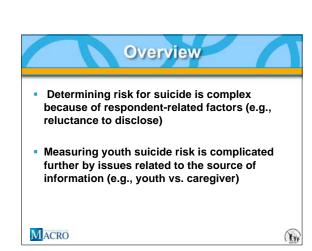




Three related papers 1) Suicide attempt subsequent to entering system of care services: How often does it happen, and to whom? 2) Congruence of caregiver and youth reports of suicidal ideation and suicide attempts 3) Evaluation of suicide prevention program and integration of suicide prevention into systems of care: An overview of the Cross-site Evaluation of the Garrett Lee Smith Suicide Prevention Initiative

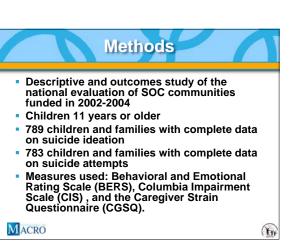
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Families often function as advocates and primary decision-makers for their children's treatment How well families serve that role may depend on the level of congruence between caregiver and child perspective This study examines the congruence of caregiver and youth reports of suicidal ideation and suicide attempts and explores predictors of congruence. MACRO



Results: Congruence

Four categories of congruence:

- meither caregiver nor youth reported ideation (or attempt)
- both caregiver and youth reported ideation (or attempt)
- Caregiver reported ideation (or attempt) and youth did not
- youth reported ideation (or attempt) and caregiver did not





Results: Congruence

Ideation (n = 789)		Attempts (n = 783)			
Category	Percentage	Category	Percentage		
Neither (n = 363)	46.01%	Neither (n = 602)	76.88%		
Both (n = 223)	28.26%	Both (n = 85)	10.86%		
Caregiver (n = 135)	17.11%	Caregiver (n = 38)	4.85%		
Youth (n = 68)	8.62%	Youth (n = 58)	7.41%		

- •When suicide ideation was reported by at least one of the two respondents, in 52% of all cases respondents agreed
- •When suicide attempts were reported by at least one of the respondents, in 47% of all cases respondents agreed





Univariate Tests

- Youth and family demographic and clinical characteristics at baseline were compared across both, caregiver, and youth categories
- Chi-square tests were used for categorical variables
- F-tests were used for continuous variables





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Results: Univariate Tests

	Ideation (n = 426)			Attempts (n = 181)		
	Both	Caregiver	Youth	Both	Caregiver	Youth
Child is Female	49.78%	21.48%	47.06%	58.82%	39.47 °%	60.34 %
Biological Parent	86.10%	87.41%	64.71 °%	84.71 %	89.47 %	82.76%
Child Age	14.05	13.76	13.65	14.62	13.92	14.02
Caregiver Age	40.23	41.55	45.00°	40.93	40.08	40.00
Other Adults in the House	75.78%	72.59%	76.47%	75.2%	68.42 %	65.52%
Total Children in the House	2.48	2.64	2.32	2.42	2.58	2.62
Income Below Poverty	41.26%	43.7%	52.94%	44.71%	39.47 %	43.10%
Caregiver Employed	59.19%	60.74%	60.29%	54.12%	52.63 %	63.79%
Child Physically Abused	28.25%	22.96%	27.94%	35.29%	36.84 %	18.97%
Child Sexually Abused	24.66%	19.26%	17.65%	31.76%	31.58 %	24.14%
Child Used Drugs	26,46%	15.56%°	17.65%	38.82%	21.05%	17.24%

MACRO a) p-value < 0.001; b) p-value < 0.01; c) p-value < 0.05



Results: Univariate Tests

	Ideation (n = 426)			Attempts (n = 181)		
	Both	Caregiver	Youth	Both	Caregiver	Youth
Runaway	41.26 %	31.11 %	27.94 %°	51.76 %	47.37 %	39.66 %
Someone Own Age to Talk to	3.91	4.00	3.81	3.84	3.53	4.16
Adult to Talk to	4.14	4.17	3.91	4.20	3.92	4.17
Someone Own Age to Depend on in Case of a Problem	3.47	3.84	3.72	3.56	2.97	4.02
Adult to Depend on in Case of a Problem	4.60	4.81	4.72	4.56	4.34	4.55
CGS Objective	3.18	2.99	2.36 a	3.34	3.43	2.63 a
CGS Subjective Externalizing	2.61	2.65	2.27*	2.49	2.68	2.53
CGS Subjective Internalizing	4.05	3.83 °	3.44 a	4.13	4.03	3.65**
Strength Index (Caregiver Report)	75.41	73.92	81.68 b	73.26	65.8 °	79.4°
CIS in Clinical Range	88.34 %	87.41 %	75.00 % ^b	89.41 %	86.84 %	75.86 %°

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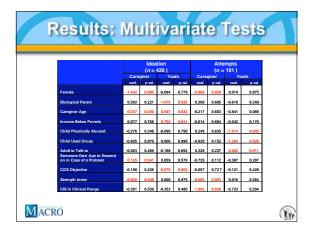
a) p-value < 0.001; b) p-value < 0.01; c) p-value < 0.05

Multivariate Tests

- All variables used in univariate tests and a constant term were entered simultaneously into the model
- Multinomial Logit was used for estimation
- Base category: both
- Significant estimates are presented







Summary and Implications

- Caregivers were more likely to report ideation when youth did not
- Youth were more likely to report suicide attempts when caregivers did not
- Among predictors of congruency are child's gender, caregiver's age and relation to the child, poverty status of the family, child's risk factors such as history of physical abuse and drug use.



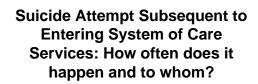


Summary and Implications

- Need for a dynamic framework to account for the possible endogeneity problems (e.g., caregivers report lower strain because they do not know about their child's suicidal ideation)
- Additional research is needed to replicate this study's findings with other samples and further explore predictors of congruency
- Need to increase caregiver awareness and early identification of risk factors, ideally targeting caregivers with characteristics predictive of "youth only" reporting







Christine Walrath, PhD





Contextual Overview

- Prior suicide attempt is a risk factor for future suicidal behavior
- Keeping children in treatment may reduce risk of future suicidal behavior
- Understanding the characteristics of youth that attempt suicide after entering SOC services is crucial to intervention and prevention





Purpose of this Study

- Exploratory
 - What are the characteristics of youth who attempt suicide after entering SOC services?
 - * Demographic
- * Child & Family Psychosocial
- * Child Clinical * Service
- How do they compare to youth who do not attempt suicide after enter SOC services?

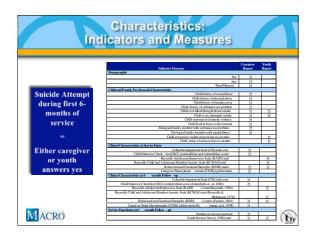




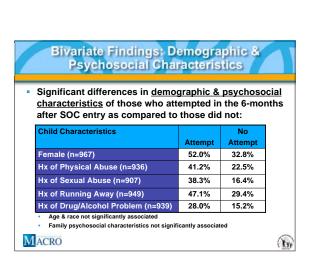
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Data Source & Analytic Approach Data gathered as part of the Outcome Study of the National Evaluation from communities funded in 2002 and 2004 between 2002 and 2006, and at intake and 6-month follow-up. Sample includes 1,001youth with valid data on suicide attempt at 6-month follow-up Independent bivariate analyses Chi-squares and independent t-test between suicide attempt status during first 6-months of service and youth characteristics.

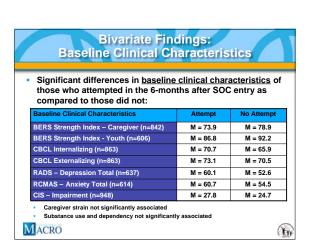
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Sample Characteristics Demographic Suicidal Behavior Characteristics 15.2% had a history of 31.9% Female M = 11.8(3.7) years suicide attempt prior to entering SOC 60% 5.4% attempted suicide in the first 6 months of SOC B/AA His Multi NA/AN NH/P 46% of those had a pre-SOC attempt history Race/Ethnicity MACRO (h)



Bivariate Findings: Suicidal Behavior Before Entering SOC Significant differences in suicidal behavior of those who attempted in the 6-months after SOC entry as compared to those did not: Suicidal Behavior before Entering Hx of Ideation (n=961) 77.4% 42.6% Hx of Attempt (n=983) 58.5% 18.8% Of attempters, those that attempted 71.0% 37.9% in Last 6-months (n=205) Reason for Referral (n=963) 53.8% 22.8% MACRO On



Bivariate Findings: 6-month Follow-up Characteristics Significant differences in <u>6-month follow-up characteristics</u> of those who attempted in the 6-months after SOC entry as compared to those did not: BERS Strength Index - Youth (n=588) M = 89.5 M = 94.7 CBCL Internalizing (n=868) M = 70.0 M = 63.2 CBCL Externalizing (n=868) M = 71.7 M = 68.0 RADS – Depression Total (n=627) M = 58.3 M = 50.3 RCMAS - Anxiety Total (n=608) M = 58.6 M = 52.3 CGSQ – Caregiver Global Strain (n=921) M = 8.8 M = 8.1 mber of Service Received in 1st 6-months (na M = 7.2 M = 5.5 Strength – caregiver not significantly associated Substance use and dependency not significantly Satisfaction with services not significantly associated MACRO

Conclusions

- Specific demographic, psychosocial, clinical and service characteristics - both at baseline and 6month follow-up - are significantly associated with suicide attempt subsequent to service entry
- Youth who attempt suicide after entering SOC services:
 - Present to services with unique characteristics
 - · Have obvious histories of suicidal behavior
 - Demonstrate unique clinical patterns after service entry
 - Receive more services after SOC



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Implications

- Heightened awareness/attention to youth who have previous suicidal behavior
- Standardized suicide risk assessment at intake into services
- Periodic suicide risk re-assessment after entry into
- Provider training/preparation
 - Suicide risk assessment
 - Service delivery and intervention with attempters
- Postvention for families of attempters
- Postvention for providers of service to attempters





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Suicide Prevention: The Garrett Lee Smith Youth Suicide and **Early Intervention Program** Angela Sheehan, Project Director GLS Cross-Site Evaluation

Suicide Prevention: A Public Health Model

- National Strategy for Suicide Prevention (NSSP)
 - 11 goals and 68 objectives
- Statewide suicide prevention plans
 - Mirror the goals and objectives from the NSSP
 - · Large focus on early identification and linkage to services
- Colleges and Universities
 - · Large focus on raising awareness, early identification and linking to appropriate care





Cross-cutting Goals and Objectives

- Promote awareness
- Develop support for prevention
- Reduce stigma
- Develop community-based programs
- Train gatekeepers and providers in early identification
 - · Including community mental health





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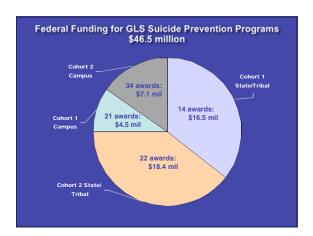
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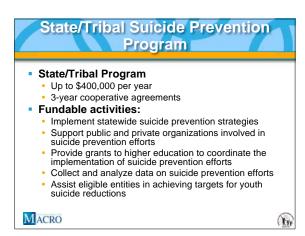
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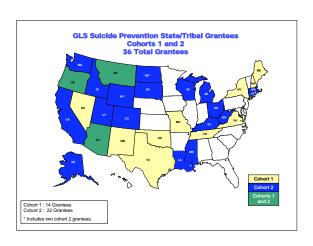
Promote effective clinical and professional practices Response plans, emergency referral plans Increase community linkages Improve reporting and surveillance systems Support research and evaluation on

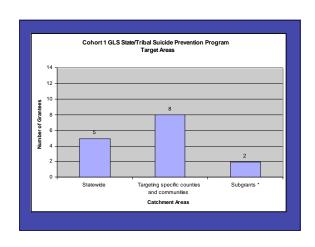
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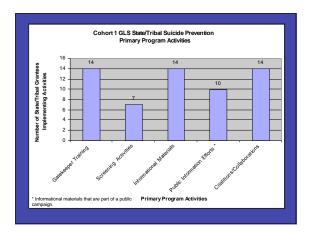


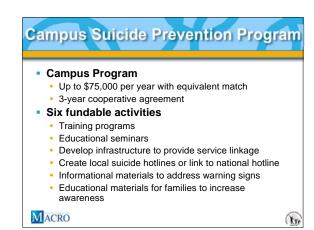


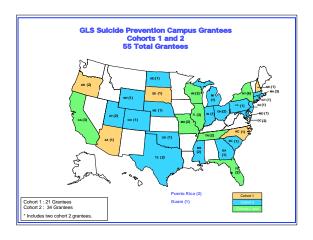


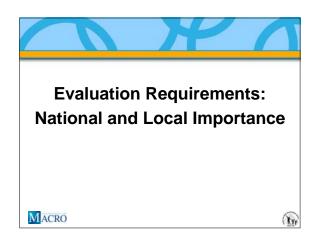


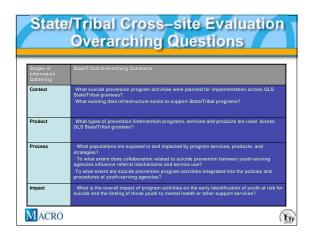


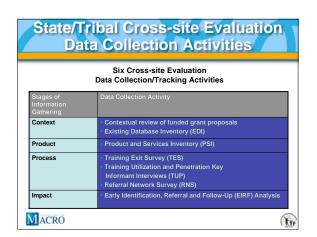


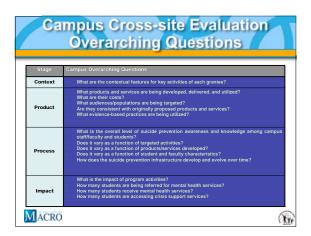


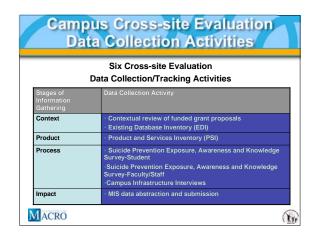












National Perspective: What we hope to learn

- What suicide prevention efforts are being implemented in states and tribal communities across the country
- Results of gatekeeper training and screening on identifying at risk youth and linking them to appropriate services
- Existence and quality of collaborations and infrastructures to support suicide prevention, including community mental health





Conclusions

- High prevalence of suicide ideation and attempts among youth served in systems of care
- GLSMA provides first opportunity for federally funded community-based suicide prevention programs
- Impact on systems of care is two-fold
 - Increased need for community-based services
 - Resources available to raise awareness among providers and develop response plans



