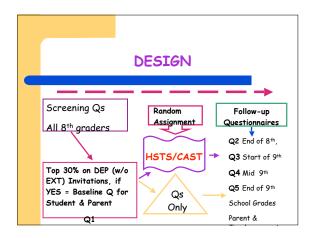


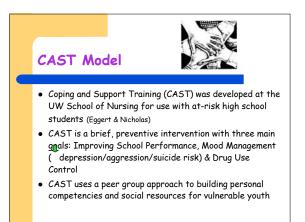
Background and Overview

- Stress-Diathesis Model of Depression
 - Vulnerability of Early Adolescents = Diathesis Biological, Social and Cognitive changes
 - Transition to high school = stressor
- Transition to high school is associated with declines in school performance and increased depression and behavioral problems.
- Early intervention designed to support and strengthen the skills of vulnerable students may increase chances of a successful start in high school

Background and Overview

- The High School Transition Study uses a randomized controlled design to evaluate a skills-based program for at-risk 8th grade students \blacksquare Coping and Support Training (CAST)
- Students are followed from middle of 8th grade through the end of their 9th grade year.
- Currently, finishing intervention for first cohort and recruiting new cohort of 8th grade students. Two additional cohorts will follow.





Why CAST?

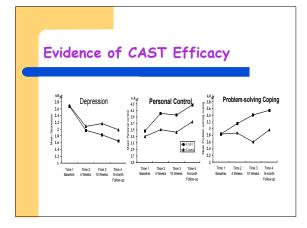
- 416 at risk high school students
- Risk determined by school records (attendance, credits grades, referrals from school personnel)
- Students randomly assigned to CAST or "usual care".
- Findings:
 - Significant decreasing linear trends in depression and suicide
 - risk for both
 - Group x time interaction-- significantly greater reductions in depression for youth participating in the CAST preventive intervention over all times whereas the effects of usual care leveled off
 - 62% reduction in hard drug use, 16% reduction in alcohol use

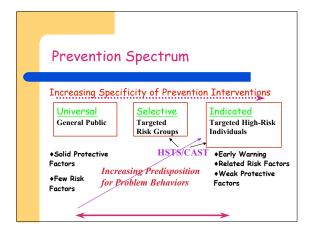
Why CAST?

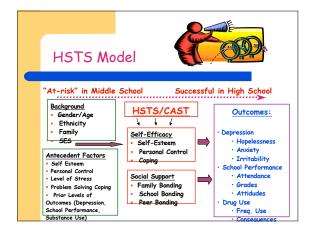
- CAST intervention was also superior in enhancing: - self-esteem (F1,281 = 8.59, p <.01),
 - personal control (F1,281 = 4.88, p <.05),
 - problem-solving coping (F1,281=13.18, p<.001),

 - family support (F1,281 = 5.17, p < .001)

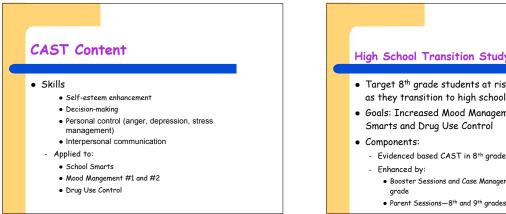
These are posited mediating factors of depression and are targeted directly in the CAST skills training

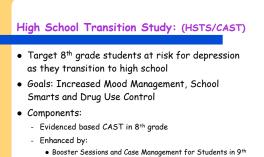










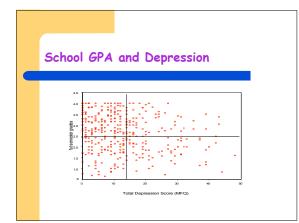


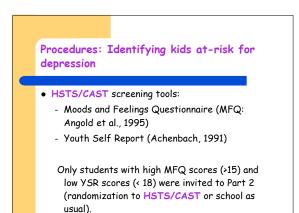
HSTS 9th Grade Intervention

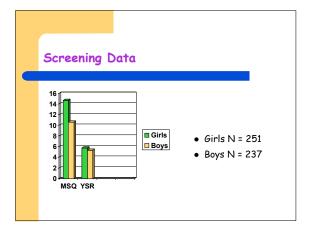
- Following skills group in 8th grade, group leaders met individually with each member from group 4 times during fall and winter of 9th grade
- Boosters designed to reinforce skills from 8th grade, and tailor them to student's current challenges as well as provide ongoing support

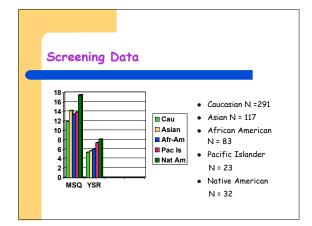
CAST-T Boosters Boosters: Getting Started in High School Staying Positive Under Pressure Monitoring school performance, Taking control of your moods Staying on Track Getting through end of semester, starting out strong 2nd semester Relapse Prevention

How to identify kids at-risk for **CAST-T** Parent Intervention depression?? Parental History Parents met one-on-one with a parent leader: twice in spring of 8th grade, twice in fall of 9th grade. • Life Stress 1. Getting Acquainted and Monitoring Support • School Performance Overview of CAST program, ways to support teen 2. Communicating with Support • Signs and Symptoms of Depression Active listening, "I" statements BUT HSTS/CAST is a ... 3. Taking the Pulse of teen's transition to HS - School based, prevention study Student's progress in HS, developing support menu/contract School performance 4. Staying on Track—School success Signs of distress - Understanding teen's moods, Supporting drug use control









Procedures: Clinical Evaluations Procedures: Assessment • Before invitation to Part 2, one-on-one follow-up • Students complete 5 guestionnaires: Baseline, end interviews were conducted with every student $\dot{w}ho$ of $8^{\text{th}},$ beg, middle and end of $9^{\text{th}}\,\text{grade}$ scored in the top 30-40% on screen (indicating more distress) • Parents complete three questionnaires: Baseline, end of 8^{th} , middle of 9^{th} (at completion of • Clinical evaluators utilized a standardized interview that addressed impairment: mood and disruptive intervention) behavior and protective factors: social support and • Teachers also are asked to complete a TRF for personal control students. Each student nominates the teacher • Clinical evaluators work with parents and school counselors to provide any needed referrals or who knows them best in 8th and in 9th additional resources (e.g., tutoring, mental health

Cohort 1:

- 493 8th grade students were screened last spring in 3 Seattle middle schools
- 174 received a follow-up clinical evaluation.

referrals, after school activities).

- 51 of the 174 students were connected to other services (e.g., tutor, after school program, mental health referrals).
- 88 students and their parents participated in the second part of the study: 44 in the skills group, 44 in the school as usual condition

Cohort 1: Description Screened Part 2 Male 48.3% 31.8% Female 51.7% 68.2% White 55.6% 56.8% 20.5% Black 18.5% 20.1% 17.0% Asian Native Am. 53% 45% Hispanic 8.1% 8.0% Other 0.6% 1.1%

Preliminary	Result	ts				
Mood based on Ma scores indicate			iestionnaii	re (higher		
MFQ Means (SD)	Contr	Control		Intervention		
Baseline**	9.04	(5.74)	8.53	(5.23)		
End of 8 th	7.07	(4.83)	7.68	(4.92)		
	6.09	(5.52)	6.89	(6.51)		

Preliminary	Results		
Percentage of stud	ents who had tried fo	llowing:	
Smoking % tried	Intervention	Control	
Baseline	19.0	23.3	
End of 8 th	23.3 N = 44	20.9 N = 44	
Beg. 9 th	30.2	31.0	
Drink % tried			
Baseline	35.7	57.1	
End of 8 th	42.9	46.5	
Beg. of 9 th	44.2	46.5	
Marijuana % tried			
Baseline	27.9	31.0	
End of 8 th	30.2	30.2	

	Preliminary Results							
 All intervention students completed the Personal and Social Skills Inventory (PSSI: Eggert, Thompson, Herting & Nicholas, 1995) assessing skill acquisition. 								
	Means (SD) from PSSI	Baseline		<u>Beg. Of 9</u> th				
	Apprec. Others	3.55	(.72)	3.70	(.59)			
	Decision Making	3.37	(.76)	3.43	(.66)			
	Managing Moods	3.42	(.93)	3.41	(.68)			
	Managing School	3.76	(.86)	3.70	(.58)			
	Controlling Drug Use	4.00	(1.06)	4.12	(.98)			
	Total Skills	3.60	(.71)	3.64	(.52)			

