

## Quest Summer Program Demonstrates Effective Treatment in Bay Area Program

As a component of the Quest program, counselors, many working on Master's degrees in Counseling, provide an initial baseline rating on our form evaluating the evidence of positive emotional and social behaviors. Ratings range from 1-10, 1 indicating little or no evidence of the specific behavior and 10 indicating the behavior present all of the time.

Every two weeks after the baseline, campers are evaluated by the counselor again. Counselors are instructed not to look back at the previous ratings but evaluate by their current observations. Since campers attend a minimum of three weeks, each camper receives a minimum of three evaluations; one baseline and two follow up ratings. Those campers participating for 5-7 weeks receive more.

Ratings were compiled and analyzed by Peter Gillette, Ph.D, of the Schwab Dyslexia and Cognitive Diversity Center and Institute of Human Development, U.C. Berkeley. Based on our Camper Evaluation form, Dr. Gillette analyzed the five major areas identified Overall Functioning, Attitude, Social Awareness, Social Interactions and Emotional Functioning.

Results reflected a strong treatment effect in all areas when looking at the difference between baseline and 2 week rating and 2 to 4 week ratings. Differences between 4 and 6 week ratings typically were not significant, indicating that the therapeutic effect was most significant in the first four weeks of attendance. While the ANOVA results for the "Partial Eta Squared" above 0.1 are considered a "large effect", counselor ratings reflected an effect significantly above this level, indicating the summer program provided significant treatment for children with mild to moderate emotional and social problems.

### Tests of Within-Subjects Contrasts

#### Camper Evaluation Measure: Overall Attitude

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
time	Baseline vs. 2 Week eval	12.091	1	12.091	19.448	0.000	0.302	19.448	0.991
	Week 2 vs Week 4	23.526	1	23.526	27.867	0.000	0.382	27.867	0.999
	Week 4 vs. Week 6	1.619	1	1.619	3.110	0.085	0.065	3.110	0.408
Error(time)	Baseline vs. 2 Week eval	27.978	45	0.622					
	Week 2 vs Week 4	37.991	45	0.844					
	Week 4 vs. Week 6	23.429	45	0.521					

a. Computed using alpha = .05

The following

**.01:** Small effect

**.06:** Medium effect size

**.14 or higher:**

### Tests of Within-Subjects Contrasts

#### Camper Evaluation Measure: Attitude

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Square <sup>a</sup>	Noncent. Parameter	Observed Power <sup>a</sup>
time	Baseline vs. 2 Week eval	15.059	1	15.059	20.422	0.000	0.312	20.422	0.993
	Week 2 vs Week 4	48.148	1	48.148	34.620	0.000	0.435	34.620	1.000
	Week 4 vs. Week 6	0.020	1	0.020	0.030	0.863	0.001	0.030	0.053
Error(time)	Baseline vs. 2 Week eval	33.183	45	0.737					
	Week 2 vs Week 4	62.584	45	1.391					
	Week 4 vs. Week 6	29.282	45	0.651					

a. Computed using alpha = .05

### Tests of Within-Subjects Contrasts

#### Camper Evaluation Measure: Social Interaction

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Square <sup>a</sup>	Noncent. Parameter	Observed Power <sup>a</sup>
time	Baseline vs. 2 Week eval	9.171	1	9.171	8.502	0.006	0.159	8.502	0.814
	Week 2 vs Week 4	12.764	1	12.764	11.940	0.001	0.210	11.940	0.922
	Week 4 vs. Week 6	2.742	1	2.742	2.620	0.113	0.055	2.620	0.354
Error(time)	Baseline vs. 2 Week eval	48.541	45	1.079					
	Week 2 vs Week 4	48.106	45	1.069					
	Week 4 vs. Week 6	47.092	45	1.046					

a. Computed using alpha = .05

### Tests of Within-Subjects Contrasts

#### Camper Evaluation Measure: Social Awareness

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Square <sup>d</sup>	Noncent. Parameter	Observed Power <sup>a</sup>
time	Baseline vs. 2 Week eval	6.347	1	6.347	8.626	0.005	0.161	8.626	0.820
	Week 2 vs Week 4	9.294	1	9.294	12.262	0.001	0.214	12.262	0.929
	Week 4 vs. Week 6	11.060	1	11.060	17.672	0.000	0.282	17.672	0.984
Error(time)	Baseline vs. 2 Week eval	33.109	45	0.736					
	Week 2 vs Week 4	34.109	45	0.758					
	Week 4 vs. Week 6	28.162	45	0.626					

a. Computed using alpha = .05

### Tests of Within-Subjects Contrasts

#### Camper Measure: Emotional Functioning

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Square <sup>d</sup>	Noncent. Parameter	Observed Power <sup>a</sup>
time	Baseline vs. 2 Week eval	23.388	1	23.388	23.423	0.000	0.342	23.423	0.997
	Week 2 vs Week 4	12.108	1	12.108	10.782	0.002	0.193	10.782	0.895
	Week 4 vs. Week 6	3.788	1	3.788	5.718	0.021	0.113	5.718	0.648
Error(time)	Baseline vs. 2 Week eval	44.932	45	0.998					
	Week 2 vs Week 4	50.532	45	1.123					
	Week 4 vs. Week 6	29.812	45	0.662					

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a. Computed using  $\alpha = .05$