

FASCETS Fetal Alcohol Interventive Study

The following are results from the FASCETS three year interventive study that tested an approach for working with people with neurobehavioral disorders. The hypothesis: Recognizing FASD as a primary physical disability with behavioral symptoms and providing appropriate accommodations in all settings will 1) Reduce challenging secondary behaviors in children and in adults will 2) Lower stress and 3) Increase confidence in working with children and adolescents with FASD.

Pre-post findings for adults year three

STRESS = stress level at the beginning of the project

NSTRESS = stress now, at the end of the project

CONFID = level of personal confidence in ability to work with child with FASD

NCONFID = confidence now, at the end of the project

Paired Samples Statistics

	Mean	N	Std. Deviation	Std Error Mean
Pair				
1 STRESS	6.1143	35	2.5411	.4295
NSTRESS	4.6286	35	2.4385	.4122
2 CONFID	5.4848	33	2.6235	.4567
NCONFID	7.3939	33	1.9991	.3480

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 STRESS & NSTRESS	35	.382	.024
Pair 2 CONFIDEN & NCONFID	33	.546	.001

Paired Samples Test

	Mean	Std deviation	t	df	Sig. (2-tailed)
Pair 1 STRESS-NSTRESS	1.4857	2.7693	3.174	34	.003
Pair 2 CONFID - NCONFID	-1.9091	2.2689	-4.834	32	.000

T-Test: Paired samples

Adult reports on changes in childrens' secondary behaviors:

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 IRRITABLE	2.5278	36	1.7482	.2914
NOW IRRITABLE	1.8056	36	1.2833	.2139
Pair 2 AVOIDANT	2.8529	34	1.3288	.2279
NOW AVOIDS	2.0588	34	1.3471	.2310
Pair 3 NO WORK IN	2.8889	36	1.7201	.2867
NOW NO WORK IN	2.0833	36	1.5000	.2500
Pair 4 DISRUPTIVE	2.8387	31	1.5077	.2708
NOW DISRUPTIVE	2.0323	31	1.2776	.2295
Pair 5 CALLS SELF NAMES	1.7353	34	1.6387	.2810
NOW CALLS SLF NAME	1.0294	34	1.1930	.2046
Pair 6 ISOLATED	1.8649	37	1.4750	.2425
NOW ISOLATED	1.1351	37	1.0584	.1740
Pair 7 ANGER	2.7027	37	1.5788	.2595
NOW ANGER	2.2432	37	1.2997	.2137
Pair 8 FRUSTRATION	3.3889	36	1.3581	.2264
NOW FRUSTRATION	2.5833	36	1.2277	.2046
Pair 9 TANTRUMS	2.1389	36	1.8540	.3090
NOW TANTRUMS	1.2778	36	1.6320	.2720
Pair 10 BLAMES OTHERS	2.8919	37	1.7286	.2842
NOW BLAMES OTHERS	2.2973	37	1.6810	.2764
Pair 11 SHUTDOWN	3.4595	37	1.3662	.2246
NOW SHUTDOWN	2.4054	37	1.3634	.2241
Pair 12 AGGRESSION	2.2432	37	1.4416	.2370
NOW AGGRESSION	1.7838	37	1.3971	.2297
Pair 13 LOW SELF ESTEEM	2.8108	37	1.7133	.2817
NOW LOW SELF EST	2.0811	37	1.5524	.2252
Pair 14 ANXIOUS	3.1389	36	1.4571	.2428
NOW ANXIOUS	2.4444	36	2.0900	.3483
Pair 15 CLASS CLOWN	1.4595	37	1.4062	.2312
NOW CLASS CLOWN	1.0811	37	1.2333	.2028
Pair 16 FEARFUL	2.2571	35	1.3793	.2331
NOW FEARFUL	1.4000	35	1.1167	.1888
Pair 17 DESTRUCTIVE	1.8108	37	1.5246	.2506
NOW DESTRUCTIVE	1.8919	37	1.5023	.2470
Pair 18 DEPRESSED	1.3784	37	1.6293	.2679
NOW DEPRESSED	1.4865	37	1.2327	.2027

Paired Samples Correlation

	N	Correlation	Significance
Pair 1 IRRITABLE NOW IRRITABLE	36	.786	.000
Pair 2 AVOIDANT NOW AVOIDS	34	.699	.000
Pair 3 NO WORK IN NOW NO WORK	36	.790	.000
Pair 4 DISRUPTIVE NOW DISRUPTIVE	31	.764	.000
Pair 5 CALLS SELF NAMES NOW CALLS NAMES	34	.826	.000
Pair 6 ISOLATED NOW ISOLATED	37	.564	.000
Pair 7 ANGER NOW ANGER	37	.727	.000
Pair 8 FRUSTRATION NOW FRUSTRATION	36	.700	.000
Pair 9 TANTRUMS NOW TANTRUM	36	.837	.000
Pair 10 BLAMES OTHERS NOW BLAMES OTHERS	37	.843	.000
Pair 11 SHUTDOWN NOW SHUTDOWN	37	.524	.001
Pair 12 AGGRESSION NOW AGGRESSION	37	.772	.000
Pair 13 LOW SELF ESTEEM NOW LOW SELF EST	37	.852	.000
Pair 14 ANXIOUS NOW ANXIOUS	36	.223	.191
Pair 15 CLASS CLOWN NOW CLASS CLOWN	37	.843	.000
Pair 16 FEARFUL NOW FEARFUL	35	.561	.000
Pair 17 DESTRUCTIVE NOW DESTRUCTIVE	37	.842	.000
Pair 18 DEPRESSED NOW DEPRESSED	37	.740	.000

Paired Samples Test

	t	df	Significance (2-tailed)
Pair 1 IRRITABLE - NOW IRRITABLE	3.993	35	.000
Pair 2 AVOIDANT - NOW AVOIDS	4.461	33	.000
Pair 3 NO WORK IN - NOW NO WORK IN	4.542	35	.000
Pair 4 DISRUPTIVE - NOW DISRUPTIVE	4.580	30	.000
Pair 5 CALLS SELF NAMES – NOW CALLS SELF NAMES	4.386	33	.000
Pair 6 ISOLATED - NOW ISOLATED	3.581	36	.001
Pair 7 ANGER - NOW ANGER	2.552	36	.015
Pair 8 FRUSTRATION - NOW FRUSTRATION	4.790	35	.000
Pair 9 TANTRUMS - NOW TANTRUMS	5.073	35	.000
Pair 10 BLAMES OTHERS – NOW BLAMES OTHERS	3.782	36	.001
Pair 11 SHUTDOWN - NOW SHUTDOWN	4.813	36	.000
Pair 12 AGGRESSION - NOW AGGRESSION	2.911	36	.006
Pair 13 LOW SELF ESTEEM - NOW LOW SELF ESTEEM	4.920	36	.000
Pair 14 ANXIOUS - NOW ANXIOUS	1.839	35	.074
Pair 15 CLASS CLOWN - NOW CLASS CLOWN	3.035	36	.004
Pair 16 FEARFUL - NOW FEARFUL	4.255	34	.000
Pair 17 DESTRUCTIVE - NOW DESTRUCTIVE	2.317	36	.026
Pair 18 DEPRESSED - NOW DEPRESSED	2.850	36	.007