



## Diagnosis: The Brain or the Skill?

*Annette Goodman*

*The Arrowsmith School*

How does brain research change educational practice in the classroom? How does learning change and how does the diagnostic assessment change? When a student takes a test in education, multiple parts of the brain are activated. If the student misses an answer or series of answers, it could be simply a mistake and the student needs more work but it could also be that one part of the brain involved in determining the student's answer did not contribute. Annette Goodman, the Chief Academic Officer of the Arrowsmith Program, will address both the changes in brain based assessment and in learning activities.

The Arrowsmith Program brings neuroscience and education together. The program comprises a suite of cognitive exercises for students with learning disabilities that strengthen the weak cognitive capacities that affect learning. The presentation will focus on the cognitive areas related to Auditory Processing and a demonstration of cognitive exercises that effect neuroplastic changes in students' brains. Upon completion of the cognitive program students can learn without resource support or curriculum modification. Annette's presentation will lead us to inquiry regarding expanding assessment for all children to increase their **capacity** to learn.

You can preview information about the Arrowsmith School here:

<http://www.arrowsmithschool.org/video-broadband.htm>

Syfr's Summer Retreat at the Hyatt Regency Lost Pines, Austin, Texas

July 19 through 22, 2009

**The Brain, The Classroom, The Connection**

Registration and information: [www.syfrcorp.com](http://www.syfrcorp.com)