

Welcome to *Point of View*, a newsletter featuring articles, research, and information to inspire and educate while providing current news and updates for Providers of The Listening Program.

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We're Listening...

We love to hear from you.
Tell us what you think...

2006 ABT International Conference Highlights

Lights dim, dramatic music is cued up, and beautiful images appear on two large projection screens as a dynamic video sets the stage for the opening of the 2006 ABT International Conference **Mastering the Music of Life.**



We held our 3rd international conference in Park City, Utah on July 27-29th. Over 100 people converged from the United States, Mexico, Great Britain and Australia at the Canyons Resort to hear presentations from an impressive list of international speakers, all TLP Providers!

Starting with a presentation on advanced program planning with the Level One Kit and the introduction of the newest TLP program, the Level One Kit with Nature, there was a host of new information shared at this conference including the just released TLP six panel brochure. More to come on these in the next issue of POV!

Inspiring case studies and research on Spatial Surround® HD in Mexico embodied what this conference is all about, helping people of all ages to maximize their potential.



Other presentations addressed topics ranging from integrating active voice work into TLP programs, assessment of hearing and listening, the complimentary nature of neurofeedback and TLP, effects of food allergies and intolerances on learning and behavior, to the neuropsychological basis of reading.

Morning and evening tracks gave Providers the opportunity to learn and share experiences in small groups discussing; dealing with difficult clinical cases, TLP bone conduction and marketing without money. The success of these capacity filled workshops will ensure this addition at future conferences.



An emotional tribute was made to ABT and Arcangelos Music Director Richard O. Lawrence with a film produced courtesy of Danner Wright Productions and a presentation organized by Marival and Eugenio dePonce. I was honored to award the first scholarship from the Richard Lawrence Memorial Fund, which we at ABT matched so that two families in need can benefit from The Listening Program. Learn more about the fund in an upcoming issue of Point of View.



Bone Conduction was the conference buzz with an in depth research presentation, amazing client outcomes on 10 cases from a TLP BCS early adopter and the chance for Providers to try TLP Bone Conduction first hand. With so much excitement we are having a challenge keeping up with the orders of this exciting new delivery system for The Listening Program®!



Old friends caught up and new friends were made during planned social events such as the conference dinner in which we were all thoroughly entertained with a performance by the Weber State University String Quartet from ABT's hometown of Ogden and the vocal mastery of contralto and TLP Provider Roberta Prada.

Unplanned events including impromptu parties were rumored to go on until early morning hours. Yes, Providers had a good time!

Conference attendees who have attended the past conferences shared with our team that this was the best conference by far, they just keep getting better, and we will definitely be back next year!

If you were unable to join us, we are sorry, but are happy to share that the entire conference was filmed in digital and you can order the full set of conference DVDs. See the list of presenters and topics and [order here](#) with an over 30% savings.

DON'T MISS OUT! Join us July 26-28, 2007 at the new Zermatt Resort and Spa in the picturesque Heber Valley, Utah for the 2007 ABT International Conference- Opening the Door to Unlimited Potential. This year's conference was at full capacity so be sure to save your space and take advantage of Advance Registration for 2007.



Music in the Mathematics Classroom SOUND HEALTH® Research

Articles:

[Benefits Of Music In The Academic Classroom](#)

by Dr. Maya Ruvinshteyn & Dr. Leonard Parrino

[Music Helps Students Retain Math](#)

by Pam Orel

Editors Note: A couple of years ago I was contacted via letter by Dr. Maya Ruvinshteyn a professor at Essex County College and Rutgers University in New Jersey. She asked me if I would be able to travel to hear a research paper she was presenting at the 16th Annual Conference of the New Jersey Faculty Development Network in April 2005 on Music in the Mathematics Classroom. I was unable to attend but was very excited that the 3 year study conducted by she and colleague Dr. Leonard Parrino was using music from our Sound Health® series! The doctors used Music for Learning, Music for Thinking and Music for Concentration.

I would like to personally thank Dr. Ruvinshteyn and Dr. Parrino for sharing their valuable research findings with us. We hope this research will inspire others to use our music in the classroom and to conduct further studies. We are sending them our Sound Health Premium Maximum Focus so they can now explore the benefits of baroque music produced for the state of body relaxed/mind alert using our 24bit/192kHz High Definition recordings.

They share their thoughts on the article. Following their article is a research review on the study published in Rutgers Focus.

Benefits Of Music In The Academic Classroom Dr. Maya Ruvinshteyn & Dr. Leonard Parrino

Music is an important aspect of our lives and we can listen to it at any time and place because of modern technology. Our students listen to music at all times. They listen to their CDs on the way to school and during breaks. They play music while doing their homework and relaxing at home.



Therefore, we believe it is very important to give teachers and students information about what type of music is appropriate for learning and what type is inappropriate. Modern research shows that some types of music can speed up the learning process, but other types of music can be harmful to the learning process. The goal of our work was to show that Baroque-style music in the academic classroom can

enhance learning and improve the class environment. Prior research was done to show music accelerates learning of foreign languages (Ostrander 1994), (Rose 1997).

Our studies were done in a regular college environment. We worked with students who studied college-level and developmental-level mathematics. The ten classes that we were working with were divided into two groups of five classes. For the first group, Baroque-style music was played in the background during the first half of the semester; while the second group was not exposed to music for the first half of the semester. (In our classrooms we were using "Music for Learning" CD's by The Arcangelos created by the Advanced Brain Technologies company.) After the first month of the semester, we surveyed both groups. The goal of the survey was to check how music affected students' attitudes toward the class, the subject and the instructor.

The results of the survey showed that more students from the second group (The group with music) responded positively on the questions related to the class and the subject. The difference range from 6 to 14. Classes with the music in the background were noticeably more cooperative, flexible and easier to teach.

References:

Ostrander, Sheila & Shroeder, Lynn with Ostrander, Lynn Super-Learning 2000. Delacorte press 1994.

Rose, Colin and Nicholl, Malcolm. Accelerating Learning for the 21st Century. New York: Dell Publishing, 1997.

Editors Note: The following research review is reprinted with the permission of Pam Orel Editor of Rutgers's Focus Published on March 6, 2006.

Music Helps Students Retain Math Pam Orel

A Rutgers instructor says that Baroque style music played during mathematics class helped students enjoy class and retain more information. The research builds on studies linking certain music to improvements in learning.

The three-year study was conducted by Maya Ruvinshteyn, instructor in mathematics at Essex County College and Rutgers-Newark, and Leonard Parrino, mathematics professor at Essex County College.

According to the body of research over the past 40 years, Baroque music pulses between 50 to 60 beats per minute and has been shown to enhance learning of foreign languages and to improve performance in some types of tests. Because of this, the music has been widely marketed as a learning tool.

"I first heard about music as a learning tool when I was studying English," says Ruvinshteyn, who spoke Russian as a first language. She believes that their study is the first that links music to improved attitudes and to math and better performance in the college environment.

The faculty members studied two groups of classes at Essex County College. In the first group, the instructor played baroque-style music in the background during the first month of the semester. The second group, taught by the same instructors, was not exposed to music during class time. After the first month, surveys showed that students who listened to music were more likely to enjoy class (86 percent vs. 76 percent) and less likely to find mathematics challenging (33 percent vs. 46 percent). Similar changes were noted in both groups regardless of which instructor taught the course. Preliminary results also indicated an improvement in student grades.

Some selected comments volunteered on the original surveys:

- "I never liked math before, but this class was different."

- “I thought the music would put me to sleep, instead I was paying more attention to his board work.”
- “Most classes have someone tapping a pencil, chewing, talking or whispering. This class was different.”

“The ancient philosopher Plato said, ‘Music is a more potent instrument than any other for education,’” Ruvinshteyn says. “Our study shows that learning can be made more enjoyable for the students and more pleasant for the instructors when appropriate music is added to the environment.”

-Pam Orel

Developing and Integrating the Senses

Developing and Integrating the Senses was the theme for the 4th Provider Conference in Great Britain on June 24th and 25th. And what better setting than The National Centre for Early Music situated in St Margaret’s Church York, home of the internationally renowned York Early Music Festival.



Dozens gathered from throughout Europe the United States and Australia to hear an array of presentations by TLP Providers from varied fields.

What was most evident at the conference was the importance of professionals working together and better understanding what one another does. With presentations by a Sensory Integration based Occupational Therapist, Speech and Language Therapists, Educators, an Optician and an Audiological Physician I was struck by the wealth of knowledge within our Provider family.

Inspiring TLP Bone Conduction case studies were shared, valuable research updates and training in the use of the TLP Level One Kit added to a well rounded and informative conference.



One of the highpoints was the Provider dinner where we all shared good food and were entertained with early music of the region performed by the York Waits.



Providers left renewed and invigorated with fresh ideas and new insights to delve deeper into their work with The Listening Program®.

The 5th conference is likely being organized for 2008. If Learning Solutions our UK/Eire representatives put on an event like they did this year, it will be a conference not to be missed! Thank you to Alan, Suzanne, Louise and Gemma for your hospitality.

Order Your 2006 Conference DVDs



Mastering the Music of Life, such an abundance of information! Whether you attended the 2006 ABT International Conference and want to replay or share the presentations or were unable to attend, these DVDs are a must for your continued education.

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Illinois Psychological Association Convention 2006

ABT President and CEO G. Alexander Doman has been invited to join Valerie Scarmella Nowinski, Psy.D. and Drina Madden, M.A.,C.A.S. to co-present a pre-conference workshop at the Illinois Psychological Association Convention 2006 in Naperville, Illinois.



G. Alexander Doman



Drina Madden, M.A.,C.A.S



Valerie Scarmella Nowinski, Psy.D.

Where: Lisle/Naperville Hilton Hotel

When: October 26th

From Brain Scan to Lesson Plan

A holistic, multidisciplinary approach to the assessment and management of developmental, learning, and socialization anomalies in childhood utilizing cutting edge brain research.

This workshop is intended to meet the needs of practitioners and educators whose work promotes child health, development, and learning. Its focus is on the concept of the brain as a functional system, and how this understanding facilitates interdisciplinary agreement in diagnosis, treatment, and educational intervention of developmental and acquired problems. Recent advances in brain research will be considered. The stimulation of one sensory modality will illustrate the influence it has on the entire system.

Program Overview

9:00-9:15	Welcome
9:15-10:30	The "Working Brain": A Systems Biology approach to understanding the development of intelligence and the major functions of learning: attention, perception, memory, executive function, speech/language, sensory/motor, mood/thought functions. Dr. Nowinski will present and distribute her Clinical Interview. This uses a 'Brain Systems' perspective and has been effective in delineating areas of concern.
10:30-10:45	Break
10:45-12:00	A tour of brain systems affected in neurodevelopmental delay: from

Attention Deficit Disorders/Learning Disorders through Pervasive Developmental Disorders and Autistic Spectrum Disorders.

Clinical Research is addressed: structural, chemical, electrical, and environmental influences including nutrition--food/metal sensitivities.

12:00-1:30

Lunch

1:30-3:00

Brain development and temporal processing: Music-Based Auditory Stimulation™ will be used to illustrate the impact of one sensory input on the entire system. The impact of these stimulations upon the auditory cortex and its systemic effect throughout the brain affecting attention, perception, executive function, memory, speech, language, and mood/thought functions will be shown.

3:00-3:15

Break

3:15-4:00

Music-Based Auditory Stimulation therapeutic tools and programs will be discussed and demonstrated. Equipment will be available for participants to try.

4:00-4:30

Q and A Session: Participants are encouraged to present case material.