

**The LSVT Foundation, in cooperation with GleeCo LLC, announces the LSVT Training and Certification Workshop Series for 2007.**

The LSVT® Training and Certification Workshop is a two-day program designed to train speech-language pathologists a voice/speech treatment technique for adults and children with motor speech disorders, with a specialty in Parkinson disease. The fundamentals underlying key treatment elements, efficacy data supporting treatment outcomes, details of treatment tasks, including hands-on practice, and practical considerations are taught. Application of the LSVT® to pediatric and adult motor speech disorders (e.g., multiple sclerosis, cerebral palsy, stroke) will be discussed. The impact of LSVT® on swallowing and pre-/post- LSVT® neural imaging data will be presented. This training is offered for 1.2 CEUs.

**Steps for Certification:**

1. Register for a two-day LSVT Training and Certification Workshop.
2. Complete two required pre-workshop readings; participants are responsible for information in these readings. These readings will be sent as email attachments with your confirmation.
3. Read and accept the attendance and cancellation policies.
4. Attend the entire two-day LSVT Training and Certification Workshop
5. **Complete a Certification Exam with an 85% score required to receive certification.** The exam will be administered during the two-day training course. Retakes of the examination are possible after the course via an online site for a re-take fee.

**Sponsored By:**

**LSVT® Foundation**



**LSVT®**

Training and Certification Workshop

**Palo Alto, CA**

**Date: Thursday, September 20, 9am – 5pm  
Friday, September 21, 9am – 4pm**

**Workshop Location:**

**Crown Plaza  
Cabana – Palo Alto  
4290 El Camino Real  
Palo Alto, CA 94306  
650-628-0195 (phone)**

**Registration Deadline:**

**September 6, 2007**

**Airports:**

**San Francisco International Airport (SFO) - 24 miles  
Oakland Airport (OAK) - 32 miles**

**Hotels:**

**Crown Plaza  
Cabana – Palo Alto  
4290 El Camino Real  
Palo Alto, CA 94306  
650-628-0195 (phone)  
Group Code: GCO**

**A group block is in the system. You can make reservations at any time by calling 650-628-0157 or book reservations on line by logging in to [cppalalto.crowneplaza.com](http://cppalalto.crowneplaza.com) and using “GCO” as your group code.**

**REGISTRATION FORM: Palo Alto, CA**

Registration Deadline: September 6, 2007

**IF PAYING BY CREDIT CARD, PLEASE USE THE BILLING ADDRESS OF THE CREDIT CARD**

\_\_\_\_\_  
Name (and LSVT® Certification Number if applicable)

\_\_\_\_\_  
Affiliation

\_\_\_\_\_  
Address Line 1 (BILLING ADDRESS OF CREDIT CARD)

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Address Line 2

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Day Telephone

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Evening Telephone

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Fax

\_\_\_\_\_  
E-mail Address

**Make checks payable and mail registration to:**

**GleeCo**

**5575 East River Road, Suite 121, #303**

**Tucson, AZ 85750-6737**

**OR fax registration with credit card information to**

**GleeCo at 1-520-615-8559 (fax)**

**REGISTRATION FEES**

\_\_\_\_\_ **\$580 Professional Fee**, if received by registration deadline. *Includes Workshop, Materials, and Certification Exam.*

\_\_\_\_\_ **\$200 Previously LSVT® Certified Clinician Fee**, if received by registration deadline. *Includes Workshop, Materials, and Certification Renewal.* Renewal registrations may be limited.

\_\_\_\_\_ **\$300 Graduate Student Fee**, if received by registration deadline. *Includes Workshop, Materials, and Certification* (Certification to be activated upon evidence of graduation). Student registrations may be limited.

\_\_\_\_\_ **\$50 LATE FEE** if postmarked after registration deadline

\_\_\_\_\_ **TOTAL ENCLOSED**

**Participant Cancellation Policy:** In the event that a participant cancels registration or does not attend, tuition will be refunded minus the following cancellation fees:

**\$50.00** cancellation fee 4 weeks prior to workshop date

**\$100.00** cancellation fee 2 weeks prior to workshop date

**\$250.00** cancellation fee within 2 weeks of workshop date or anytime thereafter

**Participant Attendance Policy:** Participation at the entire workshop is **MANDATORY**. Participants who arrive late or miss any portion of the workshop will **NOT** be eligible for certification or a refund of any costs incurred. Plan your travel arrangements accordingly.

**METHOD OF PAYMENT**

Check \_\_\_\_\_ or

Charge to my: Master Card \_\_\_\_ VISA \_\_\_\_ Expiration Date: \_\_\_\_/\_\_\_\_

Card # \_\_\_\_\_

Exact Name on Card:

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Signature \_\_\_\_\_

*Please be sure address on left matches billing address on credit card.*

## ***Learning Outcomes***

***Upon conclusion of this workshop, speech-language pathology participants will be able to:***

- Outline the rationale for the treatment of voice in motor speech disorders
- Identify aspects of Parkinson disease and other neural conditions and the impact these have on voice & speech
- Explain the rationale for using LSVT® for Parkinson disease and other pediatric or adult neurological disorders/conditions
- Describe the five LSVT essential concepts and explain the rationale and methods for these concepts
- Discuss key elements of LSVT that are consistent with theories of motor learning and principles of neural plasticity
- Identify characteristics of adults and children who would most likely benefit from the LSVT®
- Explain and demonstrate all aspects of the LSVT® including daily tasks, speech hierarchy, and calibration
- Implement the LSVT® with confidence
- Ensure patient long-term carryover of the LSVT®
- Effectively educate physicians and other health-care professionals about the benefits of LSVT®
- Discuss strategies for Insurance coverage for the LSVT®
- Document the efficacy of the LSVT®

## ***LSVT® Workshop Faculty***

### **Lorraine Olson Ramig, Ph.D., CCC-SLP**

Dr. Ramig received her doctoral degree at Purdue University and master's degree at the University of Wisconsin-Madison in communication disorders. Dr. Ramig is a Professor in the Department of Speech-Language and Hearing Science at the University of Colorado-Boulder, a Senior Scientist at the National Center for Voice and Speech (NCVS), a division of the Denver Center for the Performing Arts (DCPA), located in Denver, Colorado, and an adjunct professor at Mt. Sinai School of Medicine and Columbia Teacher's College in New York City. Dr. Ramig is an internationally recognized scientist with an established research record in the areas of aged and neurological voice disorders. She has been investigating neurological voice disorders for over 15 years and has authored numerous refereed journal articles and book chapters.

### **Cynthia Fox, Ph.D., CCC-SLP**

Dr. Fox received her doctorate degree in Speech and Hearing Sciences from the University of Arizona, Tucson. Dr. Fox is a research associate at the National Center for Voice and Speech, a Research Lecturer in the department of neurology at the University of Arizona, Tucson, and Executive Vice President of the LSVT Foundation. Dr. Fox is among the world's experts in speech treatment for people with Parkinson disease. She has multiple publications in this area of focus, as well as numerous national and international research and clinical presentations. Dr. Fox has worked closely with Dr. Ramig for the past 12 years on studies examining the efficacy of LSVT/LOUD, the underlying mechanisms of speech disorders in Parkinson disease, and the application of LSVT/LOUD to other disorders (children and adults) and other motor systems (e.g., limb).

### **Leslie Mahler, PhD, CCC-SLP**

Dr. Mahler received her doctoral degree at the University of Colorado and is an Assistant Professor at the University of Rhode Island. Dr. Mahler conducts research in the area of behavioral treatment of motor speech disorders and the application of LSVT® to individuals with Parkinson disease as well as other neurological disorders. She has 30 years of clinical experience treating adults with neurological disorders. Dr. Mahler was a member of Dr. Ramig's research team at the National Center for Voice and Speech prior to joining the faculty at the University of Rhode Island.

### **Angela Halpern, M.S., CCC-SLP**

Ms. Halpern is an ASHA-certified speech language clinician and research associate at the National Center for Voice and Speech in Denver, CO. She received her master's degree in the Department of Communication Disorders and Sciences at the University of Pittsburgh. Ms. Halpern has worked extensively in the area of neurogenic disorders with a specialty in Parkinson disease. She is certified in the LSVT®. In addition to providing speech therapy to individuals with Parkinson disease, she is a faculty member and workshop leader for the LSVT® foundation. She is also a member of Dr. Lorraine Ramig's research team. As a part of this team she continues to study voice and speech in Parkinson disease.

### **Jill Cable, M.S., CCC-SLP**

Ms. Cable is an ASHA-certified speech language pathologist. She received her master's degree in Speech-Language Pathology at the University of Arizona in Tucson. Ms. Cable has worked extensively with Parkinson disease as a member of Dr. Lorraine Ramig's Parkinson research team in Denver. Currently, Ms. Cable is a speech-language pathologist at Banner Good Samaritan Medical Center in Phoenix, Arizona. She continues to use her expertise in Parkinson's disease, and also specializes in dysphagia, voice disorders and neurogenic communication disorders. Ms. Cable is certified in the LSVT®, and is a faculty member and workshop leader for the LSVT® foundation.

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## ***LSVT® Certification***

LSVT® is a certification mark registered in the United States of America and Australian Patent and Trademark Offices, and is approved for protection by the European Union and South America. This trademark is owned by the LSVT® Foundation, a Colorado nonprofit corporation. Use of the name, “LSVT” and the LSVT® Trademark is available only to speech pathologists who have been certified by the LSVT® Foundation. It is a violation of US and international trademark and copyright laws to use or display the LSVT® mark in connection with clinical activities or to refer to the therapy being provided to a patient as LSVT® unless the clinician has been certified by the LSVT® Foundation. An LSVT® certified speech-language pathologist will be able to:

- Use the LSVT® name as a Certified clinician
- Use the LSVT® efficacy data to market and support reimbursement of LSVT® programs
- Enroll in the database of LSVT® Certified clinicians for patient and physician referrals
- Subscribe to the LSVT® listserv
- Audit future LSVT® Training and Certification Workshops for reduced fees

### ***LSVT® Certification Renewal:***

LSVT® Certification requires a bi-annual renewal. The process of LSVT® Certification renewal will be primarily web-based and involve the following steps:

- Complete an LSVT® continuing education activity (provided via web-based reading/video/exam)
- Document use of LSVT® (survey questions related to number of patients treated and general treatment outcomes)
- Provide updated contact information for patient referrals
- Pay renewal fee

## ***Workshop Schedule***

**PARTICIPATION AT THE ENTIRE WORKSHOP IS MANDATORY. PARTICIPANTS WHO ARRIVE LATE OR MISS ANY PORTION OF THE WORKSHOP WILL NOT BE ELIGIBLE FOR CERTIFICATION OR A REFUND OF ANY COSTS INCURRED. PLAN YOUR TRAVEL ARRANGEMENTS ACCORDINGLY.**

### **DAY 1**

**8:30 – 9:00 a.m.**

**Registration**

**9:00 – 9:15**

**Pre-workshop EXAM**

**9:15 - 10:45 a.m.**

**Introduction to the study and treatment of VOICE in adults and children with motor speech disorders**

**Overview of Neurological disorders, with a focus on Parkinson disease**

**10:45 – 11:00 a.m.**

**BREAK**

**11:00 a.m. – 12:30 p.m.**

**Rationale for Development of the LSVT®**

**Review of published efficacy data and recent LSVT® findings**

**LSVT® Concepts and their Rationale**

**12:30 – 1:30 p.m.**

**LUNCH (on your own)**

**1:30 – 3:15 p.m.**

**LSVT® Methods (Daily Tasks) – a detailed description of how to implement the 3 daily tasks**

**3:15 – 3:30 p.m.**

**BREAK**

**3:30 – 5:00 p.m.**

**Role play of LSVT® Daily Tasks**

**LSVT® Methods, cont. - (Speech Hierarchy and Sensory Calibration)**

## DAY 2

9:00 – 10:45 a.m.

**LSVT® Methods, cont. - (Sensory Calibration)**

**Follow-up Recommendations**

**Application of the LSVT® to children and adults with motor speech disorders other than Parkinson disease**

10:45 – 11:00 a.m.

**BREAK**

11:00 a.m. – 12:30 p.m.

**Assessment Measures for LSVT®**

**Marketing techniques and suggestions for newly certified LSVT® clinicians**

**Reimbursement and the LSVT®**

**EXAM – 85% pass required for certification**

12:30 – 1:30 p.m.

**LUNCH (on your own)**

1:30 – 2:45 p.m.

**“Hands - on” Practice with Individuals with Parkinson Disease**

2:45 – 4:00 p.m.

**Critical Treatment Considerations and Concerns**

**Prognostic Variables**

**LSVT® Workshop Conclusion**

The Arizona Speech-Language-Hearing Association is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. This program is offered for 1.2 CEUs (Advanced level, Professional area). ASHA CE Provider approval does not imply endorsement of course content, specific products, or clinical procedures.



*“The LSVT® program information was excellent”*

*One clinician said she had never gone to a conference where she felt so prepared to do the therapy after completing the course. “There was a definite spark in the department on Monday.”*

*“I was extremely pleased that so much time was actually spent on the treatment approach. Too many times you go to a conference and the treatment component is squeezed in. THANKS for making this a great balance of theory & application.”*

*“I was familiar with LSVT from previous colleagues, but it seemed so basic that I never saw the need to attend the full course. Boy was I wrong! In just this last week I have used the protocol with one Parkinson’s patient and I have used some of the strategies with two of my regular voice patients (one with MTD and one with dysphonia due to a fractured trachea). I have been SO pleased with the immediate improvements I have seen already! Thank you for continuing to do all of your continuing education and continuing research in this field!”*

*“Treatment principles are solid and apply to other modalities.”*

*“Wonderful! Thank you for the enthusiasm! I’ll be recommending this to several colleagues!”*

***For more information contact:***

**GleeCo**

**5575 East River Road, Suite 121, #303**

**Tucson, AZ 85750-6737**

**888-GET-LSVT or 888-438-5788 (phone)**

**info@gleeco.net (email)**

**www.learningcloud.com (website)**

**1-520-615-8559 (fax)**