Anthony P. Salvatore, PhD, CCC-SLP

Chair, Department of Rehabilitation Sciences

 Director, Speech Language Pathology Program

 Director, Concussion Management Clinic

 Professor-Tenured,

 Licensed Speech Language Pathologist-State of Texas

 Certificate of Clinical Competence-American Speech Language Hearing Association

 Board Certified-Academy of Neurologic Communication Disorders & Sciences-Adults

College of Health Sciences

University of Texas at El Paso

**Education**

Emerson College, Boston, MA B.S. 1966 Speech Language Pathology

Emerson College, Boston, MA M.S 1969 Speech Language Pathology

University of Pittsburgh, PA PhD 1974 Speech Language Pathology

NIH Post-Doctoral Research Fellow 1974-76 VAMC-Minneapolis, MN

**Honors**

2015 Chaired a masters thesis (A. Sepulveda) and a doctoral dissertation (N. Murray) which were awarded Best Thesis and Best Dissertation of 2014-15, College of Health Sciences.

2011 *\*\*Selected as Co-Chairs’ Premier Presentation for 2011.*  Sirmon-Fjordbak, B., Salvatore, AP., & Bene, ER. (2011). Concussion and PTSD: Cognitive-linguistic correlates in athletes and soldiers. *American Speech-Language-Hearing Association Annual Convention*, San Diego, CA,

2010 Honored by the Texas Speech Language Hearing Association, awarded the “Hall of Fame Award” April 2010, one of the highest honors bestowed on a member of TSHA for “exemplary commitment and contribution in serving those with communication disorders and for years of dedicated service to the profession of speech language pathology, for research and publications, and especially for mentoring students in the field.”

2009 Honored by the Texas Education Agency-Region 19 for services to high school athletes served by the Concussion Management program. Received Special U.S. Congressional, State of Texas and City of El Paso Certificates of Recognition.

**Position**s

2009-present Adjunct Research Professor, Texas Tech University, Paul L. Foster School of Medicine, Texas Tech Health Sciences Center, El Paso, Texas

2006-present Chair, Department of Rehabilitation Sciences College of Health Sciences, University of Texas at El Paso

1998-present Director & Professor, Speech-Language Pathology Program. College of Health Sciences, University of Texas at El Paso

1989-1998 Chair & Professor, Jersig Communication Disorders Program & Director, Harry Jersig Center, Our Lady of the Lake University-San Antonio, TX

1990-1998 Clinical Professor, Department of Otolaryngology, University of Texas Health Science Center, San Antonio, TX

1989-1998 Consulting Speech-Language Pathologist, Cranio-Facial Anomalies Clinic, Methodist Hospital System, San Antonio, TX

1990-1998 Speech Pathology Consultant Audie Murphy VA Medical Center, San Antonio, TX

1990-1998 Speech Pathology Consultant, Vencor Hospital-San Antonio, TX

1985-1998 Director, Speech Pathology Section, Department of PM & R, Manager, Communication Disorders & Audiology Departments, Assist Clinical Professor, Dept. Physical Medicine & Rehabilitation U. Missouri-Columbia Medical Center

1976-1985 Coordinator, Speech Pathology Section, Phoenix VA Medical Center

-Consulting Speech/Language Pathologist, Arizona, Speech, Language and Learning Clinic, Phoenix, AZ

-Consulting Speech/Language Pathologist, Southwest Institute for Head Injury, Hope

-Adjunct, Dept. of Psychology, Arizona State University

-Adjunct, Dept. of Speech and Hearing Science, Arizona State University

* 1. VA Trainee, Speech Pathology, Pittsburgh VA Medical Center

1973-1974 Aphasiologist, Aphasia Section, Department of Neurology, Minneapolis VAMC

Personal Statement

As a Speech Language Pathologist I have extensive experience in the diagnosis, treatment, prevention and policy issues associated with individuals who experience traumatic brain injury. I have established a multi-disciplinary research team (kinesiology, sports medicine, athletic trainers, biochemistry, emergency medicine, laboratory science, speech language pathologist, public health) which is addressing a broad range of research questions. Specifically, current research projects are addressing: the self-report of post-traumatic stress disorder (PTSD) symptoms, identification of biomarkers in post-concussed individuals, the manifestations of motor speech deficits post-concussion, changes in auditory comprehension post-concussion, the nature of visual perception deficit post-concussion, eye-tracking and balance deficits post-concussion, and patient compliance with treatment recommendations and its impact on recovery. The ultimate goal of these research efforts is to better educate graduate students in the management (i.e., diagnosis, treatment and prevention) of sports-related concussion within the schools. In recent months the research team has identified specific variables associated with self-reporting of PTSD symptoms and their recovery following sports related concussion, visual tracking post-concussion, nature of auditory comprehension processing deficits in post-concussion, nature of motor speech deficits in post-concussion and the reliability of a test utilized for evaluation of sports related concussion. Ongoing research will target investigating the nature of cognitive communication, balance, memory, learning, and visual deficits, as well as the utilization of nanotechnology for sideline assessment of sports-related concussion. These research efforts have resulted in one PhD dissertation and five master’s theses in the past three years, as well as providing training to over twenty master’s students in Speech Language Pathology, as well as involving a number of undergraduate students. Approximately 80% of these students are from underrepresented minority groups. Finally, I was awarded a five year grant to educate 6 post-doctoral fellows in Advance Research Training in sports related concussion by the National Institute on Disability and Rehabilitation Research beginning in October 2013.

Administrative Experience

During the administrative portion of my career I have managed and directed large hospital based services in two large medical facilities, and Chaired two academic departments at two different universities. My experience in managing two hospital services within a medical school/university/medical center configuration provided me with the opportunity to provide excellent clinical services and provide an academic environment for the education and training of physicians and clinicians. These activities required knowledge, tact and interpersonal skills necessary for success in such demanding environments. The complexity of these positions provides me with the experience and desire to lead a larger academic units.

Assisted in establishing and developing speech language pathology (SLP) services at the Phoenix VAMC 1976. Received numerous awards for outstanding performance over nine years of service.

Founded and administered a private practice in speech language pathology 1981-85. Phoenix, AZ

Administered the Departments of Speech Pathology and Audiology at the U. of Missouri Medical Center and Medical School from 1985 through 1989, which included a professional and administrative staff numbering 16 individuals. I was responsible for the vision, planning, budget and personnel for the Department.

 - Coordinated the care of a large patient caseload with medical residents and attending

 physicians. Assigned personnel and provided diagnostic and rehabilitation services for

 children and adults across the life span.

 -Instructed medical school residents in diagnosis, treatment, prognosis and prevention of

 communication disorders.

 -Coordinated speech pathology services for craniofacial team in collaboration with Dept.

 of Surgery. -Introduced and coordinated SLP services for esophageal cancer surgery

 patients to provide functional communication.

 -Coordinated beta-test site activities for cochlear implant trials for deaf post-lingual adults

 in 1986.

 -Introduced and coordinated the use of trachea-esophageal prosthesis (TEP) for total-

 laryngectomy patients to establish functional communication in coordination with Dept

 of Surgery,

Administered the Harry Jersig Center and served as the Academic Chair of the Harry Jersig Program in Communication Disorders at Our Lady of the Lake University-San Antonio. Responsible for the vision, planning, budget and personnel. Worked with the executive board of the clinic, and the university administration to ensure a very successful and nationally recognized service and academic program. -Carried our fund-raising for the clinic. This administrative role demanded skill in working with a variety of partners from the business community, from donors and a large and complex professional, and administrative staff numbering approximately 15 individuals.

-Initiated and coordinated SLP services with a multidisciplinary craniofacial anomalies team at the Methodist Hospital-San Antonio. The team met once a month, ten months a year for over nine years. During this period of time I trained graduate students to provide the most current and effective diagnostic and treatment protocols particularly for cleft palate children.

-Established and coordinated SLP services in a ventilator dependent facility, Vencor Hospital, diagnosing and treating ventilator dependent children and adults while providing educational/training opportunities for SLP graduate students for over five years.

Administer the Department of Rehabilitation Sciences at the University of Texas at El Paso which includes academic programs in Occupational Therapy, Physical Therapy, Rehabilitation Counseling and Speech Language Pathology. These academic programs offer master degrees and a professional doctorate degree, in addition to participating in an interdisciplinary Ph.D. program. The department numbers approximately 20 professional and administrative staff.

Established and manage the UTEP Concussion Management Clinic. The clinic provides baseline testing and post-concussion management services to all UTEP sports, approximately eight high schools in the El Paso region, the local professional hockey team, athletes from El Paso Community College, and members of the local woman’s roller skating team. This clinic serves as a model for investigating mild traumatic head injury in soldiers. These investigative efforts resulted in one pilot study and a large study of TBI/PTSD soldiers at WBAMC, in collaboration with the Human Performance Lab at Fort Rucker, AL.

Over my career I successfully lead two academic programs through three separate Council Academic Accreditation site visits for two different speech-language-hearing academic programs; Our Lady of the Lake University-San Antonio and University of Texas at El Paso.

Established a collaborative clinical education program between Texas Tech Medical School-Sports Medicine Clinic and the UTEP Concussion Management Clinic(CMC).

Served as Chair of the Board Certification Committee for Academy of Neurologic Communication Disorders and Sciences for two, three year terms and continue to serve as a member of this committee.

Served on the Program Committee on three occasions for the American Speech Language Hearing Association national/international conference, and served as local organizer for two annual meetings of the Clinical Aphasiology Conference, Phoenix, AZ.

Served on a national/international review panel for Advancing Academic-Research Careers Award sponsored by the American Speech Language Hearing Association 2007-08-09-10-11.

Participate in the Mentor Academic & Research Careers for Ph.D. candidates through the American Speech Language Hearing Association sponsored academic mentoring program.

Advise doctoral students in the Interdisciplinary Ph.D. program in Health Sciences at UTEP.

Frequently serve as a reviewer of manuscripts for international journals in communication sciences and disorders

Presently serve as an editorial consultant on the online journal Translational Clinical Medicine.

Each summer I run a non-credit reading group for interested undergraduate and graduate students that cover the latest in the neurosciences and communication disorders.

Chair College of Health Sciences Academic Affairs Committee 2011-13, as well as numerous other university, college and program committees over the years; Faculty Senate Senator, and member Faculty Welfare, Responsibility and Ethics.

Currently serve on the Executive Committee for the Interdisciplinary Health Sciences PhD program and have served on the committee in previous years.

Serve as Treasurer for Rio Grande Chapter of Society For Neurosciences 2012-2013.

Founding member of the El Paso Alliance for Sports Safety 2013 and served as Treasurer, 2013.

Reviewer for the TBI section, 2015 ASHA Convention, Denver, CO.

**Research Support**

1974-1976 National Institute of Health Post-Doctoral Research Fellow, Minneapolis, VAMC/U. Minnesota.

1989-1997 Maternal & Child Health Bureau, DHHS, PI, “Leadership Grant for Speech-Language Pathologist, Our Lady of the Lake University-San Antonio, TX.

1995-1996 Hearst Foundation Faculty Research Grant- Our Lady of the Lake University “Artificial Language Learning in Severe Aphasic Adults.”

1998 Co-Investigator, Our Lady of the Lake U., NIH, “Bridges to Ph.D. in Speech Pathology

 and Audiology,” in cooperation with the U. Iowa and Howard University. Left OLLU

 and joined faculty at UTEP

2000-2001 Principle Investigator, University of Texas at El Paso, “Training Equivalence Relations in Aphasic Individuals” Funded Fall 2000, University Research Institute Grant. $4,800.

2001-2003 Principle Investigator, University of Texas at El Paso, “Investigating Neural-Network Analysis of Speech Fluency Measures.” Funded Spring 2001, Border Health Research Funds. $11,900.

2000-2007 Co-Investigator, University of Texas at El Paso, “Collegiate Project Assistance Initiative,” Funded Fall 2000 and renewed Fall 2001, 2002, 2003, 2004 College of Health Sciences & Paso Del Norte Foundation (Principle Investigator 2004-2007)

2010 Co-Investigator, University of Texas at El Paso, “Serum Markers in the Evaluation of Mild Traumatic Brain Injury in Athletes” Funded Spring 2010, Texas Speech Hearing Foundation, $3,000.

2013-2018 Principle Investigator, University of Texas at El Paso, Awarded “Advanced Rehabilitation ResearchTraining” (ARRT) in Traumatic Brain Injury, the National Institute on Disability and Rehabilitation Research (NIDRR) Department of Education, for Post-Doctoral Fellow. Grant is for 5 years, $750,000.

**Peer- Reviewed Publications**

Salvatore (1972). Use of a baseline probe technique to monitor the test responses of aphasic

 patients, *J. Speech and Hearing Disorders*, Vol.37 471-475.

Salvatore, Strait, Brookshire (1975). Effects of patient characteristics on delivery of Token Test

 commands by experienced and inexperienced examiners. *Proceedings: Clinical Aphasiology*

 *Conference*, 103-112.

Salvatore (1976). Training comprehension of spoken commands by fading the duration of

 within-command pauses, *Proceedings: Clinical Aphasiology Conference*, 1976.

Salvatore, Strait & Brookshire (1978). Examinations of effects of patient characteristics on

 delivery of the Token Test commands by experienced and inexperienced examiners in

 different clinical settings, *J. Communication Disorders*, 11, 325-333.

Salvatore (1978). Aphasia Treatment: An exercise in stimulus control, *Proceedings: Clinical Aphasiology*

 *Conference,* 30-36.

Salvatore & Davis (1979). Treatment of auditory comprehension deficits in acute and chronic

 aphasic adults by manipulating within-message pause duration, *Proceedings: Clinical*

 *Aphasiology Conference*, 203-212 *.*

Salvatore, Blackwood, & Sachdev (1981). The effects of Dexamethasone on cognitive,

 speech and language behavior: A model for studying recovery of function, *Proceedings:*

 *Clinical Aphasiology Conference*, 68-74.

Salvatore (1982). Artificial language learning in brain damaged adults using a matrix training

 procedure, *Proceedings: Clinical Aphasiology Conference*, 298-307.

Salvatore, Trunzo, Holtzapple & Graham(1983). Investigation of sentence hierarchy of the Helm

 Elicited Language Program for Syntax Stimulation, *Proceedings: Clinical Aphasiology*

 *Conference,* 73-84.

Salvatore(1984). Treatment of visual matching-to-sample deficit. Grand Rounds, *J. Communication*

 *Disorders* 9, 12, 183-184..

Salvatore(1985). Experimental analysis of syntax stimulation training procedure, *Clinical*

 *Aphasiology*, 15, 214-221.

Salvatore & Nelson (1995). Training novel language systems in globally aphasic individuals:

 How novel is it? *Clinical Aphasiology*, Vol. 23, p267-278

Salvatore & Hardee.P (1996). Preparing students for field practicum: One solution. *Special*

 *Interest Divisions Newsletter*, 11, 6, 1, ASHA.

Salvatore, A.P., Cannito, M.P., & Gutierrez, J. (1999), Diagnosis of Spasmodic Dysphonia: A

 Neural Net-Based Procedure. *J. Medical Speech-Language Pathology, June*.

Salvatore, A.P., Thorne, N.A., Gross, C.M., & Cannito, M. P., (1999). Neural Network Approach

 to Speech Pathology. *IEEE Circuits and Systems Society Proceedings, Vol. 1, August.*

Salvatore, A.P., Biswas, A.,Krenovich, V., Manriquez, B., Cannito, J.P., & Sinard, R.J. (2006).

 Expert System-Type Approach to Voice Disorders: Scheduling Botulinum Toxin Treatment for

 Adductor Spasmodic Dysphonia. *J. Advanced Computational Intelligence and Intelligent*

 *Informatics, 10, 3, pp. 332-338.*

Salvatore, A.P., Cannito, M.P., Biswas, A. & Sinard, R.J. (2007). Longitudinal Study of

 Temporal Speech Alterations in An Individual with Adductor Spasmodic Dysphonia Treated

 with Botulinum Toxin. *J. Medical Speech-Language Pathology , 15, 1, pp. 67-82*

Salvatore, Fjordbak, Bene, Ponce De Leon, Prue-Owens, (2008). Comparison of concussion in

 athletes and soldiers, Abstract, *New Developments in Sports-Related Concussion Conference*

 *Proceedings, University of Pittsburgh, July.*

Salvatore, AP & Fjordbak, BS (2011*).* Concussion Management: Role of the Speech-Language

 Pathologist.*. J.Medical Speech Language Pathology, 19, 1, pg1-12*

Salvatore, AP, Sirmon-Fjordbak, B, & Bene, ER (2011). Concurrent Validity Between ImPACT

 Reaction Time Composite Score, ImPACT Cognitive Efficiency Index, and Computerized-

 Revised Token Test Efficiency Score in Athletes with Concussion, *Clinical Aphasiology*

 *Conference, Archives University of Pittsburg Library*

Dretsch, MN, Thiel, KJ, Athy, JR, Irvin, CR, Fjordbak, BS & Salvatore, A.(2012). Mood

 symptoms contribute to working memory decrement in active-duty soldiers being treated for

 posttraumatic stress disorder, *Brain and Behavior*, pgs 1-8, doi: 10.1002/brb3.53.

Sirmon-Taylor, B. & Salvatore, AP (2012) Consideration of the Federal Guidelines for

 Academic Services for Student-Athletes with Sports-Related concussion, *Perspectives on*

 *School-Based Issues, Nov, 13;70-78, doi:10.1044/sbi13.3.70*

Salvatore, AP, Bene, ER & Sirmon-Taylor, B (2013). Performance of concussed and non-

 concussed individuals on Subtest VIII of the C-RTT, Abstract, *Clinical Aphasiology*

 *Conference, Archives U of Pittsburgh Library*.

Murray NG, Pradeep Ambati VN, Salvatore AP, Reed-Jones RJ. Assessment of oculomotor

 control and balance post-concussion: A preliminary study for a novel approach to concussion

 management. *Brain Injury*. 2014; 49:e1-10.

Murray, NG., Salvatore, A., Powell, D. & Reed-Jones, R. (2014). Reliability and Validity

 Evidence of Multiple Balance Assessments in Athletes With a Concussion, *J Athletic*

 *Training49 (3), doi: 10.4085/1062-6050-49.3.32*

Salvatore, AP (2014). *Seminars in Speech and Language, Guest Editor*, Concussion 101 for

 SLPs. 25, 3, Thieme , NYC, NY.

Lim, KY & Salvatore, AP (2014). Future of Traumatic Brain Injury in Adults, *Seminars in*

 *Speech and Language, 35,3,234-240*.

**Abstracts**

Newhoff & Salvatore(1984). Sweet sunshine and warm hugs: Aphasic subjects comprehension

 of metaphors in context, Abstract, *Proceedings: Clinical Aphasiology Conference*.

Salvatore & Katz (1986). Matching-to-Sample Memory Task, Abstract, *ASHA*.

Salvatore (1989).Global Aphasia: A Radical Analysis and Treatment, Seminar, Abstract, *ASHA*, p175.

Salvatore & Leitgen (1990). Global Aphasia: A Historical Perspective, Abstract, *ASHA*, p158.

Salvatore, Vogel, Carter & Pfanntid (1993). Independent Evaluation of the Effects of Bromocriptine on

 Aphasia, Abstract, *ASHA*, p135

Kymes, Tansey & Salvatore (1993). Efficacy of a shaping procedure. Abstract, *ASHA*, p186

Salvatore, Darley, Dufour & Eisenbach (1993). Implementation of TQM in a CD Program,

 Abstract.*ASHA*, p125

Salvatore, Tansey & Virta (1993). Treatment of phoneme specific nasal emission error pattern,

 Abstract, *ASHA*, p181

Raju & Salvatore (1995). Community education in the field of speech-language pathology, Abstract, *ASHA*,

 p84.

Raju, Shaw & Salvatore (1995). Photographic craniofacial evaluation in relation to speech and

 language disorders, Abstract, *ASHA*, p84.

Sparks, Neilson, Ruiz & Salvatore (1995). Student inter-judge reliability of acoustic measurements of speech,

 Abstract, *ASHA*, p84.

Salvatore & Kaplanl, P (1995). Medical and rehabilitation treatment of cerebral aneurysms and

 arteriovenous malformations, Abstract, Seminar Presentation, *ASHA*, p84

Salvatore & Nelson (1995). Training novel language systems in globally aphasic individuals:

 How novel is it? *Clinical Aphasiology*, Vol. 23, p267-278

Salvatore & Hardee (1996). Preparing students for field practicum: One solution. *Special Interest*

 *Divisions Newsletter*, 11, 6, 1, ASHA.

Marquardt, Newton & Salvatore (1996).Efficacy of a computer-based treatment for aphasia: A

 case study. Abstract, *ASHA*, p86

Terrell, Jimenez, Salvatore & Henry (1996). Nasometric values: A normative data study,

 Abstract, *ASHA*, p88.

Salvatore, A.P. & Marquardt, T.(1997). Computer software for aphasic rehabilitation: User

 demographic characteristics, Abstract, *ASHA*, p104.

Salvatore, A.P., Cannito, M. & Gutierrez, G.,(1998). Subgroups of spasmodic dysphonia: A

 neural network analysis, Abstract, *ASHA*, pg.118.

Salvatore, A.P. & Biswas, A.(2001). Equivalence learning in aphasic individuals, Abstract, *ASHA*, p208.

Salvatore, A.P., Riccillo, S.C., Biswas, A. (2003). Neurophysilogical measurement of equivalence learning

 in an aphasic and non-brain damaged adult, Abstract, *ASHA*, p177.

Salvatore, AP & Biswas, A (2005). Efficacy of Computer Animated Aids in statistics for Graduate Students

 of SLP, *Proceedings of the Sun Conference on Teaching & Learning, El Paso, Texas, p1*

Salvatore, A.P., (2005). The history and future of errorless teaching/treatment procedures, Abstract, *ASHA*,

 p166.

Fjordbak, B. S., Salvatore, A.P., Bene, E.R., Neal, MR., Nelson, R. & Valles, B. (2008). Sports-

 Related concussion and word fluency. Abstract, *Brain Injury*, 22:1, pg158.

Salvatore, A.P., Fjordbak, B.S., Dominguez, D. & Sipla, J. (2009). Role of Speech-Language

 Pathologist in Managing Sports-Related Concussion. Abstract, *ASHA*, pg142.

Salvatore, A.P., Fjordbak, B.S., Dominguez, D. & Sipla, J. (2009). Role of Speech-Language

 Pathologist in Managing Sports-Related Concussion. Abstract, *ASHA*, pg142.

Dretsch, M, Prue-Owens, K, Salvatore, A & Fjordbak, B S (2010). Mild traumatic brain injury

 moderates executive attention in US Army soldiers with post-traumatic stress disorder, *Brain*

 *Injury*, 24, 3, pg254-55 (Abstract).

Sirmon-Taylor, B. & Salvatore, AP (2013). Academic Re-Entry for Student –Athletes with

 Concussion: Working Within the Guidelines, Abstract, *Texas Speech Language Hearing*

 *Association Convention, Dallas*, p29.

Murray, NG, Salvatore, AP, Tomaka, J, Islas, A & Reed-Jones, RJ (2013) Poster Underlying

 motor control of the Romberg and Wii Balance assessments in concussed athletes. *American*

 *College of Sports Medicine Conference*, Indianapolis, IN.

Sepulveda, A & Salvatore, AP (2014*).* Predicting protracted recovery following mTBI/

 Concussion using computerized neurocognitive testing & symptom profiles, *American Speech*

 *Language Hearing Association Annual Convention, Orlando, FL, p237*

Lim, KY, Pfirman, J & Salvatore, AP (2014). Measruing language ability7 in individuals with

 sports-related concussion/mTBI. *American Speech Language Hearing Association Annual*

 *Convention, Orlando, FL, pg 241*

Pfirman, J, Greco, K & Salvatore, AP (2014*).* Does knowledge of concussion symptoms

 influence an athlete’s self-report of history of concussion? *American Speech Language*

 *Hearing Association Convention, Orlando, Fl, pg253.*

Marshall, K & Salvatore, AP (2014). The contribution of mTBI/Concussion to the development

 of PTSD symptoms. *American Speech Language Hearing Association Convention, Orlando,*

 *FL, pg 253.*

Salvatore, AP, Bene, E, Cannito, M & Taylor, BS (2015). Auditory comprehension in concussed

 and non-concussed individuals on subtest VIII of the Computerized-Revised Token Test (C-

 RTT), *American Speech Language Hearing Association Convention, Denver, CO.*

**Selected Presentations**

Salvatore, Scroggs & Katz (1987). Experimental Memory Training Procedure, Poster. *American Congress of*

 *Rehabilitation*, Orlando, Florida.

Salvatore, Vogel & Carter (1990). Effects of Pharmacotherapy on Aphasia: An Attempted

 Replication. *Texas Speech-Language-Hearing Association Convention*. Poster

Salvatore (1991). Self-Adjusting Delayed Matching-to-Sample Memory Training Procedure,

 *Texas Speech-Language-Hearing Association*. Poster.

Hardee & Salvatore (1992).What is language therapy? Integrating operant and linguistic

 approaches,” Workshop, *Texas Speech-Language-Hearing Association Convention*.

Dufour, Darley, Salvatore & Tansey (1994). Measurement of change following implementation

 of TQM in a university setting. *Texas Speech Language Hearing Association Convention,* Poster.

Kymes, Tansey & Salvatore (1994).Training of augmentative communication prerequisite

 skills. *Texas Speech Language Hearing Association Convention*, Poster.

Raju, Neilson & Salvatore (1995). Institutionalization of TQM within a university clinic.

 *Texas Speech Hearing Association Convention*. Poster.

Salvatore (1995). Bedside Examination: CRROWN, *Texas Speech-Language-*

 *Hearing Association Convention*, Platform Presentation .

Salvatore & Hawley (1995). Incorporating efficacy procedures into your practice, *Texas-*

 *Speech-Language-Hearing Association Convention*, Platform Presentation.

Daggett, Tansey, Jimenez & Salvatore (1995). Matching-to-sample technique to train

 prerequisite augmentative communication skills, *Texas Speech-Language-Hearing Association*

 *Convention*, Poster.

Shaw, Hubbard & Salvatore (1995). Photographic craniofacial evaluation in relation to speech

 and language disorders: Educational module, Poster, *Texas Speech Language Hearing*

 *Association Convention*.

Salvatore (1996). Neural computing and its application to diagnosis and treatment of

 communication disorders, Seminar, *Texas Speech Language Hearing Association Convention.*

Kolar, Terrell, Jimenez & Salvatore (1996). Neuro-imaging: A historical overview and

 implications for speech language pathologists, Poster, *Texas Speech Language Hearing*

 *Association Convention.*

Salvatore, A.P., Vogel, D., & Gutierrez, G. (1997). Treatment Efficacy: Let’s Play Jeopardy,

 Seminar, *Texas Speech Language Hearing Association Convention*.

Henry, K., Jimenez, G., & Salvatore, A.P. (1997).Clinical rotations in a university setting,

 Poster, *Texas Speech Language Hearing Association Convention*.

Longobardi, L., O’Dell, H., Apostle, S., Jimenez, G., & Salvatore, A.P.,(1997). Neural

 networks: Clinical application. Poster, *Texas Speech Language Hearing Association*

 *Convention.*

Terrell, K., Speer, T.G., Jimenez, G., & Salvatore, A.P.(1997). Investigating speech-language

 pathology through neuroimaging, Poster, *Texas Speech Language Hearing Association*

 *Convention.*

Salvatore, A.P. & Gutierrez, G. (1998).Application of neural computing to task of differential

 diagnosis, Poster, *Texas Speech Language Hearing Association Convention.*,

Salvatore, A.P., Thorne, N.A., Gross, C.M, & Cannito, M.(1998). Neural network approach to

 speech pathology, Poster, *International Motor Speech Conference*, Williamsburg, VA..

Vogle, D., Cannito, M., Salvatore, A.P., Marquardt, T.P. (1998). Effects of treatment on affect

 production in Parkinson’s disease. Poster, *International Motor Speech Conference*

 Williamsburg, VA.

Brown, M., Salvatore, A.P., Biswas, A. (2002). Equivalence learning in normal adults, Poster, *Texas Speech*

 *Language Hearing Association*.

Salvatore, A.P. & Biswas, A.(2002). Equivalence learning in severely aphasic individuals, Poster, *Texas*

 *Speech Language Hearing Association*.

Salvatore, A. P., Biswas, A., Manriquez, B., Cannito, M. (2004). A longitudinal study of speech fluency

 stability in an adductor spasmodic dysphonic individual treated with botulinum toxin, Poster,

 *International Motor Speech Conference*, Albuquerque, NM.

Salvatore, A.P. & Aguilera, V. (2007). Reduction of errors: Training feature based classes,

 Poster, *Texas Speech Language Hearing Association Convention*. Dallas, TX.

Salvatore, A. P., Fjordbak, B.S., Nelson, R. & Valles, B.(2007), Post-concussion management:

 Case study of a high school football player, *Annual North American Brain Injury Society*, San

 Antonio, TX.

Salvatore, Fjordbak, Bene and Neal (2008). *Continuity of Care of mTBI in Athletes and Will’s*

 *Bill*. Texas Society of Allied Health Professions 31st Conference, Sept. El Paso, TX

Salvatore & Fjordbak (2008). Recovery of cognitive-communicative behavior following

 concussion in high school and college athletes *Academy of Neurologic Communication*

 *Disorders and Sciences (ANCDS) Annual Education and Scientific Meeting. Platform*

 *presentation; Chicago, Nov.*

Salvatore and Fjordbak (2008). Prevention of sports related concussions*, S.C.A.T.A.*

 *Symposium On Sports Medicine, Platform presentation, May, 12, El Paso*.

Salvatore, AP & Islas, A (2010) Identification & Treatment of Sports Related Concussion, *Texas*

 *Regional Meeting of Coaches, Athletic Trainers and Administrators.* Jan. El Paso

Salvatore, AP & Islas, A (2012) Identification & Treatment of Sports Related Concussion*,*

 *Anthony ISD Meeting of Coaches, Athletic Trainers and Administrators.* June. Anthony, Texas.

Reed-Jones, RJ, Salvatore, AP, Ambati, VNP, & Bene, ER (2012). Poster. Balance and Gaze

 Assessment in Concussion Management. *Society of Neuroscience Conference*, New Orleans.

Salvatore, AP, Sirmon-Taylor, B, Nelson, R & Valles, B (2013).An educational Model to

 Integrate Research and Practice in Speech and Language pathology, *Council of Academic*

 *Programs in Communication Sciences and Disorders Conference, Phoenix, AZ*

Salvatore, AP (2013). Identification & Treatment of Sports Related Concussion, *Texas Tech*

 *Sports Medicine Conference*, June 15 El Paso, Texas. (invited speaker)

Salvatore, AP (2013).Assessment and Treatment of Sports-Related Concussion in Schools,

 *ASHA Public Schools Conference, July,Long Beach, CA*. (Invited speaker).

Salvatore, AP (2014). mTBI/Concussion prevention and a culture of denial. Invited lecturer,

 *Healthy Exchange*, College of Health Sciences, UTEP, Feb. 5th, 2014.

Salvatore, AP & Taylor, BS (2015). Recovery from concussion. *Texas Speech-Language*

 *Hearing Convention, San Antonio, Mar.*

**Book Chapter**

Intervention for Global Aphasia”, book chapter in, Language Intervention Strategies in

 Adult Aphasia, 2nd Edition, (Ed), R. Chapey, Williams & Wilkins, 1986.

Lim, KY & Salvatore, AP (2014). Future of Traumatic Brain Injury in Adults, *Seminars in*

 *Speech and Language,35,3, 234-240*.

**Book Review**

Traumatic Brain Injury: Mechanisms of Damage, Assessment, Intervention, and Outcome.

 Tejas. XVIII, 2, 1991, pg. 46-47.

Sidman’s Neuroanatomy: A programmed learning tool, 2nd Edition, Gould, DJ & Brueckner,

 JK, 2008, Lippincott Williams & Wilkins.

Understanding and interpreting educational research, Martella, RC et al (2013). The Guilford

 Press, NYC.

**Selected Workshops Given**

Hardee, P & Salvatore, AP (1992).What is language therapy? Integrating operant and linguistic

 approaches,” Workshop, *Texas Speech-Language-Hearing Association Convention*.

Salvatore, AP (1994). A Collaboration to Prevent/Treat Communication Disorders in Children,

 Presentation at New Directions in Education V, Texas A & M University, College Station, TX,

 June.

Salvatore, AP (1994). Multicultural Considerations in Diagnosis and Treatment of Aphasic

 Individuals. Mid-South Conference on Communication Disorders, University of Memphis,

 March.

Salvatore, AP (1997 &1998). New Concepts in Neurorehabilitation, Workshop, lectured as part

 of this workshop, San Antonio, TX, November 1997 and January 1998.

Salvatore, AP (2008). Brain Imaging: Its’ Impact On How We Do Treatment,” Workshop, El

 Paso Speech Language Hearing Association, El Paso, TX., Jan.

Salvatore, AP (2008). Evidence Based Practice in Speech Language Pathology, Workshop,

 Rocky Mountain University, San Antonio, TX. Feb. 2008.

Salvatore, AP (2009). Evidence Based Practice in Speech Language Pathology,Workshop,

 Rocky Mountain University, Kansas City, MO. Sept.

Salvatore, AP (2015). Invited speaker, Mid-South Conference, U. of Memphis, TN. Speech-

 Language Pathologist Role in Concussion Management. Feb.

Salvatore, AP (2015). Concussion Management: Role of Speech-Language Pathologist, Arkansas

 State University, Jonesboro, AR June.

**Certification/License/Membership**

Certificate of Clinical Competence in Speech-Language Pathology (SLP), American Speech-

 Language-Hearing Association

Board Certification in Neurologic Communication Sciences & Disorders in Adults. Academy of

 Neurologic Communication Disorders & Sciences

Texas State License to Practice Speech-Language Pathology

Member American Speech-Language and Hearing Association

Member Texas Speech-Language-Hearing Association

Member El Paso Speech-Language-Hearing Association

Member North American Brain Injury Society

**Clinical Expertise**

 Concussion Management

 Adult neurogenic speech/language/voice/cognitive disorders

 Alaryngeal communication/TEP

 Communication disorders associated with ventilator dependent individuals

 Dysphagia diagnosis and treatment in children and adults

 Efficacy of practice assessment

 Craniofacial anomalies

 Ethics

 Single subject research designs

 Evidence based practice/Practice based evidence

 Neuro-plasticity and behavioral treatment

**Academic Course Load**

 *Graduate Level*-

 Pro-Seminar, Interdisciplinary Health Sciences Ph.D. Program

 Research Methods/Single subject designs

 Aphasia & Related Communication Disorders

 Special Topics

 Other courses taught: *Undergraduate Level* & *Graduate Level*

 Introduction Speech Pathology/Audiology Voice/Speech Disorders

 Motor Speech Disorders

 Terminology & Pharmacology

 Anatomy & Physiology Speech/Hearing

 Voice Disorders

 Normal Language Development

 Medical Speech Language Pathology

**Continuing Education**

 Awarded the “Award for Continuing Education” (ACE) by the American Speech-

 Language-Hearing Association in 1991-94, 1994-1997, 1997-2000, 2002-2005, 2007-

 2010 , 2011-2013. Awarded if one obtains 10 clock hours of CE per year for three

 years.

 Maintain Texas State License to practice speech language pathology

 Maintain ANCDS Board Certification via continuing education in prevention, diagnosis, treatment of

 neurologically based communication disorders

**Masters’ Thesis**

Co-Chair, 1981, The effects of an antecedent on the auditory comprehension of spoken

 commands presented monaurally and binaurally, Kathleen Duffy Davis, Arizona

 State University.

Chair, 2002, Errorless versus trial and error learning of equivalence training in college students,

 Maria G. Alvarez-Brown, Speech Language Pathology Program, U. of Texas at El Paso.

Committee member, 2004, Code-Switching and Spanish/English bilingualism, Delia Diaz, U. of Texas at El

 Paso, Department of Languages and Linguistics.

Chair, 2005, An ERP Study of stimulus equivalence in aphasic and non-brain damaged indivdiduals, Susanne

 Rasmussen, Speech Language Pathology Program, U. of Texas at El Paso. Judged

 best thesis in the College of Health Sciences and submitted to university wide competition.

Chair, 2005, Comparison of two training procedures: Fading versus trial and error, Bertha

 Manriquez, Speech Language Pathology Program, U. of Texas at El Paso.

Chair, 2005, Retention and generalization of single words following sequential versus

 simultaneous training of two artificial vocabularies, Vanesa P. Garcia, Speech

 Language Pathology Program, U. of Texas at El Paso

Chair, 2008, Typicality Effects in Training Artificial Vocabulary in Aphasic Adults, Veronica

 Aguilera, Speech Language Pathology program, U. of Texas at El Paso.

Chair, 2010, Chair of two masters thesis completed and defended April/May 2010.

Chair, 2012, Chair of two masters thesis completed and defended May 2012.

Chair, 2013 Potential Influences of Compliance for Short-Term Recovery from Sports-Related

 Concussion Erin R. Ewing, Speech Language Pathology Program, U. of Texas at El

 Paso.

Chair, 2013 Examining articulatory kinematics using diadochokinesis in concussed and non-

 concussed individuals. L.D. Dolan, Speech Language Pathology Program, U. of

 Texas at El Paso.

Chair, 2015 Predicting protracted recovery from sports-related concussion using computerized

 neurocognitive testing and symptom profiles, Amanda Sepulveda, Speech-

 Language Pathology Program, U. of Texas at El Paso.

Chair, 2015 Contribution of mTBI/concussion to the development of PTSD symptoms, Kylie L.

 Marshall, Speech-Language Pathology Program, U. of Texas at El Paso.

Chair, 2015 The effects of a sport-related concussion on the motor speech mechanism and the

 motor limb movements: Examining oral diadochokinesis, speech rate, and limb

 task. Jessica M. Hewitt, Speech-Language Pathology Program, U. of Texas at El

 Paso.

Dissertations:

Committee member, 1994, Contextual facilitation of sentential processing in aphasia, Julie

 Bethea Stoll, U. of Texas at Austin.

Committee member, 1997, Processes and outcomes of mentoring relationships in selected at-risk

 elementary students, Wand Kuehr, Department of Psychology, Our Lady of the

 Lake University at San Antonio.

Chaired dissertation: Bene, E.R. (2011). *Reliability of the ImPACT Test.* Interdisciplinary Health

 Sciences Ph.D.Program.

Chaired dissertation: Murray, N. (2014). *Evaluation of Static and Dynamic Postural Control in*

 *Athletes with Concussion During Recovery*. Interdisciplinary Health Sciences Ph.D.

 Program

Chaired dissertation: Ambati, V.N.P. (2014). *Examining the Role of Attention in Steering Using*

 *a Dual Task Paradigm.* Interdisciplinary Health Sciences Ph.D. Program