Anthony P. Salvatore, PhD, CCC-SLP, Board Certified ANCDS

Professor

Department of Communicative Disorders

University of Louisiana-Lafayette

**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**

2018 Tenured, University of Louisiana-Lafayettee, Department of Communicative Disorders

2017 Designated Hawthorne/Roy Distinguished Professor, University of Louisiana-Lafayette.

2017 Invited Key Note Speakers; Powell, P. & Salvatore, A.P. (2017). This is not the NFL. *National Association of Parks and Recreation Convention, New Orleans, LA, Oct*.

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, University of Texas at El Paso.

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, inducted into the TSHA Hall of Fame 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 Clinic program. Received Special U.S. Congressional, State of Texas and City of El Paso Certificates of Recognition.

2001 Tenured, University of Texas at El Paso, Program in Speech Language Pathology

**Position**s

2009-2017 Adjunct Research Professor, Texas Tech University, Paul L. Foster School of Medicine, Texas Tech Health Sciences Center, El Paso, Texas

2006-2017 Chair, Department of Rehabilitation Sciences College of Health Sciences, University of Texas at El Paso

1998-2017 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

1985-1989 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

1974-1976 National Institute of Health Post-Doctoral Research Fellow, Minneapolis,

VAMC/U. Minnesota.

1973 VA Trainee, Speech Pathology, Pittsburgh VA Medical Center, Pittsburgh, PA

1971-1972 Aphasiologist, Aphasia Section, Department of Neurology, Minneapolis VAMC

Minneapolis, MN

**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.

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, A.P. (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, A.P., Strait, M, Brookshire, R.H. (1975). Effects of patient characteristics on delivery

 of Token Test commands by experienced and inexperienced examiners. *Proceedings: Clinical*

 *Aphasiology Conference*, 103-112.

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

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

Salvatore, A.P., Strait, M. & Brookshire, R.H. (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, A.P. (1978). Aphasia Treatment: An exercise in stimulus control, *Proceedings: Clinical*

 *Aphasiology Conference,* 30-36.

Salvatore, A.P. & Davis, K. (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, A..P, Blackwood, D., & Sachdev, S. (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, A.P. (1982). Artificial language learning in brain damaged adults using a matrix

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

Salvatore, A.P., Trunzo, M., Holtzapple, P. & Graham, G. (1983). Investigation of sentence

 hierarchy of the Helm Elicited Language Program for Syntax Stimulation, *Proceedings:*

 *Clinical Aphasiology Conference,* 73-84.

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

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

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

 *Aphasiology*, 15, 214-221.

Salvatore, A.P. & Nelson, R. (1995). Training novel language systems in globally aphasic

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

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

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

Salvatore, A.P., Cannito, M., & 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, M..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, A.P., Fjordbak, B.S., Bene, E.R., Ponce De Leon, R., Prue-Owens, K. (2008).

 Comparison of concussion in athletes and soldiers, Abstract, *New Developments in Sports-*

 *Related Concussion ConferenceProceedings, University of Pittsburgh, July.*

Salvatore, A.P. & Fjordbak, B.S. (2011*).* Concussion management: Role of the speech-language

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

Salvatore, A.P., Sirmon-Fjordbak, B., & Bene, E.R. (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 Pittsburgh Library*

Dretsch, M.N., Thiel, K.J., Athy, J.R., Irvin, C.R., Fjordbak, B.S. & Salvatore, A. P.(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, A.P. (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, A.P., Bene, E.R. & 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, N.G., Pradeep Ambati, V.N., Salvatore, A.P., & 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, N.G., Salvatore, A.P, Powell, D. & Reed-Jones, R. (2014). Reliability and validity

 evidence of multiple balance assessments in athletes with a concussion, *J Athletic*

 *Training, 49, (3), 540-549, doi: 10.4085/1062-6050-49.3.32*

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

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

Lim, K.Y. & Salvatore, A.P. (2014). Future of traumatic brain injury in adults, *Seminars in*

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

Murray, N, Salvatore, A.P., Tomaka, J. & Reed-Jones, R.J. (2016). Relationship between the

 Romberg Test and the Wii Fit basic balance test and cognition in athletes with concussion. *J.*

 *Clinical and Translational Research, 2(1): 38-44*, DOI: <http://dx.doi.org/10.18053/jctres.02.201601.005>

Murray, N.G., Fernandez, E., Salvatore, A.P. & Reed-Jones, R.J. (2016). Assessment of the Wii

 basic balance test in measuring postural deficits post-concussion, *J Clin Transl Res 2016;*

 *2(4): 2.* Published online: 12 December, 2016

Salvatore, A.P., Cannito, M.P., Brassil, H, Bene, E.R. & Taylor, B.S. (2017). Auditory

 comprehension in college students with and without sports concussion: Computerized-Revised

 Token Test Subtest VIII. *Concussion*, *cnc37.*

Bialunska, A. & Salvatore, A.P. (2017). [The auditory comprehension changes over time after](http://onlinelibrary.wiley.com/doi/10.1002/brb3.874/full)

 [sport-related concussion can indicate multisensory processing dysfunctions](http://onlinelibrary.wiley.com/doi/10.1002/brb3.874/full), *Brain and*

 *Behavior: 29 NOV 2017, DOI: 10.1002/brb3.874*

Bialunska, A.,Salvatore, A.P. (2017). What’s going on with auditor comprehension after sport-

 related concussion? *Archives of Physical Medicine and Rehabilitation, 98(10),* e22.

Brassil, H. & Salvatore, A.P. (2018) PTSD symptoms in concussed and nonconcussed athletes.

 *Clinical and Translational Medicine*. Published online *2018 Jul 23. doi:[10.1186/s40169-018-](https://dx.doi.org/10.1186/s40169-018-0200-y%22%20%5Ct%20%22pmc_ext)*

 *[0200-y](https://dx.doi.org/10.1186/s40169-018-0200-y%22%20%5Ct%20%22pmc_ext)*

Yoo, H. & Salvatore, A.P. (2018). Effects of playing positions on memory and auditory

 comprehension in high school football players with a mild concussion. *Clinical Archives of*

 *Communication Disorders,* 3. 3, 1-8, December, *doi.org/10.21849/cacd.2018.00451*

Howard, J., Dorgo, S., Salvatore, A.P. & Boyle, J.B. (2019) The use of mobile phone

 applications for concussions when athletic trainers are not present, *Journal of Physical*

 *Education, Recreation & Dance, 90:2, 43-51, DOI: 10.1080/07303084.2018.1546632*

**Abstracts**

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

 comprehension of metaphors in context, Abstract, *Proceedings: Clinical Aphasiology*

 *Conference*.

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

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

 p175.

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

 p158.

Salvatore AP, Vogel D, Carter R & Pfanntid P(1993). Independent Evaluation of the Effects of Bromocriptine

 on Aphasia, Abstract, *ASHA*, p135

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

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

 Abstract.*ASHA*, p125

Salvatore AP, Tansey S& 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 AP & Kaplan, P (1995). Medical and rehabilitation treatment of cerebral aneurysms

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

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 ability 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, ER, Cannito, MJ & 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.*

D’Amico, N, Salvatore, AP, Powell, D, Reed-Jones, J. & Murray, NG (2015). Static and

 dynamic assessments of postural control post-concussion: Logistic regression models.

 *Medicine & Science in Sports & Exercise, May*.

Valles, B, Sirmon-Taylor, B & Salvatore, AP (2016) Block schedule: A 10-year review of a

 model for integrating reseach and practice, *American Speech-Language Hearing Association*

 *Annual Convention, Philadelphia, PA, Nov.*

Sirmon-Taylor, Salvatore, AP & Mejia *(2017).* Word fluency as a measure of concussion

 recovery. *American Speech-Language Hearing Association Annual Convention, Los Angles,*

 *CA, Nov. Poster*

Bialunska AB & Salvatore, AP (2017) What is going on with auditory comprehension after

 sport-related concussion? *American Congress of Rehabilitation Medicine Annual Conference,*

 *Atlanta, Oct. 23-28. Poster*.

Bialunska AB & Salvatore AP.(2017) Multimodal tasks can cause more difficulty compared to

 simple tasks in concussed athletes indicating a dysfunction of the sensorimotor integration

 mechanisms. *Program No. 394.03. 2017 Neuroscience Meeting Planner. Washington, DC: Society*

 *for Neuroscience, 2017. Poster. Online*.

Bialunska, AB & Salvatore, AP (2018). Improvement in auditory comprehension reaction

 time following a sport-related concussion is linked to visual processing abilities and

 visual-motor speed, *Brain Injury Across the Age Spectrum: Improving Outcomes for Children*

 *and Adults, NABIA Conference, Houston, TX March 14-17, 2018.*

Yoo, H & Salvatore, AP (2018). Effects of playing postions on memory and auditory

 comprehension in high school football players with a mild concussion. *American Congress of*

 *Rehabilitation Medicine Annual Conference, Dallas, TX.Oct. 2018*.

**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.

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

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

Salvatore, AP., 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, AP, Fjordbak, BS, Bene, ER and Neal, R (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, AP & Fjordbak, BS (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, AP & Fjordbak, BS (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.

Lara, P, Riccillo, SC, Salvatore, AP & Tomaka, J (2012). Assessing Electro-physiological and

 Behavioral Activity in Aphasic and Normal Subjects Responding to Spoken Commands. Poster

 *Texas Speech Hearing Association, San Antonio, TX*.

Lara, P. & Salvatore, A.P. (2013). Performance Differences Between Aphasic & Control

 Subjects Responding to Spoken Sentence Length Messages. Presented at the *ASHA Annual*

 *Convention, Chicago, Ill.*

Lara, P. & Salvatore, A.P. (2013). Assessing Electrophysiologic and Behavioral Activity in

 Individuals with Aphasia and Participants with No Brain Damage Responding to Spoken

 Sentence Length Messages, *Clinical Aphasiology Conference, Tucson, Arizona*.

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, A.P. (2013). Identification & Treatment of Sports Related Concussion, *Texas Tech*

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

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

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

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

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

Salvatore, A.P. & Taylor, B.S. (2015). Recovery from concussion. *Texas Speech-Language*

 *Hearing Convention, San Antonio, Mar.*

Vales, B., Sirmon-Taylor, B. & Salvatore, A.P. (2016) Block Schedule: A 10-year review of a

 model for integrating reseach and practice, *ASHA Convention, Philadelphia, PA, Nov*.

Bialunska A.B. & Salvatore, A.P. (2017) What is going on with auditory comprehension after

 sport-related concussion? *American Congress of Rehabilitation Medicine Annual Conference,*

 *Atlanta, Oct. 23-28. Poster*.

Bialunska A.B. & Salvatore A.P.(2017) Multimodal tasks can cause more difficulty compared to

 simple tasks in concussed athletes indicating a dysfunction of the sensorimotor integration

 mechanisms. *Program No. 394.03. 2017 Neuroscience Meeting Planner. Washington, DC: Society*

 *for Neuroscience, 2017. Poster. Online*.

Powell, P. & Salvatore, A.P. (2017). Invited Key Note Speakers, This is not the NFL *National*

 *Association of Parks and Recreation Convention, New Orleans, LA, Oct*.

Salvatore, A.P., Lambeth, K., Valles, B. & Chen, C.(2018). Investigation of the Effectiveness of

 preseason test measures in predicting post-concussion performance, *American Speech*

 *Language Hearing Association Annual Convention, Boston, MA. Poster 6612 online.*

Yoo, H. & Salvatore, A.P. (2018). Playing postions affects memory and language in high

 school football players with a mild concussion, *American Speech Language Hearing*

 *Association Annual Convention, Boston, MA. Poster 6698. Online*

Salvatore, A.P., Cannito, M., Hewitt, J., Dolan, L., King, G. & Brassil, H. (2018). Motor

 speech dysfunction in individuals with soprt-related concussion. *American Speech Language*

 *Hearing Association Annual Convention, Boston, MA. Poster 6096. Online*

**Books/Chapters**

Salvatore, A.P. & Thompson, C.(1986). Intervention for Global Aphasia”, in, Language

 Intervention Strategies in Adult Aphasia, 2nd Edition, (Ed), R. Chapey, Williams & Wilkins.

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

 *Language, 35, 3, August, Thieme, NYC, ISSN 0734-0478*

Lim, K.Y. & Salvatore, A.P. (2014). Future of traumatic brain injury in adults, *Seminars in*

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

Salvatore, A.P. (2019).Guest Editor, Concussions: Interdisciplinary Management, *Seminars in*

 *Speech and Language,* 40, 1, *January, Thieme, NYC, ISSN 0734-0478.*

Banks, R.E. & Salvatore, A.P. (2019). Concussions: Activity avoidance and rest

 recommendation. *Seminars in Speech and Language*, 40, 1, 27-35. Thieme, NYC.

Diaz-Rodriguez, Y.I. & Salvatore, A.P. (2019). Impact of sport-related subconcussive injuries in

 soccer players. *Seminars in Speech and Language,* 40*, 1*, 48-56. Thieme, NYC.

Hegde, M.N .& Salvatore, A.P. (2019). Clinical research in communicative disorders: Principles

 and strategies, 4th Ed, Feburary, Plural Press, New York City, NY.

**Encyclopedia Entries**

Salvatore, A.P. (2019). Behaviorism, *The Sage Encyclopedia of Human Communication*

 *Sciences and Disorders,* Vol. 1, 264-268.

Salvatore, A.P. (2019). Concussion, *The Sage Encyclopedia of Human Communication*

 *Sciences and Disorders,* Vol. 1, 460-463.

Salvatore, A.P. (2019). Concussive Injury, *The Sage Encyclopedia of Human Communication*

 *Sciences and Disorders,* Vol. 1, 463-466.

**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

Louisiana State License to Practice Speech-Language Pathology

Member American Speech-Language and Hearing Association

Member Texas Speech-Language-Hearing Association

Member International Brain Injury Association & 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

 Truamatic Brain Injury

 Medical Speech Language Pathology:Dysphagia

 Cranial Facial Anomalies

 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

**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 and 2014-2016 (Awarded if one obtains 10 clock hours of CE per

 year for 3 consecutive years).

 Maintain Texas State License to practice speech-language pathology

 Maintain State of Louisiana 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, 1981The 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. UTEP

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

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 Does knowledge of concussion symptoms influence an athlete’s self-report of the

 history of concussion across age groups. John Pfirman, Speech-Language Patholgoy

 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.

Chair, 2016 An investigation of motor speech and limb movement following sport-related

 concussion: An extension study. L. Phan, Speech-Language Pathology Program, U.

 of Texas at El Paso.

Co-Chair 2018 Investigation of the Effectiveness of preseason test measures in predicting post-

 concussion performance, K.Lambeth, 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, U. of Texas at El Paso.

Chaired dissertation: Patricia Lara (2012). *Assessing cortical electrophysiologic and behavioral*

 *activity in individuals with aphasia and participatns with no brain damage*

 *responding to spken sentence length messages*, Interdisciplinary Health Sciences

 Ph.D. Program, U. of Texas at El Paso

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

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

 Program, U. of Texas at El Paso.

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, U. of

 Texas at El Paso.

Committee member, 2019 Monica Johnson, Department of Communicative Disorders.

 University of Louisiana-Lafayette.