



RICHARD ZRAICK

Ph.D., CCC-SLP, CHSE

INTRODUCTION

I have been a professor for 26 years. From 2014-2019 I served as the Founding Director of the School of Communication Sciences and Disorders at the University of Central Florida (Orlando). Prior to that, I was a professor for 17 years at the University of Arkansas for Medical Sciences (Little Rock). I have been a clinician for 36 years.

RICHARD I. ZRAICK

Professor of Communication Sciences and Disorders

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Richard-Zraick/***

I have been a professor for 26 years. From 2014-2019 I served as the Founding Director of the School of Communication Sciences and Disorders at the University of Central Florida (Orlando). Prior to that, I was a professor for 17 years at the University of Arkansas for Medical Sciences (Little Rock). I have been a clinician for 36 years.

EDUCATION

PH.D. Speech and Hearing Science
Arizona State University
Department of Speech
and Hearing Science
MAY 1998

M.S. Speech and
Hearing Science
University of Arizona
Department of Speech
and Hearing Science
MAY 1987

B.A. Psychology
University of Arizona
Department of Psychology
December 1984

ACADEMIC APPOINTMENTS

PROFESSOR
2014-present
School of Communication
Sciences and Disorders
College of Health Professions
and Sciences
University of Central Florida
Orlando, FL USA

PROFESSOR
2016-present
Department of Clinical Sciences
College of Medicine
University of Central Florida
Lake Nona, FL USA

**ASSISTANT/
ASSOCIATE/
FULL
PROFESSOR**
1997-2014
Department of Audiology and
Speech Pathology
College of Health Professions
University of Arkansas for
Medical Sciences
Little Rock, AR USA

HONORS & AWARDS

FELLOW
American Speech, Language, Hearing Association
2014

FACULTY EXCELLENCE IN
SCHOLARSHIP AWARD
*University of Arkansas for Medical
Sciences, College of Health Professions
2012, 2015*

CERTIFICATES & LICENSES

Certificate of Clinical Competence in Speech-
Language Pathology (CCC-SLP), issued by the
American Speech, Language and Hearing
Association; 1988 - present.

FL License #SP13091, issued by the FL Board of
Examiners in Speech-Language Pathology and
Audiology; July 2014 - present.

Certified Health Simulation Educator (CHSE™),

FACULTY EXCELLENCE IN RESEARCH AWARD

University of Arkansas at Little Rock, College of Professional Studies 2003, 2011

FACULTY EXCELLENCE IN TEACHING AWARD

University of Arkansas for Medical Sciences, College of Health Professions 2005, 2015

CONTRIBUTIONS IN RESEARCH AWARD

Arkansas Speech and Hearing Association 2000, 2013

issued by the Society for Simulation in Healthcare; 2020 – present.

EXPERTISE

Voice Disorders
Neurogenic Communication Disorders
Healthcare Simulation
Health Literacy & Health Communication

PERSONAL INTERESTS

Songwriting
Drumming
Music Recording
1970s TV
1970s Classic Rock Music

FAMILY

My wife, Amanda Zraick, is a speech-language pathologist with expertise in communication disorders in adolescents.

We have twin daughters, Kaitlyn and Brooklyn.

PROFESSIONAL MEMBERSHIPS

Member, American Speech, Language and Hearing Association (1987 to present)

Member, Florida Speech and Hearing Association (2014 to present)

Member, Association of Standardized Patient Educators (2019 to present)

Member, Society for Simulation in Healthcare (2019 to present)

SCHOLARSHIP RECORD

Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=EyvTMEcAAAAJ>

PEER-REVIEWED RESEARCH ARTICLES

1. Rangarathnam, B., Paramby, T., McCullough, G.H., Pickett, H., Tulunay-Ugur, O.E., & **Zraick, R.I.** (2023). A randomized controlled trial of the effects of flow phonation voice treatment for primary muscle tension dysphonia. *Journal of Communication Disorders*. <https://doi.org/10.1016/j.jcomdis.2022.106290>
2. La Scala, J.D., **Zraick, R.I.**, Rosa-Lugo, L.I. & Cosby, J.L. (2022). Readability of cochlear implant brochures: A potential factor in parent decision-making. *American Journal of Audiology*. https://doi.org/10.1044/2022_AJA-22-00048
3. Steiner, S., Slavych, K., & **Zraick, R.I.** (2022). Assessment of online patient education material about dysphagia. *Dysphagia*. <https://doi.org/10.1007/s00455-022-10524-3>
4. Quintero, S., **Zraick, R.I.**, Rosa-Lugo, L.I., La Scala, J.D. (2023). Readability of IDEA Part B procedural safeguards notices written in Spanish. *Language, Speech, and Hearing Services in Schools*. https://doi.org/10.1044/2022_LSHSS-21-00186
5. Noblin, A.M., **Zraick, R.I.**, Miller, A.N., Schmidt-

- Owens, M., Deichen, M., Tran, K., & Patel, R. (2022). Readability and suitability of information presented on a university health center website. *Perspectives in Health Information Management*, *19*, 4. PMID: 36348731; PMCID: [PMC9635048](https://doi.org/10.1016/j.pec.2021.08.018)
6. Miller, A.N., Bharathan, A., Duvvuri, V.N.S., Navas, V., Luceno, L., **Zraick, R.I.**, Atmakuri, S., Schmidt-Owens, M., Deichen, M., Owens, T., & Thrash, K. (2022). Use of seven types of medical jargon by male and female primary care providers at a university health center. *Patient Education and Counseling*. <https://doi.org/10.1016/j.pec.2021.08.018>
 7. Miller, A.N., **Zraick, R.I.**, Atmakuri, S., Luceno, L., Navas, V., Schmidt-Owens, M., Deichen, M., Ayers, T., & Thrash, K. (2021). Characteristics of teach-back as practiced in a university health center, and its association with patient understanding, self-efficacy, and satisfaction. *Patient Education and Counseling*. <https://doi.org/10.1016/j.pec.2021.04.041>
 8. Stefu, J., Slavych, B.K., & **Zraick, R.I.** (2021). Patient-reported outcome measures in voice: An updated readability analysis. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2021.01.028>
 9. Slavych, B., **Zraick, R.I.**, & Rulemon, A. (2021). Voice-related patient-reported outcome measures for use with adults. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2021.09.032>
 10. **Zraick, R.I.**, Azios, M., Handly, M.M., Bellon-Harn, M.L., & Manchaiah, V. (2021). Quality and readability of internet information about stuttering. *Journal of Fluency Disorders*. <https://doi.org/10.1016/j.jfludis.2020.105824>
 11. **Zraick, R.I.** (2020). Standardized patients in communication sciences and disorders: Past, present and future directions. *Teaching and Learning in Communication Sciences and Disorders*. <https://doi.org/10.30707/TLCSD4.3/KHSI3441>
 12. Engelhoven, A., **Zraick, R.I.**, Bursac, Z., Tulunay-Ugur, O., & Hadden, K. (2020). The effects of self-esteem, coping, and voice-related quality of life on communicative participation before and after Botox® treatment for spasmodic dysphonia. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2020.03.020>
 13. Slavych, B., **Zraick, R.I.**, Bursac, Z., Tulunay-Ugur, O., & Hadden, K. (2019). An investigation of the relationship between adherence to voice therapy for muscle tension dysphonia and employment, social support, and life satisfaction. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2019.10.015>
 14. Gray, S.A., **Zraick, R.I.**, & Atcherson, S.R. (2019). Readability of IDEA part B procedural safeguards: an update. *Language, Speech and Hearing Services in the Schools*. https://doi.org/10.1044/2018_LSHSS-18-0057
 15. Towson, J.A., Taylor, M.S., Tucker, J., Donehower, C., Pabian, P., & **Zraick, R.I.** (2018). Impact of virtual simulation and coaching on the interpersonal collaborative communication skills of speech-language pathology students: A pilot study. *Teaching and Learning in Communication Sciences and Disorders*. <https://doi.org/10.30707/TLCSD2.2Towson>
 16. Nicholson, N.N., Atcherson, S.R., Martin, P., Spragins, M.G., Schlagenhaut, L., & **Zraick, R.I.** (2016). Readability, user-friendliness, and key content analysis of newborn hearing screening brochures. *Journal of Early Hearing Detection and Intervention*. <https://doi.org/10.15142/T36C7N>
 17. Rangarathnam, B., McCullough, G.H., Pickett, H., **Zraick, R.I.**, Tulunay-Ugur, O.E., & McCullough, K. (2015). Telepractice versus in-person delivery of voice therapy for primary muscle tension dysphonia. *American Journal of Speech-Language Pathology*. https://doi.org/10.1044/2015_AJSLP-14-0017
 18. Atcherson, S.R., Delaune, A.E., Hadden, K., **Zraick, R.I.**, Kelly-Campbell, R.J., Minaya, C.P. (2014). A computer-based readability analysis of consumer materials on the American Speech-Language-Hearing Association website. *Contemporary Issues in Communication Science and Disorders*. https://doi.org/10.1044/cicsd_41_S_12
 19. **Zraick, R.I.**, Harten, A.C., & Hagstram, F.H. (2014). Interprofessional education: A primer for training future clinicians. *American Speech-Language Hearing Association Perspectives on Issues in Higher Education*. <https://doi.org/10.1044/aihe17.2.39>
 20. Atcherson, S.R., **Zraick, R.I.**, & Hadden, K. (2013). A need for health literacy curriculum: Knowledge of health literacy among U.S. audiologists and speech- language pathologists in Arkansas. *Education for Health*. <https://doi.org/10.4103/1357-6283.120699>
 21. Slavych, B.S., Engelhoven, A.E., & **Zraick, R.I.** (2013). Quality of life of persons with voice disorders: A review of patient-reported outcome measures. *International Journal of Therapy and Rehabilitation*. <https://doi.org/10.12968/ijtr.2013.20.6.308>
 22. Atcherson, S.R., Richburg, C.M., **Zraick, R.I.**, & George, C.M. (2013). Readability of questionnaires assessing listening difficulties associated with (central) auditory processing disorders. *Language, Speech and Hearing Services in Schools*. [https://doi.org/10.1044/0161-1461\(2012\)11-0055](https://doi.org/10.1044/0161-1461(2012)11-0055)

23. **Zraick, R.I.**, Smith-Olinde, L.S., & Shotts, L. (2012). Adult normative data for the KayPentax Phonatory Aerodynamic System Model 6600. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2011.01.006>
24. **Zraick, R.I.** (2012). A review of the use of standardized patients in speech pathology clinical education. *International Journal of Therapy and Rehabilitation*. <https://doi.org/10.12968/ijtr.2012.19.2.112>
25. **Zraick, R.I.** & Atcherson, S.R. (2012). Readability of patient-reported outcome questionnaires for use with persons with dysphonia. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2011.01.009>
26. **Zraick, R.I.**, Atcherson, S.R., & Brown, A.M. (2012). Readability of patient-reported outcome questionnaires for use with persons who stutter. *Journal of Fluency Disorders*. <https://doi.org/10.1016/j.jfludis.2011.10.004>
27. **Zraick, R.I.**, Atcherson, S.R., & Ham, B.K. (2012). Readability of patient-reported outcome questionnaires for use with persons with swallowing disorders. *Dysphagia*. <https://doi.org/10.1007/s00455-011-9373-x>
28. Pace, C.P., Atcherson, S.R. & **Zraick, R.I.** (2012). A computer-based readability analysis of patient-reported outcome questionnaires related to oral health quality of life. *Patient Education and Counseling*. <https://doi.org/10.1016/j.pec.2012.05.010>
29. McCullough, G.H., **Zraick, R.I.**, Balou, S., Pickett, H.C., Rangarathnam, B., & Tulunay, O. (2012). Treatment of laryngeal hyperadduction with flow phonation: A pilot study. *Journal of Laryngology and Voice*. <https://doi.org/10.4103/2230-9748.106980>
30. Kelly-Campbell, R.J., Zimmerman, K.R., Atcherson, S.R., & **Zraick, R.I.** (2012). Readability of audiologic self-report assessment tools. *Journal of the Academy of Rehabilitative Audiology*. <https://www.audrehab.org/jara2010archives>
31. **Zraick, R.I.**, Carr, P.B., Gregg, B.A., Smith-Olinde, L., Chormley, C. & Hutton, T.J. (2011). Information units produced by persons with mild Alzheimer's disease during a picture description task. *Journal of Medical Speech-Language Pathology*. Gale Document Number: GALE | A260582934
32. Atcherson, S.R., **Zraick, R.I.**, & Brasseux, R.E. (2011). Readability of patient-reported outcome questionnaires for use with persons with tinnitus. *Ear and Hearing*. <https://doi.org/10.1097/AUD.0b013e3182134654>
33. **Zraick, R.I.**, Kempster, G.B., Connor, N.P, Thibault, S., Klaben, B.K., Bursac, Z., Thrush, C.R., & Glaze, L.E. (2011). Establishing validity of the Consensus Auditory Perceptual Evaluation of Voice. *American Journal of Speech-Language Pathology*. [https://doi.org/10.1044/1058-0360\(2010\)09-0105](https://doi.org/10.1044/1058-0360(2010)09-0105)
34. **Zraick, R.I.**, O'Neill, A., Robinson, G.C., McWeeny, E. & Hutton, T.J. (2010). Training speech-language pathology graduate clinicians to administer the National Institutes of Health Stroke Scale. *International Journal of Therapy and Rehabilitation*. <https://doi.org/10.12968/ijtr.2010.17.8.49289>
35. Vinson, K.N., **Zraick, R.I.**, & Ragland, F.J. (2010). Injection versus medialization laryngoplasty for the treatment of unilateral vocal fold paralysis: follow-up at six months. *Laryngoscope*. <https://doi.org/10.1002/lary.20982>
36. Rosen, C., Gartner-Schmidt, J., Casiano, R., Anderson, T.D., Johnson, F.L., Remacle, M., Sataloff, R., Abitbol, J., Shaw, G., Archer, S. & **Zraick, R.I.** (2009). Vocal fold augmentation with Calcium Hydroxylapatite (CaHA): Twelve-month report. *Laryngoscope*. <https://doi.org/10.1002/lary.20126>
37. **Zraick, R.I.** & Risner, B.Y. (2008). Assessment of quality of life in persons with voice disorders. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 16, 188–193. <https://doi.org/10.1097/moo.0b013e3182feb10>
38. Morgan, J., **Zraick, R.I.**, Walker, A., Bowen, T. & Johnson, F. (2007). Injection vs. medialization laryngoplasty for the treatment of unilateral vocal fold paralysis. *Laryngoscope*. <https://doi.org/10.1097/MLG.0b013e318137385e>
39. **Zraick, R.I.**, Risner, B.Y., Smith-Olinde, L., Gregg, B.A., Johnson, F.L., & McWeeny, E.K. (2007). Patient versus partner perception of voice handicap. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2006.06.006>
40. **Zraick, R.I.**, Gregg, B.A., & Whitehouse, E.L. (2006). Speech and voice characteristics of geriatric speakers: A review of the literature and a call for research and training. *Journal of Medical Speech-Language Pathology*. link.gale.com/apps/doc/A151704912/HRCA?u=fcla_main&sid=HRCA&xid=b446f54e
41. **Zraick, R.I.**, Gentry, M.A., Smith-Olinde, L., & Gregg, B.A. (2006). The effect of speaking context on elicitation of habitual pitch. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2005.08.008>
42. **Zraick, R.I.**, Wendell, K.W., & Smith-Olinde, L. (2005). The effect of speaking task on perceptual judgment of the severity of dysphonic voice. *Journal of Voice*.

- <https://doi.org/10.1016/j.jvoice.2004.08.009>
43. **Zraick, R.I.**, Birdwell, K.Y., & Smith-Olinde, L.K. (2005). The effect of speaking sample duration on determination of habitual pitch. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2004.01.010>
 44. **Zraick, R.I.**, Marshall, W.C., Smith-Olinde, L., & Montague, J.C. (2004). The effect of task on determination of habitual loudness. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2003.09.005>
 45. **Zraick, R.I.**, Davenport, D.J., Tabbal, S.D., Hicks, G.S., Hutton, T.J., & Patterson, J. (2004). Reliability of speech intelligibility ratings using the Unified Huntington's Disease Rating Scale. *Journal of Medical Speech-Language Pathology*. link.gale.com/apps/doc/A114594312/AONE?u=anon~5c780503&sid=googleScholar&xid=46ec2362
 46. **Zraick, R.I.**, Dennie, T.M., Tabbal, S.D., Hutton, T.J., Hicks, G.S., & O'Sullivan, P. (2003). Reliability of speech intelligibility ratings using the Unified Parkinson's Disease Rating Scale. *Journal of Medical Speech-Language Pathology*. link.gale.com/apps/doc/A112687822/HRCA?u=fcla_main&sid=HRCA&xid=70e87e77
 47. **Zraick, R.I.**, Allen, R.M. & Johnson, S.B. (2003). The use of standardized patients to teach and test interpersonal and communication skills with students in Speech-Language Pathology. *Advances in Health Sciences Education*. <https://doi.org/10.1023/A:1026015430376>
 48. **Zraick, R.I.**, Keyes, M., Montague, J. & Keiser, J. (2002). Mid-basal-to-ceiling versus mid- ceiling-to-basal elicitation of maximum phonational frequency range. *Journal of Voice*. [https://doi.org/10.1016/S0892-1997\(02\)00103-0](https://doi.org/10.1016/S0892-1997(02)00103-0)
 49. **Zraick, R.I.**, & Skaggs, S.D., & Montague, J.C. (2000). The effect of task on determination of habitual pitch. *Journal of Voice*. [https://doi.org/10.1016/S0892-1997\(00\)80005-3](https://doi.org/10.1016/S0892-1997(00)80005-3)
 50. **Zraick, R.I.**, Liss, J.M., Dorman, M.F., Case, J.L., LaPointe, L.L., & Beals, S.P. (2000). Multidimensional scaling of nasal voice quality. *Journal of Speech and Hearing Research*. <https://doi.org/10.1044/jslhr.4304.989>
 51. **Zraick, R.I.**, & Liss, J.M. (2000). A comparison of equal-appearing interval scaling and direct magnitude estimation of nasal voice quality. *Journal of Speech and Hearing Research*. <https://doi.org/10.1044/jslhr.4304.979>
 52. **Zraick, R.I.**, Nelson, J.C., Montague, J.C., & Monoson, P.K. (2000). The effect of task on determination of maximum phonational frequency

range. *Journal of Voice*.

[https://doi.org/10.1016/S0892-1997\(00\)80022-3](https://doi.org/10.1016/S0892-1997(00)80022-3)

53. **Zraick, R.I.**, LaPointe, L.L., Case, J.L. & Duane, D.D. (1993). Acoustic correlates of vocal quality in individuals with spasmodic torticollis. *Journal of Medical Speech-Language Pathology*, 4, 261-270.
54. **Zraick, R.I.**, & Boone, D.R. (1991). Spouse attitudes toward the person with aphasia. *Journal of Speech and Hearing Research* <https://doi.org/10.1044/jshr.3401.123>

TEXTBOOKS

1. Boone, D.R., McFarlane, S.C., Von Berg, S.L. & **Zraick, R.I.** (2019). *The Voice and Voice Therapy* (10th edition). New York: Pearson.
2. Boone, D.R., McFarlane, S.C., Von Berg, S.L. & **Zraick, R.I.** (2013). *The Voice and Voice Therapy* (9th edition). New York: Pearson.
3. Boone, D.R., McFarlane, S.C., Von Berg, S.L. & **Zraick, R.I.** (2009). *The Voice and Voice Therapy* (8th edition). New York: Allyn and Bacon.

TEXTBOOK CHAPTERS

1. Hadden, K.H., **Zraick, R.I.**, & Atcherson, S.R. (2016). Health Literacy Implications for Head and Neck Cancer Patients. In B. Hoffman Ruddy, H. Ho, C. Sapienza & J.L. Lehman (Eds.), *Cases in Head and Neck Cancer* (pp. 239-248). San Diego, CA: Plural Publishing.
2. Jacobson, B.H. & **Zraick, R.I.** (2011). Patient-Reported Outcomes in Voice Disorders. In E. Ma & E. Yiu (Eds.), *Handbook of Voice Assessments* (pp. 331- 351). San Diego, CA: Plural Publishing.
3. **Zraick, R.I.** (2009). Voice Use Reduction for the Treatment of Chronic Dysphonia. In J.C Stemple & L.B. Thomas (Eds.), *Voice Therapy: Clinical Studies* (pp. 93-98). San Diego, CA: Plural Publishing.
4. **Zraick, R.I.** & LaPointe, L.L. (2008). Hyperkinetic Dysarthria. In M.R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders* (2nd edition) (pp. 152-165). New York: Thieme Medical Publishers.
5. **Zraick, R.I.** (2008). Pick's Disease. In M.R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders* (2nd edition) (pp. 369-370). New York: Thieme Medical Publishers.
6. Matthews, C., & **Zraick, R.I.** (2008). Wilson's Disease. In M.R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders* (2nd edition) (pp. 404- 406). New York: Thieme Medical Publishers.
7. **Zraick, R.I.** & LaPointe, L.L. (1997). Hyperkinetic Dysarthria. In M.R. McNeil (Ed.), *Clinical*

Management of Sensorimotor Speech Disorders (pp. 249-260). New York: Thieme Medical Publishers.

NON-PEER REVIEWED PUBLICATIONS

1. Dudding, C. C., Brown, D.K., Estis, J., Szymanski, C., & **Zraick, R.I.** (2018). Best practices in healthcare simulations in communication sciences and disorders. <http://www.capcsd.org/wp-content/uploads/2018/05/Simulation-Guide-Published-May-18-2018.pdf>
2. **Zraick, R.I.** (2014). The Use of Standardized Patients in Communication Sciences and Disorders. ASHA Access Academics and Research webzine. Accessible at: <https://academy.pubs.asha.org/2014/04/the-use-of-standardized-patients-in-communication-sciences-and-disorders/>
3. **Zraick, R.I.** (2008). Commentary on Lewis et al.: Use of simulated patients in development of physiotherapy students' interpersonal skills. International Journal of Therapy and Rehabilitation, 15 (5), 221-229.
4. **Zraick, R.I.** (2004). Playacting with a purpose: Using standardized patients to assess clinical skills. The ASHA Leader, p. 22.
5. Katz, R.C., **Zraick, R.I.**, & Horner, J. (2003). Research evidence, practice guidelines, and ethics. ANCDS Newsletter, 1 (2), 2.
6. **Zraick, R.I.** (2002). The Voice Diagnostic Protocol (S. Awan), Aspen Publications, 2001. Book review for Topics in Language Disorders, 22 (2), 85-86.
7. **Zraick, R.I.** (2002). The use of standardized patients in Speech-Language Pathology. American Speech-Language Hearing Association Perspectives on Issues in Higher Education, 5 (1), 14-16.
8. **Zraick, R.I.**, & Allen, R.M. (2002). Using standardized patients to train and test Speech-Language Pathology students. The Innovative Professor in Communication Disorders: The American Speech-Language Hearing Association Perspectives on Issues in Higher Education, 1, 17-19.
9. **Zraick, R.I.** (1999). Clinical Corner: Voice Facilitating Techniques. Quarterly Newsletter of the Arkansas Speech and Hearing Association, 37.
10. **Zraick, R.I.** (1998). Perceptual scaling of synthesized nasal vowels. Dissertation Abstracts International: Section B: The Sciences & Engineering, 59(1-B), 191. University Microfilms International.
11. **Zraick, R.I.** (1997). The Positive Role of Mentoring (Guest Editorial). ASHA, 39 (3), 10.

PEER-REVIEWED RESEARCH ARTICLES UNDER REVIEW OR REVISION

1. Schellhase, K.C., McIntosh, A.A., Jennings-Collier, I.I.A., Dininny, M.D., **Zraick, R.I.**, & Mangum, L.C. (2022). Readability of postconcussion home care instructions. International Journal of Athletic Training and Therapy. MS# IJATT 2023-0029. Under revision.
2. Göksu, Y., Kaya, T., **Zraick, R.I.**, Konrat, A., & Cangı, M.E. (2022). Reliability and validity of the Turkish Voice Handicap Index-Partner (VHI-P-TR). Journal of Communication Disorders. MS#: JCD-D-23-00038. Under revision.

GRANTS AND CONTRACTS

1. **Zraick, R.I.** (2007). Phonatory Airflow System (PAS) Normative Study. Contract amount = \$13,000. Agency: KayPentax Corp., Lincoln Park, NJ.
2. **Zraick, R.I.** (2006). The CAPE-V Validation Study. Contract amount = \$3000. Agency: American Speech-Language Hearing Association.
3. **Zraick, R.I.** & Gregg, B.A. (2005). An Investigation of the Speech and Voice of Persons with Alzheimer's Disease. Direct costs = \$7500. Granting Agency: UAMS Memory Research Center (funded through grant P30 AG 19606 from the National Institute on Aging).
4. **Zraick, R.I.** (2003). Using Standardized Alzheimer's Disease Patients to Teach Administration of the Mini-Mental State Exam by Speech-Language Pathology Graduate Students. Direct Costs = \$2150. Granting Agency: Arkansas Geriatric Education Center (funded through HRSA grant # 1 D31 HP80009 01).
5. **Zraick, R.I.** (2002). Clinical Training of Allied Health Professions Students Using Standardized Alzheimer's Disease Patients and Families. Direct Costs = \$8,974. Granting Agency: Arkansas Geriatric Education Center (funded through HRSA grant # 1 D31 HP 80009 01).
6. **Zraick, R.I.** (2001). The Use of Standardized Alzheimer's Disease Patients and Families to Teach and Test Clinical Management by Speech-Language Pathology Graduate Students. Direct Costs = \$13,702. Granting Agency: The UAMS Alzheimer's Disease Center (funded through grant P30 AG 19606 from the National Institute on Aging).
7. **Zraick, R.I.** (2001). The Use of Standardized Patients to Teach Clinical Interviewing Skills to

Health-Related Professions Students. Direct costs = \$2400. Granting Agency: Arkansas Geriatric Education Center (funded through HRSA grant # 1 D31 HP 80009 01).

8. **Zraick, R.I.**, & Hutton, T. (2000). The Use of Standardized Patient Videotaped Interactions to Teach Principles of Clinical Management. Direct costs = \$1650. Granting Agency: UALR Chancellor's Office.
9. **Zraick, R.I.** (1999). The Use of Standardized Aphasic Patients to Teach and Assess Clinical Skills of Speech-Language Pathology Graduate Students. Direct costs = \$5000. Granting Agency: The American Speech-Language-Hearing Foundation (New Investigator Award).

INTERNATIONAL CONFERENCE PRESENTATIONS

1. Veerling, S., Atcherson, S.R., & **Zraick, R.I.** (2023, April). Evaluation of Readability and Comprehensibility of PROMs for Childhood Listening Difficulties. Poster at the annual conference of the American Academy of Audiology, Seattle, WA.
2. **Zraick, R.I.** & Slavych, B.K. (2023, April). Infusing Health Literacy Education and Research into the CSD Curriculum. Seminar at the annual conference of the Council of Academic Programs in Communication Sciences and Disorders, Orlando, FL.
3. Dudding, C.C. & **Zraick, R.I.** (2023, April). The Use of Simulation in CSD: A Follow up Survey. Poster at the annual conference of the Council of Academic Programs in Communication Sciences and Disorders, Orlando, FL.
4. **Zraick, R.I.** (2023, January). Portrayal of Communication Disorders by Standardized Patients. Hot Topic presentation at the Annual Conference of the Society of Simulation in Healthcare, Orlando, FL.
5. **Zraick, R.I.** (2022, November). The Use of Human Simulated Participants in Communication Sciences and Disorders: Past, Present and Future Directions. Invited 2-part seminar at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
6. Slavych, B.K., **Zraick, R.I.** & Steiner, S. (2022, November). Evaluation of Online Consumer Information Related to Dysphagia. Technical paper at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
7. Watson, C., Atcherson, S.R., & **Zraick, R.I.** (2022, March). Evaluation of Readability and

Comprehensibility of Tinnitus Patient-Reported Outcome Measures. Poster presented at the Annual Convention of the American Academy of Audiology, St. Louis, MO.

8. **Zraick, R.I.** (2022, January). The Use of Standardized Patients Portraying Communication Disorders. Snapshot seminar at the Annual Conference of the Society of Simulation in Healthcare. Held online due to COVID-19 pandemic.
9. Pabian, P., Cox, T., Preston, M. & **Zraick, R.I.** (2021, October). A Mixed-Methods Analysis of the Impact of an Interprofessional Education Curriculum on the Clinical Practice of Physical Therapy Doctoral Students. Seminar at the Educational Leadership Conference 2021, Atlanta, GA.
10. Quintero, S., Rosa-Lugo, L.I., & **Zraick, R.I.** (2021, July). Readability of IDEA Procedural Safeguards Written in Spanish. Poster presented at the ASHA Schools Connect Conference. Held online due to COVID-19 pandemic.
11. **Zraick, R.I.** (2021, June). The Use of Standardized Patients in Communication Sciences and Disorders: Present and Future Directions. Snapshot seminar at the Annual Conference of the Association of Standardized Patient Educators. Held online due to COVID-19 pandemic.
12. Dudding, C.C., Perry, J., Tharpe, A.M., & **Zraick, R.I.** (2021, May). Cutting Edge Technology and the Future of the CSD Sciences. Invited panel presentation at the ASHA Teaching Symposium on Foundational CSD Science Courses.
13. **Zraick, R.I.** (2020, November). Standardized Patients in Communication Sciences and Disorders: Past, Present and Future Directions. Seminar at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA. (canceled due to COVID-19).
14. **Zraick, R.I.**, & Dudding, C.C. (2020, November). The Use of Hybrid Simulation in Communication Sciences and Disorders. Seminar at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA. (canceled due to COVID-19).
15. Quintero, S., Rosa-Lugo, L.I., & **Zraick, R.I.** (2020, November). Readability of IDEA Procedural Safeguards Written in Spanish. Poster at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA. (canceled due to COVID-19).
16. Manchaiah, V. & **Zraick, R.I.** (2019, November). Health Literacy and Health Communication: Evidence and Principles to Guide Students, Researchers and Clinicians. Invited seminar at the Annual Convention of the American Speech-

- Language-Hearing Association, Orlando, FL.
17. **Zraick, R.I.**, & Neville, A. (2019, November). Clear Communication Practices for Healthcare Professionals. Seminar at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
 18. van Gampelaere, J. & **Zraick, R.I.** (2019, November). Readability of Quality of Life Instruments for Persons with Complex Communication Needs. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
 19. Gray, S., Bislick, L., Engelhoven, A., & **Zraick, R.I.** (2019, November). Patient Report and Aphasia: Integrating Readability and Clinical Utility. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
 20. Gray, S., Bislick, L., Engelhoven, A., & **Zraick, R.I.** (2018, November). Readability of Patient Reported Outcome Measures for persons With Aphasia. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Boston, MA.
 21. Resnick, P., Kent-Walsh, J., **Zraick, R.I.**, Schwartz, J., Bai, H., & Williams, K. (2018, November). Augmentative & Alternative Communication Assessment: Outcomes of a Quasi-Experimental Study Examining Symbol Type & Iconicity. Seminar presented at the Annual Convention of the American Speech-Language-Hearing Association, Boston, MA.
 22. Hirn, J., Towson, J., Green, K., & **Zraick, R.I.** (2018, November). Analysis of Preschool Children's Responses & Initiations During Dialogic Book Reading. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Boston, MA. Seminar presented at the Annual Convention of the American Speech-Language-Hearing Association, Boston, MA.
 23. Dudding, C., Szymanski, C., Brown, D., **Zraick, R.I.**, & Estis, J. (2018, April). A Guide to Best Practices in Simulations in CSD. Seminar presented at the Annual Conference of the Council of Academic Programs in Communication Sciences and Disorders, Austin, TX.
 24. Gray, S.A., **Zraick, R.I.**, & Atcherson, S.R. (2017, November). Issues in Health Literacy: Examining Readability of IDEA Part B Procedural Safeguards. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
 25. Ferrara, L., Whiteside, J., **Zraick, R.I.**, & Wharton, T. (2017, November). The Psychosocial Effects of Aphasia on The Caregiver. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
 26. Williams, S., Dudding, C., **Zraick, R.I.**, & Ondo, K. (2017, March). Simulation Petting Zoo. Seminar presented at the Annual Conference of the Council of Academic Programs in Communication Sciences and Disorders, New Orleans, LA.
 27. Resnick, P., Knox, D., Whiteside, J., Harvey, C., Hostetler, J., Matura, J., & **Zraick, R.I.** (2016, November). Calibration of Clinical Faculty in Assessing Clinical Skills Across Continuum of Graduate Education. Seminar presented at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
 28. Williams, S., Dudding, C., **Zraick, R.I.**, & Ondo, K. (2016, November). Simulation Petting Zoo. Seminar presented at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
 29. Resnick, P., Kent-Walsh, J., Schwartz, J., **Zraick, R.I.**, & Bai, H. (2016, November). (November, 2016). Augmentative & Alternative Communication Assessment: Examining Symbol Format & Iconicity. Technical paper presented at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
 30. Engelhoven, A.E., **Zraick, R.I.**, Tulunay-Ugur, O., Hadden, K.H., Bursac, Z. (2016, November). (November, 2016). Effects of Self-Esteem, Coping & Voice-Related QOL on Communicative Participation Before & After Botox Treatment. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
 31. Towson, J., Taylor, M., Donehower, C., Tucker, J., **Zraick, R.I.**, Pabian, P., & Knox, D. (2016, November). Impact of Virtual Simulation on the Interprofessional Communication Skills of Speech-Language Pathology Students. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
 32. Engelhoven, A.E., **Zraick, R.I.**, Tulunay-Ugur, O.E., Bursac, Z., Hadden, K.B., & Guyette, T.W. (2015, November). The Effects of Self-Esteem, Coping, and Voice-Related Quality of Life on Communicative Participation Before and After Botox Treatment. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Denver, CO.
 33. Carson, C., Ryalls, J., Luna-Webb, S., & **Zraick, R.I.** (2015, November). Comparison of Acoustic Software Programs in Discrimination Between Those with Friedrich's Ataxia and Normal Peers. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Denver, CO.

34. Tharpe, A.M. & **Zraick, R.I.** (2014, November). Development and Use of Standardized Patients In Your Clinical Education Program. Invited speaker for SIG 10 sponsored seminar at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
35. Nicholson, N., Martin, P., Atcherson, S.R., **Zraick, R.I.**, & Schlagenhaf, L. (2014, April). Readability and Usability of EHDl Newborn Hearing Screening Brochures. Poster presented at the 2014 Early Hearing Detection and Intervention Convention, Jacksonville, FL.
36. Matthies, M., Speakman, E., Tharpe, A.M., Wellman, B., Williams, S., & **Zraick, R.I.** (2013, November). Cutting Edge Graduate Education: Interprofessional Education and Simulated Patients. Invited panelist for SIG 10 sponsored seminar at the Annual Convention of the American Speech-Language-Hearing Association, Chicago, IL.
37. Matthies, M., Speakman, E., Tharpe, A.M., Wellman, B., Williams, S., & **Zraick, R.I.** (2013, November). Cutting Edge Graduate Education: Interprofessional Education and Simulated Patients. Invited panelist for SIG 10 sponsored seminar at the Annual Convention of the American Speech-Language-Hearing Association, Chicago, IL.
38. **Zraick, R.I.**, Shapley, K.L., McWeeny, E.K., Brazear, L., Clark, S., & Tulunay- Ugur, O.E. (2013, April). The Effect of Number of Speaking Trials on Speech Aerodynamic Measures Obtained from Geriatric Speakers with Normal Voice. Poster at the American Laryngological Association Annual Meeting.
39. Montero, M., Rangarathnam, B., **Zraick, R.I.**, & Tulunay-Ugur, O.E. (2013, April). Speech aerodynamic measurements after balloon dilatation in subglottic stenosis. Poster at the American Laryngological Association Annual Meeting.
40. Schlagenhaf, L., Atcherson, S.R., Nicholson, N., & **Zraick, R.I.** (2013, April). Readability of EHDl Parent Information Materials. Poster presented at the 2013 Early Hearing Detection and Intervention Convention, Glendale, AZ.
41. Schlagenhaf, L., Atcherson, S.R., Nicholson, N., & **Zraick, R.I.** (2013, April). Readability of EHDl Parent Information Materials. Poster presented at the 2013 Early Hearing Detection and Intervention Convention, Glendale, AZ.
42. Spragins, M., Atcherson, S.R., Nicholson, N., & **Zraick, R.I.** (2013, April). User Friendliness of EHDl Parent Information Materials. Poster presented at the 2013 Early Hearing Detection and Intervention Convention, Glendale, AZ.
43. Johnson, J., Atcherson, S.R., & **Zraick, R.I.** (2013, April). Increasing Readability and User-Friendliness in Patient Reports. Poster presented at the American Academy of Audiology Convention and Exposition, Anaheim, CA.
44. **Zraick, R.I.** (2012, November). The Use of Standardized Patients in Clinical Skills Education. Seminar at the Annual Convention of the American Speech-Language-Hearing Association, Atlanta, GA.
45. **Zraick, R.I.**, & Atcherson, S.R. (2012, November). Health Literacy and the Role of the CSD Professional. Seminar at the Annual Convention of the American Speech-Language-Hearing Association, Atlanta, GA.
46. Atcherson, S.A. & **Zraick, R.I.** (2012, November). Readability of Health Materials in Communication Disorders. Poster at the Annual Convention of the American Speech- Language-Hearing Association, Atlanta, GA.
47. Atcherson, S. R. & **Zraick, R.I.** (2011, April). Can You Read Me Now? Improving Readability of Patient Print Materials. Paper at the American Academy of Audiology Annual Convention and Exposition, Chicago, IL.
48. **Zraick, R.I.**, Pickett, H., Guyette, T.W., Gregg, B.A., & McWeeny, E. (2009, November). Voice Use Reduction as a Treatment for Chronic Dysphonia: A Case Study. Poster at the Annual Convention of the American Speech-Language- Hearing Association, New Orleans, LA.
49. **Zraick, R.I.**, Beatty, J.B., Robinson, G.C., & McWeeny, E. (2009, November). Development of a Communication-Related Quality of Life Scale for Laryngectomees. Technical Paper at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
50. **Zraick, R.I.**, Shotts, L., & Jones, J. (2009, November). KayPENTAX Phonatory Aerodynamic System (PAS) Adult Normative Data. Technical Paper at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
51. Gregg, B.A., Lyle, C.S., **Zraick, R.I.**, & Smith-Olinde, L.S. (2009, November). Stuttering-Like Dysfluencies in the Speech of Patients with Parkinson's Disease. Poster at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
52. **Zraick, R.I.**, Pickett, H., Guyette, T.W., Gregg, B.A., & McWeeny, E. (2009, June). Voice Use Reduction as a Treatment for Chronic Dysphonia: A Case Study. Poster at the Voice Foundation's 38th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
53. Vinson, K., **Zraick, R.I.**, & Johnson, F.L. (2009, May). Injection vs. Medialization Laryngoplasty for the Treatment of Unilateral Vocal Fold Paralysis:

- Follow-up at Six Months. Poster at the 112th Annual Combined Otolaryngology Spring Meetings (COSM), Phoenix, AZ.
54. **Zraick, R.I.**, Klaben, B., Connor, N., Thiebault, S., Kempster, G., Glaze, L., Thrush, C., & Bursac, Z. (2007, November). Results of the CAPE-V Validation Study. Seminar at the Annual Convention of the American Speech-Language-Hearing Association, Boston, MA.
 55. Boone, D.R. & **Zraick, R.I.** (2007, October). Selection and Use of Auditory Feedback in Voice Therapy. Seminar at the XVI Annual Pacific Voice/UCLA Voice Conference, Los Angeles, CA.
 56. Kempster, G., Shrivastav, R. & **Zraick, R.I.** (2006, November). Now Hear This: Perceptual Evaluation of Voice. Invited short course (SID 3) at the Annual Convention of the American Speech-Language-Hearing Association, Miami Beach, FL.
 57. **Zraick, R.I.**, & Jacobson, B.H. (2008, November). Quality of Life in Persons with Voice Disorders. Seminar at the Annual Convention of the American Speech- Language-Hearing Association, Chicago, IL.
 58. Seminar at the Annual Convention of the American Speech-Language- Hearing Association. **Zraick, R.I.**, & Gregg, B.A. (2006, November). The Effect of Divided Attention on Speech Fluency of Persons with Alzheimer's Disease. Poster at the Annual Convention of the American Speech-Language-Hearing Association, Miami Beach, FL.
 59. **Zraick, R.I.**, Risner, B.Y., Gregg, B.A., Johnson, F.L. & McWeeny, E. (2006, November). Patient Versus Partner Perception of Voice Handicap. Poster at the Annual Convention of the American Speech-Language-Hearing Association, Miami Beach, FL.
 60. Morgan, J.E., **Zraick, R.I.**, Griffin, A.W., Bowen, T.L. & Johnson, F.L. (2006, May). Injection vs. Medialization Laryngoplasty for the Treatment of Unilateral Vocal Fold Paralysis. Poster at the 109th Annual Combined Otolaryngology Spring Meetings (COSM), Chicago, IL.
 61. **Zraick, R.I.** (2002, November). Using Standardized Alzheimer's Disease Patients for Clinical Teaching and Testing. Technical paper at the Annual Convention of the American Speech-Language- Hearing Association, Atlanta, GA.
 62. **Zraick, R.I.**, & Liss, J.M., (2002, November). Individual Differences in the Perception of Nasality. Poster at the Annual Convention of the American Speech- Language-Hearing Association, Atlanta, GA.
 63. **Zraick, R.I.**, Blake, S., Jones, L., Monoson, P.K., Hicks, G., Harmon, A., & O'Sullivan, P. (2002, November). Reliability of Ratings of Tracheoesophageal Speech. Poster at the Annual Convention of American Speech-Language-Hearing Association, Atlanta, GA.
 64. **Zraick, R.I.**, Dennie, T.M., Tabbal, S.D., Hutton, T.J., Hicks, G.S. & O'Sullivan, P. (2002, November). Speech Ratings Using the Unified Parkinson's Disease Rating Scale. Poster at the Annual Convention of the American Speech- Language-Hearing Association, Atlanta, GA.
 65. **Zraick, R.I.**, Sikes, L.L., Hutton, T.J., & Davis, P.N. (2002, March). The Effect of Visual Input on the Differential Diagnosis of Dysarthria Subtypes. Poster at the Eleventh Biennial Conference on Motor Speech Disorders, Williamsburg, VA.
 66. **Zraick, R.I.**, & Hutton, T.J. (2001, November). Using Standardized Patients for Teaching Clinical Management to Undergraduate Students. Technical paper at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
 67. **Zraick, R.I.** (2000, November). The Use of Standardized Patients to Teach and Assess Clinical Skills of Speech-Language Pathology Graduate Students. Technical paper at the Annual Convention of the American Speech-Language-Hearing Association, Washington, D.C.
 68. **Zraick, R.I.** (April, 1999). Perception of Nasal Voice Quality. Technical paper at the Annual Meeting of the American Cleft Palate-Craniofacial Association, Scottsdale, AZ.
 69. **Zraick, R.I.**, Liss, J.M., Dorman, M. F., Case, J.L., LaPointe, L.L., & Beals, S. P. (1998, November). Perception of Nasal Voice Quality. Technical paper at the Annual Convention of the American Speech-Language-Hearing Association, San Antonio, TX.
 70. **Zraick, R.I.**, & Mowrer, D.E. (November, 1994). A Descriptive Case Study of Sudden Onset Adult Stuttering. Paper presented at the Annual Convention of the American Speech- Language-Hearing Association, New Orleans, LA.
 71. **Zraick, R.I.**, LaPointe, L.L., Case, J.L., & Duane, D.D. (1993, November). Acoustic Correlates of Vocal Quality in Individuals with Spasmodic Torticollis. Poster at the Annual Convention of the American Speech-Language-Hearing Association, Anaheim, CA.

REGIONAL CONFERENCE PRESENTATIONS

1. **Zraick, R.I.** (2012, February). Patient-Reported Outcome Measures in Voice. Seminar at the 42nd Annual Mid-South Conference on Communicative Disorders, Memphis, TN.
2. Atcherson, S. R. & **Zraick, R.I.** (2011, February). Can You Read Me Now? Readability of Patient-Related Materials in Communication Disorders.

- Seminar at the 41st Annual Mid-South Conference on Communicative Disorders, Memphis, TN.
3. **Zraick, R.I.**, & Jacobson, B.H. (2010, February). Quality of Life in Persons with Voice Disorders. Seminar at the 40th Annual Mid-South Conference on Communicative Disorders, Memphis, TN.
 4. **Zraick, R.I.** (2006, February). Speech and Voice Characteristics in Geriatric Speakers. Seminar at the 36th Annual Mid-South Conference on Communicative Disorders, Memphis, TN.
 5. **Zraick, R.I.** (1999, March). Do You See What I Hear? - Movement Disorders and the Dysarthrias. Seminar at the 29th Annual Mid-South Conference on Communicative Disorders, Memphis, TN. X
 6. **Zraick, R.I.**, & Case, J.L. (1999, March). Assessment of Speech and Voice in Patients with Craniofacial Anomalies. Seminar at the 29th Annual Mid-South Conference on Communicative Disorders, Memphis, TN.

STATE CONFERENCE PRESENTATIONS

1. **Zraick, R.I.**, & Miller, A.N. (2021, June). Healthcare Communication Practices for Optimal Patient Outcomes. Seminar at the Annual Convention of the Florida Speech-Language-Hearing Association, Orlando, FL.
2. **Zraick, R.I.**, & Miller, A.N. (2020, June). Healthcare Communication Practices for Optimal Patient Outcomes. Seminar at the Annual Convention of the Florida Speech-Language-Hearing Association, Orlando, FL. (canceled due to COVID-19).
3. Gray, S., **Zraick, R.I.**, & Atcherson, S.R. (2017, May). Health Literacy and the School Speech-Language Pathologist. Seminar at the Annual Convention of the Florida Speech-Language-Hearing Association, Orlando, FL.
4. **Zraick, R.I.**, & Atcherson, S.R. (2016, May). Health Literacy and the CSD Professional. Seminar at the Annual Convention of the Florida Speech-Language-Hearing Association, Orlando, FL.
5. **Zraick, R.I.**, Engelhoven, A.E., & Slavych, B.S. (2013, October). Assessing Voice-Disordered Quality of Life Across the Lifespan. Seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Little Rock, AR.
6. **Zraick, R.I.** (2013, May). Aphasia: What First Responders Should Know. One- hour seminar to attendees of the 4th Annual ARSAVES Stroke Teleconference, Little Rock, AR.
7. Atcherson, S.A., Slavych, B.K., Engelhoven, A.E., & **Zraick, R.I.** (2012, October). Why Do I Sound Old and Can't Hear Like I Used To? Seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Little Rock, AR.
8. Hadden, K., Atcherson, S.R., & **Zraick, R.I.** (2012, June). Health Literacy and Communication Sciences and Disorders. Seminar at the 6th Annual Jane LeBlanc Conference on Communication Disorders, Jonesboro, AR.
9. Atcherson, S.A. & **Zraick, R.I.** (2011, October). Health Literacy 101: A Primer for the CSD Professional. Seminar at the Annual Convention of the Arkansas Speech-Language- Hearing Association, Little Rock, AR.
10. **Zraick, R.I.** (2011, October). Voice Facilitating Approaches. Invited seminar at the Annual Convention of the Georgia Speech and Hearing Association, Athens, GA.
11. **Zraick, R.I.** (2011, February). Patient-Reported Outcomes in Voice. Invited seminar at the Annual Convention of the Georgia Speech and Hearing Association, Athens, GA.
12. **Zraick, R.I.** (2011, February). Perceptual Evaluation of Voice. Invited seminar at the Annual Convention of the Georgia Speech and Hearing Association, Athens, GA.
13. **Zraick, R.I.** (2010, October). Voice Facilitating Approaches. Invited seminar at the Annual Convention of the Tennessee Association of Audiologists and Speech Pathologists, Nashville, TN.
14. **Zraick, R.I.** (2010, October). Patient-Reported Outcomes in Voice. Invited seminar at the Annual Convention of the Tennessee Association of Audiologists and Speech Pathologists, Nashville, TN.
15. **Zraick, R.I.** (2010, October). Perceptual Evaluation of Voice. Invited seminar at the Annual Convention of the Tennessee Association of Audiologists and Speech Pathologists, Nashville, TN.
16. **Zraick, R.I.** (2008, October). Clinical Voice Measurement: Making Sense of the Numbers. Seminar at the Annual Convention of the Arkansas Speech-Language- Hearing Association, Hot Springs, AR.
17. **Zraick, R.I.** (2008, October). Quality of Life in Persons with Voice Disorders. Seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
18. **Zraick, R.I.** (2007, May). Treatment of Voice and Resonance Disorders Across the Lifespan. Seminar at the Annual Convention of the Arizona Speech-Language-Hearing Association, Scottsdale, Arizona.
19. **Zraick, R.I.** (2006, October). Speech and Voice Characteristics in Geriatric Speakers.Seminar at the Annual Convention of the Arkansas Speech-Language- Hearing Association, Hot Springs,

- Arkansas.
20. **Zraick, R.I.** (2005, October). Treatment of Voice Disorders in Adults and Children. Invited seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 21. **Zraick, R.I.** (2003, October). Evaluation and Treatment of Communication Deficits in Persons with Alzheimer's Disease. Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 22. **Zraick, R.I.** (2001, October). Diagnosis and Treatment of Voice Disorders in Adults. Invited seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 23. Keyes, M., **Zraick, R.I.**, Montague, J. & Keiser, J. (2001, October). Basal-to-Ceiling versus Ceiling-to-Basal Elicitation of Maximum Phonational Frequency Range. Poster at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 24. Sikes, L., **Zraick, R.I.**, L., Hutton, T., & Davis, P. (2001, October). Perceptual Discrimination of Dysarthria Subtypes: A Comparison of Two Methods. Poster at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 25. **Zraick, R.I.**, Zoeller, M.F., & Zraick, A.G. (2000, October). Interdisciplinary Examination of the Orofacial Mechanism. Invited seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 26. **Zraick, R.I.** (1999, October). Traumatic Brain Injury and Its Effects on Communication. Invited seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 27. **Zraick, R.I.**, Nelson, J.C., Montague, J.C., & Monoson, P.K. (1999, October). The Effect of Task on Determination of Maximum Phonational Frequency Range. Poster at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 28. **Zraick, R.I.** & Case, J.L. (1999, April). Evaluation of Speech and Voice: Patients with Craniofacial Anomalies. Invited seminar at the Annual Convention of the Arizona Speech-Language-Hearing Association, Mesa, AZ.
 29. **Zraick, R.I.** (1998, October). Patients with Craniofacial Anomalies: Assessment of Speech and Voice. Invited seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 30. **Zraick, R.I.** (1997, October). Differential Diagnosis of Dysarthria. Invited seminar at the Annual Convention of the Arkansas Speech-Language-Hearing Association, Hot Springs, AR.
 31. **Zraick, R.I.** & Case, J.L. (1996, March). Assessment of Speech and Voice in Patients with Craniofacial Anomalies. Invited seminar at the Annual Convention of the Arizona Speech-Language-Hearing Association, Tucson, AZ.
 32. **Zraick, R.I.** & Mowrer, D.E. (1995, April). Sudden Onset of Stuttering in an Adult: A Case Study. Paper presented at the Annual Convention of the Arizona Speech-Language-Hearing Association, Phoenix, AZ.
 33. **Zraick, R.I.** (1994, March). Dysarthria: Differential Diagnosis. Invited seminar at the Annual Convention of the Arizona Speech-Language-Hearing Association, Phoenix, AZ.
 34. **Zraick, R.I.**, Charlesworth, B., Gotsch, L. & Talamante, P. (1992, March). Does the Treatment Setting affect Outcome: A Comparison of Settings for Treating Persons with a CVA. Poster at the Annual Convention of the Arizona Speech-Language-Hearing Association, Phoenix, AZ.
 35. **Zraick, R.I.** & Boone, D.R. (1991, March). Spouse Attitudes Toward the Person with Aphasia. Seminar at the Annual Convention of the Arizona Speech-Language-Hearing Association, Tucson, AZ.
 36. **Zraick, R.I.** (1991, March). A Profile of the Patients Referred by a Team of Otolaryngologists to a Speech-Language Pathologist. Seminar at the Annual Convention of the Arizona Speech-Language-Hearing Association, Tucson, AZ.

Graduate Courses Taught at UCF

SPA 6211C: Voice Disorders
SPA 6236: Motor Speech Disorders

Undergraduate Courses Taught at UCF

SPA 3101: Physiological Bases of Speech and Hearing
SPA 3104: Neural Bases of Communication
SPA 4476: Speech Disorders Across the Lifespan

Graduate Courses Taught at UAMS

ASP 5252: Voice Disorders
ASP 5192: Neurogenic Speech Disorders
ASP 5093: Neurogenic Language Disorders
ASP 5073: Advanced Anatomy and Physiology for Speech and Language
ASP 5262: Cleft Palate-Craniofacial Speech Disorders
ASP 5352: Communicating with the Older Adult
ASP 6033: Doctoral Seminar in Language
ASP 6023: Doctoral Seminar in Speech
ASP 700v: Doctoral Dissertation

Undergraduate Courses Taught at UAMS

ASP 4363: Voice and Stuttering
ASP 3361: Anatomy and Physiology for Speech and Language
ASP 2360: Introduction to Speech and Hearing

Clinical Teaching at UAMS

ASP 505V: Graduate Practicum in Speech and Hearing
ASP 416V: Undergraduate Practicum in Speech and Hearing

Master's Thesis Committees at UCF

- Gray, S. (2019). Readability of Patient Reported Outcome Measures for Persons with Aphasia. Co-Directed by Lauren Bislick, Ph.D. and Amy Engelhoven, Ph.D.

Directed Non-Thesis Graduate Research Projects at UCF

- van Gampelaere, J. (2019). Readability of Quality of Life Instruments for Persons with Complex Communication Needs.

Undergraduate Honors in the Major Thesis Committees at UCF

- LaScala, J.D. (2021). The Readability of Cochlear Implants Brochures: A Potential Factor in Parent Choice. Co-directed by Janel Cosby, Ph.D. and Linda Rosa-Lugo, Ed.D.
- Atmakuri, S. (2020). An investigation into provider communication at UCF and the impact of health literacy on teach-back outcomes. Directed by Ann Miller, Ph.D.

Directed Independent Undergraduate Research Projects at UCF

- Gray, S. (2019). Readability of IDEA Part B Procedural Safeguards.
- Stefu, J. (2020). Readability of Voice-Related Patient Reported Outcomes Measures.
- Steiner, S. (2020). Readability of Consumer Websites for Persons with Swallowing Disorders.
- Dobbins, L. (2021). Readability of Patient Reported Outcomes Measures in Cleft Palate Speech.

Directed Doctoral Dissertations at UAMS

- Engelhoven, A.E., Zraick, R.I., Bursac, Z., Hadden, K., Tulunay-Ugur, O., and Guyette, T. (2016). The Effects of Self-Esteem, Coping, and Voice-Related Quality of Life on Communicative Participation Before and After Botox Treatment. (Unpublished doctoral dissertation, 2015). University of Arkansas for Medical Sciences, Little Rock, AR.

- Slavych, B.S., Zraick, R.I., Bursac, Z., Hadden, K., Tulunay-Ugur, O., and Guyette, T. (2017). Adherence to voice therapy for individuals with muscle tension dysphonia: The impact of select demographic and patient-reported variables. (Unpublished doctoral dissertation, 2017). University of Arkansas for Medical Sciences, Little Rock, AR.

Directed Doctoral Dissertation Committees at UAMS

- Rangarathnam, B. (2013). Telemedicine vs. traditional treatment for muscle tension dysphonia. Directed by Gary McCullough, Ph.D.
- Kamarunas, E. (2011). Effects of topical nasal anesthesia on flexible endoscopic examination of swallowing with sensory testing (feesst) on healthy participants. Directed by Gary McCullough, Ph.D.
- Balou, M. (2011). Videomanometric measures of head rotation and chin tuck in head & neck cancer patients. Directed by Gary McCullough, Ph.D.
- Lowry, M. (2011). An analysis of communicative participation in an elderly population. Directed by Kim McCullough, Ph.D.
- Shotts, L. (2011). The ability of temporal air pressure and airflow measures to discriminate subjects receiving velopharyngeal insufficiency surgery. Directed by Thomas Guyette, Ph.D.

Directed Master's Theses at UAMS

- Waddle, P. (Completed Spring 2013). A Survey of Allied Health Students' Knowledge of Health Literacy.
- O'Neill, A. (Completed Spring 2009). The Ability of Speech-Language Pathology Student- Clinicians to Administer the NIH Stroke Scale.
- Beatty, J. (Completed Spring 2009). Development of a Communication-Related Quality of Life Scale for Laryngectomees.
- Pickett, H. (Completed Spring 2007). The Vocal Use Reduction Program.
- Carr, P. (Completed Spring 2007). Discourse Abilities of Persons with Alzheimer's Disease.
- Risner, B. (Completed Spring 2006). Patient versus Partner Perception of Voice Handicap.
- Gentry, M. (Completed Spring 2005). The Effect of Social Speaking Context on Determination of Habitual Pitch.
- Stewart, S. (Completed Spring 2004). The Effect of Speaking Task on Perception of Severity of Hypokinetic Dysarthria.
- Cockrell, B. (Completed Spring 2004). The Effect of Speaking Task on Perception of Severity of

Hyperkinetic Dysarthria.

- Davenport, D. (Completed Spring 2003). Reliability of Speech Intelligibility Ratings Using the Unified Huntington's Disease Rating Scale.
- Marshall, W. (Completed Spring 2003). The Effect of Task on the Elicitation of Habitual Loudness.
- Dennie, T. (Completed Spring 2002). Reliability of Speech Intelligibility Ratings Using the Unified Parkinson's Disease Rating Scale.
- Jones, L. (Completed Spring 2002). Perception of Tracheoesophageal Speech by Different Listener Groups: I. Tracheoesophageal Speakers versus Their Significant Others.
- Blake, S. (Completed Spring 2002). Perception of Tracheoesophageal Speech by Different Listener Groups: II. Speech-Language Pathologists versus Graduate Students.
- Sykes, L. (Completed Spring 2001). Perceptual Discrimination of Dysarthria Subtypes: A Comparison of Two Methods.
- Keyes, M. (Completed Spring 2001). Basal-to-Ceiling vs. Ceiling-to-Basal Elicitation of Maximum Phonational Frequency Range.
- Nelson, J. (Completed Spring 1999). The Effect of Task on Determination of Maximum Phonational Frequency Range.
- Skaggs, S. (Completed Spring 1998). The Effect of Task on Determination of Habitual Pitch.
- Golzar, L. (Completed Spring 1998). The Effect of Voice Prosthesis Change on Speech Intelligibility.

Master's Thesis Committees at UAMS

- Lyle, C. (May 2008). Speech Fluency of Persons with Parkinson's Disease and Huntington's Disease. Directed by Brent Gregg, Ph.D.
- Burrow, L. (May 2003). The Attitudes of Adult Children of Persons with Aphasia. Directed by Priscilla Davis, Ph.D.
- Reel, M. (May 2002). The Development of a Training Module to Increase Graduate Students' Ability to Identify Perceptual Characteristics of Children with Mild Autism. Directed by Betholyn Gentry, Ph.D.
- Phillips, S. (May 2000). The Effects of Word Final Devoicing of /z/ on the Perception of Effeminate Voice. Directed by Elisa Huff, Ph.D.

Directed Non-Thesis Graduate Research Projects at UAMS

- Wright, H. (Completed Fall 2013). Alzheimer's and Other Dementias.
- Cramblett, K. (Completed Fall 2013). Readability of Audiology Reports in the UALR Speech and Hearing Clinic.
- Pestel, D. (Completed Fall 2013). Readability of Speech-Language Pathology Reports in the UALR Speech and Hearing Clinic.
- Brazear, L. (Completed Fall 2012). Variability in the Voices of Geriatric Speakers.
- Combs, S. (Completed, Fall 2012). Readability of PRO Questionnaires for Use with Persons with Traumatic Brain Injury.
- Clark, S. (Completed Fall 2011). Variability in the Voices of Geriatric Speakers.
- Graves, T. (Completed Fall 2011). Quality of Life of Spouses of Persons with Neurogenic Communication Disorders.
- Hamm, B. (Completed Spring 2011). Readability of PRO Questionnaires for Use with Persons with Dysphagia.
- Davis, A. (Completed Spring 2011). Readability of PRO Questionnaires for Use with Persons with Aphasia.
- Brown, A. (Completed Spring 2011). Readability of PRO Questionnaires for Use with Persons with Disfluency.
- Bonkofsky, A. (Completed Spring 2009). Development of Standardized Patients with Right Hemisphere Communication Impairment.
- Garner, K. (Completed Spring 2009). The Phonatory Aerodynamic System (PAS) Normative Study.
- Jones, J. (Completed Spring 2008). The Phonatory Aerodynamic System (PAS) Normative Study.
- Miles, L. (Completed Spring 2008). Development of Standardized Patients with Visual Neglect.
- Cheatham, E. (Completed Spring 2008). Readings on Mild Cognitive Impairment and Alzheimer's Disease.
- Taylor, J. (Completed Spring 2007). The CAPE-V Validation Study.
- Privett, M. (Completed Fall 2005). Acoustic Analysis of Speech of Persons with Huntington's Disease.
- Ashmore, R. (Completed Fall 2005). Acoustic Analysis of Speech of Persons with Parkinson's Disease.
- Robinson, L. (Completed Fall 2005). Voice Deficits of Persons Suffering from Traumatic Brain Injury.
- Griffin, A. (Completed Fall 2004). The Effect of Botox on Adductor Spasmodic Dysphonia with Essential Voice Tremor.
- Whitehouse, E. (Completed Fall 2004). Variability

in Speech and Voice of Normal Older Versus Younger Adults.

- Ray, M. (Completed Fall 2004). Fluency of Persons with Huntington's Disease.
- Wendell, K. (Completed Spring 2004). The Effect of Speaking Task on Perception of Abnormal Voice

Quality.

- Reeves, M. (Completed Spring 2003). Nasalance Values in Normal Geriatric Speakers of English.
- Birdwell, K. (Completed Spring 2003). The Effect of Length of Speaking Sample on the Elicitation of Habitual Pitch.

SERVICE TO THE PROFESSION

- Steering Committee Member, ASHA Special Interest Group 10 (Issues in Higher Education) (January 2021 to present).
- Program Committee Reviewer (Voice and Upper Airway Disorders); Annual Convention of the American Speech, Language, Hearing Association (2021).
- Program Committee Reviewer (Health Literacy); Annual Convention of the American Speech, Language, Hearing Association (2019).
- Program Committee Reviewer, Annual Convention of the Society for Simulation in Healthcare (2020, 2021 & 2022)
- Ad-hoc reviewer for the following peer-reviewed international journals:
 - Teaching and Learning in Communication Sciences and Disorders
 - American Journal of Speech-Language Pathology
 - Journal of Voice
 - Journal of Medical Speech-Language Pathology
 - Journal of Speech, Language and Hearing Research
 - Cleft Palate-Craniofacial Journal
- Editorial review board member for ASHA's Special Interest Groups 3 (Voice and Voice Disorders, 2009-2012) and 10 (Issues in Higher Education, 2011-2015), Perspectives.
- Panel reviewer for the New Century Scholars Program offered by the American Speech and Hearing Foundation (2004).
- Panel reviewer for New Investigator Research Forum at the Voice Foundation's 38th Annual Symposium: Care of the Professional Voice, Philadelphia, PA (2009).
- Program Committee for the Annual Convention of the Arkansas Speech and Hearing Association (2002, 2003, 2004). Chair of student posters and technical presentations.

CLINICAL WORK EXPERIENCE (ALL IN ARIZONA)

January 1990 to July 1997	President and Clinical Director	Zraick Therapy Consultants, Inc.
August 1990 to July 1997	Speech-Language Pathology Consultant	Arizona Physicians Center; Ear, Nose & Throat.
June 1994 to July 1997	Speech-Language Pathology Consultant	Arizona State Department of Economic Security Comprehensive Medical and Dental Program.
August 1991 to July 1997	Contract Speech-Language Pathologist	Sundance Rehabilitation, Inc.
January 1990	Contract Speech-Language	Boswell Memorial Hospital.

to August 1990	Pathologist	
September 1989 to Jan. 1990	Director of Speech-Language Pathology	Arizona Rehabilitation Center.
September 1988 to August 1989	Speech-Language Pathologist	Valley of the Sun Rehabilitation Hospital.
November 1987 to August 1988	Clinical Fellow in Speech-Language Pathology	Sun Rehabilitation Agency/Inspeech-Novacare, Inc.