

Appendix B - Tracker

Definition of "emerging": Brand new as well as expanding (new service delivery, new procedure, new population)

Data Source	Reviewed by	Review Completed	Specifics of data source	Review Results	Clinical Practice Key Words Filtered from Results Column	Team decision and supporting information	Comments
Technical assistance reports (January 2006 to August 2007)							
Audiology	Beamer	31-Aug-07	Phone call	Caloric stimulation for TBI patients	Caloric stimulation as treatment	yes--emerging (2 research papers support this, but quality of studies has not been reviewed)	
Audiology	Beamer		Educational Audiology Association (EAA) call	Discussion re: separate category of American Sign Language (ASL) "Pathologist"	Evaluation ASL proficiency	no (increased need in the field for multilingual specialists, incl. ASL)	Haug and Mann, Adapting Tests of Sign Language Assessment for Other Sign Languages--A Review of Linguistic, Cultural, and Psychometric Problems. J Deaf Studies Deaf Ed 2007, June 14. Adapting Tests of Sign Language Assessment for Other Sign Languages--A Review of Linguistic, Cultural, and Psychometric Problems
	Paul		Based on Karen Beverly Ducker's review of ASHA Convention sessions and from related professional organizations	Area increasing in frequency---voice and variations by race and ethnicity; dialect use and code switching by communication sciences and disorders (CSD) students and professionals; assessing oral competency of college students, professionals, consumers	Voice and variations by race and ethnicity; dialect use and code switching by CSD students and professionals; assessing oral competency of college students, professionals, consumers	no (not new, but increased need for training)	
SLP	Paul		New speech-language pathology (SLP) scope	SLP expansion of responsibilities in hearing screening--otoacoustic emissions	Infant hearing screening	yes--emerging	Included in revised scope of practice for SLP 2007
SLP	Paul		Technical assistance	Forensic SLP services	Forensic SLP services	no (not new, but expanding and increased need for training)	
SLP	Paul		Technical assistance	Role release in early intervention	Transdisciplinary model, primary service provider model, and coaching model in early intervention	no (not new, but expanding and increased need for training)	
SLP	Paul	31-Aug-07	Technical assistance requests Office of Multicultural Affairs (OMA) and SLP Individuals with Disabilities Education Improvement Act of 2004 (IDEA 2004) Division 16 (Schools) meeting minutes (August 2007) National Joint Committee on Learning Disabilities (NJCLD) new document on early identification of learning disabilities for young at-risk children	Responsiveness to Intervention -Preschool intervention for at-risk children	Responsiveness to Intervention (RTI) -Preschool intervention for at-risk children	no (not new, but expanding and increased need for training)	Responsiveness to Intervention – approach is in IDEA 2004 and many SLPs are involved with implementation. Literature exists on RTI and ASHA recently developed a Web page dedicated to RTI and SLP.
OMA, SLP	Paul		OMA technical assistance SLP forums, 2007 Convention program	Increased prevalence in the requests for services in schools for international adoptees who do not have language disorders in their native language and who are not receiving ESL services because English is the primary language at home.	Providing communication support for the acquisition of English to international adoptees (who do not have language disorders in their native language)	yes--emerging (working with new population without a disorder to teach English as a second language; it's not in our scope)	See meeting agenda notes dated 9/10/07.
OMA, SLP, Audiology	Paul		OMA, SLP, and Audiology technical assistance	Use of the augmentative and alternative communication (AAC) devices for individuals who do not have severe disabilities in populations such as (1) English language learners (ELLs), (2) voice disorders, (3) aphasia, (4) stuttering, (5) mild traumatic brain injury (TBI), and (6) use of sign language for hearing individuals (e.g., baby signs, auditory processing disorders [APD]). No evidence of benefit of sign language for typically developing children or those with APD.	Use of AAC devices and sign language with new populations	no (not new but expanding and increased need for training; no evidence to support AAC in these populations)	

OMA, SLP, Audiology	Paul		OMA, SLP, and Audiology technical assistance; AJSLP; LSHSS; SLP DOE and NIH grants; SLP Forums, Convention program sessions	Increased work by SLPs and audiologists with bilingual populations: bilingualism and autism, voice and bilinguals, fluency and bilingual populations, aging and bilingual populations, APD and bilingual populations, and bilingual children with Down syndrome. Increasing numbers of the following populations of bilingual speakers being served by clinicians: Cantonese speakers, Haitian Creole speakers, Hmong speakers, and Native Americans.	Work with multilingual populations	no (increased need in the field for multilingual specialists, incl. ASL)	See AJSLP articles from Sharon Willig's e-mail. CRISP: Computer Retrieval of Information on Scientific Projects <a href="http://www.crisp.cit.nih.gov">www.crisp.cit.nih.gov</a> ; U.S. Dept. of Ed grant awards Web site
SLP	Paul			3:1 Service Delivery Model	3:1 Service Delivery Model	no--expanding (new service delivery model first introduced in 2001-2002)	3:1 Service Delivery Model – relatively new service delivery model proposed for school-based SLPs. Within the SLP scope of practice but is a new way of delivering services to students in schools. Recently featured in <i>Access Schools</i> .  Q: What is the 3:1 service delivery model and how can I implement it? A: The 3:1 model calls for 3 weeks of direct intervention followed by 1 week of consultative services. This model was developed by Sharon Soliday in Portland, OR, who was inspired by a new hire, Gina Ossanna, from WI. Read the story behind the 3:1 model as well a PowerPoint presentation from the 2006 Convention that compares the 3:1 model to traditional models. See ASHA's Web site for additional workload management ideas.
SLP	Paul			Community Based Instruction	Community Based Instruction	no (more need for people to work in the communities)	Community Based Instruction (CBI) - not a new area of practice but one that SLPs are becoming more involved in at the school level. Resources from the Web on CBI: <a href="http://www.spedex.com/resource/documents/cbi/cbi.htm">http://www.spedex.com/resource/documents/cbi/cbi.htm</a> <a href="http://cdd.unm.edu/deafblind/forms/facts/CommunityBasedInstruction.pdf">http://cdd.unm.edu/deafblind/forms/facts/CommunityBasedInstruction.pdf</a> <a href="http://eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&amp;_ERICExtSearch_SearchValue_0=ED344389&amp;ERICExtSearch_SearchType_0=eric_accno&amp;accno=ED344389">http://eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&amp;_ERICExtSearch_SearchValue_0=ED344389&amp;ERICExtSearch_SearchType_0=eric_accno&amp;accno=ED344389</a>
SLP	Paul			Telepractice in the Schools	Telepractice in the Schools	no (example of adopting an existing technology and methodology, becoming more common in school setting)	Telepractice in the Schools – telepractice is not new; however, services to school-based students in this area seems to be expanding due to shortages of SLPs in rural areas of the country. There is a large program in Oklahoma.
Office of Multicultural Affairs (OMA)	Paul	31-Aug-07	Convention program, OMA technical assistance	Working with a more diverse population	Working with a more diverse population	no (increased need in the field for multilingual specialists, incl. ASL)	Working with culturally and linguistically diverse students – Not a new area of practice although the populations seen by SLPs have widened greatly in recent years due to factors such as international adoption. We get technical assistance calls regarding students from Russia, Romania, and China. OMA may also have additional data to share on this topic.
<b>Publications (at least January 2005 to August 2007)</b> <b>ASHA journals</b>							
American Journal of Speech-Language Pathology (AJSLP)	Paul	31-Aug-07		No emerging issues identified			

American Journal of Audiology (AJA)	Beamer	21-Sep-07		No emerging issues identified			
Journal of Speech, Language, and Hearing Research (JSLHR)	Nunez	31-Aug-07		Expanding cochlear implantation (CI) to new populations to include mild/mod or high frequency hearing loss which requires a unique type of electrode array, surgical procedure, audiology assessment and programming.	Hybrid cochlear implantation with new populations of persons with hearing loss (HL) (i.e., mild/moderate HL or high frequency HL).	yes--emerging (new population)	While CIs are not new, this application of CIs represents an emerging area of practice. Expanding Patient Criteria for Cochlear Implantation, Susan Waltzman, Audiology Today, September/October 2005 (Vol. 17, No. 5); also Turner and Gantz, May/June 2005 (Vol. 17, No. 3)
Journal of Speech, Language, and Hearing Research (JSLHR)	Beamer	18-Sep-07	Acoustic Reflex Detection Using Wide-Band Acoustic Reflectance, Admittance, and Power Measurements M. Patrick Feeney and Douglas H. Keefe Wideband Energy Reflectance Measurements in Adults With Middle-Ear Disorders M. Patrick Feeney, Iain L. Grant, Lindsay P. Marryott Contralateral Acoustic Reflex Thresholds for Tonal Activators Using Wideband Energy Reflectance and Admittance	Appropriate procedure for newborn hearing screening	Broadband reflectance	yes--emerging (relatively new procedure to be applied to new population)	(1) Series of Leader articles from 2005: Current and Emerging Tools for Assessing Middle Ear function <a href="http://www.asha.org/about/publications/leader-online/archives/2005/050412/f050412a.htm">http://www.asha.org/about/publications/leader-online/archives/2005/050412/f050412a.htm</a> (2) J Acoust Soc Am. 2007 Jun;121(6):3607-16. Links Wideband ipsilateral measurements of middle-ear muscle reflex thresholds in children and adults. Schairer KS, Ellison JC, Fitzpatrick D, Keefe DH. (3) J Am Acad Audiol. 2005 May;16(5):278-90. Links Detection of the acoustic stapedius reflex in infants using wideband energy reflectance and admittance. Feeney MP, Sanford CA.
Language, Speech, and Hearing Services in Schools (LSHSS)	Deussing	31-Aug-07	Volume 38 109-116 April 2007 Sensory Modulation Disorders Among Children with a History of Trauma: A Frame of Reference for Speech Language Pathologists	Reported in children diagnosed with fetal alcohol syndrome and this may impact therapeutic intervention.	Sensory Modulation Disorders	no (new way to describe sensory integration problems for children with history of perinatal and postnatal trauma)	
Contemporary Issues in Communication Science and Disorders (NSSLHA CICSD)	Nunez	31-Aug-07		No emerging issues identified			
<b>Other journals</b>							
Genetics in Medicine Journal of the Acoustical Society of America (JASA)	Beamer	25-Sep-07		See entries under Journal of Speech, Language, and Hearing Research (JSLHR)			
Genetics in Medicine Journal of the Acoustical Society of America (JASA)	Beamer	25-Sep-07		See entries under international audiology journals			<a href="http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&amp;cmd=Retrieve&amp;dopt=AbstractPlus&amp;list_uids=15545749">http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&amp;cmd=Retrieve&amp;dopt=AbstractPlus&amp;list_uids=15545749</a>
Journal of the American Academy of Audiology (JAAA)	Beamer	31-Aug-07		The Parent's Evaluation of Aural/Oral Performance of Children (PEACH): Normative Data	New tool: PEACH scale	no (new tool, but not a new procedure)	Ching, YC and Hill, M. JAAA, 18(3) 220-233
Journal of the American Academy of Audiology (JAAA)	Beamer	18-Sep-07		See entries under Journal of Speech, Language, and Hearing Research (JSLHR)			
International Journal of Audiology	Beamer	25-Sep-07	The emerging clinical impact of genetic studies of hearing loss Author: Kathleen S. Arnos	Possibility of audiologists referring for genetic screening	Genetic screening for HL	yes--emerging (emerging procedure to be used for identification of hearing loss in newborn screening)	(1) Volume 354:2151-2164 May 18, 2006 Number 20; Newborn Hearing Screening—A Silent Revolution; Cynthia C. Morton, PhD, and Walter E. Nance, MD, PhD (2) Genet Med. 2004 Nov-Dec;6(6):521-5. Comment in: Genet Med. 2004 Nov-Dec;6(6):463-4. Genetic testing as part of the early hearing detection and intervention (EHDI) process. Schimmenti LA, Martinez A, Fox M, Crandall B, Shapiro N, Telatar M, Slinger Y, Grody WW, Palmer CG.

International Association of Logopedics and Phoniatrics (IALP)	Deussing	31-Aug-07	International Association of Logopedics and Phoniatrics (IALP) board meeting 2006 reports a 3 hour session in Copenhagen entitled "The Connections Between Multilingual Children and Communication Disorders"	Consider this topic: needs of bilingual/multilingual children as an area where SLPs need continuing education to address needs of this population being served.		no (increased need in the field for multilingual specialists, incl. ASL)	
New England Journal of Medicine (NEJM)	Beamer	25-Sep-07		See entries under international audiology journals			
<b>Trade magazines</b>							
Advance for Audiologists	Nunez	31-Aug-07	Team decided not to review this source; the professions/clinical practice informs Advance articles vs. the articles informing clinical practice.				
Advance for Speech-Language Pathologists	Deussing	31-Aug-07	Team decided not to review this source; the professions/clinical practice informs Advance articles vs. the articles informing clinical practice.				
Hearing Journal	Beamer	31-Aug-07	Team decided not to review this source; the professions/clinical practice informs Hearing Journal articles vs. the articles informing clinical practice.				
Hearing Instruments	Beamer	31-Aug-07	Team decided not to review this source; the professions/clinical practice informs Hearing Instruments articles vs. the articles informing clinical practice.				
Audiology Today	Nunez	31-Aug-07	Can Sound Exposure Reduce Hearing Loss? Audiology Today, May/June (Vol. 17, No.3), Lendra Freisen, Lisa Cunningham	Based on animal research, noise-induced HL can be limited by targeted stimulation after the trauma.	Sound exposure treatment	yes--emerging (at very early stage, further research with human subjects needed, potential clinical application if research is fruitful)	Articles may be invited vs. peer-reviewed.
<b>Grants (new and grants in progress from January 2004 to August 2007)</b>							
National Institute on Deafness and Other Communication Disorders (NIDCD)	Beamer	31-Aug-07	Computer Retrieval of Information on Scientific Projects (CRISP)	(1) Automated Test of Word Recognition - Phase II (2) Ear camera for ear mold impression (EMI)	(1) Automated Test of Word Recognition - Phase II (2) Ear camera	(1) no (new tool, but not a new procedure; adopting a new technology for an existing procedure; may have implications for making audiology practice more efficient and could result in the encroachment on practice by others who could the automated procedure) (2) yes--emerging (new technology to be applied to existing procedure in fitting a hearing aid)	(1) Grant awarded to Robert Magolis (5R42DC006509-03) (2) GENEX TECHNOLOGIES, INC (1R43DC005927-01)
Department of Education (clinicaltrials.gov)	Beamer	18-Sep-07	Genetic screening of HL	Genetic Testing in Detection of Late-Onset Hearing Loss (SoundGene)	Genetic screening for HL	yes--emerging (application unclear at this point)	Sponsored by: Pediatrix Medical Group Information provided by: Pediatrix Medical Group ClinicalTrials.gov Identifier: NCT00511381. <a href="http://clinicaltrials.gov/ct/show/NCT00511381;jsessionid=9CD0AC07BB88E4ED13513C36EAFB3058?order=4">http://clinicaltrials.gov/ct/show/NCT00511381;jsessionid=9CD0AC07BB88E4ED13513C36EAFB3058?order=4</a>
	Paul		National Institutes of Health (NIH) and Department of Education grants	Training bilingual personnel; autism; health literacy; working in high poverty areas	Bilingual personnel; autism; health literacy; poverty	no (not new, expanding, and increased need for training)	

ASHFoundation Grants: New Century Scholars Research Grant (NA) Research Grant for New Investigators (1) Research Grant in Speech Science (NA) Student Research Grant in Early Childhood Language (NA) Student Research Grant in Audiology (NA) ASHA Research Conferences Travel Grants (NA) Special Research Initiatives (NA)	Nunez	31-Aug-07	Research Grant for New Investigators: Lisa A. Edmonds (2006) The University of Florida	"The Effect of Verb Network Strengthening Treatment (VNeST) on Crosslinguistic Generalization of Sentence Production Abilities in Spanish/English Bilingual Aphasia"	Verb Network Strengthening Treatment (VNeST): Grant proposes use of VNeST with patients who are bilingual and have aphasia to improve sentence production. Prior VNeST research has been shown to strengthen connections between verbs (e.g., measure) and their thematic roles (e.g., chef/sugar) in monolingual English speakers (Edmonds, in press). TX steps: 1) generate 3 agent-patient pairs (e.g., chef/sugar) related to the target verb (e.g., measure), 2) answer three wh-questions related to one pair (e.g., Where/When/Why does a chef measure sugar?), 3) decide whether 12 orally presented sentences containing the target verb (e.g., The chef measures the recipe.) are semantically correct, 4) repeating Step 1.	yes--emerging (emerging treatment approach being applied to new populations, specifically patients who are bilingual and have aphasia)	
Office of Special Education Research	Paul			No emerging issues identified			
<b>ASHA surveys (most recent surveys)</b>							
Audiology	Beamer	31-Aug-07	Salary survey/Private practice/	No emerging issues identified			
Audiology practice analysis (September report)	Nunez	31-Oct-07		Published report will not be available until spring 2008.			
Schools	Paul	31-Aug-07		No emerging issues identified			
Healthcare	Paul	31-Aug-07	Technical assistance, health care conference, Health care survey, 2006 convention program, the last two years of AJSLP, PubMed	Transnasal esophagoscopy	Transnasal esophagoscopy	yes--emerging (a few SLPs are being asked to do procedure under direction of physicians; diagnosis of esophageal disorders is outside the scope of practice for SLPs at this time)	Transnasal esophagoscopy. This has been reported or questioned by members during technical assistance calls and is not reflected in convention presentations or publications at this time. There are concerns about the appropriateness of this practice because diagnosis of esophageal disorders is outside the scope of practice for SLPs. Some members appear to be performing this procedure under the direction of physicians.
Janota feedback to Michelle	Ferketic	31-Aug-07		No emerging issues identified			
Critical Issues survey from 2007, Legislative Council (LC)	Deussing	31-Aug-07	Information obtained from LC Audiology Assembly meeting minutes: 2007 Critical Issues; Speech-Language Pathology/Speech-Language Science Assembly meeting minutes: 2007 Critical Issues	No emerging issues identified			Audiology Assembly: Evidence-based practice; Speech-Language Pathology Assembly: Critical Issue #7/17. External threats to scope of practice; credentialing (CCC recognized as national certification in the schools; professional autonomy). Critical Issue #10/17. Evidence-based practice. Critical Issue #12/17. Academic and clinical preparation. Critical Issue #15/17: Infusion of multicultural issues. Critical Issue #16/17. Training in low incidence disorders.
<b>Special Interest Divisions (July 2006 to August 2007)</b>							
Conference calls	Deussing	31-Aug-07	See feedback from Steering Committees below				
Minutes	Deussing	31-Aug-07	See feedback from Steering Committees below				
Listservs	Deussing	31-Aug-07	See feedback from Steering Committees below				
Newsletters	Deussing	31-Aug-07	See feedback from Steering Committees below				
Steering Committees	Deussing	31-Aug-07	E-mail responses from Divisions 3, 13, and 15 Steering Committees	Division 3: High-speed Imaging of the Larynx		yes--emerging (emerging diagnostic procedure)	

				Division 13: (1) Electrical Stimulation with implantable electrodes; Christy Ludlow at NIH is trying this. An otolaryngologist implants; the SLP programs the device. (2) Transnasal esophagoscopy and pharyngeal/esophageal manometry. (3) Endoscopy - by American Association of Otolaryngology-Head and Neck Surgery (AAO-HNS) in the states (4) Patients with esophageal dysphagia.		(1) yes--emerging (emerging treatment procedure) (2) yes--emerging (transnasal esophagoscopy and pharyngeal/esophageal manometry: emerging diagnostic procedures) (3) no (endoscopy is not a new area of practice: SLPs are being excluded from performing the procedure in some states due to lobbying by AAO-HNS) (4) yes--emerging (patients with esophageal dysphagia; new population being served by SLPs)	
				Division 15: (1) Patients with dementia. (2) Electrical stimulation for swallowing. (3) Manual techniques. (4) Environmental modification		(1) no (patients with dementia: not new area of practice or new population; may be increased need for personnel training at the pre-service and professional development level pertaining to communication needs of persons with dementia and caregiver education) (2) no (electrical stimulation for swallowing: not new treatment procedure) (3) no (manual techniques: not new treatment procedure for swallowing) (4) no (environmental modification: not new, already included in scope of practice)	
	Beamer	22-Jun-07	Meeting with Division chairs	Division 8: TBI screening for returning soldiers	TBI screening	no (not new, but expanding and increased training in screening procedures need because of the war and because of recognition that TBI can result from more distant blast exposure)	
	Beamer	22-Jun-07	Meeting with Division chairs	Division 6: Implementing evidence-based practice	Evidence-based practice	no (not new, but expanding and increased need for training)	
<b>Listservs and Web Forums (January 2007 to August 2007)</b>							
ASHA Audiology	Beamer	31-Aug-07	29-Jul-07	Infant hearing aids	Underserved population	No (not new, but expanding and increased training is needed)	Not new area but c/o infants not fit with hearing aids properly. An issue for academic training.
American Academy of Audiology (AAA)	Beamer	31-Aug-07	20-May-07	Use of the Neuromonics treatment for tinnitus and hyperacusis treatment. This is a new treatment for tinnitus involving a device that generates music.	Neuromonics	yes--emerging (new treatment; minimal data)	Ear & Hearing, 28(2):242-259, April 2007. Davis, Paul B.; Paki, Bardia; Hanley, Peter J. <a href="http://www.neuromonics-usa.com/professionals/publications.htm">http://www.neuromonics-usa.com/professionals/publications.htm</a>
American Academy of Audiology (AAA)	Beamer	31-Aug-07	18-Jun-07	New use of transposition hearing aids. Transposition hearing aids technology is not new but is being expanded into use for other populations (e.g., pediatrics). There are only two manufacturers who make a true transposition hearing aid.	Transposition hearing aids	no (not new, but expanding and increased need for training)	see bibliography
American Academy of Audiology (AAA)	Beamer	31-Aug-07	5-May-07	Transear for single-sided deafness. This is an implantable device that provides neural stimulation to restore balance function. Not clear what role the audiologist will play but they need to be aware of the new technology.	"Transear" device	no (not new, variation of hearing aid)	<a href="http://www.transear.com/">http://www.transear.com/</a>
American Academy of Audiology (AAA)	Beamer	31-Aug-07	29-Jul-07	Transient Otoacoustic Emissions (TOAE) as a predictor for sudden infant death syndrome (SIDS)	TOAE serving new use	yes--expanding (existing treatment procedure applied for new purpose and new population)	<a href="#">see bibliography:Rubens, D., Vohr, B., Tucker, R., O'Neil, Chung, W. (2007)</a>
Council of Academic Programs in Communication Sciences and Disorders (CAPCSD)	Nunez	31-Aug-07		No emerging issues identified			
ASHA Speech Web forum	Paul	31-Aug-07		No emerging issues identified			
ASHA Audiology Web forum	Beamer	31-Aug-07		No emerging issues identified			
Divisions' Web forum	Deussing	31-Aug-07		Feedback from Division Coordinators covers this area.			
ASHA Web forums--education topics	Nunez	31-Aug-07	5/3/07 Web Chat Shape the Future: Tell Us What You Think About Speech-Language Pathology Education	Manual lymphatic therapy (MLT) to treat head & neck lymphedema mentioned by an SLP who states she is also a lymphedema therapist. She uses MLT to maximize lymphatic flow and reduce edema, which is said to impact articulation, swallowing, voice, etc.	Manual lymphatic therapy (MLT)	no (not in the scope; SLPs are not asked to do this; individual has pursued additional certification in order to perform this procedural service)	

ASHA Continuing Education and Professional Development (July 2006 to August 2007)	Aulbach	31-Aug-07	Karen Niles and Ellen Fagan	Provided by Ellen Fagan: Behavioral problems; Anxiety; Depression; Psychosocial issues/problems; Neurodevelopmental training (NDT); Overall well being – total patient care; Balance; Leadership and Management; New technology related to cochlear implants, hybrid implants; Tissues of the body (myofascial release, deep tissue, massage, manipulation); Interdisciplinary focus with wider inclusion of disciplines than we have seen in past; RTI; NCLB; Dysphagia rehab, assessment; AAC; Technology use; Early intervention; Medical errors, patient safety; Regulatory issues, Medicare; Vocations – adult transitions for individuals with autism, other disabilities; Returning to work issues; Whole life issues; Spirituality; End of life issues; Cultural competences; Generational issues		no (not new areas of practice)	Karen Niles had no emerging areas to record; Ellen Fagan's list is based on hot topics that CE is seeing providers offer courses in.
ASHA Convention programs 2006 topics							
Audiology	Beamer	31-Aug-07	2007 Convention speaker	Vestibular Prosthesis:The Biomechanical Engineering;Conrad Wall, Mass Eye and Ear	Vestibular Prosthesis	no (most likely going to fall within the scope of practice of physicians)	May be more of an ENT issue; audio role not clear. Audiologist will need to know about this technology but may not be the primary referral source.
SLP	Paul		ASHA Convention sessions 2006	(1) health literacy; (2) trismus; (3) pallidotomy surgery; (4) use of music in treatment; (5) use of audiobooks in treatment; (6) communication participation scale (based on WHO model); (7) speech treatment and tongue piercing		(1) no (not new, but expanding and increased need for training);(2) no (only heard about as program at Convention--too limited to be viewed as emerging and evidence would need to be reviewed or obtained); (3) no (only heard about as program at Convention--too limited to be viewed as emerging and evidence would need to be reviewed or obtained); (4) no (prosodic treatment for communication disorders is not new); (5) no (new tool, but not new area of practice); (6) no (new tool, but quality of life measures are not new); (7) no (may be new reason for speech problems, but not new area of practice)	
ASHA Schools Conference	Paul	31-Aug-07	Based on Schools Conference Program and ASHA Convention	(1) Increased emphasis on basing clinical practice in school settings on scientifically based instruction; (2) computer-assisted language intervention; (3) neurotoxics and the impact on learning and developmental disabilities	(2) Computer assisted language intervention; (3) Neurotoxics-expanding role of SLP in prevention	(1) no (EBP is expanding area of practice with need for training); (2) no (not new, but expanding area of practice with need for training in ethical use); (3) no (not new, but may be expanding need with increased environmental toxins)	(2) Computer Assisted Language Intervention---There are a variety of computer-based intervention programs that can be used by SLPs working in the schools. Presentation at Schools Conference by Ron Gillam and Diane Frome Loeb (2005). There was a recent NIH grant with Ron Gillam as the principal investigator. There are several citations on the ASHA Web site. (3) Neurotoxics and the impact on learning and developmental disabilities---Increased role of SLP in the area of prevention because children's exposure to neurotoxics may be a factor in learning disabilities. Presentation at 2006 and 2007 Schools conference by Stacy Antoniadis and Steven Gilbert. Also presentation at ASHA Convention (2005?).

ASHA Schools Conference	Paul			EBP- There is an increased emphasis on basing clinical practice in school-based settings on scientifically based instruction. Over the past 5 years there have been several presentations stressing EBP. There is a professional consultation packet on the schools page of the ASHA Web site at: <a href="http://www.asha.org/members/slp/schools/pr-of-consult/EvdncBsdSchls.htm">http://www.asha.org/members/slp/schools/pr-of-consult/EvdncBsdSchls.htm</a> and other Web-based resources on the ASHA site.	Evidence-based practice	no (not new, but expanding and increased need for training)	
Audiology	Beamer	31-Aug-07	10-May-07 teleseminar	Pediatric Amplification, by Julie Christensen of Boystown;.discussed use of transposition hearing aids with children	Transposition hearing aids	no (not new, but expanding and increased need for training)	
SLP	Paul		ASHA Convention sessions 2007	(1) Life coaching; (2) work in neonatal intensive care unit (NICU); (3) attention assessment; (4) application of World Health Organization, International Classification of Functioning, Disability and Health (WHO-ICF); (5) SLP services for homeless children; (6) use of Internet in treatment; (7) animal-facilitated treatment; (8) metacognitive cartography; (9) CHARGE syndrome; (10) cochlear implants; (11) muscle training for speech and swallowing; (12) magnetoencephalography; (13) yoga-based speech treatment; (14) visBabble; (15) herbal supplements for voice changes in menopause; (16) theory of mind		(1) no (new counseling approach); (2) no (not new, but expanding and increased need for training); (3) no (SLPs are not primary diagnosticians of attention disorders and ASHA has a position statement and guidelines on the role of the SLP in ADHD); (4) no (not new, but expanding and increased need for training because WHO-ICF was updated in 2001); (5) yes--emerging (new population); (6) no (not new, but expanding and increased need for training); (7) no (more evidence is needed); (8) no (only mentioned in one convention program; may emerge as more widespread area in future (9) no (not a new population or area of practice) (10) no (expanding area of practice for SLPs with increased need for training) (11) no (not new area of practice; effectiveness is controversial. Evidence-based systematic review in progress by N-CEP for oral-moter exercises) (12) no (only one program at convention) (13) no (only one program at convention--too limited to be viewed as emerging and evidence would need to be reviewed or obtained) (14) no (not new area of practice; new tool) (15) no (only one	
SLP	Paul	31-Aug-07	2007 Clinical Hot Topics list from the Divisions provided by Amy Hasselkus	(1) Division 2: Implementing evidence-based practice (EBP) in a clinical setting. (2) Division 3: High Speed Digital Imaging and Kymographic Assessment of Vocal Fold Vibrations. (3) Division 5: The Effects of Macroglossia on Speech and Feeding. (4) Division 12: When a Patient Can't Speak: Supporting Communication With AAC During Critical Illness and At End of Life. (5) Division 13: Balancing Compassion and EBP: Alternative Nutrition/Hydration and End of Life.		no (not new)	(2) High Speed Digital Imaging and Kymographic Assessment of Vocal Fold Vibrations. This is a new assessment tool that provides more specific information than videostroboscopy. However, voice assessment is not an emerging area, but just a new assessment tool.
Other conference programs							
American Academy of Audiology (AAA)	Beamer	31-Aug-07		No emerging issues identified			

				(1) Endoscopy; we face challenges restricting our practice in some states. (2) Transnasal Esophagoscopy (3) Suctioning: Our documents don't clearly define whether we can do deep suctioning or just oral suctioning--some members are trained to do deep suctioning and are doing it. (4) Cross-disciplinary areas such as sensory motor treatment (5) Electrical stimulation for facial weakness from Bell's palsy (6) Cervical auscultation for swallowing (7) Deep pharyngeal neuromuscular stimulation. None of the above (except endoscopy) is specifically described in the Scope of Practice because they are specific treatments and the Scope does not address that level of detail. In some geographic areas, clinicians are being asked to provide specific treatments because they are perceived as giving the institution a competitive edge.			(6) Leslie P, Drinnan MJ, Finn S, Ford GA, Wilson JA. Reliability and validity of cervical auscultation: A controlled comparison using videofluoroscopy. <i>Dysphagia</i> 2004;19:231-40. <a href="http://www.rmpd.org.uk/abstracts/physiological_measurement/cervical_auscultation.htm">http://www.rmpd.org.uk/abstracts/physiological_measurement/cervical_auscultation.htm</a> ; and 1995 Winter;10(1):27-31 <a href="http://www.ncbi.nlm.nih.gov/sites/entrez?cmd=Retrieve&amp;db=PubMed&amp;list_uids=7859529&amp;dopt=AbstractPlus&amp;holding=f1000%2Cf1000m%2Cisrctn">http://www.ncbi.nlm.nih.gov/sites/entrez?cmd=Retrieve&amp;db=PubMed&amp;list_uids=7859529&amp;dopt=AbstractPlus&amp;holding=f1000%2Cf1000m%2Cisrctn</a> and P. Leslie et al., ( <i>Dysphagia</i> , 2003, Vol. 19(4):231-240)
Healthcare	Paul	31-Aug-07	Technical assistance; healthcare conference; healthcare survey; 2006 Convention program; 2006/2007 issues of AJSLP (American Journal of Speech-Language Pathology)			(1), (2) addressed above (3), (4) no (not new) (5) yes--emerging (for this specific population; new application of existing treatment) (6) no (not new, but expanding and increased need for training; there is a renewed interest in an existing procedure) (7) no (not new; minimal data to support its effectiveness)	
Early Hearing Detection and Intervention (EHDI)	Beamer	31-Aug-07		No emerging issues identified			
Educational Audiology Association (EAA)	Beamer	31-Aug-07		No emerging issues identified			
BC Academic Health Council's <i>Practice Makes Perfect</i>	Nunez		Conference program (clinical education)	Clinical education; preservice and professional development	Interprofessional collaboration	no (not new)	
<b>Related Professional Organizations (RPOs)</b>			SLP specific divisions within RPOs				
Council for Exceptional Children (CEC)	Paul	31-Aug-07	Convention programs 2006 and 2007 for the Division for Communicative Disabilities and Deafness	No emerging issues identified			
National Black Association for Speech-Language and Hearing (NBASLH)	Paul	31-Aug-07		No emerging issues identified			
American Association on Intellectual and Developmental Disabilities (AAIDD)	Paul	31-Aug-07		No emerging issues identified			
National Hearing Conservation Association (NHCA)	Beamer	31-Aug-07		No emerging issues identified			
Council for Accreditation in Occupational Hearing Conservation (CAOHC)	Beamer	31-Aug-07		No emerging issues identified			
Military Audiology Association (MAA)	Beamer	31-Aug-07	Army Center for Health Promotion and Preventive Medicine		Emergency preparedness	yes--emerging (expanding role of audiologists to be active members of first-response teams)	
Veterans Affairs Audiology Association (VAAA)	Beamer	31-Aug-07		Audiologists to screen for mild TBI	Old procedure, but new for audiologists to administer the screening	yes--emerging (under discussion at VA)	
Association of Federal Audiologists and Speech Language Pathologists (AFASLP)	Beamer	31-Aug-07		No emerging issues identified			
<b>Licensing Laws</b>							
Audiology	Beamer	31-Aug-07		No emerging issues identified			
Speech-language pathology	Beamer	31-Aug-07		No emerging issues identified			

<b>Policy Documents (within last 5 years)</b>							
<b>Scope of Practice</b>							
Audiology	Beamer	31-Aug-07		No emerging issues identified			
Speech-language pathology	Paul	31-Aug-07			(1) Otoacoustic emissions screening by SLPs (2) Emergency preparedness (3) Health literacy	(1) yes--emerging (existing technology now within the scope of SLP) (2) no (expanding role of SLP) (3) no (not new, but expanding role of SLP and audiologists in consulting with physician groups and modifying language in consumer publications)	(2) to provide consultation about communicating with people with disabilities and serve on first-response teams
<b>Current Certification standards (baseline)</b>							
Audiology: 2007 Audiological Standards	Nunez	31-Aug-07	<a href="http://www.asha.org/about/membership-certification/certification/aud_standards_new.htm">http://www.asha.org/about/membership-certification/certification/aud_standards_new.htm</a>		existing certification standards	Used for baseline information re: existing practices	See Bibliography
SLP: 2005 SLP Standards	Nunez	31-Aug-07	<a href="http://www.asha.org/about/membership-certification/handbooks/slp/slp_standards.htm">http://www.asha.org/about/membership-certification/handbooks/slp/slp_standards.htm</a>		existing certification standards	Used for baseline information re: existing practices	See Bibliography
<b>Other</b>							
Media Sources	Paul	31-Aug-07		No emerging issues identified			