

CURRICULUM VITAE

William Richardson Culbertson, Ph.D., Professor, Department of Health Sciences, Northern Arizona University, NAU Box 15095, Flagstaff, AZ., 86011 (520-523-7440). Updated: March, 2014.

EDUCATION

B.A. (Psychology; Speech and Dramatic Arts)	University of Richmond, 1970
M.S. (Special Education, Emphasis in Communication Disorders)	Old Dominion University, 1975
Ph.D. (Audiology and Speech Sciences)	Michigan State University, 1981

EXPERIENCE

UNIVERSITY FACULTY

Professor of Health Sciences, Northern Arizona University, August 22, 2004-Present.
 Associate Professor of Health Promotion, Northern Arizona University, August 23, 2004-August 22, 2005.
 Associate Professor of Communication Sciences and Disorders, Northern Arizona University, January 6, 2003-August 23, 2004
 Chair, Department of Communication Sciences and Disorders (Formerly Speech Pathology and Audiology), Northern Arizona University, October 30, 2000-January 6, 2003
 Associate Professor, Northern Arizona University, Department of Communication Sciences and Disorders (formerly Department of Speech Pathology and Audiology), August 1999 - October 30, 2000
 Assistant Professor, Northern Arizona University, Department of Speech Pathology and Audiology, August 1993-1999
 Visiting Assistant Professor in Speech Language Pathology, Northern Arizona University Department of Speech Pathology and Audiology, 1992-1993
 Instructor of Speech-Language Pathology, Northern Arizona University, Flagstaff, Arizona, 1980-1981

CLINICAL PRACTICE

Consultant in Speech-Language Pathology, Cibecue Community School, Cibecue, Arizona, 1996-1997
 Speech-Language Pathologist, Prescott Unified School District, Prescott, Arizona, 1992-1993
 Speech-Language Pathologist, Flagstaff Medical Center, Flagstaff, Arizona., 1992-1995
 Speech-Language Pathologist in Private Practice, 1981-1992, with duties including:
 Speech-Language Pathologist, Instructive Visiting Nurse Association, Richmond, Virginia, 1981-1992
 Speech-Language Pathologist, Stuart Circle Hospital, Richmond, Virginia, 1984-1987
 Speech-Language Pathologist, Charter Westbrook (Psychiatric) Hospital, Richmond, Virginia, 1981-1988
 Speech-Language Pathologist, Virginia Rehabilitative Services, Glen Allen, Virginia, 1983-1991
 Speech-Language Pathologist, Medical Personnel Pool, Richmond, Virginia, 1986-1992
 Speech-Language Pathologist, Henrico Doctors' Hospital Home Health Service, Henrico Co., Virginia, 1987-1992
 Speech-Language Pathologist, Southside Community Hospital, Farmville, Virginia, 1987-1992.
 Speech-Language Pathologist, Rehab. Management Incorporated, Midlothian, Virginia, 1989-1992
 Consultant, Professional Advisory Board, Instructive Visiting Nurse Association, 1981-1992
 Consultant, Professional Advisory Board, Stuart Circle Hospital, Richmond, Virginia, 1985-1987
 Consultant, Professional Advisory Board, Medical Personnel Pool, Richmond, Virginia, 1989-1992
 Coordinator, Albemarle Regional Center for Communication Disorders, Elizabeth City, North Carolina, 1978-1980
 Speech-Language Pathology consultant, Orofacial Clefts Team, Sparrow Hospital, Lansing, Michigan, 1978
 Speech and Hearing Specialist, Level II, Albemarle Regional Center for Communication Disorders, Elizabeth City, North Carolina, 1976 -1977

ASSOCIATIONS

Golden Key International Honor Society Honorary Member
 Phi Kappa Phi Honor Society: Member
 Alpha Eta Society (Health Professions): Member
 International Association of Logopedics and Phoniatrics: Member
 American Speech-Language and Hearing Association (ASHA)-Member 1977-2012
 Arizona Speech-Language and Hearing Association (ArSHA)-Member 1998-2000
 Richmond (Virginia) Area Speech Pathologists-Member: 1981-1992

RESEARCH INTERESTS

Neurogenic Communicative Disorders, Aphasia, Dysphagia, Forensic Studies in Speech Science; Distance Education, Distance Learning Technology, Clinical Service Delivery Modalities, Including Transdisciplinary Approaches and Support Personnel Training, Multicultural Approaches to Rehabilitation.

FELLOWSHIPS and HONORS

Honorary Faculty member of the Speech Therapy Department, Faculty of Rehabilitation, Tehran University of Medical Sciences, Tehran, Iran (2013).
 Teacher of the Year, Department of Health Sciences (2012-2013).
 Teacher of the Year, Department of Health Sciences (2010-2011).
 Teacher of the Year, College of Health Professions, Northern Arizona University (1998-1999).
 Teacher of the Year, Department of Speech Pathology and Audiology, Northern Arizona University (1998-1999).
 Louie Award for Outstanding Performance (ASNAU) March, 1998.
 Clinical Stipendee, Hampton (Virginia) Veterans Administration Hospital, 1974-1975
 Laboratory/Research Assistant, Michigan State University Voice Spectrography Laboratory, 1975-1976
 Teaching Assistant, Department of Audiology and Speech Sciences, Michigan State University, 1978
 Teaching Assistant, Department of Anatomy, College of Osteopathic Medicine, Michigan State University, 1978

RESEARCH AND PUBLICATIONS

Grants and Grant Proposals

"Web Course (Intramural) Development Grant for SST 455C." Funded by NAU E-Learning, January, 2009. (Amount Not Specified).

"On-Line Leveling Courses in Speech-Language Sciences and Technology." (\$35,759.00) Arizona Regents Reach Out (ARRO) Grant. Funded, January 1, 2008.

Learning Online, @ Video for the Interdisciplinary Distance Learning Bachelor of Science Degree Program. Northern Arizona University Native American Institute. Not Funded. October 15, 2003.

On-Line Leveling Courses in Communication Sciences and Disorders. (\$318,928.00, revised to \$88,940.00) Proposition 301 grant proposal submitted with CHP proposal, 2002. Approved, but funds not disbursed.

On-Line Leveling Courses in Communication Sciences and Disorders. (\$376,259.00) Fund for the Improvement of Postsecondary Education. Not funded. January 22, 2001.

Distance Education for Training Speech and Hearing Paraprofessionals. (\$579,340.00) Health Resources and Services Administration Grant. Funding approved by Peer Review Committee May 22, 2000. Not funded.

Arizona Speech-Language Pathology Support Personnel Survey Project. (\$6240.00) Northern Arizona University Service Grant, awarded January 1998 (W. Culbertson, P.I.).

Color Scanner (\$220.00). Northern Arizona University Academic Computer Services Steering Committee, grant for purchase of hardware and software for instructional material awarded April, 1997 (W. Culbertson, PI).

Distance Education for Speech-Language Pathology Paraprofessional Training. (\$486,231.00). U.S. Bureau of Health Professions. (W. Culbertson, PI). (Submitted February, 1997. Not funded).

Distance Education Program for Paraprofessional Training in Speech-Language Pathology (\$7435.00). Northern Arizona University Service Grant, awarded January 1997(W. Culbertson, P.I.).

Speech Understanding of Children with Articulation Disorders (\$3250.00). Northern Arizona University Applied Research Grant, awarded January 1997 (W. Yellin, P.I.).

Sagittal Section of Talking Individual, (\$500.00) Multimedia Instructional Technology grant from Office of Instructional Development, Northern Arizona University, awarded October 1996.

Animated Dissection of Anatomy for Medicine (ADAM). (\$2869.00) Northern Arizona University Academic Computer Services Steering Committee, grant for purchase of hardware and software for instructional material awarded January 1996 (W. Culbertson, P.I.).

Measurement of intraoral air pressure changes during deglutition. (\$8700.00) Northern Arizona University Office of the Associate Provost-Research and graduate Studies Applied Research grant, awarded February 1996 (W. Culbertson, P.I.).

Self-paced instructional program in introduction to anatomy and physiology for speech-language pathologists and audiologists. (\$500.00), Instructional grant, Northern Arizona University, awarded June 1994 (W. Culbertson, P.I.).

Publications

Tanner, D., Culbertson, W. (March, 2014). Avoiding negative dysphagia outcomes. *OJIN: The Online Journal of Issues in Nursing* Vol. 19 No. 2.

Culbertson, W., Cotton, S. and Tanner, D. (2013). *Anatomy and physiology study guide for speech and hearing* (2nd ed). San Diego: Plural.

Culbertson, W. and Tanner, D. (2012). Observations on speech and swallowing. In R. Goldfarb (Ed). *Translational speech-language pathology and audiology: Essays in honor of Dr. Sadanand Singh.* San Diego: Plural.

Culbertson, W.R. (2012). Phonological processes and traditional phoneme acquisition norms. In *Translational speech-language pathology and audiology: Essays in honor of Dr. Sadanand Singh.* San Diego: Plural.

Culbertson, W.R. and Tanner, D.C. (2011). *The anatomy and physiology of speech and swallowing.* Dubuque, IA: Kendall Hunt.

Culbertson W, Lambrelli C, Tanner D. (2010). Patterns of speech articulation In subjects with neurogenic dysphagia and dysarthria. *WebmedCentral REHABILITATION*, 1(10):WMC001042

- Culbertson, W.R., Cotton, S.S., and Tanner, D.C. (2007, October). Proceedings of the Annual Convention of the Association of Schools of Allied Health Professions, San Diego: *A 21st Century approach to undergraduate education in communication sciences and disorders*.
- Culbertson, W., Cotton, S. and Tanner, D. (2006). *Anatomy and physiology study guide for speech and hearing*. San Diego: Plural.
- Culbertson, W., Cotton, S. and Tanner, D. (2006). *Anatomy and physiology study guide for speech and hearing instructor's manual*. San Diego: Plural.
- Culbertson, W. and Tanner, D. (2005). Proceedings of the 4th Annual Hawaii International Conference on Social Sciences, Honolulu, Hawaii: *Forensic phonetics: Perspectives on subjective and objective approaches to speaker identification*.
- Tanner, D. and Culbertson, W. (July, 2002). Proceedings of the 6th World Multi Conference of Systemics, Cybernetics and Infomatics, Orlando, Florida, USA: *The Brave New World of the Cyber Speech and Hearing Clinic: Diagnostic Possibilities*.
- Culbertson, W. and Tanner, D. (July-August, 2002). Proceedings of the International Conference on Advances in Infrastructure for Electronic Business, Science, Education and Medicine. L=Aquila, Italy, July 29 - August 4, 2002: *The Brave New World of the Cyber Speech and Hearing Clinic: Treatment Possibilities*.
- Culbertson, W. (2002). *Instructors' manual and test bank to accompany Shames, G. (2002): Human communication disorders: an introduction* (6th Ed). Boston, MA.: Allyn & Bacon.
- Culbertson, W., and Tanner, D. (2001). *Clinical reference manual for communication sciences and disorders*. Tempe, AZ.: Scholargy.
- Culbertson, W.R., and Tanner, D.C. (2001). Clinical comparisons: Phonological processes and their relationship to traditional phoneme acquisition norms. *Infant and Toddler Intervention. The Transdisciplinary Journal*, 11, 15-25.
- Yellin, M.W., Culbertson, W.R., Tanner, D.C., and Adams, T. (2000). Gender differences in transient evoked otoacoustic emissions (TEOAE=S) of newborns. *Infant Toddler Intervention: The Transdisciplinary Journal*, 10, 193-200.
- Tanner, D. and Culbertson, W. (1999). *Quick assessments for neurogenic communication disorders*. Oceanside, C.A.: Academic Communication Associates.
- Tanner, D. and Culbertson, W. (1999). *Quick assessment for dysphagia*. Oceanside, C.A.: Academic Communication Associates.
- Tanner, D. and Culbertson, W. (1999). *Quick assessment for dysarthria*. Oceanside, C.A.: Academic Communication Associates.
- Tanner, D. and Culbertson, W. (1999). *Quick assessment for apraxia of speech*. Oceanside, C.A.: Academic Communication Associates.
- Tanner, D. and Culbertson, W. (1999). *Quick assessment for aphasia*. Oceanside, C.A.: Academic Communication Associates.
- Tanner, D. and Culbertson, W. (1999). *Caregiver-administered communication inventory*. Oceanside, C.A.: Academic Communication Associates.

- Tanner, D. and Culbertson, W. (1999). Proceedings of the Technology and Persons with Disabilities Conference, University of California: Northridge: *Adapting Internet Paraprofessional Training Methods to Speech and Hearing Professionals' Expectations*.
- Culbertson, W. and Tanner, D. (1998). Proceedings of the Technology and Persons with Disabilities Conference, University of California: Northridge: *Training speech pathology assistants on Indian reservations: The power of the internet*.
- Culbertson, W., Tanner, D., Peck, A., and Hooper, A. (1998). Orientation testing and responses of brain-injured subjects. *Journal of Medical Speech-Language Pathology*. 6, 93-103.
- Culbertson, W. (1998). *Students= guide to accompany Shames, G., Secord, W. and Wiig, E. (Eds.). (1997). Human communication disorders: An introduction (5th ed)*. Needham Heights, MA.: Allyn & Bacon.
- Culbertson, W. (1997). *Instructors' manual and test bank to accompany Shames, G., Secord, W. and Wiig, E. (Eds.). (1997). Human communication disorders: An Introduction (5th ed)*. Needham Heights, MA.: Allyn & Bacon.
- Tanner, D., Culbertson, W., and Secord, W. (1997). *Developmental articulation and phonology profile*. Oceanside, CA.: Academic Communication Associates.
- Culbertson, W. and Tanner, D. (1996). *Introductory speech and hearing anatomy and physiology workbook: a self-paced study guide for undergraduate courses*. Needham Heights, MA.: Allyn and Bacon.
- Culbertson, W. and White, S. (1980). A comparison of performance-by-intensity functions for two picture identification auditory discrimination tests. *MSHA* 16, 1-12.

Research and Presentations

Invited Presentation: Professional Question and Answer Session in Honor of Dr. S. Singh. Annual Convention of the American Speech-Language-Hearing Association, November 16, 2011, San Diego, Ca.

Outcome Assessment of the Online Speech-Language Pathology Assistant (SLPA) Certification Program. Culbertson, W., Christensen, S., and Tanner, D. (2009, April). Seventh Annual Northern Arizona University Assessment Fair, Flagstaff.

Tanner, D., Culbertson, W. and Christensen, S. (2008, November). Five Case Studies in Dysphagia Malpractice Litigation. A seminar presented to the Annual Convention of the American Speech-Language-Hearing Association; Chicago. (With Cotton, S.S., and Tanner, D.C.)

A 21st Century approach to undergraduate education in communication sciences and disorders. Presentation to the Annual Convention of the Association of Schools of Allied Health Professions, San Diego, CA (October, 2007). (With Cotton, S.S., and Tanner, D.C.)

Russian Logopedic Views of Stuttering Etiology. Poster presented at the Annual Convention of the American Speech-Language and Hearing Association; Miami Beach, FL., 2006 (with Bellilovski, M., and Tanner, D.C.)

Using the Internet to Improve Pronunciation: A Case Study. Poster presented at the Annual Convention of the American Speech-Language and Hearing Association; Miami Beach, FL., 2006 (With Tanner, D.C. and Cotton, S.S.)

Forensic Phonetics: Perspectives on subjective and objective approaches to speaker identification. Culbertson, W. and Tanner, D. (2005). *4th Annual Hawaii International Conference on Social Sciences, Honolulu, Hawaii*.

The Use of Motion Pictures in Online Speech-language Pathology Assistant Training. Presentation to the Association of Schools of Allied Health Professions, Tampa FL, October 20-23, 2004. (With Tanner, D.C. and Cotton, S.S.)

An Interdisciplinary Distance Learning Bachelor of Science Degree Program. Poster presented at the Annual Convention of the American Speech-Language and Hearing Association; Philadelphia, PA, 2004 (With Tanner, D.C., Sciacca, J., Bryntesson, P. and Cotton, S.S.)

Assessment in Professional Programs. Assessment Symposium sponsored by the Office of Academic Assessment, Office of Faculty Development, and Graduate College, Northern Arizona University, February 19, 2003.

Cheers and Jeers: Hollywood and the Motion Picture Industry. An extended seminar presented to the annual convention of the American Speech-Language-Hearing Association, New Orleans, LA, November, 2001 (With Dennis C. Tanner, and Wayne A. Secord).

Profile of Undergraduate Students in Communication Sciences and Disorders. A paper presented to the annual convention of the American Speech-Language-Hearing Association, New Orleans, November, 2001 (With Lindsay A. Quinn, L, and Dennis C. Tanner).

Dependency of Neuromotor Oral Maturation on Phonological Development. 9th Manchester Phonology Meeting, University of Manchester, Manchester, England, May 25, 2001 (With Dennis C. Tanner).

Gender Differences in Transient Evoked Otoacoustic Emissions (TEOAE) of Newborns. Poster presented at the Annual Convention of the American Speech-Language and Hearing Association; San Francisco, CA, 1999. (With Yellin, M.W., Tanner, D.C., and Adams, T.)

Newborn Hearing Screening in a Well-Baby Nursery. Presentation to the annual convention of the American Academy of Audiology, Chicago, IL, 2000 March 17, 2000 (With Yellin, M.W., Tanner, D.C., and Adams, T.)

The Challenge of Web-Based Education in Speech-Language Pathology. Presentation for Northern Arizona University Faculty Senate series, ^ATeaching at 2000, [@] March 24, 1999.

Adapting Internet Paraprofessional Training Methods to Speech and Hearing Professionals' Expectations. A paper presented at the Technology and Persons with Disabilities Conference, University of California: Northridge March 16-20, 1999 (with D. Tanner).

Changing Paradigms in the Schools: A Town Meeting for Arizona School Clinicians. Discussion group presentation to the convention of the Arizona Speech-Language and Hearing Association, Flagstaff, Arizona, April, 1998 (with W. Secord and E. Lindstedt).

Speech Understanding in Children with Articulation Disorders. Presentation to the annual convention of the American Academy of Audiology, Los Angeles, CA., April 2-5, 1998 (with W. Yellin).

Training Speech Pathology Assistants on Indian Reservations: The Power of the Internet. A paper presented at the Technology and Persons with Disabilities Conference, University of California: Northridge, March 17-21, 1998 (with D. Tanner).

Intraoral Air Pressure Variation in Normal Deglutition. Presentation to the convention of the American Speech-Language and Hearing Association, Boston, Massachusetts, November 1997 (with R. Coast and E. Fuchs).

Computer-Mediated Distance Learning: Virtual Paraprofessional Training Concept. Presentation to the convention of the American Speech-Language and Hearing Association, Boston, Massachusetts, November 1997 (with D. Tanner).

Articulation Testing and Dysphagia Treatment Planning. Presentation to the convention of the American Speech-Language and Hearing Association, Boston, Massachusetts, November 1997 (with C. Lambrelli).

Using Family Members to Augment Aphasia Treatment in the Home. Presentation to the convention of the American Speech-Language and Hearing Association, Seattle, Washington, November 1996.

Quality of Life Post Stroke When Living in Long-Term Care. Presentation to the convention of the American Speech-Language and Hearing Association, Seattle, Washington, November 1996 (with K. Allen and D. Tanner).

The Native American Church and the Treatment of Aphasia. Presentation to the convention of the American Speech-Language and Hearing Association, Seattle, Washington, November 1996 (with D. Tanner).

Biomedical and Native American Church Views of Language Recovery Following Traumatic Brain Injury. Paper presented to the Conference on Native American Philosophy, New Mexico Highlands University, Las Vegas, New Mexico, July 1996 (with D. Tanner).

Culture Care Theory and the Native American Church. Third Annual Symposium on Language, Culture and Education, Tuba City, AZ., September 1994 (With D. Tanner, and L. Weems).

Navajo vs. Hopi vs. English: Doing Community-Based Language Planning. Third Annual Symposium on Language, Culture and Education, Tuba City Unified School District, Tuba City, Arizona, September 1994 (with W. Palcich, C. Palcich, and K. Carriero).

The Home Front: Parental Support for Speech Therapy. Second Annual Symposium on Language, Culture and Education, Tuba City Unified School District, Tuba City, Arizona, September 1993.

Adjustment and Speech Recovery in CVA and TBI Patients. Presentation to the convention of the American Speech-Language-Hearing Association, Anaheim, California, November 1993 (with D. Tanner) .

Speech-Language Pathology Services in the Home. Open House Presentation program of the Instructive Visiting Nurse Association, Richmond, Virginia, October 1990.

Nursing Care for the Communicatively Disabled. Inservice presentation to the Instructive Visiting Nurse Association, Richmond, Virginia., January 1986.

Speech Therapy Assessment Care Plan. Project consultant, Instructive Visiting Nurse Association, Richmond, Virginia, March 1988.

Health Care Needs in Speech Language Pathology. Presentation to the medical advisory board, Instructive Visiting Nurse Association, Richmond, Virginia, September 1984.

Speech-Language and Hearing Screening for Nurses. Inservice presentation to the students in the department of nursing, Medical College of Virginia Department of Nursing, May 1984.

Performance-by-intensity functions of normal hearing children in two multiple choice type picture tests of speech discrimination. Culbertson, W. (1981). Unpublished doctoral dissertation, Michigan State University, E. Lansing, Michigan.

Voice Disorders in Children. Presentation to the Head Start program, Northern Arizona Council of Governments, Flagstaff, Arizona., October 1981.

Clinical Work-Study Summer Health Program presentations, Elizabeth City, North Carolina, June-August 1979.

Clinical Work-Study Summer Health Program presentations, Elizabeth City, North Carolina, June-August 1977.

Policy and Procedures Manual. Albemarle Regional Center for Communication Disorders, Elizabeth City, North Carolina, October 1977.

Hearing and Communication. Presentation to Health Careers Education Program, Roanoke Bible College, Elizabeth City, North Carolina, October 1977.

Musical performance of left-and-right hemisphere damaged patients. Unpublished master's thesis. Culbertson, W., (1975). Old Dominion University, Norfolk, Virginia.

Guest Lectures

ΔNeurology of Communication and Neurogenic Communication Disorders@: guest lecture to PT 560, Spring, 2001 - Present.

ΔA Career in Speech-Language Pathology or Audiology@ Guest lecture to Flagstaff High School and Coconino High School Orientation to Health Careers, Spring, 2001 - Present.

STUDENT SERVICES

Independent Studies Supervised as Chair

Wash, E. (2013). *Phonological Awareness in Spanish ESL Students*. Undergraduate Research Symposium Presentation.

Barsness, J.D. (2012). *Subjective Speaker Comparison: A Forensic Case Study*. Honors Day Presentation.

Larsen, J., and Seymore, J. (2010). *Subjective Speaker Identification*. Honors day Presentation.

Alford, R. (2009). *Dysphagia Malpractice Survey*. Honors Day Presentation.

Johnson, C. (2008). *Survey of Augmentative and Alternative Communication Device Usage*.

Murphy M. (2008). *Prevailing Methods Utilized in the Treatment of Dysfluencies in School-Aged Children in the Flagstaff Unified School District*.

Belilovskiy, M., Culbertson, W., Tanner, D. (2006). *Treatment Efficacy: Stuttering in Russia*.

Graham, K., Culbertson, W., and Tanner, D. *An approach to teaching spoken and written English to a Russian Speaker: a case involving a profoundly deaf Russian native*. Poster presented NAU Honors Convocation, March 29, 2004.

Nadeau, G., Culbertson, W., and Tanner, D. *Speech-language pathology assistant survey*. Poster presented NAU Honors Convocation, March 29, 2004.

Sabo, J., *Student attitudes towards ALS speech: a descriptive study*. Poster session presented to the Northern Arizona University Honors Convocation, April 8, 2003.

Hurley, S., Bekemeyer, M., Culbertson, W., and Tanner, D. (1999). *The need for speech pathology paraprofessionals*. Poster session presented to the Northern Arizona University Honors Convocation, April 15, 1999.

Saxton, C., Tanner, D., and Culbertson, W. (1998). *Effects of differing gas densities on the mucosal wave*. Poster session presented to the Northern Arizona University Honors Convocation, April 11, 1998.

Hurley, S., Culbertson, W., and Tanner, D. (1998). *Phonatory Characteristics of Schizophrenic Patients: Part II*. Poster session presented to the Northern Arizona University Honors Convocation, April 11, 1998.

Brodfuerher, D., Hurley, S., Culbertson, W. and Tanner, D. (1997). *Phonatory Characteristics of Schizophrenic Patients*. Poster session presented to the Northern Arizona University Festival of Science, September 27, 1997.

Lambrelli, C., Northern Arizona University, 1995. *Articulation test performance of patients with dysphagia*.

Hansen, L., Northern Arizona University, 1995. *The social and psychological status of patients with severe communication impairment: a speech-language pathology focus*.

Henry, T., Northern Arizona University, 1994. *Using dolls to teach children about cleft lip, Part II*.

Schroeder, A., Northern Arizona University, 1994. *Using dolls to teach children about cleft lip, Part I*.

Short, A., Northern Arizona University, 1993. *Dysphagia*.

Dean, S. , Northern Arizona University, 1993 . *Dysnomia*.

TEACHING EXPERIENCE

Michigan State University (MSU) Northern Arizona University (NAU)

- ASC 108 Voice and Articulation (MSU)
- SPT 161 Fundamentals of Oral Communication (NAU)
- SST 202 Introduction to Phonetics (NAU)
- SST 251 Anatomy and Physiology for Speech-Language Pathologists (NAU)
- ASC 276 Descriptive Phonetics (MSU)
- SST 350 Language Development (NAU)
- SPH 356 Introduction to Audiology (NAU)
- SST 375 Speech-Language Sciences (NAU)
- SST 405 Neurological Foundations of Speech, Language and Hearing (NAU)
- SPH 451 Clinical Practice in Speech/Language Pathology (NAU)
- SPH 454 Administration of School Speech/Language Programs (NAU)
- SST 455C Capstone: Survey of Speech Pathology (NAU)
- SPH 498 Seminar in Articulation Development and Disorders (NAU)
- SPH 505 Neurological Foundations of Speech, Language and Hearing (NAU)
- SPH 551 Neuropathologies of Speech (NAU)
- SPH 552 Aphasia and Related Disorders in Adults (NAU)
- SPH 554 Advanced Evaluation (NAU)
- SPH 555 Organic Speech Disorders (NAU)
- SPH 599 Advanced Clinical Methods (NAU)
- SPH 655 Administration of Speech and Hearing Agencies (NAU)
- SPH 652 Voice Disorders: Assessment and Treatment (NAU)
- PES 100 Physical Education (Aikido, NAU)

SUPERVISION of CLINICAL PRACTICUM

SPH 602 Clinical Practicum in Speech Pathology: Clinical Supervisor, 1993-1994; 1994-1995; Director of Summer Clinic: 1992-1995; Coordinator of off-campus sites: 1993-1995.

UNIVERSITY SERVICE

University Level:

2011-2014 Council on Faculty Rights and Responsibilities
 2010-2014 Sustainable Environmental Practices Action Team
 2010-2011 CHHS Representative to Assoc. V Prov. P and T Revision Committee
 2009-2010 Chair, Arizona Faculties Council
 2003-2014 Faculty Senator: Secretary, 2007-2008; Vice President, 2008-2009; President, 2009-2010; Past President, 2010-2011.
 2009-2011 Strategic Planning and Budget Council
 2008- Faculty Grievance Committee
 2008-2014 Parking and Shuttle Advisory Board
 2000-2009 University Assessment Committee
 2000-2003: Academic Chairs Council
 2000-2002: Faculty Development Committee
 1998-2001: Office for Teaching and Learning Effectiveness Advisory Council
 1997-1998: University Library Committee
 1997-1998: Faculty Subcommittee for Periodical Retention and Cancellation
 1997-1998: University WEB Steering Committee
 1996-1997: University Curriculum Committee
 1996-1999: Council on Support Services
 1993-1996: Parking Citation Appeals Board
 1994-1995: Substitute for L. Weems on University Curriculum Committee

College Level:

2110-2011 Promotion and Tenure Committee (Chair)
 2005-2006: Building Re-Design Committee
 2001-2002: Anatomy Committee (Chair)
 2000-2001: Distributed Learning Committee (Resigned in Fall, 2001 due to increased duties of Dept. Chair position.)
 Technology Committee (Resigned when I assumed Dept. Chair position.)
 Anatomy Committee (Organized the committee and served as Chair)
 Search Committees: Senior Systems Analyst; Office Automation Specialist
 1999-2000: Technology Committee (Chair)
 Promotion and Tenure Committee
 Search Committee: Senior Systems Analyst
 1996-1998: College Scholarship Committee
 1997-1999: College Instructional Technology Committee (Chair, 1998-1999)
 1996-1998: Technical Consultant for Multimedia Classroom, College of Health Professions
 1993-1995: College Minority Recruitment and Retention Committee
 1995-1996: College Diversity Committee
 1993-1997: Miscellaneous Presentations for Recruitment of Students in the Health Professions, on and off Campus.

Department Level:

2004- Health Sciences Assessment Coordinator
2004- Program Coordinator: Speech-Language Sciences and Technology
2006- Faculty Status Committee (Chair, 2010)
2006- Annual Review Committee (Chair)
2006-2007: Search Committee: Full-time faculty member
2005-2006 Search Committees: Department chair; two full-time faculty members
2002-2003 Department Degree Audit Representative
1998-2000: Undergraduate Curriculum Committee
1993-2000: Library Representative
Department Logistics
1996-1998: Graduate Curriculum Committee
1994-1995: Chair: Search Committee for Assistant/Associate Professor of Audiology (hire: Fall, 1995)
1993-1994: Brochure Committee
Chair: Search Committee: Assistant Professor of Speech/Language Pathology with emphasis in multicultural affairs (hire: Fall, 1994)
Chair: Search Committee for Assistant Professor of Audiology (search continued in 1994)
Chair: Search Committee for Assistant/Associate Professor of Audiology (hire: Spring, 1996)
Pedagogue for clinical practice experience for graduate students at Flagstaff Medical Center.
Coordinated development of neonatal auditory screening project with Children=s Rehabilitation Services (and K. Lynn)

PROFESSIONAL SERVICE

2008-2009 Proctor: Rocky Mountain University of Health Professions

2003-Present: Chair, Professional Advisory Board, HRSA-Funded SLP Assistant Program

2003: Represented NAU at ASHA Legislative Council for Support Personnel, Annual Meeting, Chicago, IL.

Peer Reviewer:

2007: *Theoretical Considerations in Creating Comprehensive Computerized Speaker Profiling* (4th International Conference on Computing, Communications and Control Technologies)

2004: *Preventing Medical Errors* (Professional Development Resources, inc.)

2004: *Research and Statistical Methods in Communicative Disorders* (Delmar Learning Publishers)

2002: *Case Studies in Communication* (Merrill Prentice-Hall)

2000: *Neuroscience for Rehabilitation* (Prentice Hall)

CONTINUING EDUCATION

28th Conference: "Learning and the Brain," San Francisco, CA, Feb., 2011.

Annual Meeting of Association of Schools of Allied Health Professions (ASAHP), San Diego, CA., 2007.

Assessment Workshop with Linda Suskie. Office of Academic Assessment, NAU, November 10, 2005.

ΔMedia Choices for Online Courses.Ⓞ Center for Technology Enhanced Learning workshop, NAU, February 9, 2004.

Web C.T. 101. Center for Technology Enhanced Learning workshop, NAU, January, 2004.

Facilitating Success for All Learners: What Do Cognitive Science and Neuroscience Tell Us? Program to enhance and ensure learning for students with disabilities. University Teaching Center, University of Arizona. Presented at NAU October 9, 2003.

Establishing and Assessing Student Learning Outcomes. Council on Academic Accreditation in Audiology and Speech-Language Pathology. Chicago, Il., September 26, 2002.

Council of Academic Programs in Communication Sciences and Disorders Annual Meeting, 2002: Workshop for Program Directors and Faculty, Chairs: New and Used, Web-Based Technology for the Clinic. Retaining Students: New Questions and Fresh Perspectives. Teleconference #1, National Resource Center for the First-Year Experience & Students in Transition. March 7. 2002.

Chairing the Academic Department: A Workshop for Division and Department Chairs and Deans. American Council on Higher Education, February 20-23, 2002.

9th Manchester Phonology Meeting, University of Manchester, England, 24-26 May, 2001.

Making Meaning: Literacy Strategies for Students with Special Needs Workshop. Northern Arizona University, July 20, 2001.

Council of Academic Programs in Communication Sciences and Disorders Annual Meeting: 2001: "Setting the Stage for Standards," "Successful Management of a Communication Sciences and Disorders Program," and "The Challenge of Managing Off-Campus Practicum."

Training: Corporate Time schedule management software. October, 2000.

Understanding and Enhancing Communication and Language for Young Children with Autism Spectrum Disorders. Northern Arizona University. Flagstaff, AZ. July 27-28, 2000.

Workshop: Casablanca non-linear video editing for classroom teaching. Sedona, AZ., July 16-17, 1998.

Identifying and Applying for Federal, Foundation and Corporate Grants. RAMS-FIE seminar, San Diego, CA., February 20, 1998.

Proposal Writing for Faculty and Researchers. RAMS-FIE seminar, San Diego, CA., February 21, 1998.

Internet Workshop on Human Conceptual and Mental Development. Institute for Human Conceptual and Mental Development, Ottawa, On., October 27- December 5, 1997.

NAU/web.97: Current Practices in Web-Based Course Development. Northern Arizona University, Flagstaff, Az., June 12-15, 1997.

United Nations University/Institute of Advanced Studies Electronic Workshop on the Future of Higher Education and Learning, (participant) 14 April - May 9, 1997.

Simulated Minority Admission Exercise (Association of American Medical Colleges). Northern Arizona University, Flagstaff, AZ., April 11, 1997.

Visions of the Future: Distance Learning for the 21st Century. Workshop hosted by Texas Tech. University, Lubbock, TX., March 2-4, 1997.

Teaching-Learning Computer Conferencing Internet Workshop, University of Western Ontario, November, 1996.

Augmentative Communication for Young Children: Engineering Environments for Success. Workshop at Northern Arizona University Institute for Human Development, March 1995.

Internet Workshops: Introductory; Gopher; Discussion Groups, February 8, 16, 22, 1995.

Teacher Improvement Project System (TIPS) workshop at Northern Arizona University, October 18-20, 1994.

Annual Symposiums on Language, Culture and Education, Tuba City, Az., September 1993 and 1994.

Presentation on facilitative communication techniques, Northern Arizona University Department of Speech Pathology, October 1993.

All-in One training (E-mail) November 1993.

In service Training, Flagstaff (Az.) Medical Center: Auditory Evoked Response Screening in Neonates, July, 1993.

In service training, Prescott, Az.. Unified School District: Public law and Management of Disruptive Behavior in School-Aged Children, March, 1993.

Annual Meetings of the American Speech-Language Hearing Association, 1989; 1991; 1993, 1996, 1997; 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2011.