Curriculum Vitae KIM A. WILCOX

CURRENT POSITION

Chancellor, University of California, Riverside

4108 Hinderaker Hall 900 University Avenue Riverside, CA 92521 951-827-5201 chancellor@ucr.edu

ACADEMIC DEGREES

1980	Doctor of Philosophy	Purdue University	Speech and Hearing Science
1978	Master of Science	Purdue University	Speech and Hearing Science
1976	Bachelor of Arts	Michigan State University	Honors College - Audiology and
			Speech Sciences

HONORS AND AWARDS

College of Health and Human Services Distinguished Alumni Award, Purdue University, 2016 Golden Key, 2014

Diversity Champion, American Speech-Language-Hearing Association, 2009

Fellow, American Speech-Language-Hearing Association, 2008

College of Communication Arts and Sciences Outstanding Alumni Award, Michigan State University, 2006

Award of Appreciation, Council of Academic Programs in Communication Sciences and Disorders, 2000

Distinguished Leadership Award, University of Kansas, Department of Speech-Language-Hearing, 2000

University of Kansas Senior Class, HOPE - Honorable Outstanding Progressive Educator Award, Finalist, 1997

Fellow, American Council on Education, 1996-1997

Vice Chancellor Fellow, University of Kansas, 1994-1995

Sigma Xi, Scientific Honorary, 1989

Chancellor's Award for Excellence in Teaching, University of Kansas, 1988

Outstanding Teacher in Speech Pathology/Audiology, University of Missouri, 1983, 1984

Alpha Eta, Allied Health Honorary, 1982

Graduation with High Honors, Michigan State University 1976

Beta Beta Beta, Biological Sciences Honorary, 1974

PROFESSIONAL EXPERIENCE

University of California, Riverside

Chancellor 2013-present

Professor, Department of Psychology, 2013-present

Board of Directors, UCR Foundation, 2013-present

Board of Directors, Big West Conference, 2013-present

Chair, 2015-present

Board of Directors, Casa de California, 2015-present

Michigan State University

Provost and Executive Vice President, 2005-2013

Professor, Department of Communicative Sciences and Disorders, 2005-2013

Board of Directors, Michigan State University Foundation, 2005-2012

Board of Directors, Spectrum Health-MSU Alliance Corporation, 2006-2012

Board of Directors, Committee on Institutional Cooperation (presently Big Ten Academic

Alliance) 2005-2012

Executive Committee, 2007-2012

Board Chair, 2012

TrendStar Funds

Board of Directors, 2005-2009

University of Kansas

Dean, College of Liberal Arts and Sciences, 2002-2005

Vice Provost for General Education Coordination, 2003-2005

Board of Directors, Kansas University Center for Research, 2002-2005

Board of Directors, Merrill Advanced Studies Center, 2003-2005

Kansas Board of Regents

President and CEO, 1999-2002

Interim Executive Director, 1999

Interim Director of Academic Affairs, 1998-1999

Kansas Inc, Board of Directors, 1999-2002

Midwest Higher Education Commission, Commissioner, 1999-2002

Distributed Learning Workshop, Board of Directors, 2000-2002

University of Kansas

Professor, 1995-1999, 2002-2005

Associate Professor, 1987-1995

Assistant Professor, 1984-1987

Research Associate, Schiefelbusch Institute for Life Span Studies, 1984-1999

Chair, Department of Speech-Language-Hearing: Sciences and Disorders, 1989-1999

Co-Director, Intercampus Program in Communicative Disorders, 1989-1999

Acting Chair, Department of Speech-Language-Hearing: Sciences and Disorders, 1988-1989

Acting Co-Director, Intercampus Program in Communicative Disorders, 1988-1989

Director, Applied Communicative Sciences Laboratory, 1985-1999

Co-Director, Language Acquisition Preschool, 1986-1993

Director, Native American Training Program, 1991-1999

Special Counsel to the Chancellor for Strategic Initiatives, 1997-1998

University of Missouri-Columbia

Assistant Professor, 1980-1984

Consultant, Mid-Missouri Human Development Corp., Project Headstart, 1980-1983

Purdue University

Research Assistant, 1977-1980

Michigan State University

Undergraduate Teaching Assistant, 1976

ADMINISTRATIVE EXPERIENCE

Chancellor, University of California, Riverside, 2013-present

Chief Executive Officer of campus with nearly 23,000 students and 7,500 faculty and staff. Initiatives include:

- Addition of 300 faculty members
- Expansion of research programs with focus on interdisciplinary efforts
- Implementation of UCR 2020 Strategic Plan
- "Graduate in Four" Initiative
- Reorganization of administrative units and processes, including: planning and budgets, capital programs, and human resources
- Creation of an institutional international focus with the addition of a chief international officer
- Advancing newly created School of Medicine and School of Public Policy
- Development of Campus Physical Master Plan and rethinking of future campus configuration
- Revitalization of Intercollegiate Athletics
- Leading system-wide UC-Mexico Initiative

Provost and Executive Vice President, Michigan State University, 2005-2013

Chief Academic Officer with oversight responsibilities for more than 200 academic programs, nearly 49,000 students, and nearly 5,000 faculty and academic staff. Institutional initiatives during this period include:

- Implementation of Boldness by Design, President's strategic positioning initiative
- Implementation of *Shaping the Future*, institutional restructuring program
- Completion of \$1.4B capital campaign in 2006
 - o Chair, University Campaign Strategy Committee preparing for subsequent capital campaign
- Grew grants and contracts activities to nearly \$500M
- Added 100 new faculty positions

- Created two new colleges: College of Music and Residential College in the Arts and Humanities
- Restructured university budgeting and accountability systems
- Selected as site for U.S. Department of Energy's \$550M Facility for Rare Isotope Beams
- Selected as member of Higher Education Solutions Network by USAID
- Implemented campus-wide academic program review system
- Instituted academic minors as program offerings
- Revised University Bylaws for Academic Governance
- Redesigned student support services
- Expanded the University's two medical colleges into Grand Rapids and Detroit
- Expanded economic development impact of the University across the state
- Expanded and refocused international programming
 - Strengthened institutional partnerships Africa, China, Brazil, Turkey, Central Asia, SE Asia
 - o Created network of Counsels General
 - Created new instructional site in Dubai

Dean, College of Liberal Arts and Sciences, University of Kansas, 2002-2005

Dean of the largest academic unit at the University, comprising approximately 18,000 students, 580 faculty, and more than 50 departments and programs.

- Led College strategic planning effort as part of campus initiative to add 100 new faculty to the University
- Led College fundraising initiative as part of \$650M University Capital Campaign
- Created a new Program in Bioinformatics
- Redesigned College outreach activities
- Managed significant cuts in state appropriations in first year
- Re-engineered administrative services:
 - o Crafted information technology support program for College faculty and staff
 - o Developed and implemented undergraduate student advising plan
 - o Implemented information-based decision-making processes

Vice Provost for General Education Coordination, University of Kansas, 2003-2005

- Coordinated the University's general education curriculum.
- Led a comprehensive general education review, including:
 - o Alignment of course offerings with general education goals
 - o Effectiveness of coordination structures
 - o Integration of appropriate assessment processes

President and CEO, Kansas Board of Regents, 1999-2002

Chief Executive Officer for the Board of Regents, the governing body for Kansas' six state universities and the coordinating board for the state universities, 19 community colleges, 10 technical schools and colleges, and one municipal university; with a combined enrollment of over 150,000 students. Assumed position at the beginning of a major reorganization of higher education in the State of Kansas.

- Oversaw the creation of an integrated higher education system for the state
- Responsible for:
 - o Higher education advocacy with the executive and legislative branches
 - o Development of an annual budget request of approximately \$750M
 - o Long-range planning for the system
 - o Development and administration of system-wide academic policies
 - o Administration of operating grants for the 36 public post-secondary institutions
 - Administration of \$33M operating budget including state programs in: Adult Basic Education, GED, Student Financial Aid, and Post-Secondary Perkins Vocational Education Program
- Directed significant program growth
 - Revised funding protocols for higher education, including: implementation of operating grants and tuition ownership at the six state universities, and initiation of performance funding for all 36 public post-secondary institutions
 - o Successfully advocated for a \$125M legislative research construction program
 - Implemented a Faculty of Distinction Program matching privately funded endowed professorships with state funds
 - Initiated KAN-ED, a statewide distance learning network for K-12, higher education, libraries and hospitals
 - o Initiated the Kansas Post-Secondary Database System
 - o Initiated the Kansas Regents On-Line Course Catalog

Interim Director of Academic Affairs, Kansas Board of Regents, 1998-1999

Responsibilities included: coordination of system-wide academic planning for the six state universities; academic program review; administration of degree-granting authority for non-public and out-of-state institutions; coordination of non-budget academic information with legislators, legislative committees, and other state agencies.

- Developed new academic program review system, focusing on campus-based decisionmaking
- Revised reporting mechanisms for undergraduate admissions and for distance education

Special Counsel to the Chancellor for Strategic Initiatives, University of Kansas, 1997-1998

Assisted with strategic planning on the four campuses of the University. Primary duties focused on facilitating the development of university goals and the participation of faculty and staff in the planning process.

American Council on Education Fellow, Indiana University, 1996-1997

Served on the staff of the President of Indiana University and the Chancellor of Indiana University-Bloomington as part of a one-year administrative internship. Activities focused on institutional planning and the implementation of a multi-campus strategic plan.

Chair, Department of Speech-Language-Hearing, University of Kansas, 1989-1999

Responsible for administrative functions of the department. In addition, to the department's own research and instructional programs, faculty in the Department of Speech-Language-Hearing worked closely with colleagues in seven other departments in administering several cooperative degree programs, as well as joint research and instructional laboratories. The department also operated a comprehensive speech-language-hearing clinic.

- Oversaw period of significant growth in enrollment and external funding
- Enhanced department diversity
- Re-engineered Speech-Language-Hearing Clinic operation and administration

Co-Director, Intercampus Program in Communicative Disorders, University of Kansas, 1989-1999

Responsibility for administration of a cooperative graduate program between the Department of Speech-Language-Hearing and the Department of Hearing and Speech at the University of Kansas Medical Center.

Director, Native American Training Program, University of Kansas, 1991-1999

Created the Native American Training Program (NATP), a collaboration of the Department of Speech-Language-Hearing at the University of Kansas and Haskell Indian Nations University. NATP students and alumni represented indigenous nations from across the U.S. and its territories.

- Secured over \$980K in federal support for program over nine years
- Created curricular enhancements and student support systems

GRANTS FUNDED

- Center for Academic and Future Faculty Excellence (CAFFE) Innovation through Institutional Integration (I3). National Science Foundation, 2009-2013, \$1,400,000. Co-PI's Karen Klomparens and Kim A. Wilcox
- Advancing Diversity through Alignment of Policies and Practices (ADAPP) ADVANCE. National Science Foundation, 2008-2013, \$3,980,000. PI: Kim A. Wilcox
- First Nations Step Ahead Health Careers Opportunity Program. HRSA, Bureau of Health Professions, 1998-2001, \$418,092. PI: Kim A. Wilcox
- Undergraduate Instructional Laboratory in Phonetics and Speech Science. National Science Foundation, 1996-1998, \$85,000. Co-PI's: Kim A. Wilcox and Clifton Pye

- Training Researchers in Language Impairments. National Institute on Deafness and Other Communication Disorders, 1995-2000, \$424,659. PI: Mabel L. Rice, Project Coordinator: Kim A. Wilcox
- Training Personnel for the Education of the Handicapped: Integrated, Interdisciplinary
 Leadership Personnel Training for Early Childhood Language Intervention. U.S.
 Department of Education, 1995-2000, \$464,155. PI: Mabel L. Rice, Project Coordinator:
 Kim A. Wilcox
- Native American Training Program. U.S. Department of Education, 1992-1996, \$571,723. PI: Kim A. Wilcox
- Localization of Infant Cries, University of Kansas Biomedical Research Support Grant. 1990-1991, \$4,860. PI's: Kim A. Wilcox and Diana K. Comuzzie
- Training Leaders in Early Childhood Language Facilitation. U.S. Department of Education, 1989-1994, \$540,000. PI: Mabel L. Rice, Project Coordinator: Kim A. Wilcox
- Verbal Interactive Skills Training for Transitions. U.S. Department of Education, 1988-1993, \$169,000. PI's: Mabel L. Rice and Kim A. Wilcox.
- Alarm Calls in Humans: An Application of the Avian Model. University of Kansas Biomedical Research Support Grant, 1988-1989, \$800. PI's: Kim A. Wilcox and Diana K. Comuzzie
- A Digital Speech Spectrograph, University of Kansas Small Instrumentation Program. 1988, \$19,000. PI: Susan Kemper, Project Coordinator: Kim A. Wilcox
- Video Resources for Speech-Language-Hearing Clinical Research. University of Kansas Biomedical Research Support Grant, 1987-1988, \$2,400. PI: Kim A. Wilcox
- A Longitudinal Analysis of the Speech Deterioration Associated with Amyotrophic Lateral Sclerosis, University of Kansas Undergraduate Research Program, 1987, \$200. Student Scholar: Janet Davis, Faculty Sponsor: Kim A. Wilcox
- LAP: A Model Preschool for Language Disordered Children and ESL Children. U.S. Department of Education, Handicapped Children's Early Education Program, 1986- 1989, \$340,639. Co-PI's: Mabel L. Rice and Kim A. Wilcox
- The Development of an Oral Interferometric Analysis System, University of Kansas General Research Fund. 1986-1987, \$5,022. PI: Kim A. Wilcox
- The Prosodic Characteristics of the Speech of a Hearing Child of Deaf Parents. University of Kansas General Research Fund, 1985-1986, \$5,025. PI: Kim A. Wilcox
- Objective Measures of Speech Dysarthria Associated with ALS: Perception and Production. Regional ALS Research Center of Kansas City, 1985-1986, \$4,973. PI's: Kim A. Wilcox and Anthony J. Caruso
- Temporal Measures of Speech Dysarthria Associated with ALS. University of Kansas Biomedical Research Support Grant, 1985, \$7,847. PI's: Kim A. Wilcox and Anthony J. Caruso
- Acoustic Analysis of the Speech of the Aged. University of Kansas General Research Fund, 1984-1985, \$4,495. PI: Kim A. Wilcox
- A Longitudinal Acoustic Analysis of Aging Voice. University of Missouri Biomedical Research Support Grant, 1983-1984, \$1,975. PI: Kim A. Wilcox

PROFESSIONAL AFFILIATIONS

Acoustical Society of America, 1978-present

American Association of Phonetic Sciences, 1978-2010

American Association of University Professors, 1995-2015

American Speech-Language-Hearing Association, 1976-present

Special Interest Divisions:

Issues in Higher Education

Speech Science and Structurally Based Speech Disorders

Language Acquisition and Disorders of Language Acquisition

Association of American Colleges and Universities, Institutional Representative, 2002-2005

California Speech-Language-Hearing Association, 2016-present

Computer Users in Speech and Hearing, 1988-1993

Council of Colleges of Arts and Sciences, 2002-2005

Council on Competitiveness, 2014-present

International Clinical Linguistics & Phonetics Association, 1991-1999

International Phonetic Association, 1998-2005

International Society of Phonetic Sciences, 1979-2003

Kansas Speech-Language-Hearing Association, 1984-2005

Michigan Speech-Language-Hearing Association, 2005-2013

Missouri Speech-Language-Hearing Association, 1980-1984

National Association of System Heads, 1999-2002

National Indian Education Association, 1992-1999

New York Academy of Sciences, 1996-2004

State Higher Education Executive Officers, 1999-2002

SELECTED PROFESSIONAL SERVICE

Alpha Eta, Allied Health Honorary

Chapter President, University of Missouri, 1983-1984

American Association of Phonetic Sciences

Chair, Committee on Phonetics Instruction, 1990-1992

American Council on Education

Council of Fellows Executive Committee, 2003-2005

American Speech-Language-Hearing Association,

Co-Chair, Joint Ad Hoc Committee on the Shortage of Ph.D. Students and Faculty in Communication Sciences and Disorders, 2001-2002

Publications Board, 1998-2001

Chair, Committee on Speech Science Curriculum Development, SID #5, 1993-1995

Program Committee, Annual Convention 1982, 1986, 1988

Association of Public and Land-Grant Universities

Executive Board, 2014-2016

Chair, Commission on Information Management and Assessment, 2014-2016

US-Mexico Committee, 2016-Present

Executive Committee, Council on Academic Affairs, 2009-2013

Council of Academic Programs in Communication Sciences and Disorders:

Executive Board, 1997-2000

President, 1998-1999

Conference Chair, 1997; Co-Chair, 1996

Task Force on Undergraduate-Only Programs, 1993-1994

Long-Range Planning Committee, 1992-1993

Publications Committee, 1989-1991

Kansas Speech-Language-Hearing Association

Student Research Committee, 1994-1998; Chair, 1997-1998

Nominating Committee, 1988-1989

Korean Journal of Speech Sciences, 2004-2006

Advisory Committee

Midwestern Higher Education Commission, 1999-2002

Commission Meeting Planning Committee, 2001

National Collegiate Athletic Association, Presidential Forum, 2015-present

Steering Committee, 2016-present

Sigma Xi, Scientific Honorary

Chapter Treasurer, University of Kansas, 1990-1993

State Higher Education Executive Officers, 1999-2002

Federal Relations Committee, Vice Chair, 2001 - 2002

Academic Policy Committee

Financial Policy Committee

Grant Review Panel Member:

National Science Foundation, Division of Undergraduate Education, 1997, 1999

U.S. Department of Education, Office of Special Education Programs, 1995

Kansas Department of Health and Environment, 1994

Associate Editor:

Journal of Speech, Language, Hearing Research, 1998-1999 (Guest editor)

Language, Speech, and Hearing Services in Schools, 1987-1990

Occasional Reviewer:

Child Development, Volta Review, American Journal of Mental Deficiency, Research in Developmental Disabilities

Editorial Consultant:

Journal of Speech, Language, Hearing Research, 2003

American Journal of Speech-Language Pathology, 1996-2001

Journal of Speech and Hearing Research, 1995-1996

Language, Speech, and Hearing Services in Schools, 1985-1987, 1990-1999

Journal of Speech and Hearing Disorders, 1985-1991 Programmatic Consultant:

Department of Speech and Hearing Sciences, Indiana University, 1996-97, 2013
Department of Communicative Disorders, University of Central Florida, 2003
Department of Communication Sciences and Disorders, University of Texas, 1998
Program in Speech Pathology-Audiology, University of Oregon, 1995
Division of Speech and Hearing Science, The Ohio State University, 1993
Department of Communication Disorders, Fort Hays State University, 1986 1990

PROFESSIONAL CREDENTIALS

Certificate of Clinical Competence in Speech-Language Pathology American Speech-Language-Hearing Association, 1982-2012 Kansas License in Speech-Language Pathology, 1993-2005 Missouri License in Speech-Language Pathology, 1982-1984

PUBLICATIONS

Articles

- Wilcox, K.A. & Ray, E.J. (2015). Embracing Failure to Spur Success: A New Collaborative Innovation Model. *EDUCAUSE Review*, March/April.
- Wilcox, K.A. & Curry, T.H. (2014). Employing Diverse Strategies. *International Innovation*, #132, 96-97.
- Youatt, J.P. & Wilcox, K.A. (2008). Intentional and Integrated Learning in a New Cognitive Age: A Signature Pedagogy for Undergraduate Education in the Twenty-First Century. *Peer Review*, *10*, 24-26.
- O'Hanlon, L., Wilcox, K. A., & Kemper, S. (2005). Aging and word retrieval: Distinguishing phonological and memory processes. *Experimental Aging Research*, *31*, 149-171.
- Wilcox, K.A. (2004). The role of speech and hearing sciences in a clinical world. *Perspectives on Speech Science and Orofacial Disorders, No.14*, 2, 3-5
- Scott, C. M. & Wilcox, K. A. (2002). The PhD in CSD. The ASHA Leader, 7, 4-6
- O'Hanlon, L., Wilcox, K. A., & Kemper, S. (2001). Age differences in implicit and explicit memory: Exploring elaborative processing effects. *Experimental Aging Research*, 27, 341-359.
- Wilcox, K. A., Morris, S. R., & O'Hanlon, L. (2001). Normal Articulatory Variation in American English: Implications for Diagnosis. *Proceedings of the International Conference on Speech Processing 2001*. Daejon, Korea: Acoustical Society of Korea.
- Murphy, D. R., McDowd, J. M., & Wilcox, K. A. (1999). Inhibition and aging: Similarities between younger and older adults as revealed by the processing of unattended auditory information. *Psychology and Aging*, *14*, 44-59.

- Wilcox, K. A. (1998). CSD Professoriate for the 21st Century. In Murphy, P., Bliss, L., McGuire, R. (Eds.). *Proceedings of the Eleventh Annual Conference on Graduate Education*. Minneapolis, MN: Council of Graduate Programs in Communication Sciences and Disorders.
- Comuzzie, D. K. C., Wilcox, K. A., Porter-Knox, J. A. & Murray, A. D. (1997). A comparison of the pain cry acoustics of an infant who died of Sudden Infant Death Syndrome (SIDS) and of other high-risk and low-risk newborn infants. *Liberal Arts Review*, 1, 57-65.
- Wilcox, K. A. (1995). Speech science curriculum survey. Special Interest Division V, Speech Science and Orofacial Disorders, No.1, 2-4.
- Schuele, C. M., Rice, M. L., & Wilcox, K. A. (1995). Redirects: A strategy to increase peer initiations. *Journal of Speech and Hearing Research*, *38*, 1319-1333.
- Morris, S. R., Wilcox, K. A., & Schooling, T. L. (1995). The preschool speech intelligibility measure. *The American Journal of Speech-Language Pathology*, *4*, 22-28
- Wilcox, K. A. (1995). An Innovative M.A. Speech-Language Pathology Curriculum. *Asha*, 37;9, 49-51.
- Siren, K. A. & Wilcox, K. A. (1995). Coarticulation: Developmental, linguistic and practice factors. *Journal of Speech and Hearing Research*, *38*, 351-359.
- Hadley, P. A., Wilcox, K. A., & Rice, M. L. (1994). Talking at School: Teacher Expectations in Preschool and Kindergarten. *Early Childhood Research Quarterly*, *9*, 111-129.
- Rice, M. L., Wilcox, K. A., & Hadley, P. A. (1992). Promoting successful transition into school: The role of language and social intervention skills. In *Conference Proceedings--New Directions in Child and Family Research: Shaping Head Start in the 90's* (pp. 320-322). Washington, DC: Administration on Children, Youth and Families, U.S. Dept. of Health and Human Services.
- Seikel, J. A., Wilcox, K. A., & Davis, J., (1991). Dysarthria of Motor Neuron Disease: Longitudinal measures of segmental durations. *Journal of Communication Disorders*, 24, 393-409.
- Seikel, J. A., Wilcox, K. A., & Davis, J., (1990). Dysarthria of Motor Neuron Disease: Clinician judgments of severity. *Journal of Communication Disorders*, 23, 417-431.
- Siren, K. A. & Wilcox, K. A., (1990) A comparison of phonetic and orthographic transcription methods. *Child Language Teaching and Therapy*, *6*, 127-146.
- Wilcox, K. A. (1989), Voice Disorders in Children: An Introduction. *Language, Speech, and Hearing Services in the Schools*, 20, 93.
- Wilcox, K. A., & Aasby, S. M. (1988). The performance of monolingual and bilingual children on the TACL. *Language, Speech, and Hearing Services in the Schools*, 19, 34-41.
- Pye, C., Wilcox, K. A., & Siren, K. A. (1988). Refining transcriptions: The significance of transcriber 'errors'. *Journal of Child Language*, 15, 17-37.
- Drumright, D. G., Seikel, J. A., & Wilcox, K. A. (1988). Speech signal acquisition and analysis using a microcomputer. *Computer Users in Speech and Hearing*, 4, 23-32.
- Whites, M. M. & Wilcox, K. A. (1986). Auditory processing abilities in a group of language learning disabled children. *Working Papers in Language Development*, 1.

- Wilcox, K. A., Stephens, M. I., & Daniloff, R. G. (1985). Mandibular position during children's defective /s/ productions. *Journal of Communication Disorders*, *18*, 273-283.
- Kramer, M. B., Hoffman, P. R., Daniloff, R. G., & Wilcox, K. A. (1982). Effects of lingual anesthetization upon lingua-labial coarticulation. *Phonetica*, *39*, 83-90.
- Wilcox, K. A., & Stephens, M. I. (1982). Children's identification of their own /s/misarticulations. *Journal of Communication Disorders*, 15, 127-134.
- Fey, M. E., Leonard, L. B., & Wilcox, K. A. (1981). Speech style modifications of language impaired children. *Journal of Speech and Hearing Disorders*, 46, 91-97.
- Daniloff, R. G., Wilcox, K. A., & Stephens, M. I. (1980). Acoustic correlates of s/-misarticulating children. *Journal of Communication Disorders*, *13*, 347-363. *Reprinted in:* Baken, R. J. & Daniloff, R. G. (Eds.) *Readings in Clinical Spectrography of Speech* San Diego, CA: Singular Publishing Group and Pine Brook, NJ: Kay Elemetrics. Inc. (1991).
- Wilcox, K. A., & Horii, Y., (1980). Age and changes in vocal jitter. *Journal of Gerontology*, 35, 194-198.

Books and Monographs

- Rice, M. L. & Wilcox, K. A. (Eds.) (1995). Building a Language-Focused Curriculum for the *Preschool Classroom, Volume I: A Foundation for Lifelong Communication*. Baltimore, MD: Brookes Publishing Co.
- Ripich, D. N., Mendell, M., & Wilcox, K. A. (Eds.). (1991). *Proceedings of the Twelth Annual Conference on Graduate Education*. Minneapolis, MN: Council of Graduate Programs in Communication Sciences and Disorders.
- Ripich, D. N., McClelland, W., Wilcox, K. A. (Eds.). (1990). *Proceedings of the Eleventh Annual Conference on Graduate Education*. Minneapolis, MN: Council of Graduate Programs in Communication Sciences and Disorders.

Book Chapters

- Wilcox, K. A., Morris, S. R., Speaker, K. D., & Catts, H. W. (1996). The effect of Syllable Shape on Articulatory Rate and Stability. In T. W. Powell (Ed.) *Pathologies of Speech and Language: Contributions of Clinical Phonetics and Linguistics*. New Orleans: International Clinical Phonetics and Linguistics Association.
- Catts, H. W., Wilcox, K. A., Wood-Jackson, C., Larrivee, L. S., & Scott, V. G., (1995). Toward an understanding of phonological awareness. In C. K. Leong & R. M. Joshi (Eds.). *Cross-Language Studies of Learning to Read and Spell: Phonologic and Orthographic Processing.* Dordrecht: Kluwer Academic Publishers.
- Wilcox, K. A. & Morris, S. R. (1995). Speech intervention in a language-focused curriculum. In Rice, M. L. & Wilcox, K. A. (Eds.). *Building a Language-Focused Curriculum for the Preschool Classroom, Volume I: A Foundation for Lifelong Communication*. Baltimore, MD: Brookes Publishing Co.

- Wilcox, K. A. & Morris, S. R. (1995). Speech outcomes of the language-focused curriculum. In Rice, M. L. & Wilcox, K. A. (Eds.). *Building a Language-Focused Curriculum for the Preschool Classroom, Volume I: A Foundation for Lifelong Communication*. Baltimore, MD: Brookes Publishing Co.
- Wilcox, K. A., Daniloff, R. G., & Ali, L. (1984). Speech sound discrimination in /s/-misarticulating children. In R. G. Daniloff (ed.), *Articulation Assessment and Treatment Issues*, San Diego: College-Hill Press.

Curricular and Diagnostic Materials

- Wilcox, K. A. & Morris, S. R. (1999). *The Preschool Speech Intelligibility Measure*. San Antonio: The Psychological Corporation.
- Wilcox, K. A., Siren, K. A. & Morris, S. R. (1989; rev.1992). Independent Study Course: SPLH 261/761 Communication Disorders. University of Kansas, Office of Continuing Education.

Opinions-Editorials

- Wilcox, K.A. (November 14, 2016). College rankings miss the point of university. *Lake Tahoe News*.
- Wilcox, K.A. (November 11, 2016). Media rankings don't address crucial qualities of universities. *San Diego Union Tribune*.
- Wilcox, K.A. (October 24, 2016). Why College Rankings Are Anti-Diversity. *Zocalo Public Square*.
- Wilcox, K.A. (September 9, 2015). UC Riverside vs. U.S. News: A university leader scoffs at the rankings. Interview in *The Washington Post*.
- Wilcox, K.A. (April 10, 2014). Reaching Parity in Student Success. Online interview in *Chronicle of Higher Education*.
- Wilcox, K.A. (September 9, 2014). The Four-Year Degree a Myth. Sacramento Bee.
- Wilcox, K.A. (July 12, 2013). Catching the Foul Balls. *Inside Higher Education*.

INVITED PRESENTATIONS

- Wilcox, K.A. (2016). Clearing the Path on *The Endless Frontier*. Merrill Advanced Study Center, Nebraska City, NE.
- Morales, T., Talavera, J., & Wilcox, K.A., (2016). Workshop on Leadership and Ethics in Global Education. Panel presentation: Consejo Latinoamericano de Escuelas de Administracion. San Bernardino, CA.
- Wilcox, K.A. (2016). Good Morning Riverside. Keynote address. Greater Riverside Chambers of Commerce, Riverside, CA.
- Block, G., Suarez-Orozco, M., & Wilcox, K.A. (2016). From Local to Global: Public Research Universities in the 21st Century. Panel presentation: American Academy of Arts & Sciences, Los Angeles, CA.

- Barton, R., Berman, R., Oved, & Wilcox, K.A. (2014). Responding to Anti-Israel and Anti-Semitism on Campus. Panel presentation: Annual Meeting of the National Commission of the Anti-Defamation League, Los Angeles, CA.
- Alcocer, M.C., Arnal, L., Garciadiego, J., Leon-Garcia, F., & Wilcox, K.A (2014). Social and Educational Inclusion-Quality in Education for All. Panel presentation: Mexico as a Global Player. Council on Foreign Relations. New York, NY
- Lyon, M., Sandeen, C., White, T., Wilcox, K.A., (2014). Higher Education Challenges and Opportunities in the Golden State. Panel presentation: American Council on Education, San Diego, CA
- Wilcox, K.A. (2010). U.S. Perspectives on International Engagement. British Council. London, England
- Wilcox, K.A. (2008). The Future of Undergraduate Education. Council of Academic Programs in Communication Sciences and Disorders, Palm Harbor, FL.
- Wilcox, K. A. (2003). Victim of Success: A Disciplinary Case Study. Merrill Advanced Studies Center, Valley Falls, KS.
- Wilcox, K. A. (2001). Normal Articulatory Variation in American English: Implications for Diagnosis. International Conference on Speech Processing 2001, Daejon, Korea.
- Wilcox, K. A. (2001). Phonology in the Preschool Classroom. Taegu University, Taegu, Korea.
- Wilcox, K. A. (2001). Phonological Intervention in Young Children. Youngdong Sevrance General Hospital, Seoul, Korea
- Wilcox, K. A. (2000). State Policy and University Research. Making Research a Part of the Public Agenda. Merrill Advanced Studies Center, Valley Falls, KS.
- Wilcox, K. A. (1999). Of Baseballs and Foul Balls: The Context for Research in the Kansas Board of Regents Office. Merrill Advanced Studies Center, Valley Falls, KS.
- Wilcox, K. A. (1998). Phonological intervention in the preschool classroom: Is it really possible? Portland State University, Portland, OR
- Wilcox, K. A. (1997). A language-based preschool curriculum. Department of Speech and Hearing Sciences, Indiana University, Bloomington, IN.
- Wilcox, K. A. (1996). Assessing phonological assessment. Indiana University, Bloomington, IN.
- Wilcox, K. A. (1995). Putting the "Phun" in Phonology. Missouri Speech-Language-Hearing Association. Kansas City, MO.
- Wilcox, K. A. (1995). A Language-Focused Curriculum for the Preschool Classroom. Inaugural Problem-Solving Conference of Special Interest Division #1, American Speech-Language-Hearing Association, Rockville, MD.
- Wilcox, K. A. (1993). Classroom-Based Language Facilitation: Organizing Principles and Preliminary Results. The Ohio State University, Columbus, OH.
- Rice, M. L., Wilcox, K. A., & Hadley, P. A. (1991). The Role of Language and Social Interaction Skills. Conference on "New Directions in Child and Family Research: Shaping Head Start in the Nineties," Arlington, VA.
- Wilcox, K. A. (1988). Language Acquisition Preschool: Language facilitation in a preschool setting. New York State Speech Language Hearing Association. Buffalo, NY.

- Wilcox, K. A. (1986). Perceptual saliency of geriatric stop consonant bursts. Linguistics Colloquy, University of Kansas, Lawrence, KS.
- Wilcox, K. A. (1985). The Applied Communicative Sciences Laboratory: A new speech research facility. Linguistics Colloquy, University of Kansas, Lawrence, KS.

PROFESSIONAL WORKSHOPS

- Wilcox, K. A. (2005). The Role of Preschool Education in Language Development. Chatterbox Preschool and Child Development Centre, Southampton, Bermuda.
- Wilcox, K. A. (1996). Building a Language-Focused Curriculum. Henry Ford Hosptital, Detroit, MI.
- Rice, M. L., Wilcox, K. A., Liebhaber, G., & Morenz, K. (1988). Language Therapy within the Preschool Setting. Kansas Division for Early Childhood. Wichita, KS.
- Wilcox, K. A. (1987). Pragmatic Language Training. Baldwin City Eudora, Kansas, Special Education Co-Operative. Wellsville, KS.
- Wilcox, K. A. (1987). Preschool Language Facilitation. Paola, Kansas, Special Education Co-Operative. Paola, KS.
- Wilcox, K. A. (1985). Phonological Assessment. Missouri Speech-Language-Hearing Association. Columbia, MO.
- Wilcox, K. A. (1985). Language facilitation through storytelling. Intercampus Program Spring Symposium. Kansas City, KS.
- Wilcox, K. A. (1985). Telling Stories from Picture Books. Kansas Association of Teachers of the Hearing Impaired. Olathe, KS.
- Wilcox, K. A. (1981). Voice Disorders; School of Health Related Professions. University of Missouri-Columbia. Columbia, MO.
- Wilcox, K. A. (1981). Language Stimulation for Preschool Children. Mid-Missouri Headstart Corporation. Booneville, MO.

OTHER PRESENTATIONS

- Luca, G., Gottfredson, M., Wilcox, K. A., (2011). Scholarly Communication Council on Academic Affairs, Association of Public and Land Grant Universities. Asheville, NC.
- Wilcox, K.A., Baker, D., Loh, W., Tripathi, S. (2010). Strategic Realignment. Council on Academic Affairs, Association of Public and Land-Grant Universities. Portland, OR.
- Wilcox, K.A. (2009). CIC Google Negotiations Update and Comments. Chief Academic Officers of the Association of American Universities. Laguna Beach, CA.
- Seikel, J.A., Deputy, P., Folkins, J., Gallagher, T., & Wilcox, K.A. (2008). Speech-Language Hearing Programs in our Universities: A view from the top. American Speech-Language-Hearing Association, Chicago, IL.

- Maher, J.V., Hart, A.W., Wilcox, K.A., Tripathi, S.K., & Weichold, M.H. (2008). Risk Management in Operating International Programs. National Association of State Universities and Land Grant Colleges. Chicago, IL.
- Tripathi, S. K., Kamlet, M.S., Lucas, G., McLaughlin, D.W., & Wilcox, K.A. (2008). The International University. Chief Academic Officers of the Association of American Universities. Laguna Beach, CA.
- Wilcox, K.A., Johnson, C., & Subbaswamy, K. R. (2004). Council of Colleges of Arts and Sciences. Balancing Traditional Values and Institutional Aspirations, San Antonio, TX.
- Wilcox, K.A. (2003). When/How to Eliminate Departments and Programs. Arts and Sciences Deans at Public AAU Institutions. Toronto, ON.
- Khator, R., Wilcox, K.A., & Cole, E.S. (2003). Panel Discussion: Budget cuts at large and midsized institutions. Council of Colleges of Arts and Sciences. Lake Buena Vista, FL.
- Wilcox, K.A. (2003). State budget cuts and the future for higher education. Arts and Sciences Deans at Public AAU Institutions, College Park, MD.
- O'Hanlon, L., Morris, S. R., & Wilcox, K. A. (1998). A Structural equation model of adult complex speech skills. American Speech-Language-Hearing Association. San Antonio, TX.
- Brackenbury, T. P. & Wilcox, K. A. (1998). Fricative-vowel coarticulation in children with phonological disorders. American Speech-Language-Hearing Association. San Antonio, TX.
- Morris, S. R., Wilcox, K. A., & O'Hanlon, L. (1997). Normal variability in adult complex speech skills. American Speech-Language-Hearing Association. Boston, MA.
- Wilcox, K. A. & Morris, S. R. (1996). Practice effects on diadochokinetic rates. American Speech-Language-Hearing Association. Seattle, WA.
- Siren, K. A., Morris, S. R., & Wilcox, K. A. (1996). Acoustic analysis and perceptual judgement of a child's speech sound production during speech therapy. Joint meeting of the Acoustical Society of America and Acoustical Society of Japan, Honolulu, HA.
- Murphy, D. R. & Wilcox, K. A. (1996). Aging and inhibition: Evidence from studies of auditory selective attention. Cognitive Aging Society. Atlanta, GA.
- Murphy, D. R. & Wilcox, K. A. (1996). Inhibitory mechanisms and their role in the understanding of verbal communication among younger and older adults. Third International Conference on Communication, Aging, and Health. Kansas City, MO.
- Alvares, R. L., Shriberg, L. D., & Wilcox, K. A. (1995). Teaching phonetics: A forum on curricular issues and instruction strategies. American Speech-Language-Hearing Association. Orlando, FL.
- Wilcox, K. A., Hunt, M. L., Bruner, K., Grass, R., Lane, K., Marmon, D., Miera, R., & Ricketts,K. (1995). The Educational implications of communication disorders in Native American populations. National Indian Education Association, Tuscon, AZ
- Snyder-McLean, L., Bannister, M., Brandt, S., Brown, D., Hickman, P., Michel, L., Wilcox, K., & Zingeser, L. (1995). Kansas' personnel shortage in speech-language pathology and the role of support personnel: Issues and trends. Kansas Speech-Language-Hearing Association. Lawrence, KS.

- Wilcox, K. A., Bruner, K., Cuny, L., Gillespie, M., Miera, R., Ricketts, K., & Tuckwin, L. (1994). Native American Issues in communication disorders. Kansas Speech-Language-Hearing Association. Topeka, KS.
- Wilcox, K. A., Morris, S. R., Allig, K., Sollner, D., Entwhistle, T., Catts, H. & Larivee, L. (1994). The effect of syllable shape on articulatory rate and stability. International Clinical Linguistics and Phonetics. New Orleans, LA.
- Wilkey, J., Michel, J. & Wilcox, K. (1994). The rhotic and non-rhotic central vowels in classical singing. Care of the Professional Voice, 23rd Symposium. Philadelphia, PA.
- Rice, M. L., Wilcox, K. A., Hadley, P. A., Schuele, C. M. (1993). Facilitating peer interactions: Social skills for preschool and kindergarten success. American Speech-Language-Hearing Association. Anaheim, CA.
- Wilcox, K. A., Morris, S. R. & Siren, K. A. (1993). Developmental phonological impairment: An acoustic description of improved production. Acoustical Society of America. Ottawa, Ontario.
- Holley, J. D, Comuzzie, D. K., & Wilcox, K. A. (1992). Acoustics of human alarm vocalizations. American Speech-Language-Hearing Association. San Antonio, TX.
- Sanders, J. A.W. & Wilcox, K. A. (1992). A description of private practice services to schoolaged children. American Speech-Language-Hearing Association. San Antonio, TX.
- Hadley, P. A., Wilcox, K. A., & Rice, M. L. (1992). Talking at school (TAS): A survey of kindergarten teachers' attitudes. American Speech-Language-Hearing Association. San Antonio, TX.
- Wildcat, D. R., Wilcox, K. A. & Hunt, M. L. (1992). How to create a successful 2+program: Haskell and the University of Kansas prepare Indian students as speech-language pathologists. National Indian Education Association, Albuquerque. NM.
- Larrivee, L. S., Wegner, J. R., Wilcox, K. A., & Larsen, A. S. (1991). University voice clinic: An interdisciplinary training experience. American Speech-Language-Hearing Association. Atlanta, GA.
- Wilcox, K. A., Schooling, T. L., & Morris, S. R. (1991). The preschool speech intelligibility measure. American Speech-Language-Hearing Association. Atlanta, GA.
- Siren, K. A. & Wilcox, K. A. (1991). Developmental and linguistic effects on the coarticulation of fricative-vowel productions. Acoustical Society of America. Baltimore, MD.
- Comuzzie, D. K., O'Brien, M., & Wilcox, K. A. (1990). Are human infant cries acoustically different? American Society Zoologists-Animal Behavior Society. San Antonio, TX.
- Hadley, P. A., Rice, M. L., & Wilcox, K. A. (1990). The speech and language assessment scale (SLAS): Parent <u>vs.</u> professional judgments. American Speech-Language-Hearing Association, Seattle, WA.
- Bunce, B. H., Rice, M. L., & Wilcox, K. A. (1990). LAP Update: Effectiveness of language intervention within a classroom setting. Kansas Speech-Language-Hearing Association. Wichita, KS.
- Wilcox, K. A. & Seikel, J. A. (1990). Placement variability in intraoral pressure. Acoustical Society of America. University Park, PA.

- Bunce, B. H., Rice, M. L., & Wilcox, K. A. (1990). LAP Update: Effectiveness of language intervention within a classroom setting. American Speech-Language-Hearing Association. Seattle, WA.
- Rice, M. L., Wilcox, K. A., & Bunce, B. H. (1989). Language Acquisition Preschool: Implementing language therapy within a preschool setting. International Early Childhood Conference on Children with Special Needs CEC Division on Early Childhood. Minneapolis, MN.
- Rice, M. L., Wilcox, K. A., Bunce, B. H. & Liebhaber, G. K. (1989). LAP:A model preschool for language disordered and ESL children. Kansas Speech-Language-Hearing Association. Lawrence, KS.
- Siren, K. A. & Wilcox, K. A. (1989). Phonetic vs. orthographic transcription: What is needed? Kansas Speech-Language- Hearing Association. Lawrence, KS.
- Siren, K. A. & Wilcox, K. A. (1989). A comparison of phonetic and orthographic transcription methods. American Speech-Language-Hearing Association. St. Louis, MO.
- Kelly, D. J., Rice, M. L., & Wilcox, K. A. (1988). Use of the Kaufman Assessment Battery for Children (K-ABC) with language-impaired or ESL children. American Speech-Language-Hearing Association. Boston, MA.
- Seikel, J. A., Wilcox, K. A., Davis, J. & Haight, P. L. (1988). Dysarthria of amyotrophic lateral sclerosis: clinician judgments of severity. American Speech-Language-Hearing Association, Boston. MA.
- Rice, M. L., Sell, M. A., Hadley, P. A., & Wilcox, K. A. (1988). LAP social interactive coding system. American Speech-Language-Hearing Association. Boston, MA.
- Drumright, D. G., Seikel, J. A., & Wilcox, K. A. (1987). Vocal jitter and shimmer measurements using a personal computer. Acoustical Society of America. Indianapolis, IN
- Rice, M. L. & Wilcox, K. A. (1987). LAP: A model preschool for language disordered and ESL children. American Speech-Language-Hearing Association. New Orleans. LA.
- Caruso, A. J., Wilcox, K. A., Seikel, J. A., & Haight, P. L. (1986). Acoustic analysis of amyotrophic lateral sclerosis speech. Acoustical Society of America. Cleveland, OH.
- Seikel, J. A., Wilcox, K. A., & Drumright, D. G. (1986). Dysarthria of Amyotrophic Lateral Sclerosis: Electroglottographic measures. Kansas Speech-Language-Hearing Association. Hays, KS.
- Wilcox, K. A., Seikel, J. A., & Davis, J. (1986). Spectral characteristics of geriatric stop consonant productions. Kansas Speech-Language-Hearing Association. Hays, KS.
- Whites, M. M. & Wilcox, K. A. (1986). Auditory processing abilities in a group of language-learning disabled children. American Speech-Language-Hearing Association. Detroit, MI.
- Wilcox, K. A. (1986). Stop consonant productions in older adults. Symposium on Aging Research, University of Kansas. Lawrence, KS.
- Wilcox, K. A., Siren, K. A., & Rice, M. L. (1985). The acquisition of a stop consonant voicing distinction: Data from a hearing child of deaf parents. American Speech-Language-Hearing Association. Washington, D.C.

- Floyd, L., Amerman, J. D., & Wilcox, K. A. (1984). The effects of aging on selected respiratory measurements. American Speech-Language-Hearing Association.

 Detroit, MI.
- Wilcox, K. A. & Aasby, S. M. (1984). The performance of monolingual and bilingual Mexican children on the TACL. American Speech-Language-Hearing Association. San Francisco, CA
- Scroggs, D. J., Wilcox, K. A., & Gault, J. (1983). Comparison of mean airflow rate and s/z ratios in young women. American Speech-Language-Hearing Association. Cincinnati, OH.
- Wilcox, K. A., Daniloff, R. G., & Stephens, M. I. (1982). Mandibular coarticulation in /s/misarticulating children. American Speech-Language-Hearing Association. Toronto, Ont.
- Wilcox, K. A. & Daniloff, R. G. (1981). Identification and discrimination of defective /s/ allophones by /s/ misarticulating children. American Speech-Language-Hearing Association. Los Angeles, CA.
- Wilcox, K. A. (1980). Children's perceptions of their own /s/ misarticulations. American Speech-Language-Hearing Association. Detroit, MI.
- Fey, M. E., Leonard, L. B., & Wilcox, K. A. (1980). Speech style modifications of language-impaired children. University of Wisconsin-Madison Symposium on Research in Child Language Disorders. Madison, WI.
- Kidd, G. R., Wilcox, K. A., & Feth, L. L. (1980). Predicting the results of forward masking experiments for tonal probes and maskers. Acoustical Society of America. Atlanta, GA.
- Wilcox, K. A., Hasegawa, A., Stephens, M. I., & Daniloff, R. G. (1980). Analysis-by-synthesis of speech spectra from /s/ misarticulating children. Acoustical Society of America. Atlanta, GA.
- Daniloff, R. G., & Wilcox, K. A. (1980). Coarticulation during orosensory anesthetization. Acoustical Society of America. Atlanta, GA.

DISSERTATIONS DIRECTED

- Laureen O'Hanlon (1999). Word Retrieval Processes in Older Adults: A Phonological Transmission Deficit.
- Sherrill R. Morris (1999). Acquisition of Phonological Skills in Young Children: Evidence from Production and Perception.
- Kathleen A. Siren (1991). Coarticulation in the Speech of Children and Adults: Developmental Trends and Associated Linguistic Factors
- Margery Whites (1988). Auditory Processing Abilities in a Group of Language-Learning Disabled Children
- Julie A. Khoury-Ghaffary (1984). Relative Importance of Semantic and Acoustic Cues to the Perception of Speech by Older Adults

THESES DIRECTED

- Kimberly Lane (1998). The Effect of Experience and Instruction on Native American Storytelling.
- Julie Hilliard (1998). The Role of Prosodic and Morphologic Information in Word Identification. (co-directed with Amy Schaefer & Shari Speer)

 University of Kansas nominee for the Midwestern Association of Graduate Schools
 1999 Distinguished Master's Thesis Award
- Tracie M. Peck (1995). Preschool Children's Performance on a Syllable Repetition Task and Traditional Measures of Phonological Performance
- Jemma D. Holley (1992). An Acoustic Comparison of Alarm and Conversational Productions
- Timothy P. Brackenbury (1992). An Analysis of Fricative-Vowel Coarticulation in Children with Phonological Disorders
- Julie Graffeo (1992). An Investigation of the Relationship Between Behavior State and Nonsymbolic Communication Behavior Among Students with Severe, Multiple Disabilities
- Patricia A. Thull (1991). Extent and Types of Speech-Language Services Offered to Adolescents
- Tracy L. Schooling (1991). Reliability of the Preschool Speech Intelligibility Measure
- Sherrill R. Morris (1991). Validity of the Preschool Speech Intelligibility Measure
- Christine Garrard (1991). Rate and Stability of Diadochokinetic Productions in Patients with Parkinson's Disease
- Jennifer A. Sanders Wann (1990). Private Practice in Speech-Language Pathology: A Description of Services to School-Aged Children
- Andrea Schwartz (1990). Utilization of Fundamental Frequency to Encode Word Level Stress: Comparisons of Patients with Parkinson's Disease and Normal Speakers
- Karin LeVeau Soper (1988). Speech-Language Pathologists' Self-Perception of Skills in Providing Services to Students who have Severe DisabilitiesD
- Kathleen A. Siren (1988). A Spectrographic Analysis of Discrepancies Between Phonetic and Orthographic Transcripts
- Patti Lynn Haight (1988). Trained and Untrained Listeners' Perception of Segmented CV Syllables Produced by Normal and Dysarthric Speakers
- Lynda Waltner-Stucky (1986). The Relationship Between Various Physiological Parameters and Vocal Jitter in the Elderly
- Donna L. Stewart (1986). A Comparison of a Deaf Mother's Speech Intonation to that of Her Normally Hearing Son
- Catherine A. McMahon (1985). Vowel Durations in Young Adult and 70 Year Old Women