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|--|----|
| OVERVIEW | 2 |
| EDUCATION | 2 |
| PROFESSIONAL POSITIONS AND ADMINISTRATIVE/TEACHING RESPONSIBILITIES | 2 |
| SUMMER TEACHING AT NORTHWESTERN UNIVERSITY | 4 |
| INVITED TEACHING APPOINTMENTS | 4 |
| PUBLICATIONS | 5 |
| BOOKS, CDS/DVDs, WEBSITES | 5 |
| BOOK IN PREPARATION | 5 |
| CHAPTERS IN PRESS | 5 |
| CHAPTERS/SECTIONS IN BOOKS | 6 |
| BOOK REVIEWS | 7 |
| JOURNAL ARTICLE IN PRESS | 8 |
| ARTICLES PUBLISHED IN REFEREED JOURNALS | 8 |
| JOINT PROJECTS IN PREPARATION | 11 |
| (CENTER FOR THE STUDY OF EDUCATION AND THE MUSICAL EXPERIENCE) | 11 |
| PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS | 11 |
| OTHER PUBLICATIONS | 13 |
| EDITORSHIPS AND EDITORIAL BOARD MEMBERSHIPS | 13 |
| SPECIAL EDITORIAL ASSIGNMENTS | 14 |
| PRESENTATIONS | 14 |
| MAJOR KEYNOTE ADDRESSES | 14 |
| RESEARCH POSTERS—REFEREED | 16 |
| PAPER PRESENTATIONS—REFEREED | 17 |
| INVITED PRESENTATIONS/WORKSHOPS AT COLLEGE/UNIVERSITY CAMPUSES | 20 |
| PRESENTATIONS/WORKSHOPS FOR NATIONAL/INTERNATIONAL ORGANIZATIONS | 22 |
| INVITED AND REFERRED | 22 |
| INVITED TALKS/WORKSHOPS—LOCAL AND STATE MEETINGS | 26 |
| PANEL PRESENTATIONS | 31 |
| CONVENTION PROGRAM CHAIR | 34 |
| NATIONAL/INTERNATIONAL OFFICES | 34 |
| CONSULTANT WORK | 34 |
| GRANTS FUNDED | 36 |
| SIGNIFICANT UNIVERSITY AND SCHOOL OF MUSIC SERVICE | 37 |
| NORTHWESTERN UNIVERSITY COMMITTEES AND COMMISSIONS OF IMPORTANCE | 37 |
| NORTHWESTERN UNIVERSITY SCHOOL OF MUSIC | 38 |
| UNIVERSITY COURSES TAUGHT | 38 |
| DOCTORAL DISSERTATION ADVISEMENT | 39 |
| MAJOR ADVISOR FOR COMPLETED DISSERTATION | 39 |
| MAJOR ADVISOR FOR DISSERTATIONS IN PROGRESS AT NORTHWESTERN | 41 |
| PROFESSIONAL ORGANIZATIONS | 42 |

OVERVIEW

Peter R. Webster is the John Beattie Professor of Music Education at the Bienen School of Music, Northwestern University in Evanston, Illinois. He holds degrees in music education from the University of Southern Maine (BS) and the Eastman School of Music at the University of Rochester (MM, PhD). He has taught in the public schools of Maine, Massachusetts, and New York; following fourteen years of teaching at Case Western Reserve University in Cleveland, he moved to Northwestern in 1988. He has held various administrative positions in his career, including a term as Associate Dean at the Bienen School. He currently serves as Chair of the Department of Music Studies which includes the programs of music education, musicology/ethnomusicology, music theory/cognition, technology, and composition. His teaching responsibilities currently include courses in philosophy of music education, undergraduate and graduate research, music technology, assessment, and creative thinking in music. He supervises the doctoral program in music education and is the recipient of many grants, including a landmark award from the National Association of Music Merchants to study the influence of music experiences on adult creativity in non-music fields. Webster has presented at many state, national, and international meetings and is a frequent keynote speaker. His published work includes over 75 articles and book chapters on technology, music education practice, and creative thinking in music which have appeared in journals and handbooks in and outside of music. He is an editorial board member for several prestigious journals and has served as an editor for several projects, including the new *MENC Handbook of Research on Music Learning* published by Oxford University Press. Webster is co-author of *Experiencing Music Technology*, 3rd edition Undated (Cengage, 2008), the standard textbook used in introductory college courses in music technology. He is the author of *Measures of Creative Thinking in Music*, an exploratory tool for assessing music thinking using quasi-improvisational tasks. He and his wife Connie Webster are avid sailors on the Great Lakes and own *Maine Sail*, a 42-foot Catalina sloop.

EDUCATION

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| Doctor of Philosophy , Music Education | Eastman School of Music, University of Rochester, 1977 |
| Dissertation: <i>A Factor of Intellect Approach to Creative Thinking in Music</i> , UM #77-2600-26619 | |
| Master of Music , Music Education | Eastman School of Music, University of Rochester, 1971 |
| Bachelor of Science , Music Education | University of Southern Maine, 1969 |

PROFESSIONAL POSITIONS AND ADMINISTRATIVE/TEACHING RESPONSIBILITIES

1988 - present **Northwestern University, Bienen School of Music**—Evanston, Illinois
Department of Music Studies, Music Education and Music Technology Programs

- Department Chair (Music Studies), 2009 to 2012
- Appointed John W. Beattie Chair of Music Education and Technology, Fall 1998
- Full Professor with Tenure, 1994
- Associate Professor, 1988-1994
- Associate Dean for Faculty Affairs, Graduate School Liaison, 2007- 2009

- Associate Dean for Academic Affairs and Research, and Director of Doctoral Studies, 2002 to 2006
- Interim Department Chair (Music Studies), 2001-2002
- Coordinator of the Music Education Program, 1995 to 2002

TEACHING AND ADMINISTRATIVE RESPONSIBILITIES

- Graduate courses in music education research, measurement and evaluation, computer technology and music, creative thinking in music; doctoral dissertation advisement
- Faculty Member in the Center for the Study of Education and the Musical Experience
- Academic advisor for all Ph.D. students in music education, assist with summer masters advising

1974 - 1988 **Case Western Reserve University, Department of Music** — Cleveland, Ohio
Chairman, Department of Music (1984 - 1988)

- Associate Professor with Tenure (1983 -1988)
- Assistant Professor (1977 - 1983)
- Instructor (1974-1977)

TEACHING AND ADMINISTRATIVE RESPONSIBILITIES

- Graduate courses in music education research, measurement and evaluation, computer technology and music, creative thinking in music, graduate remedial theory, psychology of music; masters thesis and doctoral dissertation advisement
- Undergraduate courses in music history, comprehensive musicianship, computer technology and music, instrumental methods, conducting, supervision of student teaching
- Department Chair: management of department budget; faculty development; evaluation of existing programs; establishment of new directions for the Department, including strategic planning with University administration; procurement of grants and other outside funding; chair of University-wide committees
- Director of music education program on graduate and undergraduate levels including supervision of curriculum, establishment and maintenance of clinical and field-based experiences with over 30 local schools systems, and administration of masters and doctoral examinations

PERFORMANCE

- Guest conducting appearances with Case Western Reserve Wind Ensemble
- Trumpet performances with the University Brass Faculty Ensemble
- Free lance performances in local Cleveland area

1973 - 1974 **Wheatland-Chili Schools** — Scottsville, New York

Directed seventh and eighth grade bands, responsible for private and group instruction for each student in band program; assisted the high school band director with high school concert and marching band programs (half-time position)

1972 - 1974 **Nazareth Academy** — Rochester, New York

Directed high school concert band (part-time position)

1970 - 1973 **Eastman School of Music** — Rochester, New York

Graduate assistantship which involved teaching responsibilities in instrumental methods and various conducting classes

1969 - 1970 **Marshfield Junior High School** — Marshfield, Massachusetts

Directed instrumental music program which included two large ensembles and group lessons; taught four classes of general music

SUMMER TEACHING AT NORTHWESTERN UNIVERSITY

- Teacher in the Four-Summer Masters Program, 1989-2010
- Director of the Four-Summer Masters Program in Music Education, 1989-1996
- Director of the *Summer Fellows Program*, 1994-1996
- Week-long Music Technology Workshop for the Chicago Area Music Teachers Association (CAMTA), August 2-5, 1999

INVITED TEACHING APPOINTMENTS

Guest Instructor, Lebanon Valley College, “Encouraging Music Imagination in Ensembles and Classrooms,” June 26-July 1, 2011

Co-instructor, Alumnae Class, “Anatomy of a Music Education: What Does It Take to Grow a Professional Musician?” Northwestern University, Fall 2006

Guest Instructor, College Music Society Technology Institute, Illinois State University, Normal, (seminar on music technology for college teachers), June 3-8, 2006; June 4-9, 2005; June 5-10, 2004; June 3-6, 2002; June 3-8, 2001; June 11-16, 1999; June 12-17, 1998.

Guest Professor, Polytechnic Institute, Porto, Portugal, (three-day intensive teaching in the Fall School for masters students in music education), September 27-29, 2000

Guest Professor, Central Connecticut State University, New Britain (week-long courses on composition in the schools and software design), July 2-6, 2001; July 19-24, 1999; July 21-25, 1997; July 8-12, 1996.

Guest Faculty Member for Music, Empire State Partnership Project, Summer Seminar, Sarah Lawrence College, Bronxville, NY, July 19-26, 1998.

Guest Instructor, Lascassas School/Middle Tennessee State University, Murfreesboro, TN (week-long workshop: “Integrating Technology and Music Instruction”) June 16-20, 1997.

United States Information Agency, Academic Specialist Grant to lecture in Australia, Presentations in Hobart, Melbourne and Sydney, June 25-July 14, 1995.

Guest Professor, Eastman School of Music, University of Rochester (week-long seminar on multimedia design in music), July 11-15, 1994.

Guest Professor, School of Music, University of Washington, Seattle (two graduate courses in research and computer applications), July 19-23, 1993.

Guest Professor, Department of Music, Indiana University of Pennsylvania (graduate course in computers and music for the schools), Summer of 1988.

Guest Professor, Department of Music Education, Eastman School of Music (graduate seminars in philosophy of music education, research techniques, and computers), Summers of 1978 and 1984.

Instructor for a two-semester course sequence in the Psychology of Music, Cleveland Music Therapy Consortium, Baldwin-Wallace College, 1981-1982, 1982-1983, 1983-1984.

PUBLICATIONS

BOOKS, CDS/DVDs, WEBSITES

MENC Handbook of Research on Music Learning, Vols. I and II (jointly edited with Richard Colwell) Oxford University Press, New York, New York, 2011.

Experiencing Music Technology (jointly authored with David Williams) Cengage/Schirmer, New York, 2008. (3rd edition UPDATE) (with project-centered website: www.emtbook.net)

Experiencing Music Technology (jointly authored with David Williams) Thomson/Schirmer, New York, 2006. (3rd edition) [DVD included]

Experiencing Music Technology: Data, Software and Hardware (jointly authored with David Williams) 1999; Schirmer Books, New York. (2nd edition)

Resource and Study Guide: Experiencing Music Technology: (jointly authored with David Williams), Macintosh and Windows versions, Compact Disc, 1999; Schirmer Books, New York.

Experiencing Music Technology: Views of Data, Software and Hardware (jointly authored with David Williams) 1996; Schirmer Books, New York.

Resource and Study Guide: Experiencing Music Technology: (jointly authored with David Williams), Macintosh and Windows versions, Compact Disc, 1996; Schirmer Books, New York.

BOOK IN PREPARATION

Music Teachers as Guides for Learning: The 21st Century Music Educator. (An introductory textbook for music teaching and learning.) Publication Target: Winter, 2012

CHAPTERS IN PRESS

- Webster, P. (in press). Music composition intelligence and creative thinking in music. In M. Kaschub and J. Smith (eds.) *Composing Our Future: Preparing Music Educators to Teach Composition*. Oxford University Press.
- Webster, P. (in press). There is nothing complex about a correlation coefficient. In G. Welch and G. McPherson, (eds). *Oxford Handbook of Music Education*. Oxford University Press.
- Webster, P. (in press). Toward a Pedagogy of Revision: Guiding Middle School Students' Music Compositions. In O. Odena, (ed). *Musical creativity: Insights from music education research*. Oxford University Press.
- Webster, P. (in press). Technology in Music Instruction and Learning, In *Encyclopedia of the Sciences of Learning*, Springer.

CHAPTERS/SECTIONS IN BOOKS

- Webster, P. (2011). Constructivism and Music Learning. In R. Colwell and P. Webster (Eds.) *MENC Handbook of Research on Music Learning, Vol. 1*, (35-83) New York, New York: Oxford University Press.
- Webster, P. (2010) "Music Teachers as Guides for Learning," In M. Biasutti, (ed). *Educarea educare: Ricerche sulla formazione degli die musica*. (115-129). Lecce, Italy: Pensa Multimedia.
- Webster, P. (2009). Children as Creative Thinkers in Music: Focus on Composition. In: L. Hallam, I. Cross, & M. Thaut (eds.) *The Oxford Handbook of Music Psychology*, (pp. 421-428) Oxford, UK: Oxford University Press.
- Webster, P. (2007). Computer-based technology and music teaching and learning: 2000-2005. In: L. Bresler (ed.), *The International Handbook of Research in Arts Education*, (1311-1328). Dordrecht, The Netherlands: Springer.
- Webster, P. (2007). Prelude: Knowledge, skills, attitudes, and values: Technology and its role in arts education. In: L. Bresler (ed.), *The International Handbook of Research in Arts Education*, (1293-1295) Dordrecht, The Netherlands: Springer.
- Webster, P, and Hickey, M. (2006). Computers and technology, In: McPherson, G. (ed.), *The child as musician: a handbook of musical development*, (pp. 375-395). New York: Oxford University Press.
- Webster, P. (2005). Creativity and music technology. In: F. Richmond, (ed.), *Technology strategies for music educators*, 2nd Edition (pp. 69-77). Milwaukee, WI: Hal Leonard Publishing.
- Webster, P. (2003). What do you mean, "Make my music different?" Encouraging revision and extension in children's music composition. In M. Hickey, (Ed). *Why and how to teach music composition: A new horizon for music education*. Reston VA: MENC: The National Association for Music Education.
- Webster, P. (2002). Creative thinking in music: Advancing a model. In T. Sullivan, & L. Willingham, (Eds.), *Creativity and music education* (pp. 16-33). Edmonton, AB: Canadian Music Educators'

Association.

- Webster, P. (2002). Building bridges: from research to the music classroom. In M. Campbell (Ed.), *On musicality & milestones: Selected writings of Marilyn Pflederer Zimmerman with contributions from the profession* (pp. 103-114). Urbana, IL: University of Illinois.
- Webster, P. (2002). Music technology and the young child. In: L. Bresler & C. Thompson (Eds.). *The arts in children's lives* (pp. 215-236) Dordrecht, Netherlands: Kluwer.
- Webster, P. (2002). Computer-based technology and music teaching and learning. In R. Colwell & C. Richardson (Eds.), *The new handbook of research on music teaching and learning* (pp. 416-439). New York: Oxford University Press.
- Webster, P. (2000). Curriculum development in music education. In D. Brown (Ed.). *Interactive learning: Vignettes from America's most wired campuses* (pp. 215-216). Bolton: MA: Anker Publishing.
- Webster, P. (1996). Creativity as creative thinking. In G. Spruce (Ed.), *Teaching music*. (pp. 87-97). London: Routledge. (Reprinted from *Music Educators Journal*. 76 (9), May, 1990, pp. 22-28.
- Webster, P. (1995) General music, school reform and technology. In S. Stauffer (Ed.), *Toward tomorrow, New visions for general music*. Reston, VA: Music Educators National Conference.
- Webster, P. (1992). Research on creative thinking in music: the assessment literature. In R. Colwell (Ed.), *Handbook of research on music teaching and learning* (pp. 266-279). New York: Oxford University Press.
- Webster, P. (1992). Inspiration and creativity. In B. Reimer & J. Wright (Eds.), *On the nature of musical experience* (pp. 254-258). Niwot, CO: University Press of Colorado.
- Webster, P. (1988). Creative thinking in music: approaches to research. In J. Gates (Ed.), *Music education in the United States: Contemporary issues* (pp. 66-81). Tuscaloosa: University of Alabama Press.
- Webster, P. (1987). Refinement of a measure of creative thinking in music. In C. Madsen & C. Prickett (Eds.), *Applications of research in music behavior* (pp. 257-271). Tuscaloosa: University of Alabama Press.
- Webster, P. (1987). Conceptual bases for creative thinking in music. In C. Peery (Ed.), *Music and child development* (pp. 158-174). New York: Springer-Verlag.

BOOK REVIEWS

- Webster, P. (2002). [Review of *The science and psychology of music performance: Creative strategies for teaching and learning* by R. Parncutt & G. McPherson]. *International Journal of Education & the Arts*. 3(1). <http://ijea.asu.edu/v3n5/>

- Webster, P. (2002). [Review of *musical development and learning: The international perspective* by D. Hargreaves and A. North]. *Music Education Research*. 4(1), pp. 167-169.
- Webster, P. (2002). [Review of *Teaching music musically* by K. Swanwick]. *Music Education Research*. 2 (2), pp. 224-228.
- Webster, P. (1992). [Review of *MacWorld music and sound bible* by C. Yavelow]. *Computers in Music Research*. 4, 127-138.
- Webster, P. (1980). [Review of *Handbook of music psychology*, edited by D. Hodges]. *Contributions to Music Education*. 10, 43-48.
- Webster, P. (1979). [Review of *Conducting educational research*, by B. Tuckman]. *Journal of Research in Music Education*. 27, 271-273.
- Webster, P. (1975). [Review of *Research in music behavior: Modifying music behavior in the classroom*, edited by C. Madsen, D. Greer, and C. Madsen]. *Contributions to Music Education*. 4, 116-120.

JOURNAL ARTICLE IN PRESS

- Webster, P. (in press). Key Research in Music Technology and Music Teaching and Learning, *Journal of Music Technology and Education*, Special Issue on Research on Music Technology

ARTICLES PUBLISHED IN REFEREED JOURNALS

- Webster, P. (2009). Music technology as a servant to real music experience. *Orff Echo*, XLII (1), 9-12.
- Webster, P. (2006). Some cautions about constructivism. *The Mountain Lake Reader*. Spring, pp. 92-93.
- Webster, P. (2006). Sound thinking. *Keyboard Companion*. 17(2)
- Webster, P. (2003). Asking music students to reflect on their creative work: Encouraging the revision process. *Music Education Research*. 5 (3), pp. 243-248.
- Webster, P. (2002). Historical perspectives on technology and music. *Music Educators Journal*. 89 (1), pp. 38-43.
- Webster, P. (2001). Respensar o Ensino de Musica no Novo Seculo. *Revista*. pp. 5-16.
- Hickey, M. & Webster, P. (2001). Creative thinking in music. *Music Educators Journal*. 88 (1), pp. 19-23.
- Webster, P. (2000). Reforming secondary music teaching. *Journal of Secondary Gifted Education*. 12 (1), pp. 17-24.

- Webster, P. (2000). Where are we and where should we be going? *American Music Teacher*, 49 (6), pp. 35-37. (publication of an address given to the National Conference on Piano Pedagogy, 1993)
- Hickey, M. & Webster, P. (1999) MIDI-Based adaptation and continued validation of the Measures of Creative Thinking in Music. *Bulletin of the Council of Research in Music Education*, 142, 93-94 (Abstracts).
- Webster, P. (1999). Preparing teachers of music for a lifetime. In: J. Richmond and P. Webster (eds.) *Musings: Arts Education Essays in Honor of Bennett Reimer*, Special Issue of the *Journal of Aesthetic Education*, 33 (4), pp. 179-192.
- Webster, P. (1998). Young children and music technology. *Research Studies in Music Education* . 11, pp. 61-76.
- Webster, P. (1998). Rethinking music aptitude and its assessment. *Sound Ideas*. 2 (2), pp. 6-16.
- Webster, P. (1998). The new music educator. *Arts Education and Policy Review* . 100 (2), pp. 2-6.
- Webster, P. (1998). (Contributor) The effects of music performance participation on the music listening experience: a review of literature. *Bulletin of the Council for Research in Music Education*. 136, pp. 1-55.
- Rodriguez, C. & Webster, P. (1997). Development of children's verbal interpretative responses to music listening. *Bulletin of the Council for Research in Music Education*. 134, pp. 9-30.
- Webster, P. (1996). Thinking in music: encouraging the inner voice. *The Orff Echo* . 28 (4), pp. 10-11.
- Webster, P. & Hickey, M. (1995). Rating scales and their use in assessing children's music compositions. *The Quarterly Journal of Music Teaching and Learning*. 6 (4), pp. 28-44.
- Webster, P. (1995). Creating your own multimedia software for music teachers. *Illinois Music Educator*. 56 (1), pp. 52-54.
- Webster, P. & Hickey, M. (1995). Challenging children to think creatively. *General Music Today*. 8(3), 4-10.
- Webster, P. (1994). Qualitative methodologies in music education research conference, final session: reflections and predictions. *Bulletin of the Council of Research in Music Education* . 122, 108-111.
- Webster, P. (1994) Time, technology, and the creative process. *Arts Education Policy Review*. 96 (1), 32-36.
- Webster, P. (1994) Beyond drill and practice. *American Music Teacher*. 43, (6), 16-19.
- Webster, P. & Richardson, C. (1993). Asking children to think about music. *Arts Education Policy Review*. 94 (3), 7-11; also published in: *Research Studies in Music Education* 2, 1994, 8-14.

- Webster, P. (1992). Custom-designed software in the arts: the educator as expert. *Design for Arts in Education*. 93 (6), 37-44.
- Webster, P. (1992). Music teachers as software authors. *SIGCUE Outlook Newsletter*. 21, 87-98; also published in: *Cadenza: The Journal of the Saskatchewan Music Educators Association*. 25, 1992, pp. 6-13, (includes an appendix of terms by S. Smith.)
- Lapidaki, E. & Webster, P. (1991). Consistency of tempo judgments when listening to musical compositions of different styles. *Psychomusicology*. 10 (1), 19-30.
- Webster, P. (1991). Creative thinking and the musical development of the young child. *The American Music Teacher*. June/July, 16-19.
- Webster, P. (1990). "Higher level" thinking and instrumental music teaching. *New Ways*. 7 (1), 10-11.
- Webster, P. (1990). Creative thinking, technology and music education. *Design for Arts in Education*. 90 (5), 35-41.
- Webster, P. (1990). Creativity as creative thinking. *Music Educators Journal*. 76 (9), May, 1990, pp. 22-28. **[Google Scholar rated this article as the #1 most frequently cited article in music educators Journal as of June, 2010.]**
- Webster, P. (1989). Composition software and issues surrounding its use in research settings with children. *Psychomusicology*. 8 (2), 163-169.
- Webster, P. (1988). New perspectives on music aptitude and achievement. *Psychomusicology*. 7 (2), 177-194.
- Webster, P. (1988). Creative thinking in music education. *Design for Arts in Education*. 89(5), 33-37.
- Webster, P. (1985). Response: reflections on Reimer. *Bulletin of the Council of Research in Music Education*. 83, 31-39.
- Webster, P. & Hamilton, R. (1982). Effects of peer influence, rhythm quality, and violin timbre on the musical performances of fourth, fifth, and sixth grade children. *Contributions to Music Education*. 9, 10-20.
- Webster, P. & Zimmerman, M. (1983). Conservation of rhythm and tonal patterns in five through ten year old children. *Council for Research in Music Education Bulletin*. 73, 29-49.
- Webster, P. & Schlenrich, K. (1983). Discrimination of pitch direction by preschool children with verbal and nonverbal tasks. *Journal of Research in Music Education*. 30, 151-161.
- Webster, P. (1982). Fact and imagination. *Triad*. May/June, 29.
- Webster, P. (1979). The ivory tower, the trenches, and the gap that separates. *Contributions to Music Education*. 7, 68-73.

Webster, P. (1979). Relationship between creative behavior in music and selected variables as measured in high school students. *Journal of Research in Music Education*. 27, 227-242.

Webster, P. (1976). Identifying the Creative Musician. *Triad*. May, 32-35.

JOINT PROJECTS IN PREPARATION
(CENTER FOR THE STUDY OF EDUCATION AND THE MUSICAL EXPERIENCE)

Adult Music Listening (research article)

Popular Music in the Schools (research article)

Michael Burritt: The Complete Package (Book Chapter)

Rethinking Education and the Musical Experience (Edited Book)

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

Webster, P. (2006). Measurement of Creative Potential in Music: Frontier or Foolishness, *Multidisciplinary Perspectives on Musicality: The Seashore Symposium*. (pp. 78-88). University of Iowa, Iowa City.

Webster, P. (2006). Creativity through the generations in arts and sciences: Creativity in music. *2006 Kellogg Family Business Conference*, Proceedings. (pp. 72-75). May 16-17, 2006, Northwestern University, Evanston, IL.

Webster, P. (2003). Asking music students to reflect on their creative work: Encouraging the revision process. *Curriculum Innovation in Music: Proceedings of the 4th Asia-Pacific Symposium on Music Education Research*, July 9-12, 2003, Hong Kong, China.

Webster, P. (2002). Encouraging creative thinking in music instruction: A basis for international collaboration in a technologically connected age. *Proceedings of the 2002 International Society of Music Education Conference*, Bergen, Norway, August 11-16, 2002, CD-ROM

Webster, P. (2002). Creative thinking and music education: Encouraging students to make aesthetic decisions, Short paper version published in: *Conference du 10e Anniversaire, Actes de la Conference*, European Society for the Cognitive Sciences of Music, April 5-8, 2002, Liege, Belgium. (Proceedings published on CD-ROM)

Webster, P. (1999) Measurement of creative potential in music: Frontier or foolishness? Abstract published in *Council for Research in Music Education Bulletin*. 140, 26-27. Paper presented at: Multidisciplinary Perspectives on Musicality: The Seashore Symposium. CIC Meeting. University of Iowa, Iowa City, October 18, 1997.

Webster, P. (1999) Technological Advances and Their Influence on Music Education, *Proceedings Report: 1997 Bowling Green Research Symposium on Music Teaching and Research*, September 27, 1997.

- Webster, P. (1996). "Music Technology 101"—Building a basic course for the undergraduate music curriculum, *Technological Directions in Music Education*, Proceedings of the Third International Conference, San Antonio, TX. February 8, 1996.
- Webster, P. (1996). Using affordable tools for creating multimedia—QuickTime video for integrating text, video, digital sounds and MIDI, *Technological Directions in Music Education*, Proceedings of the Third International Conference, San Antonio, TX. February 8, 1996.
- Webster, P. (1995). Creativity, composition, and computers: Connections for the New Century, *Honing the Craft: Improving the Quality of Music Education*, Keynote Address in the Proceedings of the 10th National Conference of the Australian Society for Music Education, Hobart, Tasmania, Australia. June 29, 1995.
- Webster, P. (1995). Thinking in sound: studying children's improvisation, *Musical Connections: Tradition and Change*, Proceedings of the 21st World Conference of the International Society for Music Education, Tampa, FL, July 22, 1994.
- Webster, P. (1994). Encouraging interdisciplinary thought. *Proceedings, The 69th Annual Meeting, National Association of Schools of Music*, 82, 50-55.
- Webster, P. (1993). Where are we and where should we be going? *1992 Proceedings of The National Conference on Piano Pedagogy*, (pp. 23-24). Los Angeles, CA: The National Conference on Piano Pedagogy.
- Webster, P. & Richardson, C. (1991). Thoughts about children's thinking in music: implications for policy. *Proceedings of the CIC Conference, 1990* (pp. 114-128). Madison, WI: University of Wisconsin.
- Webster, P. (1989). Creative thinking in music: the assessment question. *Proceedings of The Suncoast Music Education Forum on Creativity* (pp. 40-74). Tampa, FL: University of South Florida.
- Webster, P. (1988). Curriculum length and sequence. *Proceedings, The 63rd Annual Meeting, National Association of Schools of Music*, 76, 60-65.
- Webster, P. (1987). The magic synthesis: creative thinking in music and management. *Proceedings, The 62nd Annual Meeting, National Association of Schools of Music*, 75, 199-208.
- Webster, P. (1986). Ethnographic techniques for music research. *Proceedings of The 1985 Research Symposium in the Psychology and Acoustics of Music*, (pp. 4-6). Lawrence, KS: The University of Kansas.
- Webster, P. (1983). An assessment of musical imagination in young children. *Proceedings Report: 1983 Bowling Green Research Symposium*, (pp. 100-123). Bowling Green, OH: Bowling Green State University.
- Webster, P. (1981). Openness to seek value. *Proceedings Report: The Fourth Loyola Symposium (1981) Music in Community Education*, (pp. 65-70). New Orleans, LA: Loyola University.

Webster, P. (1980). Music and brain asymmetry: some basic concerns and thoughts toward a model. *Proceedings Report: The Second Loyola Symposium (1979) Hemisphere Laterality and Music*, (p.28-40). New Orleans, LA: Loyola University.

OTHER PUBLICATIONS

Newsletter Article

Webster, P. (2005) Creative environments. *Creativity SRIG Newsletter*, 22 (1)

Published Teacher's Guide

Hickey, M., Lipscomb, S., Webster, P., *LinkUp! Melody*, Curriculum materials, including audio CD, featuring Dvorak's Symphony No. 9 (From the New World), Carnegie Hall Education Department: New York, New York.

Items Personally Published

Measure of Creative Thinking in Music (MCTMII), a set of standardized activities designed to assess the musical imagination of young children. MCTM is sent at cost to music teachers and researchers in this country and abroad. To date, over 35 copies of MCTM and its Manual have been shipped. In addition to my own research work with this measure, five independent studies have been published that use MCTM.

Annotated Bibliography on Music Education and Creative Thinking in Music. This document contains over 550 annotated citations and is categorized into subsections based on philosophical, practical, and empirical content. The bibliography is updated every two years and is distributed from my personal website: <http://www.peterrwebster.com>

EDITORSHIPS AND EDITORIAL BOARD MEMBERSHIPS

Editorial Board, *Journal of Music Technology and Education*, 2007 - present
 Editorial Board, *Journal of Research in Music Education*, 2006 - present
 Editorial Board, *Interdisciplinary Journal of Education and the Arts* (Online Journal), 1999 - present
 Editorial Board, *Journal of Technology in Music Learning*, 1999 - present
 Editorial Board, *Research Studies in Music Education*, 1995 - present
 Editorial Board, *International Handbook of Research in Arts Education*, 2004 - 2006
 North American Book Review Editor for *Music Education Research*, 2001 - 2003
 Editorial Board, *The New Handbook for Research in Music Teaching and Learning*. 1999- 2002
 Editorial Board, *Contributions to Music Education*, 1974 - 1985
 Book Review Editor, *Contributions to Music Education*, 1974 - 1977
 Editor-in-Chief, *Contributions to Music Education*, 1977 - 1982

Editorial Board, *Journal of Research in Music Education*, 1982 - 1988
Editorial Board, *Handbook for Research in Music Teaching and Learning*. 1989 - 1992
Editorial Board, *Bulletin for the Council for Research in Music Education* 1985 - 1998
Editorial Board, *Music Educators Journal*, 1997 - 2000

SPECIAL EDITORIAL ASSIGNMENTS

Editorial Board, *International Handbook of Research in Arts Education*. (Kulwer). Edited section on technology in the arts, including a written Prelude. (2005-2006)

Editorial Board, *The New Handbook of Research on Music Teaching and Learning* (Oxford University Press, 2002). Worked with Nancy Whitaker to edit ten chapters for "Part II. Educational Content and the Curriculum."

Special theme issue of the *Journal of Aesthetics and Art Criticism* , J. Richmond and P. Webster (eds.) *Musings: Arts Education Essays in Honor of Bennett Reimer* (Winter, 1999)

Editorial Board, *Handbook of Research on Music Teaching and Learning* (Macmillan Publishers, 1992). I edited nine chapters for "Section E. Teaching and Learning Strategies."

Special theme issue of the *Music Educators Journal* , May, 1990 on Creative Thinking in Music. I solicited and edited six articles and wrote the introduction.

Special theme issue of the *Psychomusicology* , 8 (2), 1989 on Personal Computers and Psychomusicological Research. I solicited and edited twelve articles.

PRESENTATIONS

MAJOR KEYNOTE ADDRESSES

"Messy Minds: A look a Constructivism and Direct Instruction" Research in Music Education Conference, University of Exeter, Exeter, England. April, 2011

"Encouraging Imaginative Thought in Music with Students, "Music Software that Encourage Creative Thinking in Music," and "Advancements in Technology: Impact on Music Teaching and Learning" Three Keynote Presentations at the Music Education Conference at Taipei Municipal University of Education, Taipei, Taiwan. December 5-6, 2010.

"Creating Music Projects for Students in General Music Class," New York State School Music Association, Regional Workshop, SUNY Potsdam, October 13, 2009.

"Music Teaching for Tomorrow," Presentation to the Music Teachers of Reykjavík, Iceland. Major address and day-long workshop on music technology, February, 5, 2008.

"Music Teachers as Guides for Learning," Training of Music Teachers, Università degli Studi di Padova,

Dipartimento di Scienze dell'Educazione, Padua, Italy, November 7, 2007

First Annual Pioneer Music Educator and Visiting Scholar Symposium, Campus-wide presentation on the future of music education. Western Michigan University, Kalamazoo, MI, March 13, 2007

"The Role of Music Teachers as Guides for Learning: Today and Tomorrow," Technology In Music Education, National Meeting, Keynote Address, Columbus, Ohio, February 9, 2007

"Contemporary Music Education: Guiding Musical Decisions and the Role of Technology," Cyprus Musicology Society National Meeting, Republic of Cyprus, November 22, 2006

"Beyond the Notes: Guiding Musical Decisions," Massachusetts Music Educators Association, State Conference Keynote Speech, Boston, March 16-18, 2006

"Encouraging Learners to Construct Their Understanding of Music: Creative Thinking in Sound," Central Michigan University Lecture Series, Mount Pleasant, MI., February 10, 2004

"Encouraging Students to Make Aesthetic Decisions," TeknoDida Conference, Sibelius Academy, Helsinki, Finland, November 13, 2003

"Asking music students to reflect on their creative work: Encouraging the revision process," 4th Asia-Pacific Symposium on Music Education Research, July 9-12, 2003, Hong Kong, China

"Creative Thinking in Music form a Network Perspective," Symposium for Network-Based Music Education, Kuopio, Finland, April 5, 2003

"Creative Thinking, Technology, and Constructionism: Crossing the Streams for Better Music Teaching," South Central Region Chapter Conference of the College Music Society, Baylor University, March 1, 2003

"Creative Thinking and Music Education: Encouraging Students to Make Aesthetic Decisions," Conference du 10e Anniversaire, Actes de la Conference, European Society for the Cognitive Sciences of Music, Liege, Belgium, April 5-8, 2002.

"Encouraging Children to Think in Sound with Technology: A Key to Creative Thinking and Learning." Conference on Computer Aided Music Pedagogy for Children, Tempo Reale Institute, Florence Italy, October 5-6, 2001

"Creative Thinking, Technology, and Constructionism: Crossing the Streams for Better Music Teaching," Midwest Chapter Conference of the College Music Society, March 31, 2001.

"Encouraging Kids to Compose in General Music and Performance Curricula," and "Music Software for Creative Thinking," Wisconsin Music Educators State Conference, Madison, WI, October 25, 2000.

"The 21st Century Music Educator," Pennsylvania Music Educators Association, In-Service Conference, Erie, PA, April 24, 1998.

- “Teaching Music Educators to ‘Go Long,’” Invited Lecturer in Honor of Charles Leonhard, University of Illinois, Champaign-Urbana, January 27, 1997.
- “Music and Technology: A Whitman Sampler for the Music Educator,” Eighth Annual Music Symposium, Kansas State University, Manhattan, June 21, 1996.
- “Stimulating the Inner Voice,” Key Focus Session on Creativity. National Convention, Music Educators National Conference, April 17, 1996.
- “Creativity, Composition, and Computers: Connections for the New Century,” Honing the Craft: Improving the Quality of Music Education, 10th National Conference of the Australian Society for Music Education, Hobart, Tasmania, Australia. June 29, 1995.
- “Creativity, Composition, and Computers: Connections for the New Century,” Symposium on research in General Music, University of Arizona, Tuscon, February 16-18, 1995.
- “Music Technology in General Music and School Reform,” Toward Tomorrow: New Visions for General Music, Music Educators National Conference, Washington, D. C., September 30-October 2, 1993.
- “Creative Thinking in Music Teaching,” Fusion, ‘93, 29th Annual Conference of the British Columbia Music Educators’ Association, Vancouver, BC, February 18-20, 1993.
- “Education for the Child Who Begins Piano Study in the Mid 90s,” National Conference on Piano Pedagogy, Schaumburg, IL, October, 1992.
- “Creative Thinking in Music: The Assessment Question,” The Suncoast Music Education Forum on Creativity, Tampa, FL, March, 1989.

RESEARCH POSTERS — REFEREED

- Webster, P. "The Role of Research and Assessment Knowledge in Teacher Preparation," 2009 Symposium on Music Teacher Education, University of North Carolina-Greensboro, September 10-12, 2009.
- Webster, P. “Refining a Model of Creative Thinking in Music: A Basis for Encouraging Students to Make Aesthetic Decisions,” National Convention, Music Educators National Conference, Salt Lake City, April, 2006.
- Webster, P. “Broadening the Concept of Music Aptitude: New Approaches to Theory and Assessment” Sixth International Conference on Music Perception and Cognition, Keele University, United Kingdom, August 6, 2000.
- Hickey, M. & Webster, P. “Rating scales and the assessment of children’s compositions,” National Convention, Music Educators National Conference, Cincinnati, OH, April, 1994.
- Rodriquez, C. & Webster, P. “Development of children’s verbal interpretive responses to music listening,” National Convention, Music Educators National Conference, New Orleans, LA., April, 1992.

- Webster, P. & Lapidaki, E. "Consistency of tempo judgments when listening to musical compositions of different styles." Illinois Music Educators Association State Conference, Peoria, IL., February, 1991.
- Webster, P. "Study of internal reliability and construct validity for the *Measure of Creative Thinking in Music* (MCTM)," National Convention, Music Educators National Conference, Washington, DC., March, 1990.
- Fodor, D. & Webster, P. "Measurement of visual/tactile ability in fifth grade percussion students," National Convention, Music Educators National Conference, Washington, DC., March, 1990.
- Webster, P. "A model for creative thinking in music with implications for music education," National Convention, Music Educators National Conference, Indianapolis, IN., March 1988.
- Webster, P. "Test-retest reliability for *Measure of Creative Thinking in Music*," National Convention, Music Educators National Conference, Indianapolis, IN., March 1988.
- Webster, P. & Zimmerman, M. "Conservation of rhythmic and tonal patterns in five through ten year old children," National Convention, Music Educators National Conference, Minneapolis, MN., April, 1981.

PAPER PRESENTATIONS—REFEREED

- Webster, P. "Doctoral Programs in Music Education: An Examination of Degrees, Curricula, and Qualifying Examinations," (co-presented with Joanne Rutkowski), 2011 Symposium on Music Teacher Education, Greensboro, North Carolina, September, 2011
- Webster, P. "The Role of Research and Assessment in Teacher Preparation," Research in Music Education Conference, University of Exeter, Exeter, England. April, 2011
- Webster, P. "Tipping Over: The Literature on Music Teacher Education Redesign," (co-presented with Mark Campbell), 2010 Biennial Music Educators National Conference, Anaheim, CA, March 26, 2010.
- Webster, P. "No Child Left Without Creative Thinking: Encouraging Imaginative Thought," Wisconsin State Music Conference, Madison, WI, October 28, 2009
- Webster, P. "Research and the Undergraduate Music Education Major," CIC 2009 Conference, Ohio State University, Columbus, Ohio, October 16, 2009.
- Webster, P. "Creative College Music Teaching: Issues of Definition and Assessment," 2009 International Conference, College Music Society, Split, Croatia, July 4, 2009
- Webster, P. "Refining a Model of Creative Thinking in Music: A Basis for Encouraging Students to Make Their Own Aesthetic Decisions," 9th International Conference on Music Perception and Cognition, University of Bologna, Italy, August 22-26, 2006.

- Webster, P. "Performance Teaching and Learning at a Distance: The Promise of Video Conferencing for Teaching Music," CIC Meeting, Indiana University, Bloomington, October 21, 2005
- Webster, P. "Encouraging Creative Thinking in Music Instruction: A Basis for International Collaboration in a Technologically Connected Age," 2002 International Society of Music Education Conference, Bergen, Norway, August 11-16, 2002
- Webster, P. "Creative Thinking and Music Listening: A Look at the Literature and the Future," National Convention, Music Educators National Conference, Nashville, April, 2002.
- Webster, P. "Preparing Sound and Music Notation for Multimedia and the Internet," National Convention, Music Educators National Conference, Nashville, April, 2002.
- Webster, P. "Double, Double Toil and Trouble; Where Doth Creative Thinking Bubble," The Second International Research In Music Education Conference, University of Exeter, Exeter, UK, April 3-7, 2001
- Webster, P. "Music Composition Software for People from 6 to 60," Sixth International Conference on Music Perception and Cognition, Keele University, United Kingdom, August 9, 2000.
- Webster, P. "Formal Approaches to the Evaluation of Music Compositions by External Judges: Rating Scales, Rubrics, and Other Techniques," Sixth International Conference on Music Perception and Cognition, Keele University, United Kingdom, August 9, 2000.
- Webster, P. & Hickey, M. "Development and Refinement of a Computerized Version of the *Measure of Creative Thinking in Music*," National Convention, Music Educators National Conference, Washington, DC., March 2000.
- Webster, P. "Using the Internet to Teach National Standards 8 and 9, Related Arts and Historical Context," National Convention, Music Educators National Conference, Washington, DC., March 2000.
- Webster, P. "Using Technology in Music Instruction, What Do We Really Know?" National Convention, Music Educators National Conference, Washington, DC., March 2000.
- Webster, P. & Hickey, M. "MIDI-Based adaptation and continued validation of the *Measures of Creative Thinking in Music* (MTCM)." Cognitive Processes of Children Engaged in Musical Activities, A Conference Honoring the Contributions of Marilyn Pflederer Zimmerman, University of Illinois, Urbana-Champaign, June 3-5, 1999.
- Webster, P. & Williams, D. "Connecting and collaborating with musicians over the Internet," National Convention, Music Educators National Conference, Phoenix, AZ, April, 1998.
- Webster, P. & Kerchner, J. "The role of computer software in qualitative research: A review of available programs in a practical application," Qualitative Methodologies in Music Education Research Conference II, University of Illinois, Urbana-Champaign, May 1996.

- Webster, P. & Kaschub, M. "Composition in general music and choral settings," National Convention, Music Educators National Conference, Kansas City, MO., April, 1996.
- Webster, P. "Using affordable tools for creating multimedia, QuickTime Video and HTML," Technological Directions in Music Education Conference, San Antonio, TX. February, 1996.
- Webster, P. "Music Technology 101—designing a basic course for the undergraduate music curriculum," Technological Directions in Music Education Conference, San Antonio, TX., February, 1996.
- Webster, P. "Thinking in sound: studying children's improvisations," Twenty-first Biennial Conference of the International Society for Music Education, Tampa, FL., July, 1994.
- Webster, P. & Williams, D. "Designing music technology labs in schools," National Convention, Music Educators National Conference, Cincinnati, OH., April, 1994.
- Webster, P. "Composition and improvisation for all: rethinking K-12 music education," College Music Society National Conference/Association for Technology in Music Instruction, Minneapolis, MN. October, 1993.
- Webster, P. & Williams, D. "Music Technology 101: designing a basic course for the undergraduate music curriculum," College Music Society National Conference/Association for Technology in Music Instruction, Minneapolis, MN., October, 1993.
- Webster, P. "Music teachers as software authors: the real payoff for technology in the future," Suncoast Music Education Forum on Futurism in Music Education and the Arts, Tampa, FL., March, 1993.
- Webster, P. & Williams, D. "Designing exciting software in music: HyperCard and multimedia," National Convention, Music Educators National Conference, New Orleans, LA, April, 1992.
- Webster, P. "Children's composition and technology: some suggestions for research and practice in teacher education curricula," College Music Society National Conference/Association for Technology in Music Instruction, Washington, DC., October, 1990.
- Webster, P. "Creative thinking in music and its development in children." National Conference, Music Educators National Conference, Washington, DC., March, 1990.
- Webster, P. & Williams, D. "HyperCard concepts, resources, and application for college music instruction." College Music Society National Conference/Association for Technology in Music Instruction, St. Louis, MO., October, 1989.
- Webster, P. "Approaches to the study of creative behavior in music: a literature model," National Conference, Music Educators National Conference, Chicago, IL., March, 1984.
- Webster, P. "Effects of peer influence, rhythmic quality, and violin timbre on the musical preferences of fourth, fifth, and sixth grade children," National Convention, Music Educators National Conference, San Antonio, TX, February, 1982.

Webster, P. "An assessment of musical imagination in young children." National Convention, Music Educators National Conference, Miami Beach, FL., April, 1980.

Webster, P. "Discrimination of tonal direction on verbal and non-verbal tasks by four and five year olds," North Central Divisional Convention, Music Educators National Conference, Indianapolis, IN, April, 1979.

Webster, P. "A study of relationships between creative behavior in music and selected variables as demonstrated in high school-aged students." North Central/Southwestern Bi-divisional Convention, Music Educators National Conference, Kansas City, MO., March, 1977.

INVITED PRESENTATIONS/WORKSHOPS AT COLLEGE/UNIVERSITY CAMPUSES

Westminster Choir College, Princeton, New Jersey. Presentations on technology and creativity to faculty and students, April, 2011

Keene State College., Keene, New Hampshire. Day-long workshop on music technology, August 29, 2008.

Berklee College of Music, Boston. Guest professor. Series of classes on music education and technology topics, March 26-29, 2007

University of Nebraska, Lincoln, School of Music, Music Education Program "Guiding Aesthetic Decisions," November 29, 2006.

University of North Carolina, Greensboro, School of Music. Series of lectures on creative thinking in music and music technology. Consultation about laptop integration in the School of Music, November 1-3, 2006.

Kellogg School of Business, Northwestern University, "Creativity in Music," May 16, 2006.

University of Manitoba, School of Music Faculty and Students, "New Developments in Technology for Music Teaching: Encouraging Creative Thinking," Feb, 2006, (Video-conference presentation)

City University of New York at Queens, Major presenter for a one-day conference: New Directions in Music Technology, Flushing, New York, October 29, 2004

University of Southern Maine, Gorham, Maine. Lectures on Music Technology and Creative Thinking in Music, March 5-5, 2004.

University of Jyväskylä, Jyväskylä, Finland. Lecture on Music Education, April 7, 2003.

Northwestern University, Evanston, IL. Lecture on Music Imagination in Children, March 5, 2003 (Part of a University-wide series of lectures on imagination)

University of Maryland, College Park. Lectures on Creativity and Music Technology, April 25-26, 2002.

Hong Kong Institute of Education, Hong Kong. Three Lectures on Creativity and Two Hands-on Workshops on Music Technology. March 15-22, 2000

North Texas State University, Denton, Texas. Two Lectures on Music Creativity and Technology, October 25-26, 1999.

Baylor University, Waco, TX. Workshops on Music Technology, (co-presented with David Williams), February 12-14, 1999.

University of Northern Iowa, Cedar Falls. Workshops on Music Technology, October 17-17, 1998

University of Michigan School of Music, Ann Arbor. Presentation on Constructivism in Education and its Effect on Music Education, March 20, 1998.

University of Southern Maine, Gorham. Workshop on Composition Software in Music Education and Authoring Multimedia Projects in PowerPoint, March 5-6, 1998.

Southern University at New Orleans. Two-day Presentation on Music Technology, (co-presented with David Williams), October 23-24, 1997

Morningside College, Sioux City, Iowa. Presentation on the Internet and Music Technology, Feb. 28-March 1, 1997.

Nazareth College, Rochester, New York. Three-day Presentation on Music Technology, September 13-14, 1996.

Kansas State University, Manhattan. Presentations on the Internet and Creative Thinking in Music, June 12, 1996.

Case Western Reserve University, Cleveland, Ohio. Presentation on creative thinking, assessment, technology and music, October 7, 1995.

Lascassas School/Middle Tennessee State University, Murfreesboro, TN, Workshop on Technology and Curriculum, , June 14-16, 1995.

Furman University, Greenville, South Carolina. Two-day Presentation on Music Technology in the College Curriculum, March 30-31, 1995.

University of North Carolina, Chapel Hill. Presentation on Computers and Music. January 22, 1994.

Slippery Rock University, Slippery Rock, Pennsylvania. Workshop on Music Technology. January 17-18, 1994.

Michigan State University, School of Music, East Lansing. Presentation on Creative Thinking Research and Music Technology. March 23, 1993.

Boston University, School of Fine Arts, Boston Presentations on Creative Thinking Research, Assessment, and Technology, March 27-28, 1992.

Northwestern University, School of Music, “Northwestern University HyperCard Symposium in Music. II” (Three-day workshop) (Co-presented with David Williams) National event hosted by the School of Music. Taught several sessions and organized local arrangements, January 2-4, 1992.

University of Washington, School of Music, Seattle. Presentations on Creative Thinking Research, Assessment, and Technology, May 14-17, 1991.

University of Maine System, Departments of Music, Bowdoin College. Presentation to music faculties on the integration of music and technology within the college level. Presentation to elementary and secondary school teachers on technology in the schools. May 9-11, 1991.

University of Kentucky, School of Music, Lexington. Presentations on Creative Thinking Research, Assessment, and Technology, April 5-7, 1991.

Northwestern University, School of Music, “Northwestern University HyperCard Symposium in Music. I” (Three-day workshop) (Co-presented with David Williams) National event hosted by the School of Music. Taught several sessions and organized local arrangements, January 3-5, 1991.

University of Illinois, School of Music, Champaign-Urbana, Graduate Seminar in Music Education. Presentation on Creative Thinking Research. January, 1990.

State University of New York at Buffalo, Department of Music, Three-day workshop on Creative Thinking in Music, June 6-8, 1989.

University of Alabama, Department of Music, Tuscaloosa. Presentations on Creative Thinking and Technology. June, 1985.

University of California at Los Angeles, Department of Music. Presentation on Creative Thinking Research. May, 1982.

PRESENTATIONS/WORKSHOPS FOR NATIONAL/INTERNATIONAL ORGANIZATIONS
INVITED AND REFERRED

“Music Technology Skills and Conceptual Understanding for Undergraduate Music Students: A National Survey,” (co-presented with David Williams) College Music Society National Conference/Association for Technology in Music Instruction, Richmond, VA, October 21, 2011.

“Integrating eBooks, Tablets and iPads, and Smart Boards into the Music Classroom,” (co-presented with David Williams) College Music Society National Conference/Association for Technology in Music Instruction, Minneapolis, MN, September 23, 2010.

- “Can We Abandon Print Resources in the Music Classroom?,” (co-presented with David Williams) College Music Society National Conference/Association for Technology in Music Instruction, Minneapolis, MN, September 23, 2010.
- “Creative College Music Teaching: Imaginative Engagement of Students” and “Effects of Musical Experience on the Creative Thinking of Adult Non-Musicians: Architects, Chefs, and Industrial Designers, Preliminary Stages” International Society of Music Education, Conference, Beijing, China, August 1-6, 2010.
- “Advancements in Technology: Impact on Music Teaching and Learning, Session I and II,” (co-presented with David Williams) College Music Society National Conference/Association for Technology in Music Instruction, Portland, Oregon, October 24, 2009.
- “Designing Music Technology Modules as a Supplement to Traditional Music Classes,” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Atlanta, GA, September 26, 2008.
- “Common Tech Tips for Common Music Tasks,” Workshop for college professors. Great Lakes Super Regional Conference of the College Music Society, Illinois State University, March 28, 2008.
- “Cross-Platform LMS Test Design and the Use of Respondus Software,” Pre-conference Technology Boot Camp: Learning Management Systems and Social Computing, College Music Society National Conference/Association for Technology in Music Instruction (Co-presented with David Williams), Salt Lake City, November 14, 2007.
- “Social Computing and Music Teaching and Learning: Roots, Realities, and Reasoned Speculation,” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Salt Lake City, November 17, 2007.
- “Common Tech Tips for Common Music Tasks,” Two-day workshop for college professors. Great Lakes Chapter of the College Music Society, Bowling Green State University, March 2-3, 2007.
- Pre-meeting Presentation on Music Technology for Today’s College Curriculum, (Co-presented with David Williams); National Association of Schools of Music, 82nd Annual Meeting, Chicago, November 17-21, 2006.
- “A Distance Education (DE) Triptych: The Music Classroom, The Internet, and Video Conferencing,” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, San Antonio, Texas, September 14-17, 2006.
- “PowerPoint Workshop,” (Co-presented with David Williams), Great Lakes Chapter of the College Music Society, Northwestern University, March 31, April 1, 2006.
- “The Underwear: Strategies for Enabling Student-Constructed Learning in Music Technology Courses: Parts I and II” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Quebec City, Canada, November, 2005.

“Performance Teaching and Learning at a Distance: The Promise of Video Conferencing and Teaching,” CIC Meeting, Indiana University, Bloomington, October 20, 2005.

“Student Technology Goes Mobile: Parts I and II” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, San Francisco, CA, November, 2004.

“New Developments in Technology for Music Teaching: Encouraging Creative Thinking,” Special Interest Group—Music Education, American Education Research Association, Annual Meeting, San Diego, CA, April 13, 2004.

“Twenty Years of MIDI, Parts I and II” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Miami, October, 2003.

Response to the paper: *A Liberal Versus Performance-Based Music Education?* By Paul Woodford, June 6, 2003, 2003 Symposium of Music Education Philosophy, Lake Forrest College.

“Music Computing Goes Mobile; Session I: Solutions for Teaching, Composing, and Performing; Session II: The Future of Music Labs and Classrooms” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Kansas City, September, 2002.

“Creating Music Technology Courses; Part I, Designing Introductory Courses; Part II Music Multimedia Tech Courses and Performance Groups” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Santa Fe, NM, November 15-17, 2001.

“Getting Started Using Music Technology: Entry Points Across the College Music Curriculum, Parts I and II,” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Toronto, November 4, 2000.

Panel presentation and workshop on music education and the national standards in the arts, National Conference on Improving Student Performance, NSSE, Arlington Heights, IL, June 26, 2000.

“Design and Create the Ultimate MIDI and Computer Classroom,” National Convention, Music Educators National Conference, Washington, DC, March, 2000.

Pre-meeting Presentation on Music Technology for Today’s College Curriculum, (Two-day presentation), (Co-presented with David Williams); National Association of Schools of Music, 75th Annual Meeting, Chicago, November 19-20, 1999.

“Interactive Models for Using the Web for Music Instruction, Parts I and II,” (co-presented with David Williams; College Music Society National Conference/Association for Technology in Music Instruction, Denver, October 15-17, 1999.

- “Transporting Music Documents to the Web, Parts I and II,” (co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Puerto Rico, October 22-25, 1998.
- “Music Software for Teaching, Learning, and Creativity,” Suzuki Association of the Americas, 8th Conference, Chicago, IL, May 22-25, 1998.
- “Designing a MIDI Lab,” (co-presented with David Williams); National Convention, Music Educators National Conference, Phoenix, AZ., April, 1998.
- “Demonstration of Multimedia Pedagogy in Action, Parts I and II,” (co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Cleveland, OH, November 13-15, 1997.
- “On-Line and Off-Line Music Instruction Using Web Tools, the Internet, and CD-ROM,” (co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Atlanta, GA, October 24-26, 1996.
- “Internet and Music Teaching, Session I: What is the Internet and How Does it Work? Session II: How Can I Use the ‘Net’ in My School Music Program” (co-presented with David Williams); National Convention, Music Educators National Conference, Kansas City, April 19-20, 1996.
- Pre-meeting Presentation on Music Technology for Today’s College Curriculum, (Two-day presentation), (Co-presented with David Williams); National Association of Schools of Music, 71st Annual Meeting, Chicago, November 17-18, 1995.
- “Poor Person’s On-Line and Off-Line Multimedia Music Tools,” (Two-session Workshop) (co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Portland, OR, November 10-11, 1995.
- Pre-meeting Presentation on Music Technology for Today’s College Curriculum, (Two-day presentation), (Co-presented with David Williams); National Association of Schools of Music, 70th Annual Meeting, Boston, November 18-19, 1994.
- “The Internet and its Use in Music and Arts Education,” (Two-session presentation) (Co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Savannah, GA, October 21-23, 1994.
- “Designing Technology Labs for Music and the Arts,” (Two-session presentation) (Co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Minneapolis, MN, October 14-17, 1993.
- “HyperCard Workshop: Multimedia Resources,” (Two-session presentation) (Co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, San Diego, CA, October 29-November 1, 1992.

“HyperCard Skills for Music Application in Higher Education,” (Four-session presentation) (Co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Chicago, IL., October, 1991.

“HyperCard Skills for Music Application in Higher Education,” (Four-session presentation) (Co-presented with David Williams); College Music Society National Conference/Association for Technology in Music Instruction, Washington, DC., October, 1990.

INVITED TALKS/WORKSHOPS—LOCAL AND STATE MEETINGS

“Encouraging Creative Spirit in Teaching Music,” Florida State Music Association, College Music Educators Faculty and Students, Fall Conference, Stetson University, Deland, Florida, October 2011.

“Music Software That Encourages Creative Thinking in Music,” Terra Community College Music Technology Workshop, Northwestern University, Evanston. May 12, 2011.

"Encouraging Creative Thinking in Music: The Role of Music Technology," Grand Rapids Alumni Association, Grand Rapids, MI, March 4, 2010.

"Technology in General Music," Kenosha Public Schools, Kenosha, WI, August 27, 2009.

“Designing Music Teacher Preparation Programs for a New Age,” Massachusetts Music Educators Association, State Conference, Boston, March 16-18, 2006.

“Teaching Software Breakout I: General Music,” Massachusetts Music Educators Association, State Conference, Boston, March 16-18, 2006.

“Teaching Software Breakout II: Secondary Music,” Massachusetts Music Educators Association, State Conference, Boston, March 16-18, 2006.

“It’s All Going Soft! The Rise of Software-Based Music Technology,” Massachusetts Music Educators Association, State Conference, Boston, March 16-18, 2006.

“Role of Technology in Today’s Schools,” and “Inexpensive Digital Audio.” Kentucky Music Educators Association, In-Service Conference, Louisville, Kentucky, February, 2005.

“Getting Started with Technology for Younger Children,” “Twenty Year Birthday of MIDI: Past, Present, and Future,” and “Reasons to Use Reason: The Birth of a New Kind of Sequencer,” Georgia Music Educators In-Service Conference, Savannah, Georgia, January 2004.

“Music Software for Teaching Music,” Music Teachers National Association, North Shore, Music Center of the North Shore, April 22, 2002.

“Helping Kids Construct Their Understanding of Music: Encouraging Creative Thinking in Sound,” Minnesota Music Education Association Conference, Minneapolis, MN, February 15, 2002.

- “Music Software for Teaching Music,” Minnesota Music Education Association Conference, Minneapolis, MN, February 16, 2002.
- “Reactions to Reimer’s 20/20 Vision Paper.” Illinois Music Educators State Conference, Peoria, Illinois, January 24, 2002.
- “Flashing Your Way to Cool Web Sites for Music Teaching,” Illinois Music Educators State Conference, Peoria, Illinois, January 25, 2002.
- “Music Software for Teaching.” Fine Arts Day, Elgin High School, Elgin, Illinois, June 15, 2001.
- “The 21st Century Music Educator,” Institute Day 2000, Fine and Practical Arts, New Trier Township School District, Winnetka, IL, March 24, 2000.
- “Reinventing the Music Educator in the 21st Century,” and “Music Software for Stimulating Creative Thinking in Music,” Texas Music Educators Association, Clinic/Convention, San Antonio, Texas, February 10, 2000.
- “Using a Computer for Music Education Research,” Graduate Research Forum, Ohio Music Education Association Conference 2000, Cleveland, Ohio, January 27, 2000.
- Five presentations on the assessment of musical thinking, music technology, and creativity. New York State School Music Association, Winter Conference, Rochester, New York, November 28-December 1, 1999.
- “Music Technology Workshop,” Mississippi Bend Area Education Agency Music Content Area Teacher Network, Bettendorf, IA, September 24-25, 1999.
- “Using HyperStudio,” Show Choir Camps of America, Heidelberg College, Tiffin, OH, July 16, 1999.
- “Through the Looking Glass: Future Views of Music Technology,” Presentation broadcast over the Internet to Florida State University hosting the Vision 20/20 Initiative of the Music Educators National Conference. (co-presented with David Williams). Illinois State University, April 9, 1999.
- “Setting Up a School Music Technology Lab,” Illinois Music Educators State Conference, (co-presented with David Williams) Peoria, Illinois, January 29, 1999.
- “Using the Internet for Your Choir Program,” Show Choir Camps of America, Heidelberg College, Tiffin, OH, June 17, 1998.
- “Assessment and Creative Thinking in Music,” Full day in-service presentation at the Naperville Schools, District 204, Naperville, IL, February 27, 1998.
- “Music Composition Software,” In-service presentation at the Calumet City Schools, Calumet, IL, February 18, 1998.

- “Music Education: Connecting, Collaborating and Creating Over the Internet,” Illinois Music Educators State Conference, (co-presented with David Williams) Peoria, Illinois, January 29, 1998.
- “Music Composition Software,” Illinois Music Educators State Conference, (co-presented with Stephen Rohwer) Peoria, Illinois, January 29, 1998.
- “Composition in the Schools: Getting Kids to Think in Sound” and “Music Composition Software for Kids: Using Technology for Creative Thinking,” Iowa Music Educators Association State Conference, November 21-23, 1997.
- “Measurement of Creative Potential in Music: Frontier or Foolishness,” Multidisciplinary Perspectives on Musicality: The Seashore Symposium. CIC Meeting. University of Iowa, Iowa City, October 18, 1997.
- “Technological Advances and Their Influence on Music Education,” The Bowling Green State University Symposium on Music Teaching and Research, September 27, 1997.
- “Mystery Composers 1, 2, and 3” Lectures presented during a Northwestern University Alumni Trip to the cities of Budapest, Vienna, and Prague, August 25 – September 6, 1997.
- “New Applications in Music Technology,” Show Choir Camps of America, Heidelberg College, Tiffin, OH, July 18, 1997.
- “Creative and Critical Thinking With Links to Assessment and Technology,” Six-hour Symposium. Massachusetts Music Educators Association Meeting, Danvers, Massachusetts, March 20-22, 1997.
- “Building Your Own Web Page for Arts Education,” Needham Public Schools, Needham, Massachusetts, March 19, 1997.
- “Here’s My Song Teacher, What Now? Next Steps in Thinking Creatively with Music,” New Jersey Music Educators Association Meeting, Cherry Hill, New Jersey, February 20-22, 1997.
- “What Happens When I Push This? Music Software That Encourages Creative Thinking in Music,” New Jersey Music Educators Association Meeting, Cherry Hill, New Jersey, February 20-22, 1997.
- “The Internet and Music Education: How Can I Use the Net in My Music Classroom,” “ (co-presented with David Williams) Illinois Music Educators Conference, Peoria, Illinois, January 31, 1997.
- “Creating Multimedia Music Programs with the Macintosh, Session I and II” (co-presented with David Williams) Florida Music Educators Association Meeting, Tampa, Florida, January 9-11, 1997.
- “So What’s New in Music Technology for Educators?” Encore ’96, Ontario Music Educators’ Association Provincial Conference, Niagara Falls, Canada, November 7-9, 1996.
- “Assessing Music Creativeness in Children: Can it be Done?” Encore ’96, Ontario Music Educators’ Association Provincial Conference, Niagara Falls, Canada, November 7-9, 1996.

- “Here’s My Song, Teacher. What Now? Next Steps in Thinking Creatively with Music,” Society for General Music, National Symposium, Chicago, Illinois, September 27, 1996.
- “Merging the Qualitative with the Quantitative,” Qualitative Methodologies in Music Education Research Conference II, University of Illinois, Urbana-Champaign, May 1996.
- “Experiencing Music Technology: New Instructional Resources for Understanding Computers, Technology and Music,” (Commercial Showcase Presentation with co-author, David Williams), National Convention, Music Educators National Conference, April, 1996.
- “Multimedia in Teaching,” Focus: New Visions, Wilmette Public Schools, Wilmette, IL, February 7, 1996.
- “Music Software for Piano Teachers,” Music Teachers National Association, Regional Meeting, Music Center of the North Shore, Winnetka, IL. November 27, 1995.
- “A Whitman’s Sampler of New Software for the College Music Curriculum,” The North Carolina Music Educators Association State Conference, Winston-Salem, NC. November 20, 1995.
- “Using the Macintosh to Measure Creative Thinking in Music,” 1995 Suncoast Music Education Forum: Assessment, University of South Florida, Tampa, October 14, 1995.
- “Applications of Technology to Show Choral Teaching,” Show Choir Camps of America, Millikin College, Decatur, IL, July 21, 1995.
- “Integrating Technology with Music Teaching” 10th National Conference of the Australian Society for Music Education, Hobart, Tasmania, Australia. June 29, 1995.
- “Putting Together a Computer Lab to Support Music Experiences: Where the Heck Do I Start?” West Virginia Music Educators Association State Meeting, University of West Virginia, Morgantown, March 24, 1995.
- “Teaching Composition in the Schools,” Symposium on Research in General Music, University of Arizona, Tucson, February 18, 1995.
- “Multimedia, Networks, and the Arts,” NU Day, Northwestern University, October 15, 1994.
- “Thinking in Sound: Studying Children’s Improvisation,” Twenty-First Biennial Conference of the International Society for Music Education, Tampa, FL, July 22, 1994.
- “Applications of Technology to Show Choral Teaching,” Show Choir Camps of America, Millikin College, Decatur, IL, June 24, 1994.
- “Coding and Presenting Qualitative Data” and “Closing Remarks,” Qualitative Methodologies in Music Education Research Conference, School of Music, University of Illinois, Urbana-Champaign, May 21, 1994.

- “Applications of Technology to Show Choral Teaching,” Show Choir Camps of America, Millikin College, Decatur, IL, June 25, 1993.
- “Creative Thinking in Music Teaching: The Core of Our Art,” and “Applications of Technology in Stimulating Creative Thought: HyperCard and Multimedia,” Focus: New Visions, Wilmette Public Schools, Wilmette, IL, February 26, 1993.
- “Technology and Music Education,” Strongsville High School, Strongsville, Ohio. Day-long presentation to area music teachers on HyperCard and music technology. February 6, 1993.
- “Creative Thinking in Music: Application to Performance Classes,” “Creative Thinking in Music: Application to General Music Classes,” and “Applications of Technology in Stimulating Creative Thought: HyperCard and Multimedia,” Fusion, ’93, 29th Annual Conference of the British Columbia Music Educators’ Association, Vancouver, BC., February 18-20, 1993.
- “Applications of Technology to Show Choral Teaching,” Show Choir Camps of America, Heidelberg College, Tiffin, OH, July 24, 1992.
- “HyperCard and Multimedia,” Elgin High School, Elgin, IL. Feb. 22, 1992.
- “We Can’t Measure That! Or Can We?” Illinois Music Educators Association Conference, Peoria, IL, January, 1992.
- “Creative Thinking and Technology in the Classroom,” University of Wisconsin Center: Fox Valley, Menasha, WI. January 16, 1992.
- “Technology in Instruction” CIC Conference, Michigan State University, East Lansing, October, 1991.
- “Creative Thinking in Music, What Does It All Mean?” Wisconsin State Music Conference, October, 1991.
- “Creative Thinking in Music: How Can We Put It Into Action?” Wisconsin State Music Conference, October, 1991.
- “Creative Thinking in Music I: Some Theory and Measurement Ideas,” “Creative Thinking in Music II: Extension into Practice with Observations about the Schulwerk Approach,” and “Applications of Technology in Stimulating Creative Thought: HyperCard and Multimedia,” National Conference, American Orff-Schulwerk Association, San Diego, CA, November, 1991.
- “Music, Computers and Multimedia,” The Role of Technology in Education XI Conference, St. Charles, Illinois, February 22, 1991.
- “The Macintosh and Music,” Apple Computer Seminar, Merrillville, Indiana, October 12, 1990.
- “New Perspectives on Music Aptitude and Achievement,” Symposium on Music Development and Cognition, University of Rochester, June, 1988.

- “Chorales, Clients, and Cursors,” Convention of the Ohio Association of Music Therapy, October, 1987.
- “Creative Thinking and Kids,” Cleveland Music School Settlement, October, 1987.
- “The Magic Synthesis: Creative Thinking in Music and Management,” National Association of Schools of Music, Annual Meeting: November, 1986.
- “Creative Thinking in Music,” The Alabama Project, The University of Alabama, November 1984.
- “Approaches to the Measurement of Creative Behavior in Music,” Sixth Annual Loyola Symposium, Loyola University, February 1983.
- “An Assessment of Musical Imagination in Young Children,” Bowling Green Research Symposium, April, 1983.
- “Refinement of a Measure of Musical Imagination in Young: Children and a Comparison to Aspects of Musical Aptitude,” University Lecture, Armington Seminar Series: Case Western Reserve University, December, 1983.
- “Can We Measure Creative Behavior in Music?” National Conference, American Orff-Schulwerk Association, November, 1983.
- “Openness to Seek Value,” Fourth Annual Loyola Symposium, Loyola University, February, 1981.
- “Creative Thinking, The Measurement Question,” Convention of the Great Lakes Chapter of the National Association of Music Therapy, Cleveland, OH. April, 1981.
- “Creativity in the Schools,” East Cleveland Public Schools, East Cleveland, OH., October, 1980.
- “Music, Kids and Creative Thinking: Some Thoughts on Evaluation” Conference of the Ohio Music Educators Association, February, 1980.
- “Creative Thinking As a Bridge Between the Left and Right Hemispheres: Implications for Curriculum Design,” Second Annual Loyola Symposium, Loyola University, February, 1979.

PANEL PRESENTATIONS

- Participant, “Guidelines for Student Music Technology Competencies at Colleges and Universities,” College Music Society National Conference/Association for Technology in Music Instruction, Richmond, VA, October 21, 2011.
- Participant, "Exploring Models for Music Technology Curriculum at the University Level," College Music Society National Conference/Association for Technology in Music Instruction, Portland, Oregon, October 24, 2009.

- Participant, “Research in Music Technology,” Technology in Music Education Conference, Columbus, Ohio, February 9, 2007.
- Participant, Panel responding to the paper: “Deep Listening,” CIC Meeting, University of Michigan School of Music, Ann Arbor, October 18, 2006.
- Participant, “Thinking Out of the Box,” Great Lakes Chapter of the College Music Society, Northwestern University, April 1, 2006.
- Participant, “Issues for Assistant and Associate Music Executives,” National Association of Schools of Music, National Meeting, Boston, MA, November, 2005.
- Participant, “Intersections: Musical Creativity in Performance, Research, and Education,” CIC Meeting, Indiana University, Bloomington, October 20, 2005.
- Participant, “Intersections: Musical Creativity in Performance, Research, and Education,” CIC Meeting, Indiana University, Bloomington, October 20, 2005.
- Participant, “Historical Reflection on MENC and Research Support,” CIC Meeting, Pennsylvania State University, State College, October 24, 2003.
- Participant, “The Arts in Early Childhood: Curriculum in Context,” SIG/Arts and Learning, American Educational Research Association, 2002 Annual Meeting, New Orleans, April 1, 2002.
- Participant and Panel Chair, “Music Technology: Core Standards and Competencies,” National Association of Schools of Music, San Diego, CA, November, 20, 2000.
- Discussant, “Issues in Arts Education: Contexts for Teaching and Perspectives of Learning” Paper reading session, SIG/Arts and Learning, American Educational Research Association, 2000 Annual Meeting, New Orleans, April 25, 2000.
- Participant, “Curriculum and Technology I—So Much to Teach, so Little Time,” College Music Society National Conference/Association for Technology in Music Instruction, Denver, October 15-17, 1999.
- Participant, “Mapping Music Education Research in the UK,” Roehampton Institute London, England, September 18, 1999.
- “Creative Musical Thinking Over Time, Across Cultures, and in the Classroom,” SRIG—Creativity, National Convention, Music Educators National Conference, Phoenix, AZ., April, 1998.
- “Writing for MEJ,” National Convention, Music Educators National Conference, Phoenix, AZ., April, 1998.
- “Making Music Technology Work for You—Ask the Experts,” National Convention, Music Educators National Conference, Phoenix, AZ., April, 1998.
- “1998 Research Forum” Ohio Music Educator Association, Columbus, Ohio, January 22, 1998.

- “Technology Chat Panel: How May We Help?” Florida Music Educators Association Meeting, Tampa, Florida, January 9-11, 1997.
- “Establishment of an Electronic Journal in Music Education,” Roundtable Discussion, American Educational Research Association Annual Meeting, Chicago, Illinois, March 24-28, 1997.
- “Answering the Research Question: Quantitative Inquiry, Qualitative Inquiry, or a Blend?” 1996 CIC Music Education Conference, University of Michigan, Ann Arbor, October 16-18, 1996.
- “Open Forum for Music Educators,” College Music Society National Conference/Association for Technology in Music Instruction, Portland, OR, November 10, 1995.
- “The National Standards and Implications for Research,” CIC Conference, University of Indiana, Bloomington, October 19, 1995.
- “Research Seminar: Creativity Research,” 10th National Conference of the Australian Society for Music Education, Hobart, Tasmania, Australia. June 29, 1995.
- “Open Forum for Music Educators,” College Music Society National Conference/Association for Technology in Music Instruction, Savannah, GA, October 22, 1994.
- “Future Curricular Issues II: Music and Other Disciplines,” National Association of Schools of Music 1993 Annual Meeting, San Francisco, CA, November 21, 1993.
- “Stimulus Competition in Multimedia Computer Music Instruction: Which Should Win—The Aural or the Visual?” College Music Society National Conference/Association for Technology in Music Instruction, San Diego, CA, October 29-November 1, 1992.
- “Creative Thinking and Private Piano Instruction,” The Seventh Biennial Conference on Piano Pedagogy, Committee on Learning Theory, Schaumburg, Illinois, October 24, 1990.
- “Current Hardware and Software Technology in Music -- Q & A Interlude,” College Music Society/Association for Technology in Music Instruction, Washington, DC., October, 1990.
- Group Discussion Leader, *Ann Arbor Symposium III, Creativity and Motivation*, University of Michigan, August, 1982.
- Guest Participant and Panelist, Ohio State Conference on Early Childhood and Music, Ohio State University, July, 1979.

CONVENTION PROGRAM CHAIR

College Music Society, Chair of the Pre-Conference on Music Technology, "Technology as a Bridge: Interdisciplinary Work in Music," Richmond, VA, October, 2011

Director of the "Mini-Conference on Composition and Music Education." Northwestern University. June 13-15, 2011

College Music Society, Chair of the Pre-Conference on Music Technology, "Teaching Music in a High-tech Music Environment," Minneapolis, MN, October, 2010

Association for Technology in Music Instruction, Annual Conference, San Diego, CA., October 29-November 1, 1992. Arranged for the blind review of papers, panels and software demonstration proposals; correspondence with all presenters and program officials; supervised all local arrangements, including equipment and laboratory setup.

NATIONAL/INTERNATIONAL OFFICES

College Music Society, Member of the Publications Committee, 2011 – Present

College Music Society, Chair of the Technology Committee, 2010 - present

College Music Society, National Chair for Nominations Committee, 2007

Organizing Committee, 2004 CIC Meeting of Music Education Professors, Northwestern University, Evanston, IL, October 21-22, 2004.

Organizing Committee, 8th International Conference on Music Perception and Cognition, August, 2004

Board Member for Music Education, College Music Society (CMS), (1995-1998)

President, Association for Technology in Music Instruction (ATMI), (1995-2002)

Chair, Special Research Interest Group On Creativity (SRIG-C), sponsored by the Society for Research in Music Education, Music Educators National Conference, 1992-1996.

CONSULTANT WORK

NAMM, Sounds of Learning Project, Reviewer for Round 4, Milwaukee, WI., April 7-8, 2008.

NAMM, Sounds of Learning Project, Reviewer for Round 3, Washington, DC., February 22-23, 2007.

- Schiller Park Public Schools, Schiller Park, Illinois. Teacher workshops on music technology integration. July 13, 2006.
- NAMM, Sounds of Learning Project, Round 2, Greensboro, NC February, 2006.
- University of Minnesota, School of Music, Minneapolis. Evaluator of Doctoral Program in Music Education, May 20-21, 2005.
- University of Saskatchewan, Saskatchewan, Canada, Department of Music. Evaluator of music curriculum for internal program review, November 7-10, 2002
- Northern State University, Aberdeen, South Dakota, Consultant for music technology integration into college curricula, October 27-28, 2000
- Music Cognition Summit, University of Texas at San Antonio, San Antonio, TX, November 5-7, 1999.
- International Baccalaureate Organization, Advisory Group: Design of a CD-ROM and Internet Site for Music, Santa Fe, NM, January 24-26, 1999
- Illinois Music Educators Association, Judge for Composition Contest, January 30, 1999
- McGill University, Faculty of Music, Outside Reviewer of Music Technology Program, Montreal, Quebec, Canada, March 3-4, 1997.
- University of Wisconsin at Eau Claire, Department of Music, (co-presented with Stephen Syverud); Implementation of technology into music curriculum. February 8-10, 1995.
- Highland Park School District, Highland Park, IL. Design of a new music curriculum system-wide, August 8-10, 1994.
- North Park College, Chicago, IL. Implementation of technology in music curriculum. April, 1993.
- New England Conservatory of Music, Boston, MA. Spoke to Conservatory faculty on the redesign of undergraduate theory curriculum, March 27, 1992.
- Apple Computer, Inc., Workshops for higher education faculty on the topic of computers and music, September 1987 - June 1988.
- Dickinson College, Carlisle, PA. Implementation of technology in music curriculum. January, 1987.
- Guest Faculty for Apple Computer, Inc., Software Demonstration Sessions, EDUCOM Professional Conference, Pittsburgh, November 1986.

GRANTS FUNDED

EFFECTS OF MUSIC EXPERIENCES DURING SCHOOL YEARS ON PROFESSIONAL CREATIVE ACHIEVEMENTS AMONG A SAMPLE OF ARCHITECTS, CHEFS, AND ENGINEERS.

Total Amount: \$102,282. Funds designed to study the long-term effects of music experiences on creative achievement of adults who are not in music. Awarded by the NAMM Foundation, May 2009.

INTERACTIVE WHITEBOARD FOR MUSIC TEACHING AND LEARNING

Total Amount: \$5,997. Funds to purchase and install in the Music Administration Building an Interactive Whiteboard with projector and clicker response system. System designed for classes that require high levels of interactive work. Awarded by the Northwestern Alumnae Association, 2008.

MUSIC TEACHING COMPUTER RESOURCES, Total Amount: \$5,000. Funds to purchase laptop computers and music teaching software for the music education program. Funded by the Northwestern Alumnae Association, 2007.

DEERING MUSIC COMPUTER LABS, Total Amount: \$132,452. Funds established two music computer labs in the University Library. Funded by University Libraries, Instructional Technologies, and School of Music, Northwestern University, 2003.

KOHL MUSEUM MUSIC EXHIBIT, Total Amount: \$25,000

Funds used to support graduate students to help design and support a children's interactive music exhibit at the Kohl Children's Museum, Private Gift, 2000.

SMART CLASSROOM EQUIPMENT PURCHASE, Total Amount: \$8,000.

Funding from this grant provided for the installation of a multimedia projector and computer for a classroom in the Music Administration Building. (co-written with Richard Ashley). Funded by the Northwestern University Alumnae Association, 1998.

DISSERTATION AND ASSESSMENT MATERIALS PURCHASE, Total Amount: \$2,000.

Funding from this grant provided for the upgrading of published assessment materials in music education and the purchase of dissertations frequently used in instruction. Funded by the Northwestern University Alumnae Association, 1992.

PROPOSAL TO ESTABLISH A MUSIC COMPUTER LABORATORY AT THE SCHOOL OF MUSIC, NORTHWESTERN UNIVERSITY, Total Amount: \$87,500 Funds raised from the Kemper and Wurlitzer foundations, and from private sources. Funds created the "Mac Lab" in the School of Music, 1989.

INTERACTIVE COMPUTER VERSION OF *MEASURES OF CREATIVE THINKING IN MUSIC*, Total Amount: \$6,000. Funding from this grant supported the purchase of a high capacity personal computer for the development of an interactive version of the author's Measures of Creative Thinking in Music. This version of the measure provided children an opportunity to create sound structures with a computer and also allowed the research to record and study this behavior. The HyperCard programming environment was used with a Macintosh II computer. Funded by the Office of Research and Sponsored Programs, Northwestern University, 1988.

SOUND EQUIPMENT ACQUISITION, , Total Amount: \$1,500. This grant was awarded to the Department in order to purchase compact disk players for the music library and large classrooms. Funded by the Mather Alumni Association, 1985.

COMPUTER MUSIC LABORATORY, Total award: \$220,000. This major grant provided support for the establishment of a computers and music facility that provided technological needs for Department programs. Major expenditures were made for faculty development as well as hardware and software needs. Students at both the Cleveland Institute of Music and the University benefited from computer-aided assistance in music theory, history, and music education. Music printing, composition, and sound synthesis were supported with the aid of MIDI synthesizers. Workshops for area teachers and high school students were given. Funded by the Cleveland Foundation and the Kulas Foundation, 1985-1988.

A STUDY OF CURRENT DEVELOPMENTS IN COMPUTER-ASSISTED INSTRUCTION IN MUSIC AND THEIR IMPLICATIONS FOR A COMPUTER CENTER IN MUSIC AT CASE WESTERN RESERVE UNIVERSITY, Total amount: \$1,500. This grant supported a three-week residency at the Center for Music Research at Florida State University in order to: (1) study computer-assisted instruction and its potential in music instruction and (2) study behavior modification research and its methodology. Implications for further funded research were reported and a three-phase plan was written toward the goal of establishing a computer laboratory at the University. Funded by the Research Initiation Grant Fund, Case Western Reserve University, 1981.

AN ASSESSMENT OF MUSICAL IMAGINATION IN YOUNG CHILDREN and REFINEMENT OF A MEASURE OF MUSICAL IMAGINATION IN YOUNG CHILDREN, Total amount: \$3,995. These projects both sought to investigate the nature of the creative imagination in young children using sound stimuli. A set of activities were devised and administered individually to a sample of six, seven, and eight year old children. Sessions were video taped for analysis. Each project funded by the Charles Reiey Armington Research Program on Values in Children, Case Western Reserve University, 1978-1979 and 1981-1983.

LOCKER ACQUISITION, Total amount: \$1,000. This grant was used to purchase lockers for instrument storage for the benefit of music majors in the Department. Funded by the Mather Alumni Association, 1984.

SIGNIFICANT UNIVERSITY AND SCHOOL OF MUSIC SERVICE

NORTHWESTERN UNIVERSITY COMMITTEES AND COMMISSIONS OF IMPORTANCE

- Program Review Committee for the Department of Art Theory and Practice, Winter, 2008
- University Research Committee (2003 to present)
- Chaired, Program Review Committee for the Department of Statistics, May 2001
- Evaluation Committee for Graduate School, Group charged with the responsibility of evaluating Ph.D. programs at Northwestern (1999-2001)
- McCormick Review Committee for Outstanding Teaching University-wide, (1999-2001)
- Program Review Committee for the Slavic Languages Department (1997)
- Information Technology Coordinating Council (1992 - 1999)

- University Committee on Information Systems (1993 - 1999)
- Coordinating Council on Instructional Computing (1993 - 1995)
- Vice President for Research and Dean of Graduate School Search Committee (1992)
- University Teaching Committee (1990-1991)

NORTHWESTERN UNIVERSITY SCHOOL OF MUSIC

- Chair, Various Search Committees, 2006 to present
- Strategic Plan Committee, Department of Music Studies, Fall, 2007
- Faculty Executive Committee (Fall 2006 to Spring 2009)
- Deans Council, (Fall 2002 to 2006, 2007- 2009)
- Chair, Curriculum Conference Committee (Fall 2003 to 2006, 2007 to 2009)
- Chair, Faculty Executive Committee, 2001-2002
- Strategic Plan Committee, Committee helped the Associate Dean at Northwestern design a long-term strategic plan for the School of Music (2000)
- School Tenure Committee, Consider applications for tenure and promotion from within the School of Music. Verify that School procedures have been followed and evaluate dossiers. Chair of this committee in 1996 and in 2000. (1995 - 1997), (1998-2001)
- Associate Dean for Budget and Finance, School of Music, Search Committee (2000)
- Chair, Search Committees for Music Education Personnel (1998-present)
- Cognitive Science Committee, Advisory group that guides the activities of the Cognitive Science Program at Northwestern (1998 - 2001)
- Curriculum Conference Committee, Review initiatives between the Department of Academic Studies and Composition and the Department of Music Performance Studies (1997 - 1999)
- Director of Macintosh Music Lab, Oversee the day-to-day operation of the Macintosh Computer Music Laboratory. Order equipment and software, oversee budget, maintain daily schedule by setting hours and organizing student help, help other faculty and staff with computer-related problems and questions. (1988 - present)
- Director of School of Music Networking Project, Major architect for the Music Internet Project -- a major initiative with the Northwestern Telephone Group and Academic Computer and Network Services to inter-connect all music buildings on the Northwestern University, Evanston Campus with LocalTalk and Ethernet connections. (1991-1997)

UNIVERSITY COURSES TAUGHT

Courses in italics denote personal additions to course offerings

THEORY

1. Introduction to Theory for Non-Majors (CWRU)
2. *Comprehensive Musicianship* (CWRU)
3. Graduate Remedial Theory (CWRU)

MUSIC HISTORY AND LITERATURE

1. Historical Survey (music majors) (CWRU)
2. Introduction to Music Listening (non-majors) (CWRU)
3. *Seminar in Music Listening (adult program)* (CWRU)

MUSIC EDUCATION - UNDERGRADUATE

1. Trumpet Class (CWRU)
2. Brass Class (CWRU, NU)
3. Arranging for Voices and Instruments (CWRU)
4. Elements of Conducting (CWRU)
5. *Instrumental Conducting, Materials and Methods* (CWRU)
6. *Introduction to Research for Undergraduates* (CWRU, NU)
7. *Contemporary Media in Music Education* (CWRU)
8. Foundations of Music Education (CWRU, NU)
9. Secondary Methods in Music Education (CWRU)
10. *Psychology of Music* (CWRU)
11. Seminar in Music Teaching (CWRU)
12. *Composition and Improvisation in the Schools* (NU)
13. Philosophy of Music Education (NU)
14. *Research and Evaluation in Music Education* (NU)

MUSIC EDUCATION - GRADUATE

1. Research in Music Education (CWRU)
2. *Measurement and Evaluation in Music* (CWRU, NU)
3. Seminar in Music Teaching (CWRU)
4. *Creative Thinking in Music* (CWRU, NU)
5. *Seminar in Psychology of Music* (CWRU)
6. *Psychology of Music Teaching and Learning* (NU)
7. *Design and Implementation of Research* (NU)
8. Curriculum Development in Music (NU)
9. *Composition and Improvisation in the School Curriculum* (NU)
10. *Paradigms and Processes in Music Education Research* (NU)
11. Quantitative Research in Music Education (NU)
12. Philosophy of Music Education (NU)

TECHNOLOGY

1. *Computers and Music* (CWRU)
2. *Technology for the Music Educator* (undergraduate and graduate versions) (NU)
3. *Software Development in Music* (CWRU)
4. *Multimedia Software Development* (NU)

DOCTORAL DISSERTATION ADVISEMENT

MAJOR ADVISOR FOR COMPLETED DISSERTATION

Kenneth Elpus, *Justifying Music Education: Econometric Analyses of Issues in Music Education Policy*, June, 2011.

- Lois Guderian, *Effects of Applied Music Composition and Improvisation Assignments on Sight-Reading Ability, Learning in Music Theory and Quality in Soprano Recorder Playing*, August, 2008
- Kelly Roberts, *Participation in Musical Theater as a Vehicle for Understanding of Interdisciplinary Work in the Arts, Improvement of Self-Concept, and Music Achievement Among Fifth-Grade Students*, June 2007.
- Jay Dorfman, *Learning Music with Technology: The Influence of Learning Style, Prior Experiences, and Two Learning Conditions on Success with a Music Technology Task*, December 2006
- Janice Smith, *Music Compositions of Upper Elementary Students Created Under Various Conditions of Structure*, December, 2004
- Grace Kang, *Cognitive Apprenticeship Model As a Theoretical Framework For Applied Music Teaching and Learning*, December, 2003
- Wai Tong Lau, *The Historical and Musical Frameworks for Developing a Curriculum to Teach Chinese Music Literacy*, December, 2003
- Katherine Strand, *Nurturing Young Composers: Exploring the Relationship Between Instruction and Transfer in 9- to 12-Year –Old Children*, June, 2003
- Peter McCoy, *The Effects on Attitudes and Compositional Processes and Products of Variable Task Structuring and Metacognitive Activity in Novice Composers*, Northwestern University, May, 2000
- Michele Kaschub, *Student Descriptions of Their Individual and Collaborative Music Composition Processes and Products in Grade Six*, Northwestern University, May, 1999
- Betty Anne Younker, *Students' Thought Processes While Engaged in Musical Composition*, Northwestern University, December, 1997
- Margaret Berg, *Social Construction of Musical Experience in Two High School Chamber Music Ensembles*, Northwestern University, June, 1997
- Jody Kerchner, *Mental Representations of Perceptual and Affective Components of the Music Listening Experience as Evidenced in School Children's Verbal Reports, Visual, and Kinesthetic Representations*, Northwestern University, December, 1996
- Eleni Lapidaki, *Musical Tempo as a Measure of the Time Experience in Music Listening*, Northwestern University, December, 1996
(NOTE: This dissertation awarded the Most Outstanding Dissertation Award in Music Education for 1996 by the Council of Research in Music Education and the Music Educators National Conference)
- Louis Daignault, *A Study of Children's Creative Musical Thinking Within the Context of a Computer-Supported Improvisational Approach to Composition*, Northwestern University, December, 1996

Maud Hickey, *Qualitative and Quantitative Relationships Between Children's Creative Musical Thinking Processes and Products*, Northwestern University, December, 1995

(NOTE: This dissertation awarded the Most Outstanding Dissertation Award in Music Education for 1995 by the Council of Research in Music Education and the Music Educators National Conference)

Carlos Rodriguez, *Children's Perception, Production, and Description of Musical Expression*, Northwestern University, June, 1995

Steve Werpy, *Relationship Between Selected Factors of Motivation for Participation in High School Band and General Motivation for Musical Experience in Students in Montana*, Northwestern University, June, 1995

Robert Dunn, *Perceptual Modality and Children's Music Listening Processes*, Northwestern University, July, 1994

(NOTE: This dissertation awarded the Most Outstanding Dissertation Award in Music Education for 1994 by the Council of Research in Music Education and the Music Educators National Conference)

Judy Bundra, *A Study of the Music Listening Process Through the Verbal Reports of School-Aged Children*, Northwestern University, May, 1993

(NOTE: This dissertation was a finalist for the Most Outstanding Dissertation Award in Music Education for 1993 by the Council of Research in Music Education and the Music Educators National Conference)

Scott Johnson, *A Description of Selected Aspects of Musical Experience From the Students' Perspective Within the Context of a Secondary Orchestra Rehearsal: a Qualitative Case Study*, Northwestern University, December, 1990

Douglas Bartholomew, *A Phenomenology of Music: Themes Concerning the Musical Object and implications for Teaching and Learning*, Case Western Reserve University, May 1985

(NOTE: This dissertation awarded the Most Outstanding Dissertation Award in Music Education for 1985 by the Council of Research in Music Education and the Music Educators National Conference)

Diana Swanner, *Relationship Between Musical Creativity and Factors of Personality and Motivation in Third Grade Children*, Case Western Reserve University, August 1985

Rosemary Forsythe, *The Stabilization of Music Aptitude as a Function of Formal Music Training*, Case Western Reserve University, December 1983

Wesley Ball, *A Philosophical Study of Qualitative Movement: Implications for Early Childhood Music Programs*, Case Western Reserve University, May 1983

Joyce Bogusky-Reimer, *A major for a Comprehensive Arts Program with Interdisciplinary Arts Lessons as Unifiers*, Case Western Reserve University, May 1979

Susanna Guthman, Cycles of Revision: A Study of Middle and High School Students' Music Compositions

PROFESSIONAL ORGANIZATIONS

INTERNATIONAL SOCIETY FOR MUSIC EDUCATION
MUSIC EDUCATORS NATIONAL CONFERENCE
SOCIETY FOR RESEARCH IN MUSIC EDUCATION
ILLINOIS MUSIC EDUCATORS ASSOCIATION
COLLEGE MUSIC SOCIETY
ASSOCIATION FOR TECHNOLOGY IN MUSIC INSTRUCTION

10/26/11