

Curriculum Vitae

Thomas W. Pierce

Address: Department of Psychology
Radford University
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Position: Professor of Psychology

Education:

Sept. 1990-
August 1992 Postdoctoral Fellow, Center for the Study of Aging and Human
Development, Duke University Medical Center. Preceptors: David J.
Madden, Ph.D. & James A. Blumenthal, Ph.D.

1990 Ph.D. Psychology (Experimental), University of Maine, Orono, Maine. August
1990. Advisor: Merrill F. Elias, Ph.D.

1984-1990 Graduate Student in Experimental Psychology at the University of Maine.

1984 B.A. McGill University, Montreal, Canada. Major in Psychology.

Professional Affiliations:

- Gerontological Society of America
- Association for Gerontology in Higher Education
- American Psychological Society
- Society for Psychophysiological Research
- International Institute for Reminiscence and Life Review

Professional Positions:

2004-Present *Professor of Psychology*, Radford University. Instructor of graduate and
undergraduate level statistics. Engaged in research examining cognitive function
in older adults, cardiovascular psychophysiology, stress and cognitive function,
the application of dynamical systems theory to psychology, and autobiographical
memory.

1998-2004 *Associate Professor of Psychology*, Radford University. Instructor of graduate
and undergraduate level statistics. Engaged in research examining cognitive

function in older adults, EEG correlates of cognitive function, stress and cognitive function, the application of dynamical systems theory to psychology, and autobiographical memory.

- 1992 – 1998 *Assistant Professor of Psychology*, Radford University. Instructor of graduate and undergraduate level statistics. Engaged in research examining cognitive function in older adults, EEG correlates of cognitive function, stress and cognitive function, and the development of an electronic mail support group for Alzheimer's caregivers.
- 1990 - 1992 *Postdoctoral Fellow*, Center for the Study of Aging and Human Development, Duke University Medical Center. Conducted research projects examining semantic priming, focused and distributed visual attention, and probability learning in older adults. Preceptors: David J. Madden, Ph.D. & James A. Blumenthal, Ph.D.
- 1985 - 1990 *Research Assistant* on NIA Grant 35501 awarded to Dr. Merrill F. Elias, Ph.D., University of Maine. Duties: administration of WAIS and Halstead-Reitan Neuropsychological Test Battery

Awards and Honors:

- Radford University Foundation Award for Creative Scholarship (2006).
- Radford University Nominee for State Council of Higher Education in Virginia Outstanding Faculty Award (2005, 2007, 2009).
- College of Arts and Sciences Distinguished Teaching Award, 2002.
- Nominated for the Donald M. Dedmon Award for Professorial Excellence (1998, 2007).
- Nominated for the College of Arts and Sciences Distinguished Teaching Award, 1998

Department, College, and University Service:

- Chair, 19 thesis committees from 1993-2011.
- Member, 58 thesis committees from 1993-2010.
- Member, three dissertation committees (Two, Radford University; One, Virginia Tech)
- Chair, University Seed Grant Committee. (2008-2010).
- Chair, Institutional Review Board for the Review of Human Subjects Research,

- 1993-1996. 2008-2009.
- Member, Institutional Review Board for the Review of Human Subjects Research, 1993 -1997, 2007—Present.
 - Faculty Advisor, Radford University Chapter of Psi Chi, the Honor Society of Psychology (2003-2009).
 - Member, Search Committee for the Dean of the College of Arts and Sciences (2006-2007).
 - Member, President’s Task Force on Graduate Education, 2006-2007.
 - Member, Faculty Awards Committee, 2006-2008.
 - Chair, University Ad Hoc Committee on Research, 2004-2005.
 - Chair, Department Restructuring Committee, 2002-2003.
 - Member, Awards Committee, College of Arts and Sciences Distinguished Teaching Award, 2004.
 - Proposal Development Award Committee, 1998 – 2002; 2004-2010.
 - University Space Committee, 2000 – 2002.
 - Chair, Psychology Department Space Committee 2004-Present.
 - Chair, Search Committee for the King Eminent Scholar in Psychology position, 2000.
 - Member, Radford University Faculty Senate, 1995 – 1997
 - Member, University Fiscal Exigency Committee, 1993 – 1995
 - Coordinator of the Experimental Psychology Graduate Program, 1995-1997; 2001 – 2003.
 - Chair, Departmental Committee to Review Graduate Programs, 1993-1996.
 - Member, Departmental Curriculum Committee, 1993-1994.

Professional Activities:

- February 2008 Coordinator, Pre-Conference Institutes, Annual Meeting of the Association for Gerontology in Higher Education. Baltimore, MD.
- November 2005 Chair, Session titled “The Aging Brain” at the Annual Meeting of the Gerontological Society of America, Orlando, FL.
- November 2002 Chair, Session titled “Caregiving and Health Outcomes” at the Annual Meeting of the Gerontological Society of America, Chicago, IL
- June 1998 Member of a panel discussing Ethics of Alzheimer’s Disease at the 1998 Educational Forum on Alzheimer’s Disease. Sponsored by the Roanoke/Salem Chapter of the Alzheimer’s Association.
- October 1996 Chair, paper session at the Fifth Appalachian Conference on Neurodynamics.

- October 1995 Chair, paper session at the Fourth Appalachian Conference on Neurodynamics.
- March 1994 Chair, paper session at the Annual Meeting of the Association for Gerontology in Higher Education titled "Interdisciplinary training in lifespan health assessment and promotion".

Activities within Professional Organizations:

- ***President, Advisory Board***, International Institute for Reminiscence and Life Review (2009-Present).
- ***Member, Advisory Board***, International Institute for Reminiscence and Life Review (2006-Present).
- ***Chair, Publications Committee***, International Institute for Reminiscence and Life Review, (2010 – Present).
- ***Member, Executive Committee***, Association for Gerontology in Higher Education (2007-2009).
- ***Program Co-Chair, 2009 Annual Meeting***, Association for Gerontology in Higher Education (2007-2009).
- ***Co-Chair, Program Committee***, Association for Gerontology in Higher Education (2008-2009).
- ***Chair, Site Selection Committee***, Association for Gerontology in Higher Education (2008-2009)
- ***Chair, Reminiscence and Aging Interest Group***, Gerontological Society of America. (2005-2008).
- ***Member, Program Committee***, Gerontological Society of America (2007-2008).
- ***Member, Research, Education, and Practice Committee***, Gerontological Society of America. 2003-2004; 2005-2007.
- ***Member, Program Development Committee***, Association for Gerontology in Higher Education. 2001-2007.

- **Member, Program Committee for the Behavioral and Social Sciences Section** of the Gerontological Society of America. 2000-2001, 2007-2008.
- **Institutional Representative** to the Association for Gerontology in Higher Education. 1995-present.
- **Member, Research Committee**, Association for Gerontology in Higher Education, 1994-1995.

Community Service

- **Board Member**, Radford Children’s Theater, 2010 – Present.
- **Member**, Radford Youth-Adult Partnership, 2010 – Present.
- **Grant Writer**, FIRST Lego League Equipment Grant: Team Radford, Amount of Award (\$600). Awarded October 2008.
- **Consultant**, Gainsboro District Oral History Project, Roanoke, VA (2006-2007).
- **President and Chair of the Board of Directors**, Roanoke/Salem Chapter of the Alzheimer’s Association. 1997 – 1999.
- **Member, Board of Directors**, Roanoke/Salem Chapter of the Alzheimer’s Association, 1994 – 1999.

Editorial and Grant Reviewer Activities:

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| 2005-Present | Editor , Newsletter for the International Institute for Reminiscence and Life Review. |
| 2009 | Reviewer for one grant submitted to the Social Sciences and Humanities Research Council of Canada. |
| 1999-2004 | Reviewer for the Alzheimer’s Association’s Investigator-Initiated Awards Program (awards greater than \$100,000). |
| 1993-present | Editorial Consultant for the following journals and books: <ul style="list-style-type: none"> - Journal of Behavioral Medicine - Neuropsychologia |

- Neuropsychology
- Journal of Cognitive Neuroscience
- Psychosomatic Medicine
- Sports and Exercise in Medicine and Health
- Neurobiology
- Psychophysiology
- Health Psychology
- Psychology and Aging
- Experimental Aging Research
- Death Studies
- International Journal of Obesity
- Annals of Behavioral Medicine
- Journals of Gerontology: Psychological Sciences
- Activities Handbook for the Teaching of Psychology (4th ed)
- The Encyclopedia of Gerontology

Grants and Awards:

Pierce, T. W. Quantitative Analysis of Autobiographical Memory Data. *Summer Faculty Research Award*. (\$10,000). Awarded April 2009.

Pierce, T. W. & King, J. S. Heart rate correlates of ADHD. *Summer Faculty Research Award*. (\$17,000). Awarded March 2007.

Pierce, T. W. & King, J. S. Heart rate correlates of ADHD. *Summer Faculty Research Award*. (\$7200). Awarded March 2006.

Pierce, T. W. & King, J. S. Psychophysiological analysis of persons with ADHD. *College of Arts & Sciences Faculty Development Award*. (\$9500). Awarded February 2005.

Pierce, T. W. & King, J. S. Heart rate variability in persons with ADHD. *College of Arts & Sciences Faculty Development Award*. (\$7350). Awarded February 2004.

Pierce, T. W. Strengthening autobiographical memory in persons with Alzheimer's disease. *Radford University Proposal Development Award*. (\$9958). Awarded April 2001.

Pierce, T. W., & King, J. S. Effects of Age on Variability in Vigilance Performance. Radford University Faculty Professional and Instructional Grant. (\$1030). Awarded March 2000.

Pribram, K. H., **Pierce, T. W., & King, J. S.** Image processing. *Department of Defense*. (\$99,527). Awarded February 1999.

Pierce, T. W., & King, J. S. Dynamic analysis of EEG in Alzheimer's disease II, *St. Alban's Foundation*.(\$7,750). Awarded February 1998.

King, J. S., & **Pierce, T. W.** Neuropsychology of attention: Responses to novelty as a function of figure-ground organization, *Radford University Seed Grant*.(3500). Awarded April 1997.

Pierce, T. W., & King, J. S. Dynamic analysis of EEG in Alzheimer's disease, *St. Alban's Foundation*.(7,750). Awarded February 1997.

McDaniel, J. L., & **Pierce, T. W.** Fostering communication between Alzheimer's caregivers and human service professionals through use of a computer network, *Radford University Waldron Faculty Research Grant*. (\$4,000). Awarded October 1995.

Pierce, T. W., & McDaniel, J. L. Effects of a computer-mediated support network on caregiver stress, *Alzheimer's Association Pilot Research Grant*. (\$29,998). Awarded November 1994.

Pierce, T. W. The effects of memory on age differences in performance of the Digit-Symbol Task, *Radford Foundation Faculty Professional and Instructional Development Program*. (\$580). Awarded October 1994.

McDaniel, J. L., & **Pierce, T. W.** Development of a user-friendly computer network for Alzheimer's caregivers, *Radford University Waldron Faculty Research Grant*. (\$4,000). Awarded October 1994.

Pierce, T. W., & McDaniel, J. L. Effects of computer-mediated communication on stress in Alzheimer's caregivers, *Graduate Faculty Summer Research Grant*. (\$2000). Awarded March 1993.

Pierce, T. W. *American Psychological Association Dissertation Award*. (\$500). Awarded May 1990.

Dissertation:

Cardiovascular Responsivity and Cognitive Performance in Subjects with a Family History of Hypertension. Dissertation presented to the Graduate School of the University of Maine. August, 1990. (*Defended with distinction*).

Publications:

- Aspelmeier, J. E., Love, M. M., McGill, L. A., Elliott, A. N., & **Pierce, T. W.** (Under Review). Self-esteem, locus of control, college adjustment, and GPA among first- and continuing-generation students: A moderator model of generational status. *Journal of Research in Higher Education*.
- Bradley, J., Werth, J. L., Hastings, S. L., & Pierce, T. W. (Under Review). Understanding social advocacy in rural areas through the views of mental health practitioners. *Professional Psychology: Research and Practice*.
- Pierce, T. W.** (2010). Potential, resistance, and the “power” of teaching. Radford University Foundation. *In Celebration of Teaching: Radford University Faculty Perspectives*. Linus Publications, Deer Park, NY.
- Aspelmeier, J. E. & **Pierce, T. W.** (2010). *SPSS: A User-Friendly Approach for Versions 17 and 18 (2nd Ed.)*. Worth Publishers, New York, NY.
- Aspelmeier, J. E. & **Pierce, T. W.** (2009). *SPSS: A User-Friendly Approach*. Worth Publishers, New York, NY.
- Elliott, A. N., Alexander, A. A., **Pierce, T. W.**, Aspelmeier, J. E., & Richmond, J. M. (2009). Childhood maltreatment, poly-victimization, psychological distress, and adjustment to college in women. *Child Maltreatment*, 14, 549-566.
- Richmond, J. M., Elliott, A. E., **Pierce, T. W.**, & Aspelmeier, J. E. (2009). Child Sexual Abuse, Psychological Distress, and Poly-Victimization in College Age Women. *Child Maltreatment*, 14, 127-147.
- Pierce, T. W.** (2007). The landscape of reminiscence research. *Proceedings of the Sixth Biennial Conference of the International Institute on Reminiscence and Life Review*. University of Wisconsin – Superior. pp. 291-297.
- Pierce, D. T. & **Pierce, T.W.** (2007). Effective use of demonstration assessments in the classroom relative to the laboratory. *Journal of Chemical Education*, 84, 1150-1155.
- Rich, T. A., Connelly, J. R., **Pierce, T. W.** and Karasik, R. (2006). Guidelines for Master’s Degree Programs in Gerontology. *Standards and Guidelines for Gerontology Programs*. Association for Gerontology in Higher Education (2nd Ed.). Washington, D.C.
- Pierce, T. W.**, Grim, R., & King, J. S. (2005). Family history of hypertension and cardiovascular reactivity: A meta-analysis. *Psychophysiology*, 42, 125-131.

Pierce, T. W. Evaluating Groups for Older Adults. (2005). In B. Haight and F. Gibson (Eds.), *Working with Older Adults (4th ed.)*. Jones & Bartlett Press.

Whiting, W. L., Madden, D. M., **Pierce, T. W.**, & Allen, P. A. (2005). Searching from the top down: Aging and attentional guidance during singleton detection. *Quarterly Journal of Experimental Psychology*, 58A, 72-97.

Pierce, T. W., Watson, T. D., King, J. S., Kelly, S. P., & Pribram, K. H. (2003). Age differences in factor analysis of EEG. *Brain Topography*, 17, 19-27.

Simonelli, C. J., Mullis, T., Elliott, A. N., & **Pierce, T. W.** (2002). Abuse by siblings and subsequent experiences of violence within the dating relationship. *Journal of Interpersonal Violence*, 17, 103-121.

Pierce, T. W., Kelly, S. P., Watson, T. D., King, J. S., Replogle, D., & Pribram, K. H. (2000). Age differences in dynamic analysis of EEG. *Brain Topography*, 13, 127-134.

Pierce, T. W. (2000). Reaction time. In the encyclopedic reference work *Aging*, Salem Press.

Pierce, T. W. (1999). The signal detection game: A class exercise for generating an ROC curve. In L. T. Benjamin, B. F. Nodine, R. M. Ernst, and C. Blair-Broeker (Eds.), *Handbook of Activities in the Teaching of Psychology (4th Ed.)*, American Psychological Association.

Pierce, T. W., & King, J. S. (1998). Using EEG to study Alzheimer's disease and aging. *The Virginia Psychologist*, 42, 5-6.

Madden, D. J., **Pierce, T. W.**, & Allen, P. A. (1996). Adult age differences in the use of distractor homogeneity during visual search. *Psychology and Aging*, 11, 454-474.

Pribram, K. H., King, J. S., **Pierce, T. W.**, & Warren, A. (1996). Some methods for dynamic analysis of scalp EEG. *Brain Topography*, 8, 235-244.

Pierce, T. W. (1995). Skills training in stress management. In W. O'Donohue & L. Krasner (Eds.), *Handbook of Psychological Skills Training*, Allyn & Bacon Press.

Madden, D. J., Connelly, L., & **Pierce, T. W.** (1994). Age differences in shifting focused attention as a function of display type and cue validity. *Psychology and Aging*, 9, 528-538.

Madden, D. J., **Pierce, T. W.**, & Allen, P. A. (1993). Age-related slowing and the time

course of semantic priming in visual word identification. *Psychology and Aging*, 8, 490-507.

Pierce, T. W., Madden, D. J., Blumenthal, J. A., & Siegel, W. C. (1993). Aerobic exercise, cognitive function, and psychosocial function in subjects with mild hypertension. *Health Psychology*, 12, 286-291.

Blumenthal, J. A., Madden, D. J., **Pierce, T. W.**, & Siegel, W. C. (1993). Hypertension affects cognitive performance and mood. *Psychosomatic Medicine*, 55, 44-50.

Pierce, T. W., & Elias, M. F. (1993). The cognitive performance of college-age subjects with a family history of hypertension. *Journal of Behavioral Medicine*, 16, 277-294.

Madden, D. J., **Pierce, T. W.**, & Allen, P. A. (1992). Adult age differences in attentional allocation during memory search. *Psychology and Aging*, 7, 594-601.

Elias, M. F., Podraza, A. M., **Pierce, T. W.**, & Robbins, M. A. (1991). Determining neuropsychological cut scores for older, healthy adults. *Experimental Aging Research*, 16, 209-220.

Elias, M. F., Robbins, M. A., Schultz, N. R., & **Pierce, T. W.** (1990). Is blood pressure an important variable in research on aging and neuropsychological test performance? *Journal of Gerontology: Psychological Sciences*, 45, 128-135.

Pierce, T. W., Elias, M. F., Keohane, P. J., Podraza, A. M., Schultz, N. R. & Robbins, M. A. (1989). Predictive validity of a short form of the Halstead Category Test: Influence of age, level of education, and gender. *Experimental Aging Research*, 15, 137-141.

Symposia Organized:

Pierce, T. W. & Schrauf, R. The creative legacy of reminiscence and life review. Symposium presented at the *Annual Meeting of the Gerontological Society of America*. November, 2006, Dallas, TX.

Pierce, T. W. Stories with a purpose: Perspectives on explaining the therapeutic effects of reminiscence. Symposium presented at the *Annual Meeting of the Gerontological Society of America*. November, 2004. Washington, DC. Participants: William Puentes, Barbara Haight, Michele Norman, Thomas Pierce, and James Birren.

Pierce, T. W., & Hodgson, L. G. Vigor and vitality in later life: Health promotion for older adults. Symposium presented at the *Annual Meeting of the Gerontological Society of America*. November, 2004. Washington, DC. Participants: Thomas Perls, Judith Feder,

Margaret Hawkins, and John Wren.

Papers Presented at Professional Meetings:

Hodge, M., **Pierce, T. W.**, & Grim, R. Anticipation of different types of stressors moderates the effects of a family history of hypertension on baseline blood pressure. Abstract submitted for presentation at the 2012 Annual Meeting of the Society of Behavioral Medicine. New Orleans, LA, April 2012.

Pierce, T. W. & Schroots, J. J. F. Spatial analysis of LIM life-lines and subjective well-being. Paper accepted for presentation at the 2011 International Reminiscence and Life Review Conference. Boston, MA, November 2011.

Pierce, T. W. Perspectives on Therapeutic Reminiscence. Discussant for symposium session accepted for presentation at the 2011 meeting of the Gerontological Society of America. Boston, MA, November 2011.

Streett, J. & **Pierce, T. W.** The effects of target face non-detection on heart rate. Paper presented at the 2011 William & Mary Graduate Student Research Conference. Williamsburg, VA, April 2011.

Frum, P. & **Pierce, T. W.** Spectral analysis of sequential time reproductions and scores on the Connors Adult ADHD Rating Scale. Paper presented at the 2011 William & Mary Graduate Student Research Conference. Williamsburg, VA, April 2011.

Elliott, A. N., Cordial, P., Hoover-Thompson, A., & Sherman, R., Aspelmeier, J. E., & **Pierce, T. W.** Relative Contributions of Childhood and Past-Year Victimizations in Predicting Trauma Symptoms. Poster presented at the Annual Meeting of the Eastern Psychological Association, Boston, MA, March 2011.

Pierce, T. W. Discussant for symposium session “Applications of Reminiscence and Life Review to Diverse Aspects of Gerontological Research and Practice” presented at the 2010 Annual Meeting of the *Gerontological Society of America*. New Orleans, LA, November 2010.

Pierce, T. W. & Schroots, J. J. F. Quantitative Analysis of Lifeline Autobiographical Memory Data. Paper presented at the 2010 Annual Meeting of the *Gerontological Society of America*. New Orleans, LA, November, 2010.

Aspelmeier, J. E., Elliott, A. N., & **Pierce, T. W.** Attachment as a factor of resiliency for childhood polyvictimization. Paper presented at the *Biennial Meeting of the International Association for Relationships Research*. Herzliya, Israel, July 2010.

- Pierce, T. W.** & Schroots, J. J. F. Quantitative Analysis of Lifeline Autobiographical Memory Data. Paper presented at the 2009 Annual Meeting of the *Gerontological Society of America*. Atlanta, GA.
- Pierce, T. W.** Reminiscence and Life Review Research. Closing Address to the 2009 Annual *Radford University Student Nursing Research Conference*. Radford, VA. April 2009.
- Nelson, S., & **Pierce, T. W.** Time series analysis of sequential time reproductions. Paper presented at the *Third International Conference on Psychology*. June, 2009. Athens, Greece.
- Pierce, T. W.**, Jenks, A., & Tompkins, P. A multimedia-based service learning activity for presenting reminiscences of older adults. Paper accepted for presentation at the 2009 Annual Meeting of the *Association of Gerontology in Higher Education*. San Antonio, TX.
- Pierce, T. W.** Discussant for symposium session “Theories of Reminiscence and Life Review” at the 2008 Annual Meeting of the *Gerontological Society of America*. Washington, DC., November 2008.
- Pierce, T. W.** The landscape of reminiscence research. Paper presented at the *Sixth International Conference on Reminiscence and Life Review*. San Francisco, CA, November, 2007
- Pierce, T. W.** Griffith, B., King, J. S., & Grim, R. A regression-based meta-analysis of cardiovascular baselines in participants with and without a family history of hypertension. Paper presented at the Annual Meeting of the *Society for Psychophysiological Research*. Savannah, GA, October 2007.
- Pierce, T. W.** “Autobiographical memory training for persons with Mild Cognitive Impairment”. Invited presentation at the *Annual Meeting of the Virginia Nursing Association*. April 10, 2007, Roanoke, VA.
- Pierce, T.W.** Using multimedia for intergenerational transmission of narrative, reminiscence, and life review. Symposium paper presented at the *Annual Meeting of the Gerontological Society of America*. Dallas, TX. November 2006.
- Elliott, A. N., Richmond, J. M., **Pierce, T. W.**, & Aspelmeier, J. E. (2005). Child Sexual Abuse, Psychological Distress, and Poly-Victimization in College Age Women. Paper presented at the *International Society for Traumatic Stress Studies (ISTSS)* in Hollywood, California, November 2006.
- Holland, A. K. **Pierce, T. W.**, King, J. S., & Willner, J. A. Age differences in EEG evoked potential indices of the motor component of reaction time. Paper presented at the 2005

Annual Meeting of the Society for Cognitive Neuroscience. April, 2005. New York, NY.

Pierce, T. W. Use of multimedia to prime memory for personal history. Symposium presentation at the *Annual Meeting of the Gerontological Society of America*. November, 2004. Washington, DC.

Whiting, W., Madden, D. J., **Pierce, T. W.**, & Allen, P. A. Searching from the top down: Aging and attentional guidance during singleton search. Paper presented at the 2004 meeting of *Cognitive Aging Conference*. April, 2004. Atlanta, GA.

Pierce, T. W., & Labatto, M. Using multimedia to conduct life history research. Paper presented at the *Annual Meeting of the Association for Gerontology in Higher Education*. March, 2004. Richmond, VA.

Podraza, A. M., Thomas, J. D., & **Pierce, T. W.** Factorial complexity and predictive validity of several measures of phonological ability underlying reading skill in children. Paper presented at the *Annual Meeting of the International Neuropsychological Society*. February, 2004. Baltimore, MD.

Holland, A. K., **Pierce, T. W.**, King, J. S., & Pribram, K. H. Age differences in EEG event-related potential indices of reaction time. Paper presented at the *Annual Meeting of the Gerontological Society of America*. November, 2003. San Diego, CA.

Casey, J., King, J. S., & **Pierce, T. W.** Heart rate correlates of deception detection. Paper presented at the *Annual Meeting of the Society for Psychophysiological Research*. October, 2003. Chicago, IL.

Pierce, T. W. The use of multimedia to compile life history materials. Paper presented at the *Fifth International Conference on Reminiscence and Life Review*. October, 2003. Vancouver, Canada.

Pierce, T. W., Watson, T. D., King, J. S., & Pribram, K. H. Age differences in principal components analysis of EEG. Paper presented at the 2002 *Annual Meeting of the Gerontological Society of America*. November, 2002. Boston, MA.

Pierce, T. W. and Grim, R. Family history differences in cardiovascular responses to stress are greatest for low intensity stressors: A regression-based meta-analysis. Paper presented at the *Annual Meeting of the Society of Behavioral Medicine*. March 2002, Washington, D.C.

Watson, T. D., **Pierce, T. W.**, Kelly, S. A., King, J. S., & Pribram, K. H. EEG correlates of neuropsychological test performance in younger and older adults. Paper presented at the *Annual Meeting of the Gerontological Society of America*. November, 2001.

Dean, B., & **Pierce, T. W.** Internet resources for professional caregivers of persons with Alzheimer's disease. Paper presented at the *5th Annual Radford University Gerontology Conference*. March, 2001, Radford, VA.

Pierce, T. W., Watson, T. D., Minter, C. M., Kelly, S. P., King, J. S., & Pribram, K. H. Age and EEG correlates of continuous task performance. Paper presented at the *Annual Meeting of the Gerontology Society of America*. November, 2000, Washington, D.C.

Pierce, T. W., Watson, T. D., King, J. S., & Pribram, K. H. Age differences in the factor structure of EEG. Paper presented at the *Annual Meeting of the Society for Neuroscience*. November, 1999, Miami, FL.

Pierce, T. W. Age differences in the mathematical complexity of scalp-recorded EEG. *First Summer Meeting of the Bio-Fusion Working Group*. August 1999, Radford, VA.

York, J., & **Pierce, T. W.** Gender differences in EEG during performance of a sustained attention task. Paper presented at the *Fourth Annual Radford University Student Research Conference on Gender*. April 1999, Radford, VA.

Pierce, T. W., Replogle, D., Kelly, S., King, J. S., & Pribram, K. H. Age-related changes in dynamic measures of EEG. Paper presented at the *Annual Meeting of the Gerontological Society of America*. November, 1998, Philadelphia, PA.

Pierce, T. W. A class demonstration for generating scientific hypotheses. Paper presented at the *Teaching Institute of the Annual Meeting of the American Psychological Society*. May, 1998. Washington, DC.

Pierce, T. W. & McDaniel, J. L. Effects of an electronic-mail support network on caregiver stress. Paper presented at the *Annual Meeting of the Association for Gerontology in Higher Education*. March, 1998. Winston-Salem, NC.

Pierce, T. W., Minter, C. M., Madden, D. J., & Noll, J. A. Effects of age and practice on response latency in a computerized version of the Digit-Symbol Task. Paper presented at the *Annual Meeting of the Gerontological Society of America*. November, 1997. Cincinnati, OH.

Pierce, T. W., King, J. S., Replogle, D., Kelly, S., McClain-Furmanski, D., & Pribram, K. H. Effects of age and cognitive load of the topography of EEG power spectra. Paper presented at the *Annual Meeting of the Society for Neuroscience*. October, 1997. New Orleans, LA.

- Minter, C. M., & **Pierce, T. W.** Age differences on a computerized version of the Digit-Symbol Task. Paper presented at the *Annual Meeting of the Virginia Psychological Association*. April, 1997. Roanoke, VA.
- Taylor, L. A., & **Pierce, T. W.** A regression-based meta-analysis of heart responses to stress in college-age subjects with a family history of hypertension. Paper presented at the *Annual Meeting of the Virginia Psychological Association*. April, 1997. Roanoke, VA.
- Pierce, T. W.** The signal detection game: A class demonstration for generating an ROC curve. Paper presented at the *Annual Meeting of the Eastern Psychological Association*. March, 1997. Washington, DC.
- Pribram, K. H., King, J. S., **Pierce, T. W.**, & Warren, A. "Some methods for dynamic analysis of scalp EEG". Paper presented at the *Annual Meeting of the Society for Neuroscience*. November, 1996. Washington, DC.
- McDaniel, J. L., **Pierce, T. W.**, & Perry, K. K. "Use of a university-based computer network to provide social support and continuing education for Alzheimer's caregivers". Paper presented at the 22nd *Annual Meeting of the Association of Gerontology in Higher Education*. March, 1996. Philadelphia, PA.
- Madden, D. J., **Pierce, T. W.**, & Allen, P. A. Selective attention and visual search: Age and feature homogeneity effects. Paper presented at the 36th *Annual Meeting of the Psychonomic Society of America*. November, 1995. Los Angeles, CA.
- Perry, K. K., McDaniel, J. L., & **Pierce, T. W.** "A user-friendly computer network for Alzheimer's Caregivers". Paper presented to the *Virginia Nursing Students Association*. July, 1995. Roanoke, VA.
- Pierce, T. W.**, Madden, D. J., & Noll, J. P. Age differences in performance on consistent and varied mapping versions of the digit-symbol task. Paper presented at the *Annual Meeting of the Gerontological Society of America*, November, 1994. Atlanta, GA.
- Herbert, W., Harris, A., Parlow, D., **Pierce, T. W.**, & Hiltonsmith, R. Physician/pharmacist/patient- Where does the responsibility for compliance lie? Presented at the *23rd International Congress of Applied Psychology*, July, 1994. Madrid, Spain.
- Johnston, C., & **Pierce, T. W.** Intensity of training and cognitive function in older adults. Paper presented at the *Annual Meeting of the Southeastern Psychological Association*, March, 1994. New Orleans, LA.
- Pierce, T. W.**, Madden, D. J., & Allen, P. A. Adult age differences in attentional allocation

during memory search. Paper presented at the *Annual Meeting of the Gerontological Society of America*. November, 1992. Washington, DC.

Pierce, T. W., Madden, D. J., Blumenthal, J. A., & Siegel, W. Aerobic exercise, cognitive function, and mood in subjects with mild hypertension. Paper presented at the *Annual Meeting of the Society of Behavioral Medicine*. March, 1992. New York, NY.

Madden, D. J., & **Pierce, T. W.** Age and semantic activation: A comparison of priming effects from lexical decision and word naming tasks. Paper presented at the *Annual Meeting of the Gerontological Society of America*. November, 1991. San Francisco, CA.

Pierce, T. W., & Elias, M. F. Cardiovascular responsivity and cognitive performance in subjects with a family history of hypertension. Paper presented at the *Annual Meeting of the Society of Behavioral Medicine*. March, 1991. Washington, D.C.

Keohane, P. J., Elias, M. F., Robbins, M. A., & **Pierce, T. W.** Responses of subjects with and without a family history of hypertension to threatening words. Paper presented at the *Maine Biological and Medical Sciences Symposium*. May, 1990. Bar Harbor, ME.

Pierce, T. W., & Elias, M. F. Preliminary analyses regarding the cognitive performance of subjects with a family history of hypertension. Paper presented at the *Maine Biological and Medical Sciences Symposium*. May, 1990. Bar Harbor, ME.

Schultz, N. R., Elias, M. F., Robbins, M. A., & **Pierce, T. W.** Symptom reporting on the Cornell Medical Index. Paper presented at the *Maine Biological and Medical Sciences Symposium*. June, 1989. Gorham, ME.

Pierce, T. W., Keohane, P. J., Elias, M. F., Robbins, M. A., Streeten, D. H. P., & Schultz, N. R. Side-effects of anti-hypertensive medications. Presented at the *Maine Biological and Medical Sciences Symposium*. June, 1989. Gorham, ME.

Pierce, T. W., Schultz, N. R., Elias, M. F., Robbins, M. A., & Streeten, D. H. P. Performance and norepinephrine levels during anticipation of stress. Paper presented at the *Maine Biological and Medical Sciences Symposium*. June, 1989. Gorham, ME.

Pierce, T. W., Schultz, N. R., Elias, M. F., Robbins, M. A., & Streeten, D. H. P. Effects of anticipation of behavioral testing on norepinephrine level. Paper presented at the meeting of the *Maine Psychological Association*. March, 1989. Orono, ME.

Podraza, A. M., **Pierce, T. W.**, Elias, M. F., Robbins, M. A., & Schultz, N. R. Age changes in neuropsychological test performance in normal, healthy adults. Paper presented at the *Maine Biological and Medical Sciences Symposium*. May, 1988. Orono, ME.

Pierce, T. W., Podraza, A. M., Elias, M. F., Robbins, M. A., & Schultz, N. R. The accuracy of a short form of the Category Test. Paper presented at the *Maine Biological and Medical Sciences Symposium*. May, 1988. Orono, Maine.

Pierce, T. W., Keohane, P. J., Podraza, A. M., Elias, M. F., Robbins, M. A., & Schultz, N. R. The seventh subtest of the Category Test as a measure of memory for abstract concepts. Paper presented at the *Maine Biological and Medical Sciences Symposium*. May, 1988. Orono, ME.

Elias, M. F., Robbins, M. A., Schultz, N. R., Streeten, D. H. P., & **Pierce, T. W.** A longitudinal comparison of hypertensives and normotensives on the Wechsler Adult Intelligence Scale. Paper presented at the *Annual Meeting of the Society of Behavioral Medicine*. April, 1988. Boston, MA.

Elias, M. F., Robbins, M. A., Schultz, N. R., Streeten, D. H. P., & **Pierce, T. W.** Hypertension and cognitive performance: challenging the cognitive deficit hypothesis. Paper presented at the *Annual Meeting of the Society of Behavioral Medicine*. March, 1987. Washington, DC.

Pierce, T. W., Elias, M. F., Robbins, M. A., Schultz, N. R., & Streeten, D. H. P. Behavioral side-effects of anti-hypertensive medications. Paper presented at the *Maine Biological and Medical Sciences Symposium*. May, 1985. Lewiston, ME.

Community and Media Presentations

- “New Technologies for Persons with Visual Impairments”. Presentation at Warm Hearth Village Retirement Community. February 17, 2007.
- “Using PowerPoint to Display Life History Materials”. Presentation at Warm Hearth Village Retirement Community. February 27, 2006.
- “Using PowerPoint to Display Life History Materials” Presentation at the Glebe Retirement Community. January 18, 2006.
- “Using PowerPoint to Display Life History Materials”. Presentation at the Blacksburg Senior Center. January 17, 2005.
- “Using PowerPoint to Display Life History Materials”. Presentation at the Blacksburg Senior Center. February 16, 2004.
- “Using PowerPoint to Display Life History Materials”. Interviewed for WDBJ-7’s HealthCheck segment, February, 7, 2003.

- “Recent Developments in Alzheimer’s Research”. Presentation at the Annual Education Forum for the Blue Ridge of Virginia Chapter of the Alzheimer’s Association. October 7, 2001.
- “Cognitive Training for Older Adults”. Interviewed for WDBJ-7’s morning show. January 6, 2000.
- “Stress and Coping Skills”. Presentation to the student body of the Governor’s School for Science and Mathematics. Roanoke, VA. October 18, 1998.
- “Early Diagnosis of Alzheimer’s Disease using EEG”. Interviewed for a story appearing on WDBJ-7’s newscasts. July 18, 1998.
- “Ethics and Alzheimer’s Disease”. Member of a panel discussion sponsored by the Blue Ridge of Virginia Chapter of the Alzheimer’s Association. Roanoke, VA. June 15, 1998.
- “Stress and Stress Management”. Presentation to the Blue Ridge Independent Living Center. Roanoke, VA. April 1, 1998.
- “What Do We Need to Know About Alzheimer’s Disease”. Presentation to the South-West Virginia Association of Activities Directors of Long Term Care Facilities. Roanoke, VA. October 17, 1997.
- “Alzheimer’s Disease”. Member of a panel interview on WDBJ TV’s *On Record* community affairs program. Aired October 5, 1997.
- Pierce, T. W. & McDaniel, J. L. “Development of a University-Based Computer Network to Provide Social Support and Continuing Education to Alzheimer’s Caregivers”. Presentation at the Brown Bag Luncheon Series of the Roanoke Graduate Center. April 5, 1996.
- “Overview of Alzheimer’s Disease”. Presentation to the Blacksburg Chapter of the National Association of Retired Federal Employees. November 9, 1995.
- “Social Support for Alzheimer’s Caregivers”. Presentation at the New River Valley Alzheimer’s/Dementia Educational Seminar. Heritage Hall Nursing Center. November 2, 1995.
- “Memory and Cognitive Function in Alzheimer’s Disease”. Presentation at the New River Valley Alzheimer’s/Dementia Educational Forum. Heritage Hall Nursing Center. November 2, 1995.

- Appeared on the *HealthCheck* segment of WDBJ TV's local newscast (with Dr. Janet McDaniel). The topic of the segment was an electronic-mail support group started at Radford University. July, 1995.
- Interviewed about a research project involving an electronic-mail support group for Alzheimer's caregivers by WVTF (Public Radio). May, 1995.
- "Alzheimer's Disease". Appeared as a member of a panel discussing Alzheimer's disease on WDBJ TV's *On Record* program. November, 1994.
- "An Electronic-Mail Support Group for Alzheimer's Caregivers". Presentation at the Annual Educational Forum of the Roanoke/Salem Chapter of the Alzheimer's Association. February 9, 1994.
- Appeared on the WBRA-TV (Public Broadcasting) show *Now and Then* to describe an electronic-mail support group for Alzheimer's caregivers. November 25, 1993.