

## Bibliography

### 1. ARTICLES

- Barshi, I. (1998). Review of foreign language learning: Psycholinguistic studies on training and retention. *Applied Linguistics Forum*, 18, 6-7.
- Barshi, I., & Healy, A. F. (2002). The effects of mental representation on performance in a navigation task. *Memory & Cognition*, 30(8), 1189-1203.
- Barshi, I., & Payne, D. L. (1996). The interpretation of "Possessor Raising" in a Maasai dialect. *Afrikanistische Arbeitspapiere*, 45, 207-226.
- Beer, F. A., Healy, A. F., & Bourne, L. E., Jr. (in press). Variable effects of terrorism: From the lab to the real world. *Clio's Psyche*.
- Bonk, W. J., & Healy, A. F. (in press). Learning and memory for sequences of pictures, words, and spatial locations: An exploration of serial position effects. *American Journal of Psychology*.
- Bourne, L. E., Jr. (1999). Obituary: Bruce Rowland Ekstrand (1940-1996). *American Psychologist*, 54, 66-67.
- Bourne, L. E., Jr., Healy, A. F., Kole, J. A., & Graham, S. M. (2006). Strategy shifts in classification skill acquisition: Does memory retrieval dominate rule use? *Memory & Cognition*, 34, 903-913.
- Bourne, L. E., Jr., Healy, A. F., Parker, J. T., & Rickard, T. C. (1999). The strategic basis of performance in binary classification tasks: Strategy choices and strategy transitions. *Journal of Memory and Language*, 41, 223-252.
- Bourne, L. E., Jr., Healy, A. F., Pauli, P., Parker, J. T., & Birbaumer, N. (2005). The influence of stimulus array on training of a speeded response. *American Journal of Psychology*, 118, 385-411.
- Bourne, L. E., Jr., Pauli, P., Fendrich, D. W., Rickard, T. C., & Healy, A. F. (2001). Deliberate and automatic processes in mental arithmetic. *Cognitive Processing*, 4, 487-522.
- Bourne, L. E., Jr., Raymond, W. D., & Healy, A. F. (in press). Strategy selection and use during classification skill acquisition. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.
- Bowles, A. R., & Healy, A. F. (2003). The effects of grouping on the learning and long-term retention of spatial and temporal information. *Journal of Memory and Language*, 48, 92-102.
- Brega, A. G., & Healy, A. F. (1999). Sentence interference in the Stroop task. *Memory & Cognition*, 27(5), 768-778.
- Buck-Gengler, C. J., & Healy, A. F. (2001). Processes underlying long-term repetition priming in digit data entry. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 27, 879-888.
- Buck-Gengler, C. J., Menn, L., & Healy, A. F. (2004). What "mice trap" tells us about the mental lexicon. *Brain and Language*, 90, 453-464.
- Chen, H.-C., & Healy, A. F. (1995). Effects of reading efficiency and display size on rapid-sequential reading. *Acta Psychologica*, 89, 1-22.
- Clawson, D. M., Healy, A. F., Ericsson, K. A., & Bourne, L. E., Jr. (2001). Retention and transfer of Morse code reception skill by novices: Part-whole training. *Journal of Experimental Psychology: Applied*, 7, 129-142.

- Crutcher, R. J., & Ericsson, K. A. (2000). The role of mediators in memory retrieval as a function of practice: Controlled mediation to direct access. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *26*, 1297-1317.
- Cunningham, T. F., Marmie, W. R., & Healy, A. F. (1998). The role of item distinctiveness in short-term recall of order information. *Memory & Cognition*, *26*, 463-476.
- Cunningham, T. F., Healy, A. F., & Kole, J. A. (2005). Short-term recall of order information: Influence of encoding and generation processes in distinctiveness, isolation, and background effects. *Psychonomic Bulletin & Review*, *12*, 519-523.
- Greenberg, S. N., Healy, A. F., Koriat, A., & Kreiner, H. (2004). The GO model: A reconsideration of the role of structural units in guiding and organizing text online. *Psychonomic Bulletin & Review*, *11*, 428-433.
- Healy, A. F. (1995). Rocky Mountain Psychological Association: Report of the sixty-fifth annual meeting. *American Psychologist*, *50*, 1088-1090.
- Healy, A. F., Aylward, A. G., Bourne, L. E., Jr., & Beer, F. A. (2009). Terrorism after 9/11: Reactions to simulated news reports. *American Journal of Psychology*, *122*, 153-165.
- Healy, A. F., & Cunningham, T. F. (1995). Very rapid forgetting: Reply to Muter. *Memory & Cognition*, *23*, 387-392.
- Healy, A. F., & Cunningham, T. F. (2004). Reading units that include interword spaces: Filling spaces around a letter can facilitate letter detection. *Memory & Cognition*, *32*, 560-569.
- Healy, A. F., Cunningham, T. F., & Parker, J. T. (2002). Encoding and output order processes in short-term order recall of distinctive items. *Memory*, *10*, 29-43.
- Healy, A. F., Havas, D. A., & Parker, J. T. (2000). Comparing serial position effects in semantic and episodic memory using reconstruction of order tasks. *Journal of Memory and Language*, *42*, 147-167.
- Healy, A. F., Kole, J. A., Buck-Gengler, C. J., & Bourne, L. E., Jr. (2004). Effects of prolonged work on data entry speed and accuracy. *Journal of Experimental Psychology: Applied*, *10*(3), 188-199.
- Healy, A. F., Shea, K. M., Kole, J. A., & Cunningham, T. F. (2008). Position distinctiveness, item familiarity, and presentation frequency affect reconstruction of order in immediate episodic memory. *Journal of Memory and Language*, *58*, 746-764.
- Healy, A. F., Wohldmann, E. L., Parker, J. T., & Bourne, L. E., Jr. (2005). Skill training, retention, and transfer: The effects of a concurrent secondary task. *Memory & Cognition*, *33*, 1457-1471.
- Healy, A. F., Wohldmann, E. L., Sutton, E. M., & Bourne, L. E., Jr. (2006). Specificity effects in training and transfer of speeded responses. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *32*, 534-546.
- Kole, J. A., & Healy, A. F. (2007). Using prior knowledge to minimize interference when learning large amounts of information. *Memory & Cognition*, *35*, 124-137.
- Kole, J. A., & Healy, A. F. (2007). The effects of memory set size and information structure on learning and retention. *Psychonomic Bulletin & Review*, *14*, 693-698.
- Kole, J. A., Healy, A. F., & Bourne, L. E., Jr. (2008). Cognitive complications moderate the speed-accuracy tradeoff in data entry: A cognitive antidote to inhibition. *Applied Cognitive Psychology*, *22*, 917-937.
- Kole, J. A., Healy, A. F., & Buck-Gengler, C. J. (2005). Does number data entry rely on the phonological loop? *Memory*, *13*, 388-394.
- Kole, J. A., Healy, A. F., Fierman, D. M., & Bourne, L. E., Jr. (2010). Contextual memory and

- skill transfer in category search. *Memory & Cognition*, 38, 67-82.
- Krech Thomas, H., Healy, A. F., & Greenberg, S. N. (2007). Familiarization effects for bilingual letter detection involving translation or exact text repetition. *Canadian Journal of Experimental Psychology*, 61, 304-315.
- LaVoie, N. N., Bourne, L. E., Jr., & Healy, A. F. (2002). Memory seeding: Representations underlying quantitative estimations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 28(6), 1137-1153.
- Lovullo, W. R., Willis, D. J., & Bourne, L. E., Jr. (2007). Obituary: Vladimir Pishkin (1931-2006). *American Psychologist*, 62, 322.
- Marmie, W. R., & Healy, A. F. (2004). Memory for common objects: Brief intentional study is sufficient to overcome poor recall of U.S. coin features. *Applied Cognitive Psychology*, 18, 445-453.
- Mason, J. D., Healy, A. F., & Marmie, W. R. (1996). The effects of rounding on memory for numbers in addition problems. *Canadian Journal of Experimental Psychology*, 50, 320-323.
- McNamara, D. S. (1995). Effects of prior knowledge on the generation advantage: Calculators versus calculation to learn simple multiplication. *Journal of Educational Psychology*, 87, 307-318.
- McNamara, D. S., & Healy, A. F. (1995). A procedural explanation of the generation effect: The use of an operand retrieval strategy for multiplication and addition problems. *Journal of Memory and Language*, 34, 399-416.
- McNamara, D. S., & Healy, A. F. (2000). A procedural explanation of the generation effect for simple and difficult multiplication problems and answers. *Journal of Memory and Language*, 43, 652-679.
- Moravcsik, J. E., & Healy, A. F. (1995). Effect of meaning on letter detection. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 21, 82-95.
- Moravcsik, J. E., & Healy, A. F. (1998). Effect of syntactic role and syntactic prominence on letter detection. *Psychonomic Bulletin & Review*, 5, 96-110.
- Oliver, W. L., Healy, A. F., & Mross, E. F. (2005). Trade-offs in detecting letters and comprehending text. *Canadian Journal of Experimental Psychology*, 59, 159-167.
- Pauli, P., Bourne, L. E., Jr., & Birbaumer, N. (1998). Extensive practice in mental arithmetic and practice transfer over a ten month retention interval. *Mathematical Cognition*, 4, 21-46.
- Pauli, P., Bourne, L. E., Jr., Diekmann, H., & Birbaumer, N. (1999). Cross modality priming between odors and odor-congruent words. *American Journal of Psychology*, 112, 175-186.
- Pauli, P., Lutzenberger, W., Birbaumer, N., Rickard, T. C., & Bourne, L. E., Jr. (1996). Neurophysiological correlates of mental arithmetic. *Psychophysiology*, 33, 522-529.
- Pauli, P., Schleichert, H., Bourne, L. E., Jr., & Birbaumer, N. (1998). Effects of cortical polarization on mental arithmetic. *Cognitive Brain Research*, 7, 49-56.
- Raymond, W. D., Fisher, J. A., & Healy, A. F. (2002). Linguistic knowledge and language performance in English article variant preference. *Language and Cognitive Processes*, 17, 613-662.
- Raymond, W. D., Healy, A. F., McDonnell, S., & Healy, C. A. (2009). Acquisition of morphological variation: The case of the English definite article. *Language and Cognitive Processes*, 24, 89-119.
- Rickard, T. C. (1997). Bending the power law: A CMPL theory of strategy shifts and the

- automatization of cognitive skills. *Journal of Experimental Psychology: General*, 126, 288-311.
- Rickard, T. C., & Bourne, L. E., Jr. (1996). Some tests of an identical elements model of basic arithmetic skills. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 22, 1281-1295.
- Romero, S. G., Rickard, T. C., & Bourne, L. E., Jr. (2006). Verification of multiplication facts: An investigation using retrospective protocols. *American Journal of Psychology*, 119, 87-120.
- Schmalhofer, F., van Elst, L., Aschoff, R., Barenfanger, O., & Bourne, L. E., Jr. (1999). Mental models of social interactions: How readers comprehend texts about cheating behaviors. *Zeitschrift für Experimentelle Psychologie*, 46, 204-216.
- Schneider, V. I., Healy, A. F., & Barshi, I. (2004). Effects of instruction modality and readback on accuracy in following navigation commands. *Journal of Experimental Psychology: Applied*, 10, 245-257.
- Schneider, V. I., Healy, A. F., Barshi, I., & Kole, J. A. (in press). Following navigation instructions presented verbally or spatially: Effects on training, retention, and transfer. *Applied Cognitive Psychology*.
- Schneider, V. I., Healy, A. F., & Bourne, L. E., Jr. (2002). What is learned under difficult conditions is hard to forget: Contextual inference effects in foreign vocabulary acquisition, retention, and transfer. *Journal of Memory and Language*, 46, 419-440.
- Schneider, V. I., Healy, A. F., & Steinhardt, D. J. (1996). Searching for target letters in memory: Individual preferences and instructions for text representation. *Psychonomic Bulletin & Review*, 3, 352-356.
- Sinclair, G. P., Healy, A. F., & Bourne, L. E., Jr. (1997). The acquisition and long-term retention of temporal, spatial, and item information. *Journal of Memory and Language*, 36, 530-549.
- Sinclair, H. C., & Bourne, L. E., Jr. (1998). Cycle of blame or just world: Effects of legal verdicts on gender patterns in rape myth acceptance and victim-empathy. *Psychology of Women Quarterly*, 22, 575-588.
- Smith, R. W., & Healy, A. F. (1998). The time-course of the generation effect. *Memory & Cognition*, 26, 135-142.
- Sumiya, H., & Healy, A. F. (2004). Phonology in the bilingual Stroop effect. *Memory & Cognition*, 32, 752-758.
- Sumiya, H., & Healy, A. F. (2008). The Stroop effect in English-Japanese bilinguals: The effect of phonological similarity. *Experimental Psychology*, 55, 93-101.
- Tao, L., & Healy, A. F. (1996). Cognitive strategies in discourse processing: A comparison of Chinese and English speakers. *Journal of Psycholinguistic Research*, 25, 597-616.
- Tao, L., & Healy, A. F. (2001). Frequency and fusion in language processing. *Journal of Cognitive Science*, 2, 23-31.
- Tao, L., & Healy, A. F. (2002). The unitization effect in reading Chinese and English text. *Scientific Studies of Reading*, 6, 167-197.
- Tao, L., & Healy, A. F. (2005). Zero anaphora: Transfer of reference tracking strategies from Chinese to English. *Journal of Psycholinguistic Research*, 34, 99-131.
- Tao, L., Healy, A. F., & Bourne, L. E., Jr. (1997). Unitization in second-language learning: Evidence from letter detection. *American Journal of Psychology*, 110, 385-395.
- Van Overschelde, J. P. (2002). The influence of word frequency on recency effects in directed

- free recall. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 28, 611-615.
- Van Overschelde, J. P., & Healy, A. F. (2001). Learning of nondomain facts in high- and low-knowledge domains. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 27, 1160-1171.
- Van Overschelde, J., & Healy, A. F. (2005). A blank look in reading: The effect of blank space on the identification of letters and words during reading. *Experimental Psychology*, 52, 213-223.
- Van Overschelde, J. P., Rawson, K. A., & Dunlosky, J. (2004). Category norms: An updated and expanded version of the Battig and Montague (1969) norms. *Journal of Memory and Language*, 50, 289-335.
- Wohldmann, E. L., & Healy, A. F. (in press). Exploring specificity of speeded aiming movements: Examining different measures of transfer. *Memory & Cognition*.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2007). Pushing the limits of imagination: Mental practice for learning sequences. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 33, 254-261.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2008). A mental practice superiority effect: Less retroactive interference and more transfer than physical practice. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 34, 823-833.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2008). Global inhibition and midcourse corrections in speeded aiming. *Memory & Cognition*, 36, 1228-1235.

## 2. BOOKS

- Bourne, L. E., Jr., & Russo, N. F. (1998). *Psychology: Behavior in Context*. New York: Norton.

## 3. BOOK CHAPTERS

- Barshi, I., & Healy, A. F. (1998). Misunderstandings in voice communication: Effects of fluency in a second language. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 161-192). Mahwah, NJ: Erlbaum.
- Barshi, I., & Payne, D. L. (1998). Argument structure and Maasai possessive interpretation: Implications for language learning. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 213-229). Mahwah, NJ: Erlbaum.
- Best, B. J., Gonzalez, C., Young, M. D., Healy, A. F., & Bourne, L. E., Jr. (2007). Modeling automaticity and strategy selection in dynamic visual detection. In *Proceedings of the Sixteenth Conference on Behavior Representation in Modeling and Simulation* (pp. 3-11). Orlando, FL: Simulation Interoperability Standards Organization.
- Bourne, L. E., Jr., & Healy, A. F. (in press). Experimental psychology. In I. B. Weiner & W. E. Craighead (Eds.), *The Corsini encyclopedia of psychology* (4<sup>th</sup> Edition). Hoboken, NJ: Wiley.
- Bowles, A. R., & Healy, A. F. (2000). Training and transfer of foreign word identification at three speeds. In *Proceedings of the Twenty-Second Annual Conference of the Cognitive Science Society* (p. 1016). Mahwah, NJ: Erlbaum.

- Buck-Gengler, C. J., & Healy, A. F. (1997). Voicing assimilation during silent reading. In *Proceedings of the Nineteenth Annual Conference of the Cognitive Science Society* (p. 876). Mahwah, NJ: Erlbaum.
- Buck-Gengler, C. J., Menn, L., & Healy, A. F. (2001). Mice trap: A new explanation for irregular plurals in noun-noun compounds. In *Proceedings of the Twenty-third Annual Conference of the Cognitive Science Society* (pp. 140-145). Mahwah, NJ: Erlbaum.
- Buck-Gengler, C. J., Raymond, W. D., Healy, A. F., & Bourne, L. E., Jr. (2007). Modeling data entry in IMPRINT. In *Proceedings of the Sixteenth Conference on Behavior Representation in Modeling and Simulation* (pp. 205-206). Orlando, FL: Simulation Interoperability Standards Organization.
- Buck-Gengler, C. J., Romero, S. G., Healy, A. F., & Bourne, L. E., Jr. (1998). The effect of alphabet and fluency on unitization processes in reading. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 273-290). Mahwah, NJ: Erlbaum.
- Clawson, D. M., King, C. L., Healy, A. F., & Ericsson, K. A. (1995). Training and retention of the classic Stroop task: Specificity of practice effects. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 234-254). Thousand Oaks, CA: Sage.
- Crutcher, R. J. (1998). The role of prior knowledge in mediating foreign vocabulary acquisition and retention: A process-analytic approach. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 91-111). Mahwah, NJ: Erlbaum.
- Feldman, A., & Healy, A. F. (1998). Effect of first language phonological configuration on lexical acquisition in a second language. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 57-76). Mahwah, NJ: Erlbaum.
- Fendrich, D. W., Gesi, A. T., Healy, A. F., & Bourne, L. E., Jr. (1995). The contribution of procedural reinstatement to implicit and explicit memory effects in a motor task. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 66-94). Thousand Oaks, CA: Sage.
- Fu, W.-T., Gonzalez, C., Healy, A. F., Kole, J. A., & Bourne, L. E., Jr. (2006). Building predictive human performance models of skill acquisition in a data entry task. *Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting* (pp. 1122-1126). Santa Monica, CA: Human Factors and Ergonomics Society.
- Gonzalez, C., Dutt, V., Healy, A. F., Young, M. D., & Bourne, L. E., Jr. (2009). Comparison of instance and strategy models in ACT-R. To appear in the *Proceedings of the 9<sup>th</sup> International Conference on Cognitive Modeling*. Manchester, UK.
- Gonzalez, C., Fu, W.-T., Healy, A. F., Kole, J. A., & Bourne, L. E., Jr. (2006). ACT-R models of training data entry skills. In *Proceedings of the Fifteenth Conference on Behavior Representation in Modeling and Simulation* (pp. 101-109). Orlando, FL: Simulation Interoperability Standards Organization.
- Healy, A. F. (1998). Optimizing the speed, durability, and transferability of training. In *Proceedings of the 21st Army Science Conference: Science and Technology for Army After Next* (pp. 445-454). Arlington, VA: Office of the Assistant Secretary of the Army.
- Healy, A. F. (2000). Estes, William K. In A. Kazdin (Ed.), *Encyclopedia of psychology* (Vol. 3, pp. 237-238). Washington, DC: American Psychological Association and Oxford

- University Press.
- Healy, A. F. (2001). Short-term memory, cognitive psychology of. In N. J. Smelser & P. B. Baltes (Eds.), *International Encyclopedia of the Social & Behavioral Sciences* (Vol. 21, pp. 14046-14049). Amsterdam: Elsevier.
- Healy, A. F. (2003). Serial organization. In J. H. Byrne, H. Eichenbaum, H. L. Roediger, III & R. F. Thompson (Eds.), *Learning and memory (Second edition)* (pp. 609-613). New York, NY: Macmillan Reference.
- Healy, A. F. (2007). Transfer: Specificity and generality. In H. L. Roediger, III, Y. Dudai, & S. M. Fitzpatrick (Eds.), *Science of memory: Concepts* (pp. 271-275). New York: Oxford University Press.
- Healy, A. F. (in press). Skill learning, enhancement of. In H. Pashler (Ed.), *Encyclopedia of the mind*. Thousand Oaks, CA: Sage.
- Healy, A. F., Barshi, I., Crutcher, R. J., Tao, L., Rickard, T. C., Marmie, W. R., et al. (1998). Toward the improvement of training in foreign languages. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 3-53). Mahwah, NJ: Erlbaum.
- Healy, A. F., & Bonk, W. J. (2008). Serial learning. In H. L. Roediger, III (Ed.), *Cognitive psychology of memory* (pp. 53-63), Vol. 2 of *Learning and memory: A Comprehensive reference*, 4 vols. (J. Byrne, Editor). Oxford: Elsevier.
- Healy, A. F., & Bourne, L. E., Jr. (in press). Applied cognitive psychology. In P. Martin, F. Cheung, M. Kyrios, L. Littlefield, M. Knowles, J-M. Prieto, & J. B. Overmier (Eds.), *The IAAP Handbook of Applied Psychology*. Oxford: Wiley-Blackwell.
- Healy, A. F., Buck-Gengler, C. J., Barshi, I., Parker, J. T., Schneider, V. I., Raymond, W. D., et al. (2002). Optimizing the durability and generalizability of knowledge and skills. In S. P. Shohov (Ed.), *Advances in psychology research* (Vol. 8, pp. 103-174). Huntington, NY: Nova Science Publishers.
- Healy, A. F., Buck-Gengler, C. J., Barshi, I., Parker, J. T., Schneider, V. I., Raymond, W. D., et al. (2002). Optimizing the durability and generalizability of knowledge and skills. In S. P. Shohov (Ed.), *Trends in cognitive psychology* (pp. 123-192). Hauppauge, NY: Nova Science Publishers.
- Healy, A. F., & Cunningham, T. F. (1999). Recall of order information: Evidence requiring a dual-storage memory model. In C. Izawa (Ed.), *On human memory: Evolution, progress, and reflection on the 30th anniversary of the Atkinson-Shiffrin model* (pp. 151-164). Mahwah, NJ: Erlbaum.
- Healy, A. F., Cunningham, T. F., Shea, K. M., & Kole, J. A. (2007). The effects of familiarity on reconstructing the order of information in semantic and episodic memory. In J. S. Nairne (Ed.), *The foundations of remembering: Essays in honor of Henry L. Roediger III* (pp. 191-208). New York: Psychology Press.
- Healy, A. F., King, C. L., Clawson, D. M., Sinclair, G. P., Richard, T. C., Crutcher, R. J., et al. (1995). Optimizing the long-term retention of skills. In A. F. Healy & L. E. Bourne, Jr (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 1-29). Thousand Oaks, CA: Sage.
- Healy, A. F., King, C. L., & Sinclair, G. P. (1997). Maintenance of knowledge about temporal, spatial, and item information: Memory for course schedules and word lists. In D. G. Payne & F. G. Conrad (Eds.), *Intersections in basic and applied memory research* (pp. 215-230). Mahwah, NJ: Erlbaum.

- Healy, A. F., Kole, J. A., Wohldmann, E. L., Buck-Gengler, C. J., Parker, J. T., & Bourne, L. E., Jr. (2005). Optimizing the speed, durability, and transferability of training. In C. Izawa & N. Ohta (Eds.), *Human learning and memory: Advances in theory and application* (pp. 135-153). Mahwah, NJ: Lawrence Erlbaum Associates.
- Healy, A. F., Kole, J. A., Wohldmann, E. L., Buck-Gengler, C. J., & Bourne, L. E., Jr. (in press). Data entry: A window to principles of training. In A. S. Benjamin (Ed.), *Successful Remembering and Successful Forgetting: A Festschrift in Honor of Robert A. Bjork*. New York: Psychology Press.
- Healy, A. F., & McNamara, D. S. (1996). Verbal learning and memory: Does the modal model still work? In *Annual review of psychology* (Vol. 47, pp. 143-172). Palo Alto, CA: Annual Reviews, Inc.
- Healy, A. F., & Parker, J. T. (2001). Serial position effects in semantic memory: Reconstructing the order of the U. S. presidents and vice presidents. In H. L. Roediger III, J. S. Nairne, I. Neath & A. M. Suprenant (Eds.), *The nature of remembering: Essays in honor of Robert G. Crowder* (pp. 171-188). Washington, DC: American Psychological Association Press.
- Healy, A. F., Schneider, V. I., & Barshi, I. (2009). Cognitive processes in communication between pilots and air traffic control. In E. B. Hartonek (Ed.), *Experimental psychology research trends* (pp. 45-77). Hauppauge, NY: Nova Science Publishers.
- Healy, A. F., & Sinclair, G. P. (1996). The long-term retention of training and instruction. In E. L. Bjork & R. A. Bjork (Eds.), *Memory: Handbook of perception and cognition* (pp. 525-564). New York: Academic Press.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. (2005). The procedural reinstatement principle: Studies on training, retention, and transfer. In A. F. Healy (Ed.), *Experimental cognitive psychology and its applications* (pp. 59-71). Washington, DC: American Psychological Association.
- Healy, A. F., Wohldmann, E. L., Kole, J. A., Schneider, V. I., Shea, K. M., & Bourne, L. E., Jr. (in press). Training for efficient, durable, and flexible performance in the military. In W. Arthur, Jr., E. A. Day, W. Bennett, Jr., & A. Portrey (Eds.), *Individual and team skill decay: State of the science and implications for practice*. New York: Taylor & Francis.
- Jensen, M. B., & Healy, A. F. (1998). Retention of procedural and declarative information from the *Colorado Drivers' Manual*. In M. J. Intons-Peterson & D. Best (Eds.), *Memory distortions and their prevention* (pp. 113-124). Mahwah, NJ: Erlbaum.
- Kintsch, W., Healy, A. F., Hegarty, M., Pennington, B. F., & Salthouse, T. A. (1999). Models of working memory: Eight questions and some general issues. In A. Miyake & P. Shah (Eds.), *Models of working memory: Mechanisms of active maintenance and executive control* (pp. 412-441). Cambridge: Cambridge University Press.
- Krech Thomas, H. A., & Healy, A. F. (2005). Reading transfer in second language readers. In J. Cohen, K. T. McAlister, K. Rolstad, & J. MacSwan (Eds.), *Proceedings of the 4th International Symposium on Bilingualism* (pp. 1211-1224). Somerville, MA: Cascadilla Press.
- Marmie, W. R., & Healy, A. F. (1995). The long-term retention of a complex skill. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 30-65). Thousand Oaks, CA: Sage.
- McNamara, D. S., & Healy, A. F. (1995). A generation advantage for multiplication skill training and nonword vocabulary acquisition. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 132-169). Thousand

- Oaks, CA: Sage.
- Moravcsik, J. E., & Healy, A. F. (1998). Highlighting the important words leads to poorer comprehension. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 259-272). Mahwah, NJ: Erlbaum.
- Proctor, J. D., & Healy, A. F. (1995). Acquisition and retention of skilled letter detection. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 282-299). Thousand Oaks, CA: Sage.
- Raymond, W. D., Fornberg, B., Buck-Gengler, C. J., Healy, A. F., & Bourne, L. E., Jr. (2008). Matlab optimization of an IMPRINT model of human behavior. In *Proceedings of the Seventeenth Conference on Behavior Representation in Modeling and Simulation* (pp. 26-34). Orlando, FL: Simulation Interoperability Standards Organization.
- Rickard, T. C., & Bourne, L. E., Jr. (1995). An identical-elements model of basic arithmetic skills. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 95-131). Thousand Oaks, CA: Sage.
- Schmalhofer, F., van Elst, L., & Bourne, L. E., Jr. (1997). The cognitive consequence of Whitespace: Social inferences in text comprehension. *Proceedings of the Nineteenth Annual Conference of the Cognitive Science Society* (p. 1040). Mahwah, NJ: Erlbaum.
- Schneider, V. I., Healy, A. F., & Bourne, L. E., Jr. (1998). Contextual interference effects in foreign language vocabulary acquisition and retention. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 77-90). Mahwah, NJ: Erlbaum.
- Schneider, V. I., Healy, A. F., Ericsson, K. A., & Bourne, L. E., Jr. (1995). The effects of contextual interference on the acquisition and retention of logical rules. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 95-131). Thousand Oaks, CA: Sage.
- Serwatka, M., & Healy, A. F. (1998). On the status of the count-mass distinction in a mental grammar. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 113-140). Mahwah, NJ: Erlbaum.
- Staal, M. A., Bolton, A. E., Yaroush, R. A., & Bourne, L. E., Jr. (2008). Cognitive performance and resilience to stress. In B. Lukey & V. Tepe (Eds.), *Biobehavioral resilience to stress* (pp. 259-300). London: Francis & Taylor.
- Tao, L., & Healy, A. F. (1998). Anaphora in language processing: Transfer of cognitive strategies by native Chinese, Dutch, English, and Japanese speakers. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Foreign language learning: Psycholinguistic studies on training and retention* (pp. 193-211). Mahwah, NJ: Erlbaum.
- Tao, L., & Healy, A. F. (2001). Frequency, automaticity, and fusion in language production and comprehension. In *Proceedings of the Third International Conference on Cognitive Science* (pp. 486-490). Beijing, China: Press of University of Science and Technology of China.
- Tao, L., & Healy, A. F. (2003). The unitization effect in the development of reading in Chinese and English: Evidence from letter/character-component detection. In C. McBride-Chang & H. C. Chen (Eds.), *Reading development in Chinese children* (pp. 183-196). Westport, CT: Greenwood Publishing Group.
- Wittman, W. T., & Healy, A. F. (1995). A long-term retention advantage for spatial information learned naturally and in the laboratory. In A. F. Healy & L. E. Bourne, Jr. (Eds.), *Learning and memory of knowledge and skills: Durability and specificity* (pp. 170-205).

Thousand Oaks, CA: Sage.

Young, M. D., Wilson, M. L., & Healy, A. F. (in press). Improving reading skills for ESL learners using SoundSpel. In F. Columbus (Ed.), *Bilinguals: Cognition, Education and Language Processing*. Hauppauge, NY: Nova Science Publishers.

#### 4. EDITED BOOKS

Healy, A. F. (Ed.). (2005). *Experimental cognitive psychology and its applications*. Washington, DC: American Psychological Association.

Healy, A. F., & Bourne, L. E., Jr. (Eds.). (1995). *Learning and memory of knowledge and skills: Durability and specificity*. Thousand Oaks, CA: Sage.

Healy, A. F., & Bourne, L. E., Jr. (Eds.). (1998). *Foreign language learning: Psycholinguistic studies on training and retention*. Mahwah, NJ: Erlbaum.

Healy, A. F., & Proctor, R. W. (Eds.). (2003). *Experimental psychology. Volume 4 of the Handbook of psychology*. Hoboken, NJ: Wiley.

#### 5. CONFERENCE PAPERS & PRESENTATIONS

Astbury, B. Schneider, V. I., Healy, A. F., Barshi, I., & Bourne, L. E., Jr. (2008, April). *The effects of blocking or mixing message length in a navigational paradigm*. Poster presented at the 78th Annual Convention of the Rocky Mountain Psychological Association Meeting, Boise, ID.

Aylward, A. G., Beer, F. A., Bourne, L. E., Jr., & Healy, A. F. (2008, March). *What would Arnold do now? Masculine and feminine men and women react to environmental terrorist attacks*. Paper to be presented in the invited symposium on "The State of Experimental Research in IR," 49th Annual International Studies Association Convention, San Francisco, CA.

Aylward, A., Healy, A., Bourne, L., & Beer, F. (2006, April). *What would Arnold do now? Men, women and reactions to simulated terrorist attacks*. Paper presented at the 29th Annual Scientific Meeting of the International Society of Political Psychology, Barcelona, Spain.

Barshi, I. (1995, April). *Effects of message length and speech rate on comprehension*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado.

Barshi, I. (1995, July). *Why two? A functionally motivated distribution of KiKamba verb complements*. Paper presented at the International Conference on Functional Approaches to Grammar, Albuquerque, New Mexico.

Barshi, I. (1996, November). *Misunderstanding in aviation communication*. Paper presented at the 1996 Mid-America Linguistics Conference, Lawrence, Kansas.

Barshi, I. (1997, April). *Effect of message length and English proficiency in ATC communication*. Paper presented at Aviation Communication: A Multi-Cultural Forum, Prescott, Arizona.

Barshi, I. (1997, April). *Effects of message length in ATC communication: Linguistic and cognitive aspects*. Paper presented at the 9th International Symposium on Aviation Psychology, Columbus, Ohio.

Barshi, I. (1997, January). *Message length and misunderstandings in aviation communication*. Paper presented at the 1997 Annual Meeting of the Linguistic Society of America,

Chicago, IL.

- Barshi, I., & Healy, A. F. (1997, November). *The cost of mentally representing three versus two spatial dimensions*. Paper presented at the 38th Annual Meeting of the Psychonomic Society, Philadelphia, Pennsylvania.
- Barshi, I., & Payne, D. L. (1997, September). *Experimental design in the processing of argument structure: Maasai external possession*. Paper presented at the International Conference on External Possession and Related Noun Incorporation, Eugene, Oregon.
- Bartsch, R. A., & Healy, A. F. (1995, April). *Precategorical acoustic storage and perceptual grouping as explanations of the suffix effect*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, CO.
- Beer, F. A., Healy, A. F., Aylward, A. G., & Bourne, L. E., Jr. (2005, March). *Terrorist attacks, media effects and democratic responses*. Paper presented at the International Studies Association Annual Convention, Honolulu, HI.
- Bennett, E. M., Ramig, P. R., & Healy, A. F. (1995, December). *Confrontation naming in stuttering and nonstuttering adults: Preliminary findings*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
- Bennett, E. M., Ramig, P. R., & Healy, A. F. (1997, August). *Response differential to picture versus orthographic stimulus presentation for stuttering and nonstuttering adults*. Paper presented at the Second World Congress on Fluency Disorders, San Francisco, CA.
- Bess, T. L., McNamara, D. S., & Healy, A. F. (1998, May). *The generation effect: Problem type and strategy use*. Paper presented at the 76th Annual Virginia Academy of Science Conference, Fairfax, VA.
- Best, B. J., Gonzalez, C., Young, M. D., Healy, A. F., & Bourne, L. E., Jr. (2007, March). *Modeling the RADAR task: Automaticity and strategy selection*. Paper presented at the 16th Conference on Behavior Representation in Modeling and Simulation (BRIMS), Norfolk, VA.
- Bonk, W. J. (2006, April). *An introduction to using FACETS to model your data*. Workshop presented at the annual meeting of the International Objective Measurement Workshop, Berkeley, CA.
- Bonk, W. J. (2006, April). *Group oral second language testing: The influence of shyness/outgoingness, group makeup, prompt, and gender on individual scores*. Poster presented at the annual meeting of the National Council on Measurement in Education, San Francisco, CA.
- Bonk, W. (2006, April). *Sequence memory with visual item, spatial, and order information*. Paper presented at the 76th Annual Convention of the Rocky Mountain Psychological Association, Park City, Utah.
- Bonk, W. J. (2007, April). *An aptitude for foreign language phonology? Individual differences in memory for L1 and L2 nonword sequences*. Paper presented at the annual meeting of the American Association of Applied Linguistics, Costa Mesa, CA.
- Bonk, W. J. (2007, September). *Group oral second language testing: The influence of shyness/outgoingness, group makeup, prompt, and gender on individual scores*. Paper presented at the 2nd International Conference on Task-Based Language Teaching, Honolulu, HI.
- Bonk, W., & Healy, A. F. (2005, November). *Priming effects without semantic or associative links through collocation*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Canada.

- Bonk, W., & Van Moere, A. (2004). *L2 group oral testing: The influence of shyness/outgoingness, match of interlocutors' proficiency level, and gender on individual scores*. Paper presented at the Annual Meeting of the Language Testing Research Colloquium, Temecula, CA.
- Bonk, W. J. & Wiley, E. W. (2007, April). *Modeling micro-level changes in learning: A random coefficients model approach to performance on the serial recall test*. Poster presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL..
- Bourne, L. E., Jr. (1996, July). *Discussion: Symposium on neurophysiological and neuropsychological correlates of memory*. Paper presented at the Second International Conference on Memory, Abano Terme, Italy.
- Bourne, L. E., Jr. (2002, April). *Deliberate and automatic processes in mental arithmetic*. Paper presented at the ARO Biosciences Workshop, Cashiers, NC.
- Bourne, L. E., Jr, Healy, A. F., Kole, J. A., & Raymond, W. D. (2004, November). *Bases for strategy choice and strategy transitions in binary classification tasks*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Bourne, L. E., Jr., Parker, J. T., Healy, A. F., & Graham, S. M. (2000). *Strategy transitions and strategy retention in binary classification tasks*. Paper presented at the 41st Annual Meeting of the Psychonomic Society, New Orleans, Louisiana.
- Bourne, L. J., Healy, A. F., & Beer, F. A. (2004, September). *Public reactions to press reports of armed international conflicts*. Paper presented at War and Peace: Social Psychology Approaches to Armed Conflicts and Humanitarian Issues, Geneva, Switzerland.
- Bowles, A., & Healy, A. F. (1999, April.). *Foreign language speech rate: Training and transfer of word identification*. Paper presented at the 69th Annual Convention of the Rocky Mountain Psychological Association, Fort Collins, Colorado.
- Bowles, A. R. (2004, April). *Initial learning of a foreign language: Instruction type and attentional capacity*. Paper presented at the symposium "Synergies between cognitive psychology and education research" at the American Educational Research Association Annual Meeting, San Diego, CA.
- Bowles, A. R., & Healy, A. F. (2000, August). *Training and transfer of foreign word identification at three speeds*. Paper presented at the 22nd Annual Meeting of the Cognitive Science Society, Philadelphia, PA.
- Bowles, A. R., & Healy, A. F. (2001, April). *The effects of grouping on the learning and long-term retention of spatial and temporal information*. Paper presented at the 71st Annual Convention of the Rocky Mountain Psychological Association, Reno, NV.
- Brega, A. G. (1995, April). *Sentence interference in the Stroop task*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, CO.
- Brega, A. G., & Healy, A. F. (1998, March). *Sentence interference in the Stroop task*. Paper presented at the Annual Meeting of the Society of Experimental Psychologists, Laguna Beach, California.
- Buck-Gengler, C. J., Bonk, W. J., Healy, A. F., & Bourne, L. E., Jr. (2007, April). *The memory constriction hypothesis: Retrospective and prospective memory under time pressure*. Paper presented at the 77th Annual Convention of the Rocky Mountain Psychological Association Meeting, Denver, CO.
- Buck-Gengler, C. J., & Healy, A. F. (1995, January). *Letter detection in German silent reading*. Paper presented at the 69th Annual Meeting of the Linguistic Society of America, New

Orleans, Louisiana.

- Buck-Gengler, C. J., & Healy, A. F. (1997, April). *The underlying processes in the repetition priming effect in digit data entry*. Paper presented at the 67th Annual Rocky Mountain Psychological Association Convention, Reno, Nevada.
- Buck-Gengler, C. J., & Healy, A. F. (1997, August). *Voicing assimilation during silent reading*. Paper presented at the 19th Annual Conference of the Cognitive Science Society, Stanford, California.
- Buck-Gengler, C. J., & Healy, A. F. (1998, November). *Underlying processes in the repetition priming effect in data entry*. Paper presented at the 39th Annual Meeting of the Psychonomic Society, Dallas, Texas.
- Buck-Gengler, C. J., Menn, L., & Healy, A. F. (2001, August). *Mice trap: A new explanation for irregular plurals in noun-noun compounds*. Paper presented at the 23rd Annual Meeting of the Cognitive Science Society, Edinburgh, Scotland.
- Buck-Gengler, C. J., Menn, L., & Healy, A. F. (2002, April). *Mice trap isn't innate: A processing difficulty explanation for response times in a depluralization task*. Paper presented at the 72nd Annual Convention of the Rocky Mountain Psychological Association, Park City, UT.
- Buck-Gengler, C. J., Menn, L., & Healy, A. F. (2002, October). *What "mice trap" tells us about the mental lexicon*. Paper presented at the Third International Conference on the Mental Lexicon, Banff, Alberta, Canada.
- Buck-Gengler, C. J., Raymond, W. D., Healy, A. F., & Bourne, L. E., Jr. (2007, March). *Modeling data entry in IMPRINT*. Poster presented at the 16th Conference on Behavior Representation in Modeling and Simulation (BRIMS), Norfolk, VA.
- Clawson, D. M. (1995, November). *Dimensions of practice specificity in the classic Stroop task: Implications for automaticity*. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California.
- Cunningham, T. F., & Healy, A. F. (1998, June). *Recall of order information: Evidence requiring a dual-storage memory model*. Paper presented at the International Conference on Short-Term/Working Memory, Quebec City, Canada.
- Cunningham, T. F., & Healy, A. F. (1999, March). *Recall of order information: Evidence requiring a dual-storage memory model*. Paper presented at the 45th Annual Meeting of the Southeastern Psychological Association, Savannah, Georgia.
- Cunningham, T. F., & Healy, A. F. (2006, November). *Is word detection better than letter detection while reading prose?* Poster presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX.
- Cunningham, T. F., Healy, A. F., Barbierri, C. E., & Kole, J. A. (2002, November). *Encoding and distinctiveness effects in short-term recall of order information*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Cunningham, T. F., Healy, A. F., & Kole, J. A. (2003, November). *Generation and distinctiveness effects in short-term recall of order information*. Paper presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, Canada.
- Cunningham, T. F., Healy, A. F., & Kole, J. A. (2004, November). *Familiarity affects reconstructing the order of items in semantic memory*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Cunningham, T. F., Healy, A. F., & Marmie, W. R. (1995, April). *A negative generation effect: An analysis of serial order reconstruction in immediate memory (Invited Paper)*. Paper

- presented at the Ellis-Battig Memory Symposium at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado.
- Cunningham, T. F., Healy, A. F., & Marmie, W. R. (1995, November). *Distinctiveness and generation in short-term recall of order information*. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California.
- Cunningham, T. F., Healy, A. F., & Parker, J. T. (2000, November). *Output order and encoding processes in short-term order recall*. Paper presented at the 41st Annual Meeting of the Psychonomic Society, New Orleans, Louisiana.
- Cunningham, T. F., Healy, A. F., Shea, K. M., & Kole, J. A. (2007, July). *Distinctiveness, but not familiarity, affects reconstruction of order in immediate episodic memory*. Poster presented at the joint meeting of the Experimental Psychology Society and the Psychonomic Society, Edinburgh, Scotland.
- Dautricourt, R., & Raymond, W. D. (2004, September). *Pronunciation variation in English word boundary palatalizing environments*. Paper presented at the Annual Meeting of Architectures and Mechanisms for Language Processing (AMLaP), Aix en Provence, France.
- Fierman, D. M., & Healy, A. F. (2007, April). *Unintentional translation in the sentence-level bilingual Stroop task*. Paper presented at the 77th Annual Convention of the Rocky Mountain Psychological Association Meeting, Denver, CO.
- Fierman, D. M., Healy, A. F., & Bourne, L. E., Jr. (2007, August). *Optimizing memory for instructions by varying presentation modality: Explorations of a navigation task*. Invited poster presented in the Symposium on Memory Dynamics and the Optimization of Instruction. American Psychological Association, San Francisco, CA.
- Fisher, J. A., & Buck-Gengler, C. J. (1997, April). *Letter detection in English past-tense -ed morphemes: Impacts of frequency and phonology*. Paper presented at the 67th Annual Rocky Mountain Psychological Association Convention, Reno, Nevada.
- Fu, W.-T., Gonzalez, C., Healy, A. F., Kole, J. A., & Bourne, L. E. (2006, October). *Building predictive models of skill acquisition in a data entry task*. Paper presented at the 50th Annual meeting of the Human Factors and Ergonomics Society, San Francisco, CA.
- Goldberg, M. D., & Healy, A. F. (2001, April). *The effects of attention on memory in the Stroop task*. Paper presented at the 71st Annual Convention of the Rocky Mountain Psychological Association, Reno, NV.
- Gonzalez, C., Fu, W.-T., Healy, A. F., Kole, J. A., & Bourne, L. E., Jr. (2006, May). *ACT-R models of training data entry skills*. Paper presented at the 15th Conference on Behavior Representation in Modeling and Simulation. Baltimore, MD.
- Gonzalez, C., Dutt, V., Healy, A. F., Young, M. D., & Bourne, L. E., Jr. (2009, July). *Comparison of instance and strategy models in ACT-R*. Poster presented at the 9<sup>th</sup> International Conference on Cognitive Modeling, Manchester, UK.
- Greenberg, A., & Healy, A. F. (2002, April). *Is rote rehearsal effective for long-term retention?* Paper presented at the 72nd Annual Convention of the Rocky Mountain Psychological Association, Park City, UT.
- Gregory, M. L., Jurafsky, D., & Healy, A. F. (2001, September). *The role of the hearer in durational shortening*. Paper presented at the Seventh Annual Meeting of Architectures and Mechanisms for Language Processing (AMLaP), Saarbreucken, Germany.
- Healy, A. F. (1997, July). *Commentary on basic mechanisms and representations in working memory and the relationship of working memory to long-term memory*. Paper presented

- at the Models of Working Memory Symposium, Boulder, CO.
- Healy, A. F. (2002, April). *Optimizing the speed, durability, and transferability of training*. Paper presented at the ARO Biosciences Workshop, Cashiers, NC.
- Healy, A. F. (2006, August). *What we know and what we need to know in learning science to achieve greater efficiency and effectiveness in training*. Invited paper presented at the Army Science of Learning Workshop. Hampton, VA.
- Healy, A. F. (2007, May). *Training, retention, and transfer of knowledge and skills*. Invited talk delivered at the 11th International Conference on Cognitive and Neural Systems. Boston University, Boston, MA.
- Healy, A. F. (2008, April). *Training optimization: Learning, retention, and transfer of knowledge and skills*. Paper presented at the Meeting of the Society of Experimental Psychologists, Bloomington, IN.
- Healy, A. F. (2009, January). *Data entry: A window to principles of training*. Invited paper presented at the conference "Successful remembering and successful forgetting: A Festschrift in honor of Robert A. Bjork," Los Angeles, CA.
- Healy, A. F. (2009, May). *Data entry: A window to principles of training*. Paper presented at the 106<sup>th</sup> Annual Meeting of the Society of Experimental Psychologists, Boulder, CO.
- Healy, A. F., & Bourne, L. E., Jr. (1996, July). *The durability and specificity of knowledge and skills*. Paper presented at the Second International Conference on Memory, Abano Terme, Italy.
- Healy, A. F., & Bourne, L. E., Jr. (1997, February). *The durability and specificity of knowledge and skills*. Paper presented at the Symposium on Science of Memory in a Complex World at the AAAS Annual Meeting and Science Innovation Exposition, Seattle, Washington.
- Healy, A. F., & Bourne, L. E., Jr. (2004, January). *Training to minimize the decay of knowledge and skills in emergency situations*. Paper presented at the DAWARS PI Meeting, Arlington, VA.
- Healy, A. F., Buck-Gengler, C. J., Kole, J. A., & Bourne, L. E., Jr. (2001, November). *Effects of prolonged work on data entry speed and accuracy*. Paper presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
- Healy, A. F., Cunningham, T. F., & Healy, C. A. (1998, November). *Even third graders use reading units larger than the word*. Paper presented at the 39th Annual Meeting of the Psychonomic Society, Dallas, Texas.
- Healy, A. F., Cunningham, T. F., & Parker, J. T. (2001, August). *Output order and item distinctiveness in short-term order recall*. Invited paper delivered in the symposium, Out of Order: The Importance of Order Information in Memory. Paper presented at the 109th Annual Convention of the American Psychological Association, San Francisco, CA.
- Healy, A. F., Cunningham, T. F., Shea, K. M., & Kole, J. A. (2005, March). *The effects of familiarity in reconstructing the order of information in semantic and episodic memory*. Paper presented at Roddyfest: Directions in Memory Research, Purdue University, West Lafayette, IN.
- Healy, A. F., Havas, D. S., & Parker, J. T. (1996, April). *Comparing semantic and episodic memory with reconstruction of order tasks*. Paper presented at the Ellis-Battig Memory Symposium at the Sixty-sixth Annual Convention of the Rocky Mountain Psychological Association, Park City, Utah.
- Healy, A. F., Kole, J. A., Wohldmann, E. L., Buck-Gengler, C. J., Parker, J. T., & Bourne, L. E., Jr. (2003, January). *Optimizing the speed, durability, and transferability of training*.

- Paper presented at the 4th Tsukuba International Conference on Memory. Human Learning and Memory: Advances in Theory and Application, Tsukuba, Japan.
- Healy, A. F., & Parker, J. T. (1999, June). *Serial position effects in semantic memory: Reconstructing the order of the United States presidents and vice presidents (Invited Paper)*. Paper presented at the Festschrift in Honor of Robert G. Crowder, New Haven, Connecticut.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. (2002, November). *Specificity of hand-eye coordination: Training and transfer effects*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. (2003, May). *The procedural reinstatement principle: Studies on training, retention, and transfer*. Paper presented at the Conference on Experimental Cognitive Psychology and its Applications: Triple Festschrift in Honor of Lyle Bourne, Walter Kintsch, and Thomas Landauer, Boulder, CO.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. (2007, July). *Training specificity and global inhibition in speeded aiming movements*. Paper presented at the Joint meeting of the Experimental Psychology Society and the Psychonomic Society, Edinburgh, Scotland.
- Joe, J. C. (1995, April). *Specificity of practice in a Stroop-like task*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado.
- Ketels, S. (2008, July). *Implicit category sequence learning*. Poster presented at the XXIX International Congress of Psychology, Berlin, Germany.
- Kole, J. A., Buck-Gengler, C. J., & Healy, A. F. (2001, April). *The effects of articulatory processing on repetition priming in number data entry*. Paper presented at the 71st Annual Convention of the Rocky Mountain Psychological Association, Reno, NV.
- Kole, J. A., & Healy, A. F. (2004, November). *Using prior knowledge to mediate the acquisition of new information*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Kole, J. A., & Healy, A. F. (2007, November). *Examining the retrieval process in mediated learning using priming effects*. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Kole, J. A., & Healy, A. F. (2008, November). *Retrieval-induced forgetting: Examining representation weakening and retrieval competition accounts*. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Kole, J. A., Healy, A. F., & Bourne, L. E., Jr. (2006, November). *A cognitive antidote to inhibition: Data entry under conditions of prolonged work*. Poster presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX.
- Kole, J. A., Healy, A. F., & Buck-Gengler, C. J. (2002, July). *The effects of the phonological loop on number data entry*. Paper presented at the Quebec '02 Conference on Short-Term/Working Memory, Quebec City, Canada.
- Krech Thomas, H. A., & Healy, A. F. (2003, May). *Reading transfer in second language readers*. Paper presented at the 4th International Symposium on Bilingualism, Tempe, Arizona.
- Kutinsky, J. (1997, April). *The articulatory loop and serial recall of high imagery words*. Paper presented at the 67th Annual Rocky Mountain Psychological Association Convention, Reno, Nevada.

- LaVoie, N., Bourne, L. E., Jr., & Healy, A. F. (1999, November). *Memory seeding: Representations underlying quantitative estimation*. Paper presented at the 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Lenell, E. A., Healy, A. F., & Bourne, L. E., Jr. (1997, April). *The effects of marriage and gender on responses to domestic hostility*. Paper presented at the 67th Annual Rocky Mountain Psychological Association Convention, Reno, Nevada.
- Lohse, K. R. (2008, April). *Intermanual transfer in handwriting: Evidence of asymmetrical transfer and priming*. Paper presented at the 78th Annual Convention of the Rocky Mountain Psychological Association Meeting, Boise, ID.
- Lohse, K. R., & Healy, A. F. (2008, November). *Exploring the contributions of declarative and procedural training to performance*. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Lynn, A. L., Barshi, I., Healy, A. F., Schneider, V. I., & Holbrook, J. B. (2002, November). *When you say what you do, do you do what you say? Interaction between verbal and spatial representations*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Lynn, A. L., Barshi, I., Healy, A. F., Schneider, V. I., & Holbrook, J. B. (2003, April). *Cognitive processes in reading book ATC clearances*. Paper presented at the 12th International Symposium on Aviation Psychology, Dayton, OH.
- Marmie, W. R., & Healy, A. F. (1995, April). *The long-term retention of a complex skill*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, CO.
- McNamara, D. S., & Healy, A. F. (1995, April). *A procedural explanation of the generation effect*. Paper presented at the Ellis-Battig Memory Symposium at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado.
- McNamara, D. S., & Ingerman, E. M. (1995, November). *Prior knowledge, recall strategy, and the generation effect: A procedural account*. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California.
- Moravcsik, J. E., & Healy, A. F. (1995, April). *Highlighting important words leads to poorer comprehension*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, CO.
- Oskarsson, A. T., Bonk, W., & Hastie, R. (2003, November). *False memory for emotion-laden words*. Paper presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, Canada.
- Parker, J. T., Healy, A. F., & Bourne, L. E., Jr. (2000, November). *Training and transfer of duration estimation: The procedural reinstatement framework*. Paper presented at the 41st annual meeting of the Psychonomic Society, New Orleans, Louisiana.
- Pauli, P., Bourne, L. E., Jr., Braun, C., Kinsces, E., Lutzenberger, W., & Birbaumer, N. (2000, October). *Prefrontal brain activity recorded with MEG during a target finding process*. Paper presented at the Society for Psychophysiological Research Meeting, San Diego, CA.
- Pauli, P., Bourne, L. E., Jr., Lutzenberger, W., & Birbaumer, N. (1996, July). *Neurophysiology of direct memory retrieval of arithmetic facts*. Paper presented at the Second International Conference on Memory, Abano Terme, Italy.
- Pauli, P., Wiech, K., Bourne, L. E., Jr., Braun, C., & Birbaumer, N. (2002, June). *MEG activity during target finding*. Paper presented at the meeting of the German Psychophysiological

- Society, Tuebingen, Germany.
- Pauli, P., Wiech, K., Braun, J., Spencer, R., Birbaumer, N., & Bourne, L. E., Jr. (2001, November). *MEG activity during target finding*. Paper presented at the 31st Annual Meeting of the Society for Neuroscience, San Diego, CA.
- Pauli, P., Wiedemann, G., Dengler, W., & Bourne, L. E., Jr. (1997, October). *Frontal brain asymmetry in panic disorder*. Paper presented at the Society for Psychophysiological Research Annual Convention, North Falmouth, Massachusetts.
- Pauli, P., Wiedemann, G., Dengler, W., Traudt, M., & Bourne, L. E., Jr. (1999, October). *ERPs elicited by emotional words and dependent on processing level in panic-pain-patients. Poster presented at the Society for Psychophysiological Research Meeting*, Granada, Spain.
- Payne, D. L., & Barshi, I. (1995, July). *A wholistic approach to possessor raising in Maasai: Speaker's motivation, language constraints, and listener's cues*. Paper presented at the International Conference on Functional Approaches to Grammar, Albuquerque, New Mexico.
- Payne, D. L., & Barshi, I. (1995, March). *Sentence processing in the field: Effects of context and word order on genitive interpretation in Maasai*. Paper presented at the Eighth Annual CUNY Conference on Human Sentence, Tuscon, Arizona.
- Payne, D. L., & Barshi, I. (1995, March). *A sentence processing account of possessor raising in Maasai*. Paper presented at the Sixth Nilo-Saharan Conference, Los Angeles, California.
- Proctor, J. D., & Healy, A. F. (1998, November). *Letter and word accessibility: Implications for word frequency effect theories*. Paper presented at the 39th Annual Meeting of the Psychonomic Society, Dallas, Texas.
- Raymond, W. D. (2007, February). *Toward implementing a taxonomy of training effects in IMPRINT*. Paper presented at the IMPRINT Technical Interchange Meeting, Boulder, CO.
- Raymond, W. D., Buck-Gengler, C. J., Healy, A. F., & Bourne, L. E., Jr. (2007, April). *Predicting differences in individual learning and performance in a motor skill task*. Paper presented at the 77th Annual Convention of the Rocky Mountain Psychological Association Meeting, Denver, CO.
- Raymond, W. D., Fisher, J. A., Healy, A. F., & Bourne, L. E., Jr. (1998, April). *Implicit knowledge of abstract rules in a language task*. Paper presented at the Joint Convention of the Western Psychological Association and the Rocky Mountain Psychological Association, Albuquerque, New Mexico.
- Raymond, W. D., Fisher, J. A., Healy, A. F., & Bourne, L. E., Jr. (1999, January). *Explaining language performance through rule interaction: English article variation in production and perception*. Paper presented at the Annual Meeting of the Linguistic Society of America, Los Angeles, California.
- Raymond, W. D., Fornberg, B., Buck-Gengler, C. J., Healy, A. F., & Bourne, L. E., Jr. (2008, April). *Matlab optimization of an IMPRINT model of human behavior*. Paper presented at the 17th Conference on Behavior Representation in Modeling and Simulation (BRIMS), Providence, RI.
- Raymond, W. D., Healy, A. F., & McDonnell, S. (2009, April). *Lexical, syntactic, and semantic influences on count-mass preferences by teenagers and adults*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
- Raymond, W. D., Healy, A. F., Rains, J., & Bourne, L. E., Jr. (2006, April). *Affordances and*

- choices in strategy shifts in skill acquisition tasks*. Paper presented at the 76th annual convention of the Rocky Mountain Psychological Association, Park City, Utah.
- Rickard, T. C. (1995, November). *Bending the power law: The transition from algorithm to retrieval*. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California.
- Romero, S. G., Rickard, T. C., Basso, G., Wharton, C. M., & Grafman, J. (1997, March). *Where the brain verifies a multiplication fact*. Paper presented at the 4th Annual Meeting of the Cognitive Neuroscience Society, Boston, Massachusetts.
- Schmalhofer, F., van Elst, L., & Bourne, L. E., Jr. (1997, August). *The cognitive consequence of Whitewater: Social inferences in text comprehension*. Paper presented at the 19th Annual Conference of the Cognitive Science Society, Stanford, California.
- Schneider, V. I., Healy, A. F., & Barshi, I. (2000, November). *Effects of repeating back instructions on accuracy in following them*. Paper presented at the 41st annual meeting of the Psychonomic Society, New Orleans, Louisiana.
- Schneider, V. I., Healy, A. F., & Barshi, I. (2001, November). *The relationship between verbal and spatial representations of navigation instructions*. Paper presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
- Schneider, V. I., Healy, A. F., & Barshi, I. (2002, November). *Effects of presentation format and repetition on following navigation instructions*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Schneider, V. I., Healy, A. F., & Barshi, I. (2005, August). *Following navigation instructions: Are movements equally difficult in all directions?* Paper presented at the 113th Annual Convention of the American Psychological Association, Washington, DC.
- Schneider, V. I., Healy, A. F., Barshi, I., & Bourne, L. E., Jr. (2007, November). *Effects of difficulty, specificity, and variability on training to follow navigation instructions*. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Schneider, V. I., Healy, A. F., Barshi, I., & Kole, J. A. (2004, November). *The effect of an interpolated task on following navigation instructions*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Schneider, V. I., Healy, A. F., Barshi, I., & Kole, J. A. (2006, November). *Following verbal and spatial navigation instructions: Training, retention, and transfer*. Paper presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX.
- Schneider, V. I., Healy, A. F., Barshi, I., & Parker, J. T. (2005, November). *Effect of computer display on executing navigation instructions*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Canada.
- Schneider, V. I., Healy, A. F., & Bourne, L. E., Jr. (2002, April). *Making learning difficult enhances retention and transfer: Extensions and qualifications of the Battig contextual interference principle*. Paper presented at the Ellis-Battig Memory Symposium at the 72nd Annual Convention of the Rocky Mountain Psychological Association, Park City, UT.
- Schneider, V. I., Healy, A. F., Buck-Gengler, C. J., Barshi, I., & Bourne, L. E., Jr. (2007, July). *The effects of feedback on learning to follow navigation instructions*. Poster presented at the joint meeting of the Experimental Psychology Society and the Psychonomic Society, Edinburgh, Scotland.
- Schneider, V. I., Healy, A. F., Buck-Gengler, C. J., Barshi, I., & Bourne, L. E., Jr. (2008, November). *Effects of presenting navigation instructions twice in the same or different*

- modalities*. Paper presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. (2003, January). *The verbal representation of navigation instructions depends on the spatial representation*. Paper presented at the 4th Tsukuba International Conference on Memory. Human Learning and Memory: Advances in Theory and Application, Tsukuba, Japan.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. (2004, July). *Following navigation instructions presented verbally and spatially*. Paper presented at the 112th Annual Convention of the American Psychological Association, Honolulu, HI.
- Schneider, V. L., Healy, A. F., & Barshi, I. (2003, November). *Factors influencing repeating and following navigation instructions*. Paper presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, Canada.
- Schneider, V. I., Healy, A. F., & Barshi, I. (2005, August). *Following navigation instructions: Are movements equally difficult in all directions?* Poster presented at the 113th Annual Convention of the American Psychological Association, Washington, DC.
- Sinclair, C., & Bourne, L. E., Jr. (1997, March). *The cycle of blame: Effects of legal verdicts on gender patterns in rape myth acceptance and victim empathy*. Paper presented at the 22nd Annual Association for Women in Psychology Conference, Pittsburgh, Pennsylvania.
- Smith, R. W., & Healy, A. F. (1996, July). *Time-course of the generation effect*. Paper presented at the 8th Annual Convention of the American Psychological Society, San Francisco, CA.
- Sumiya, H., & Healy, A. F. (2003, April). *The Stroop effect in Japanese-English bilinguals*. Paper presented at the 73rd Annual Convention of the Rocky Mountain Psychological Association, Denver, CO.
- Sumiya, H., & Healy, A. F. (2005, December). *The Stroop effect in English-Japanese bilinguals: Unintentional phonological processing*. Poster presented at the 11th International Conference on Processing Chinese and Other East Asian Languages, Hong Kong.
- Tao, L., & Healy, A. F. (1995, July). *Information flow and zero anaphor: A comparison of native English and native Chinese speakers*. Paper presented at the International Conference on Functional Approaches to Grammar, Albuquerque, New Mexico.
- Tao, L., & Healy, A. F. (1996, November). *Transfer of reference tracking strategies from Chinese to English*. Paper presented at the 37th Annual Meeting of the Psychonomic Society, Chicago, Illinois.
- Tao, L., & Healy, A. F. (1998, December). *The unitization effect in reading Chinese and English texts*. Paper presented at the International Workshop on Written Language Processing, Sydney, Australia.
- Tao, L., & Healy, A. F. (2000, June). *The more you know, the less you see: The unitization effect in reading*. Paper presented at the 12th North American Conference on Chinese Linguistics (NACCL-12), San Diego, California.
- Tao, L., & Healy, A. F. (2001, August). *Frequency, automaticity, and fusion in language production and comprehension*. Paper presented at the Symposium on Language and Cognition, Third International Conference on Cognitive Science, Beijing, China.
- Tao, L., & Healy, A. F. (2001, February). *Information flow and zero anaphora: Transfer of reference tracking strategies from Chinese to English*. Paper presented at the Symposium on Automatization and Fluency in Second Language Acquisition at the 2001 American Association for Applied Linguistics Conference, St. Louis, MO.

- Tao, L., & Healy, A. F. (2002, June). *Language fluency and word frequency: The unitization effect in reading*. Paper presented at the Joint Conference of the 12th Annual Meeting of the Society for Text and Discourse and the Society for the Scientific Study of Reading, Chicago, IL.
- Tao, L., & Healy, A. F. (2002, October). *Usage, automaticity, and fusion in language production and processes*. Paper presented at the 6th Conceptual Structure, Discourse and Language Conference (CSDL - 6), Houston, TX.
- Tao, L., & Healy, A. F. (2005, December). *Stroop effect in native and nonnative Chinese speakers: Orthography and language experience*. Poster presented at the 11th International Conference on Processing Chinese and Other East Asian Languages, Hong Kong.
- Tao, L., & Healy, A. F. (2006, November). *Stroop effect in Chinese characters and Pinyin: Orthography and language experience*. Poster presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX.
- Tao, L., & Healy, A. F. (2007, November). *Unitization effect in English and Chinese: Orthography and language experience*. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Tao, L., Healy, A. F., & Bourne, L. E., Jr. (1995, April). *Unitization effects in the process of second-language learning*. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado.
- Tao, L., Healy, A. F., & Bourne, L. E., Jr. (1995, November). *Unitization in second-language learning: Evidence from letter detection*. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California.
- Thompson, J. L. W., Wharton, C. M., Bowles, A. R., Fromm, S. J., Sevostianov, A., Graesser, A. C., et al. (2001, November). *Neural correlates of inference in text comprehension: A functional MRI study*. Paper presented at the 31st Annual Meeting of the Society for Neuroscience, San Diego, CA.
- Van Overschelde, J., & Healy, A. F. (1999, July). *Character and line spacing effects on reading time and text comprehension*. Paper presented at the Annual Meeting of the Society for Applied Research in Memory and Cognition, Boulder, Colorado.
- Van Overschelde, J. P. (2001, April.). *Word frequency effect on recency on immediate and delayed free recall*. Paper presented at the 71st Annual Convention of the Rocky Mountain Psychological Association, Reno, NV.
- Van Overschelde, J. P., & Healy, A. F. (1999, November). *Learning of new facts by high- and low-knowledge participants*. Paper presented at the 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Wager, T. D., Healy, A. F., & Greenberg, A. (1999, June). *Articulatory suppression enhances the word imageability effect in free recall*. Paper presented at the Eleventh Annual Convention of the American Psychological Society, Denver, Colorado.
- Wharton, C. M., Thompson, J., Sevostianov, A., Graesser, A. C., Fromm, S. J., Courtney, S., et al. (2000, April). *The neural basis of language and situation models*. Paper presented at the 2000 Annual Meeting of the Cognitive Neuroscience Society, San Francisco, California.
- Wharton, C. M., Thompson, J., Sevostianov, A., Graesser, A. C., Fromm, S. J., Courtney, S., et al. (2000, June). *Phonological working memory in narrative construction: An fMRI study*. Paper presented at the Sixth Annual Meeting of the Organization for Human Brain

- Mapping, San Antonio, Texas.
- Wohldmann, E. L., Carmien, S., & Kintsch, A. (2003, October). *The effect of image attributes on recognition time in multimedia prompting for persons with cognitive impairments*. Paper presented at the Third Annual Coleman Institute Conference: Technology, Neuroscience and the Future of Cognitive Disability, Denver, CO.
- Wohldmann, E. L., & Healy, A. F. (2008, November). *Perceptual and motoric specificity in training of speeded aiming movements*. Paper presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2003, April). *Training and transfer on the skill of time estimation using a dual-task methodology*. Paper presented at the 73rd Annual Convention of the Rocky Mountain Psychological Association, Denver, CO.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2004, April). *Training on the skill of time estimation: Assessing methods that promote retention and transfer*. Paper presented at the American Educational Research Association Annual Meeting, San Diego, CA.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2005, November). *Imagine that! Motor imagery enhances repetition priming of sequences*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Canada.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2006, April). *Use your imagination: Learning and maintaining representations in a sequential motor task*. Paper presented at the 76th annual convention of the Rocky Mountain Psychological Association, Park City, Utah.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2006, November). *Mental practice yields less forgetting and interference than physical practice*. Paper presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. (2007, November). *Physical but not mental practice yields retroactive interference*. Paper presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Young, M. D., Healy, A. F., & Bourne, L. E., Jr. (2005, April). *Learning French pronoun-verb pairs with contextual interference*. Paper presented at the 75th Annual Convention of the Rocky Mountain Psychological Association, Phoenix, AZ.
- Young, M. D., Healy, A. F., Gonzalez, C. & Bourne, L. E., Jr. (2007, July). *The effects of training difficulty on RADAR detection*. Poster presented at the joint meeting of the Experimental Psychology Society and the Psychonomic Society, Edinburgh, Scotland.
- Young, M. D., Healy, A. F., Gonzalez, C., Dutt, V., & Bourne, L. E., Jr. (2008, November). *Effects of training with added relevant responses on RADAR detection*. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Young, M. D., Wilson, M. L., & Healy, A. F. (2008, April). *Improving reading skills For ESL learners using SoundSpel*. Poster presented at the 78th Annual Convention of the Rocky Mountain Psychological Association Meeting, Boise, ID.

## 6. THESES & DISSERTATIONS

- Bonk, W. (2003). *A psycholinguistic investigation of collocation*. Unpublished masters thesis, University of Colorado, Boulder.
- Bonk, W. J. (2008). *Serial learning of verbal and nonverbal sequences*. Unpublished doctoral dissertation, University of Colorado, Boulder.

- Bowles, A. R. (2003). *Implicit and explicit learning of artificial grammar structures and natural language morphology: Implications for second language learning*. Unpublished Dissertation, University of Colorado, Boulder.
- Buck-Gengler, C. J. (2003). *Processing inflectional morphemes: Effects of segmentation difficulty, regularity, and frequency*. Unpublished doctoral dissertation, University of Colorado, Boulder.
- Fierman, D. M. (2006). *Sentence interference in the bilingual Stroop task*. Unpublished masters thesis, University of Colorado, Boulder.
- Groth, T. P. (2003). *Effects of medium on reading comprehension*. Unpublished masters thesis, University of Colorado, Boulder.
- Ketels, S. (2009). *Implicit category sequence learning*. Unpublished masters thesis, University of Colorado, Boulder.
- Kole, J. A. (2004). *Using prior knowledge to mediate the learning of domain-irrelevant and conceptually unrelated information*. Unpublished masters thesis, University of Colorado, Boulder.
- Kole, J. A. (2007). *The retrieval process in mediated learning: Using priming effects to test the direct access and covert mediation models*. Unpublished doctoral dissertation, University of Colorado, Boulder.
- Krech Thomas, H. A. (2004). *Training strategies for improving listeners' comprehension of foreign-accented speech*. Unpublished doctoral dissertation, University of Colorado, Boulder.
- Lohse, K. R. (2009). *Task level and effector level representations in the intermanual transfer of fine motor skills: The effects of task familiarity and mental practice*. Unpublished masters thesis, University of Colorado, Boulder.
- Wohldmann, E. L. (2003). *Training and transfer on the skill of time estimation*. Unpublished masters thesis, University of Colorado, Boulder.
- Wohldmann, E. (2006). *Pushing the limits of imagination: The effectiveness of motor imagery for acquiring and maintaining a sequential motor skill*. Unpublished Doctoral Dissertation, University of Colorado, Boulder.
- Young, M. (2005). *Learning French pronoun-verb pairs with contextual interference*. Unpublished Masters Thesis, University of Colorado, Boulder.

## 7. INVITED ADDRESSES

- Bourne, L. E., Jr. (1999, September). Estimating and remembering quantities. Invited keynote address at Festschrift in honor of Roger Schvaneveldt. Las Cruces, New Mexico.
- Bourne, L. E. (2001, August). Terrorism and military conflict: General psychology informs international relations. Division I Presidential Address presented at the Annual Meeting of the American Psychological Association. San Francisco, CA.
- Healy, A. F. (1995, April). Towards the improvement of training in foreign languages, *Invited Presidential Address presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association*. Boulder, CO.
- Healy, A. F. (1996, April). Towards the improvement of training in foreign languages. Invited keynote speaker presentation at the Southern Colorado Undergraduate Psychology Symposium. Colorado College, Colorado Springs, Colorado.
- Healy, A. F. (1998, June). Optimizing the speed, durability, and transferability of training.

- Invited keynote address presented at the 21st Army Science Conference. Norfolk, Virginia.
- Healy, A. F. (1999, November). Toward the improvement of training in foreign languages. Invited keynote address presented in the Applied Linguistics Forum at the 23rd Annual Convention of the Colorado Teachers of English to Speakers of Other Languages (CoTesol). Longmont, Colorado.
- Healy, A. F. (2001, April). Optimizing the speed, durability, and transferability of training. Invited Battig Memorial Lecture delivered at the 71st annual convention of the Rocky Mountain Psychological Association. Reno, Nevada.
- Healy, A. F. (2005, August). *Cognitive processes in communication between pilots and air traffic control*. (2005, August). Invited Division 3 Presidential Address presented at the 113th Annual Convention of the American Psychological Association, Washington, DC.
- Healy, A. F. (2006, April). *Cognitive processes in communication between pilots and air traffic control*. Invited Battig Memorial Lecture presented at the 76th annual convention of the Rocky Mountain Psychological Association, Park City, Utah.
- Healy, A. F. (2007, December). *Training optimization: Learning, retention, and transfer of knowledge and skills*. Invited address presented at the College of Arts and Sciences Professors of Distinction Lectures, Boulder, CO.

## 8. OTHER

- Healy, A. F. (2003, January). Mighty Joe Young retires from NSF: A tribute from Division 3. *The Experimental Psychology Bulletin*, 7, 3.
- Healy, A. F. (2004, January). An autobiography of the President Elect of APA Division 3. *The Experimental Psychology Bulletin*, 8, 2-4.
- Healy, A. F. (2004, August). Triple Festschrift for Lyle Bourne, Walter, Kintsch, and Tom Landauer. *The Experimental Psychology Bulletin*, Volume 8, Number 2.
- Healy, A. F. (2004, August). A brief note from the president. *The Experimental Psychology Bulletin*, Volume 8, Number 2.
- Healy, A. F. (2005, March). President's Message: It's an honor to serve. *The Experimental Psychology Bulletin*, Volume 9, Number 1.