

CURRICULUM VITAE

1. **Name:** Alice F(ennessy) Healy

2. **Present Address:**

Department of Psychology and Neuroscience
Muenzinger Building
345 UCB
University of Colorado
Boulder, CO 80309-0345
phone: 303-492-5032; FAX: 303-492-8895
e-mail: alice.healy@colorado.edu

3. **Education:**

Vassar College, Poughkeepsie, New York, 1964-1968
A.B. Summa Cum Laude (1968), Psychology
The Rockefeller University, New York, New York, 1968-1973
Ph.D. (1973), Psychology

4. **Professional career:**

USPHS Training Grant Fellow, The Rockefeller University, 1968-1973
Assistant Professor of Psychology, Yale University, 1973-1978
Associate Professor of Psychology, Yale University, 1978-1981
Research Associate, Haskins Laboratories, 1976-1980
Member, NIMH Basic Behavioral Processes Research Review Committee,
June, 1979-June, 1981
Visiting Associate Professor, University of Colorado, Boulder, 1980-1981
Associate Professor of Psychology (with tenure), University of Colorado, Boulder,
1981-1984
Professor of Psychology, University of Colorado, Boulder, 1984-present
Distinguished Visiting Professor, National Science Foundation Workshop
on Experimental Psychology, Colorado State University, Pingree Park,
Colorado, July 8-12, 1990
Director, Center for Research on Training, University of Colorado, Boulder,
2006-present
College Professor of Distinction, University of Colorado, Boulder, 2007-present.

5. **Professional honors and recognitions:**

- a. New York State Regents Scholarship, 1964-1968
- b. Matthew Vassar Scholar, Vassar College, 1966-1967, 1967-1968
- c. Senior Intern, Psychology Department, Vassar College, 1967-1968
- d. Phi Beta Kappa, Vassar College, 1967
- e. Sigma Xi, The Rockefeller University, 1971
- f. Recorder, The Place of Psychology in a National Institute of Education,

- Conference sponsored by the Office of Education, Planning Unit for N.I.E., Princeton, New Jersey, July, 1971
- g. Participant, International Summer Course on Process Models for Psychology, NUFFIC, The Hague, The Netherlands, July-August, 1972
- h. Referee or consultant
- Journal of Mathematical Psychology*, 1973, 1975
- Quarterly Journal of Experimental Psychology*, 1976, 2005, 2006, 2010, 2014 (2 times)
- National Science Foundation, 1976, 1978, 1979, 1981, 1983, 1984, 1985 (2 times), 1986, 1987 (2 times), 1989 (2 times), 1990, 1991, 1992, 1993, 1995, 1996, 1998, 2000, 2001, 2002, 2003 (2 times), 2004 (2 times), 2013
- Journal of Verbal Learning and Verbal Behavior*, 1977 (4 times), 1979
- W.H. Freeman & Co., 1976
- Memory & Cognition*, 1976
- Journal of Psycholinguistic Research*, 1977 (2 times), 1978, 1979, 1981 (2 times), 1995, 2010, 2011
- Cognition*, 1977
- American Psychologist*, 1978, 1979, 1997
- Journal of Experimental Psychology: Human Learning and Memory*, 1978, 1980
- Journal of Experimental Psychology: General*, 1978, 1979, 1981, 1982
- American Scientist*, 1978
- Journal of Experimental Psychology: Human Perception and Performance*, 1978, 1979, 1980, 1982, 1984, 1985, 1989, 1991, 1992, 1996, 1998, 1999, 2000, 2002
- Psychological Review*, 1979, 1980, 1992, 1994, 1995 (twice)
- Psychological Bulletin*, 1980, 1981, 1990
- Dartmouth College, 1981
- Journal of Experimental Child Psychology*, 1982 (2 times), 1993, 1998, 2004
- American Psychological Association, 1982, 1987, 1992, 1994, 1999, 2003, 2010
- Union College, 1981
- Journal of the Acoustical Society of America*, 1982
- Purdue University, 1982, 1994, 1995, 1996, 2000, 2007, 2011, 2016, 2017
- American Journal of Psychology*, 1984, 1991, 1993, 2002, 2012 (twice), 2013 (action editor, two times), 2014
- Rutgers University, 1984
- Carnegie-Mellon University, 1985
- Bryn Mawr College, 1985
- Wesleyan University, 1986
- University of Denver, 1987
- State University of New York at Buffalo, 1987
- Case Western Reserve University, 1987
- Wayne State University, 1987, 1989
- Grinnell College, 1987
- Vanderbilt University, 1988
- Journal of Memory and Language*, 1989, 1991, 1993, 1996, 1999 (twice), 2003, 2004, 2006
- Applied Cognitive Psychology*, 1989
- Barnard College, 1989
- University of Texas at Dallas, 1989
- Natural Sciences and Engineering Research Council of Canada, 1990
- Cognitive Psychology*, 1990

Journal of Experimental Psychology: Learning, Memory, and Cognition,
 1990 (twice), 1991, 1992, 1995
Perception & Psychophysics, 1990, 1992
 University of Victoria, 1990
Psychological Science, 1991, 1993, 1995, 1996, 2000, 2008, 2015
 State University of New York at Albany, 1991
 Arizona State University, 1991, 1992
The European Journal of Cognitive Psychology, 1992, 2000 (twice), 2001, 2002, 2003,
 2010
 University of Georgia, 1992
 Cognitive Science Society, 1993 (2 papers)
 The Catholic University of America, 1993, 1999
 Sage Publications, 1993
 Kansas State University, 1993
 American Association for the Advancement of Science, 1994, 1995, 1996
 The Chinese University of Hong Kong, 1995, 2002, 2005, 2008
Psychonomic Bulletin & Review, 1995, 1997 (twice), 2003
Journal of Experimental Psychology: Applied, 1995, 1996, 2000, 2005, 2006
 University of South Florida, Department of Computer Science and
 Engineering, 1995
 University of Nebraska at Kearney, 1996
 University of Missouri, Columbia, 1997
 Tufts University, 1998
Animal Learning & Behavior, 1999
 Oxford University Press, 2000
 Harvard Medical School, 2001
 Psychology Press, 2002
 Army Research Office, 2002
 Colorado State University, 2002, 2004, 2007, 2011, 2013
Memory, 2002 (twice), 2009
 Rocky Mountain Psychological Association (R.M.P.A.), 2003, 2005, 2006, 2007,
 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015
Brain & Language, 2003
Canadian Journal of Experimental Psychology, 2003
Psychological Reports, 2004, 2009
 Cambridge University Press, 2004
 University of California, Los Angeles, 2004, 2009
 The University of Iowa, 2004
 Cornell University, 2005
 Tel Aviv University, 2006
 University of California, San Diego, 2006, 2007
 University of Notre Dame, 2006
 Air Force Office of Scientific Research, 2007, 2008
 Lake Forest College, 2007, 2014
 Montana State University, 2008
 Behavioral Tech Research, Inc., 2008
 University of North Carolina, Greensboro, 2009, 2015
 University of Mississippi, 2009
Journal of Educational Psychology, 2010
 Penn State Harrisburg, 2010

University of Delaware, 2010
Psychological Research, 2011
 University of Massachusetts Dartmouth, 2011
Scientific Studies of Reading, 2013
 Human Factors and Ergonomics Society, 2014
Frontiers in Psychology: Cognition, 2014 (twice)
 Edge Hill University, 2015 (twice)
 University of West Florida, 2015
Sage Open, 2015
 Routledge, 2016
 Texas A&M University, 2016
 New York University, 2016
 Edith Cowan University, Australia, 2017
 Stony Brook University, 2017
 Association for Psychological Science, 2017

i. Grants and Contracts:

1. Process Models of Binary Classification Decisions,
 Principal Investigators: Michael Kubovy & Alice F. Healy
 PHS Grant MH26573, June, 1975-May, 1977.
2. Process Models of Probabilistic Categorization Decisions,
 Principal Investigators: Alice F. Healy & Michael Kubovy
 NSF Grant BNS77-00077, June, 1977-May, 1980.
3. The Size and the Acquisition of Reading Units,
 Principal Investigators: Alice F. Healy & Adam Drewnowski
 Grant from the Spencer Foundation, September, 1978-August, 1979.
4. The Nature of Reading Units,
 Principal Investigators: Alice F. Healy & Adam Drewnowski
 Grant from the Spencer Foundation, September, 1979-August, 1980.
5. The Size and the Nature of Reading Units,
 Principal Investigator: Alice F. Healy
 NSF Grant BNS80-00263, July, 1980-November, 1980,
 NSF Grant BNS80-25020, December, 1980-August, 1984.
6. Cognitive Processes in Reading Text,
 Principal Investigator: Alice F. Healy
 CRCW award, University of Colorado, March, 1984-December, 1984.
7. Multiuser Equipment for Phonetic Research,
 Principal Investigators: A. Bell, T. Halwes, & A. F. Healy
 NSF Grant BNS84-18748, March 1, 1985-August 31, 1986.
8. Cognitive Processes in Artificial Intelligence and Learning,
 U.S. Air Force Human Resources Laboratory Contract,
 Subcontracted from Universal Energy Systems, Inc.,
 September 18, 1985-September 30, 1986,
 Principal Investigators: Alice F. Healy, K. Anders Ericsson,
 and Lyle E. Bourne, Jr.
9. Optimizing the long-term retention of skills: Structural and analytic
 approaches to skill maintenance,
 Army Research Institute Contract MDA903-86-K-0155;
 August 11, 1986-February 10, 1990,
 Principal Investigators: Alice F. Healy, K. Anders Ericsson,

- and Lyle E. Bourne, Jr.
10. Optimizing the long-term retention of skills: Structural and analytic approaches to skill maintenance,
Army Research Institute Contract MDA903-90-K-0066;
May 1, 1990-October 30, 1993
Principal Investigator: Alice F. Healy
Co-Investigators: K. Anders Ericsson, and Lyle E. Bourne, Jr.
 11. Long-term retention of trained skills
Naval Training Systems Center N61339-93-M-0511
February 1, 1993-February 13, 1994
Principal Investigator: Alice F. Healy
Co-Investigator: Lyle E. Bourne, Jr.
 12. Towards the improvement of training in foreign languages
Army Research Institute Contract MDA903-93-K-0010;
August 2, 1993-December 1, 1996
Principal Investigator: Alice F. Healy
Co-Investigator: Lyle E. Bourne, Jr.
 13. Research training in cognitive psychology
Army Research Office Grant DAAH04-95-1-0208
June 1, 1995-May 31, 1998
Principal Investigator: Alice F. Healy
 14. Optimizing the Durability and Generalizability of Knowledge and Skills
Army Research Institute Contract DASW01-96-K-0010
August 2, 1996-February 1, 2000
Principal Investigator: Alice F. Healy
Co-Principal Investigator: Lyle E. Bourne, Jr.
 15. Augmentation to Promote Research Training in Cognitive Psychology
Army Research Office Grant DAAG55-98-1-0214
June 1, 1998-May 31, 2002
Principal Investigator: Alice F. Healy
 16. Effects of spatial display and response requirements on finding and moving to targets: Behavioral and electrophysiological measures (EEG/MEG)
German-American Academic Council Foundation TransCoop Program
1999-2002
Principal Investigators: Paul Pauli and Lyle E. Bourne, Jr.
Co-Principal Investigators: Alice F. Healy and Niels Birbaumer
 17. Comprehension of Navigation Directions
National Aeronautics and Space Administration (NASA)
Ames Research Center
NCC2-1112
May 1, 1999-September 30, 2002
Principal Investigator: Alice F. Healy
 18. Optimizing the speed, durability, and transferability of training
Army Research Institute Contract DASW01-99-K-0002
August 1, 1999-July 31, 2003
Principal Investigator: Alice F. Healy
Co-Principal Investigator: Lyle E. Bourne, Jr.
 19. Comprehension of Navigation Directions
NASA Ames Research Center

- NCC2-1310
 March 1, 2002-February 28, 2006
 Principal Investigator: Alice F. Healy
20. Training for Efficient, Durable and Flexible Performance in the Military
 Army Research Institute Contract DASW01-03-K-0002
 October 1, 2002-September 30, 2007
 Principal Investigator: Alice F. Healy
 Co-Principal Investigator: Lyle E. Bourne, Jr.
 21. Experimental Cognitive Psychology and its Applications
 Council on Research and Creative Work (CRCW) small grant
 October 13, 2002
 Principal Investigator: Alice F. Healy
 22. Experimental Cognitive Psychology and its Applications
 American Psychological Association, Scientific Conference Grant
 December 30, 2002-December 24, 2003
 Principal Investigator: Alice F. Healy
 23. SGER: Training to Minimize the Decay of Knowledge and Skills
 National Science Foundation REC-0335674
 August 1, 2003-July 31, 2005
 Principal Investigator: Alice F. Healy
 Co-Principal Investigator: Lyle E. Bourne, Jr.
 24. Efficacy of DoubleLine with SoundSpel in the Improvement of
 Children's Reading
 American Literacy Council
 April 1, 2005-March 31, 2008
 Principal Investigator: Alice F. Healy
 25. Analysis of Gaps in Training Knowledge
 NASA Ames Research Center
 NNA05CS42A
 April 1, 2005-September 30, 2006
 Principal Investigator: Alice F. Healy
 Co Investigator: Lyle E. Bourne, Jr.
 26. Training Knowledge and Skills for the Networked Battlefield
 Multidisciplinary University Research Initiative Grant (MURI)
 Army Research Office W911NF-05-1-0153
 May 1, 2005-September 30, 2010
 Principal Investigator: Alice F. Healy
 Co-Principal Investigator: Lyle E. Bourne, Jr.
 27. Towards the Improvement of Astronaut Training
 National Aeronautics and Space Administration, Ames Research Center
 NNA07CN59A
 January 15, 2007-January 14, 2010
 Principal Investigator: Alice F. Healy
 Consultant: Lyle E. Bourne, Jr.
 28. Supporting Science Understanding through a Customized Learning Service
 for Concept Knowledge: A Generalization Pilot Study
 March 6, 2008-September 30, 2008
 Institute of Cognitive Science NSF Science of Learning Catalyst Center grant
 Co-Principal Investigators: Tamara R. Sumner, Alice F. Healy, & James Martin
 29. Efficacy of DoubleLine with SoundSpel in the Improvement of Children's

Reading

- American Literacy Council
July 1, 2009-December 31, 2010
Principal Investigator: Alice F. Healy
30. Learning Specificity: Implications For Improved Training of Pilots and Astronauts
National Aeronautics and Space Administration, Ames Research Center
NNX10AC87A
January 1, 2010-December 31, 2013
Principal Investigator: Alice F. Healy
31. Impact of Home E-Readers in the Improvement of Children's Reading
American Literacy Council
July 1, 2011-December 31, 2012
Principal Investigator: Alice F. Healy
32. Experimental and Theoretical Analysis of Cognitive Processes Underlying Clicker Use in STEM Education
National Science Foundation
DRL-1246588
October 1, 2012-September 30, 2016
Principal Investigator: Alice F. Healy
Co-Principal Investigator: Matthew C. Jones
33. Use of EReader Dictionaries to Enhance Vocabulary Learning in Middle School Language Arts Classes
American Literacy Council
July 1, 2013-December 31, 2014
Principal Investigator: Alice F. Healy
34. Effects of Long-Duration Spaceflight on Training Retention: Background Experiments in the Laboratory
National Aeronautics and Space Administration, Ames Research Center
NNX14AB75A
January 1, 2014-December 31, 2018
Principal Investigator: Alice F. Healy
35. Comparing SoundSpel to a Traditional Pronunciation Guide in Adult Readers of English
American Literacy Council
May 1, 2015-May 31, 2018
Principal Investigator: Alice F. Healy

j. Memberships:

Psychonomic Society, 1976; Member of the Governing Board, 1987-1992; Member of the Publications Committee, 1989-1994; Chair, Search Committee for Editor of *Memory & Cognition*, 1991-1992; Member, New Journal Planning Committee, 1992; Member, Search Committee for Editor of *Memory & Cognition*, 1996, 2004, 2013; Member, Search Committee for Editor of *Cognitive Research: Principles & Implications*, 2015

American Psychological Association (APA), Division 3 (Experimental Psychology), 1977; Fellow Division 3, 1984; Member at Large of the Executive Committee of Division 3, 1989-1992, 2001-2004; Member, Membership Committee, Division 3, 1991-1994 (Chair, 1992-1993); Fellow Division 1, 1996; Member, Search Committee for Editor of *Journal of*

- Experimental Psychology: Learning, Memory, and Cognition*, 1998-1999, 2010-2011;
 President Elect of Division 3, 2003-2004; President of Division 3, 2004-2005;
 Past President of Division 3, 2005-2006; Chair APA Early Career Awards,
 Cognition and Human Learning, 2013; Member Division 21, 2014,
 Fellow Division 21, 2015
- E.P.A., 1977
- R.M.P.A., 1981, President Elect, 1993-4; President, 1994-5;
 Past President, 1995-6
- Society of Mathematical Psychology, 1977
- Cognitive Science Society, 1980
- American Association for the Advancement of Science (AAAS), Member of
 Electorate J (Psychology) Nominating Committee, 1988-1991, Fellow,
 1989; Chair of Electorate J Nominating Committee, 1991, Chair Elect of
 Electorate J (Psychology Section), 1994; Chair of Electorate J (Psychology
 Section), 1995-6; Retiring Chair of Electorate J (Psychology Section),
 1996-7; Member, Selection Committee McGovern Award Lecture, 1996-2002
- American Psychological Society; Association for Psychological Science (APS),
 Charter Fellow, 1989
- The Society for Applied Research in Memory and Cognition, 1996
- The Society of Experimental Psychologists, Fellow, 1997; Chair, 2008-2009
- k. Editorial Boards:
1. *Memory & Cognition*, December, 1976-1984, 1990-present
 2. *Journal of Experimental Psychology: Human Learning and Memory*,
 May, 1980-March, 1981
 3. *Journal of Experimental Psychology: Learning, Memory, and
 Cognition*, February, 1984-December, 1984; January, 2000-present
 4. *Psychological Review*, August, 1996-2015
 5. *Journal of Applied Research in Memory and Cognition*, 2011-present
 6. *Journal of Expertise*, 2017-present
- l. Editorial Positions:
1. Acting Associate Editor, *Memory & Cognition*, September, 1978-
 January, 1979
 2. Associate Editor, *Journal of Experimental Psychology: Learning,
 Memory, and Cognition*, March, 1981-December, 1984
 3. Editor, *Memory & Cognition*, 1985-1989
- m. Faculty Fellowships:
1. Junior Faculty Fellowship, Yale University, 1977-1978
 2. Senior Faculty Fellowship, Yale University, 1980-1981
 3. Faculty Fellowship, University of Colorado, 1987-1988
 4. College Scholar Award, University of Colorado, 2010
- n. James McKeen Cattell Fund Sabbatical Award, 1987-1988
- o. Dean's writing award for the social sciences, 1988, University of Colorado
 (with Beer and Bourne)
- p. Listing in *Who's Who in America*, 45th-70th Editions, 1988-2016
- q. University of Colorado, Department of Psychology Faculty Research Award,
 1997
- r. University of Colorado, Department of Psychology Faculty Teaching Award,
 2002
- s. University of Colorado, Department of Psychology Faculty Service Award,
 2005

- t. 2005 Women in Cognitive Science Mentorship Award
- u. Women Who Make a Difference, Honoree, University of Colorado Women's Resource Center, January 26, 2006
- v. 2006 Rocky Mountain Psychological Association Distinguished Service Award
- w. Festschrift in Honor of Alice F. Healy, Boulder, CO, June 7-8, 2014, including declaration from Boulder City Council of June 7 as Alice F. Healy Day.
- x. Federation of Associations in Behavioral and Brain Sciences (FABBS) Foundation Honors Alice F. Healy, July 29, 2014.
- y. Special issue of *The American Journal of Psychology*, Vol. 128, No. 2 (Summer 2015): Alice Healy Festschrift
- z. Wikipedia entry, December 2017, https://en.wikipedia.org/wiki/Alice_F._Healy

6. Teaching:

- a. 1973-1974 3 courses
 - 11a Introduction to psychology (61 students)
 - 65b Topics in the psychology of language (4)
 - 165b Topics in the psychology of language (5)
- b. 1974-1975 6 courses
 - 11a Introduction to psychology (108)
 - 202a Current work in cognition (6)
 - 90-18b Problems in psycholinguistics (4)
 - 104b Human learning and memory (3)
 - 165b Problems in psycholinguistics (1)
 - 202b Current work in cognition (6)
- c. 1975-1976 5 courses
 - 47a Human learning and memory (12)
 - 104a Human learning and memory (3)
 - 202a Current work in cognition (7)
 - 11b Introduction to psychology (116)
 - 202b Current work in cognition (7)
- d. 1976-1977 4 courses
 - 40a Statistics (26)
 - 104a Human learning and memory (10)
 - 202a Current work in cognition (10)
 - 11b Introduction to psychology (76)
- e. 1977-1978 Junior Faculty Fellowship
- f. 1978-1979 4 courses (new course numbering system)
 - 110a Introduction to psychology (81)
 - 602a Current work in cognition (5)
 - 200b Statistics (15)
 - 504b Human learning and memory (7)
- g. 1979-1980 3 courses
 - 421a/565a Topics in psycholinguistics (5)

- 200b Statistics (11)
504b Human learning and memory (4)
- h. 1980-1981 Senior Faculty Fellowship
- i. 1981-1982 3 courses (University of Colorado)
414a Cognitive Psychology (42)
566a Experimental Proseminar: Cognition (12)
414b Cognitive Psychology (46)
- j. 1982-1983 2 courses
14a Cognitive Psychology (44)
566b Experimental Proseminar: Cognition (8)
- k. 1983-1984 2 courses
414a Cognitive Psychology (40)
566b Experimental Proseminar: Cognition (10)
- l. 1984-1985 2 courses
414a Cognitive Psychology (43)
566b Experimental Proseminar: Cognition (10)
- m. 1985-1986 2 courses
566a Experimental Proseminar: Cognition (14)
414b Cognitive Psychology (54)
- n. 1986-1987 2 courses
566a Experimental Proseminar: Cognition (14)
414b Cognitive Psychology (51)
- o. 1987-1988 Faculty Fellowship
- p. 1988-1989 2 courses
5665a Experimental Proseminar: Cognition (24)
4145b Cognitive Psychology (50)
- q. 1989-1990 3 courses
5665a Experimental Proseminar: Cognition (12)
4145b Cognitive Psychology (2 Sections; 45 + 47)
- r. 1990-1991 3 courses
5665a Experimental Proseminar: Cognition (13)
4145b Cognitive Psychology (2 Sections; 40 + 40)
- s. 1991-1992 3 courses
7051a Research Practicum (8)
7061b Research Practicum (8)
4145b Cognitive Psychology (39)
- t. 1992-1993 3 courses

- 4521a Critical Thinking: Experimental Psychology (13)
 7315a Advanced Research Seminar on Human Memory (11)
 4145b Cognitive Psychology (33)
- u. 1993-1994 4 courses
 7051a Research Practicum (12)
 7061b Research Practicum (12)
 4145b Cognitive Psychology (30)
 5145b Cognitive Psychology (6)
- v. 1994-1995 2 courses
 4521a Critical Thinking: Experiments in Psychology (21)
 7315a Advanced Research Seminar on Human Memory (6)
 Spring term: Sabbatical
- w. 1995-1996 3 courses
 7051a Research Practicum (8)
 7061b Research Practicum (8)
 4145b Cognitive Psychology (39)
- x. 1996-1997 2 courses
 4521a Critical Thinking: Experiments in Psychology (8)
 7315a Advanced Research Seminar on Human Memory (8)
 Spring term: Course Reduction to Develop Cognitive Science
 Undergraduate Certificate and 5-year BA/MA program
- y. 1997-1998 2 courses
 7051a Research Practicum (8)
 Fall term: Course Reduction to Develop Cognitive Science
 Undergraduate Certificate and 5-year BA/MA program
 7061b Research Practicum (8)
- z. 1998-1999 3 courses
 7051a Research Practicum (5)
 3105a Experimental Methods in Psychology (15)
 7061b Research Practicum (5)
- aa. 1999-2000 2 courses
 3105a Experimental Methods in Psychology (21)
 Fall term: Course Reduction as ICS Director of Academic Programs
 3105b Experimental Methods in Psychology (19)
- bb. 2000-2001 2 courses
 7051a Research Practicum (11)
 Fall term: Course Reduction as ICS Director of Academic Programs
 7061b Research Practicum (9)
- cc. 2001-2002 1 course
 3105a Experimental Methods in Psychology (24)
 Fall term: Course Reduction as ICS Director of Academic Programs

Spring term: Sabbatical

- dd. 2002-2003 2 courses
 5685a Proseminar Research Methods (7)
 Fall term: Course Reduction from NASA grant
 3105b Experimental Methods in Psychology (23)
- ee. 2003-2004 2 courses
 3105a Experimental Methods in Psychology (24)
 Fall term: Course Reduction from NASA grant
 7315b Advanced Research Seminar on Human Memory (6)
- ff. 2004-2005 2 courses
 5685a Proseminar Research Methods (8)
 Fall term: Course Reduction from NASA grant
 3105b Experimental Methods in Psychology (19)
- gg. 2005-2006 1 course
 5685a Proseminar Research Methods (6)
 Fall term: Course Reduction from ARO MURI grant
 Spring term: Course Reduction from ARO MURI grant
- hh. 2006-2007 1 course
 3105a Experimental Methods in Psychology (23)
 Fall term: Course Reduction from ARO MURI grant
 Spring term: Course Reduction from ARO MURI grant
- ii. 2007-2008 1 course
 5685a Proseminar Research Methods (6)
 Fall term: Course Reduction from ARO MURI grant
 Spring term: Course Reduction from ARO MURI grant
- jj. 2008-2009 1 course
 3105a Experimental Methods in Psychology (21)
 Fall term: Course Reduction from ARO MURI grant
 Spring term: Course Reduction from ARO MURI grant
- kk. 2009-2010 1 course
 5685a Proseminar Research Methods (6)
 Fall term: Course Reduction from ARO MURI grant
 Spring term: Course Reduction from ARO MURI grant
- ll. 2010-2011 Sabbatical and College Scholar Award
- mm. 2011-2012 3 courses
 3105a Experimental Methods in Psychology (19)
 5685a Proseminar Research Methods (6)
 3105b Experimental Methods in Psychology (24)
- nn. 2012-2013 2 courses

3105a Experimental Methods in Psychology (21)
 5685a Proseminar Research Methods (6)
 Spring term: Course Reduction from NASA grant

oo. 2013-2014 1 course
 3105a Experimental Methods in Psychology (21)
 Fall term: Course Reduction from NSF grant
 Spring term: Course Reduction from NSF grant

pp. 2014-2015 2 courses
 5685a Proseminar Research Methods (6)
 3111b Psychological Sciences II (honors) (19)

qq. 2015-2016 2 courses
 5685a Proseminar Research Methods (8)
 3111b Psychological Sciences II (honors) (18)

rr. 2016-2017 1 course
 3111a Psychological Sciences II (honors) (17)
 Spring term: Sabbatical

ss. 2017-2018 1 course
 3111a Psychological Sciences II (honors) (16)
 Spring term: Course reduction for upcoming retirement

7. Publications:

A. Books

Bourne, L. E., Dominowski, R. L., Loftus, E. F., & Healy, A. F. (1986). *Cognitive Processes*, 2nd Ed. Englewood Cliffs, N.J.: Prentice Hall.

Healy, A. F., Kosslyn, S. M., & Shiffrin, R. M. (Eds.). (1992). *From learning theory to connectionist theory: Essays in honor of William K. Estes, Volume 1*. Hillsdale, NJ: Erlbaum.

Healy, A. F., Kosslyn, S. M., & Shiffrin, R. M. (Eds.). (1992). *From learning processes to cognitive processes: Essays in honor of William K. Estes, Volume 2*. Hillsdale, NJ: Erlbaum.

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*, Editor-in-Chief: I. B. Weiner. Hoboken, NJ: Wiley.

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

Healy, A. F., & Bourne, L. E., Jr. (Eds.). (2012). *Training cognition: Optimizing efficiency, durability, and generalizability*. New York: Psychology Press.

Healy, A. F., & Proctor, R. W. (Eds.). (2013). *Experimental psychology*. Volume 4 of the *Handbook of psychology, 2nd Edition*, Editor-in-Chief: I. B. Weiner. Hoboken, NJ: Wiley.

Bourne, L. E., Jr., & Healy, A. F. (2014). *Train your mind for peak performance: A science-based approach for achieving your goals*. Washington, DC: American Psychological Association.

B. Journal Articles and Book Chapters

Krossner, W. J., & Fenvesy, A. (1968). An efficient ordered-alternative test for the randomized blocks design. *Psychonomic Science*, **12**, 403-404.

Healy, A. F., & Miller, G. A. (1970). The verb as the main determinant of sentence meaning. *Psychonomic Science*, **20**, 372.

Healy, A. F., & Miller, G. A. (1971). The relative contributions of nouns and verbs to sentence acceptability and comprehensibility. *Psychonomic Science*, **24**, 94-96.

Healy, A. F. Can chimpanzees learn a phonemic language? (1973). *Journal of Psycholinguistic Research*, **2**, 167-169. Also reprinted in T.A. Sebeok & J. Umiker-Sebeok (Eds.), *Speaking of apes: A critical anthology of two-way communication with man*. New York: Plenum, 1980, pp. 141-143.

Healy, A. F., & Jones, C. (1973). Criterion shifts in recall. *Psychological Bulletin*, **79**, 335-340.

Bjork, E. L., & Healy, A. F. (1974). Short-term order and item retention. *Journal of Verbal Learning and Verbal Behavior*, **13**, 80-97.

Healy, A. F. (1974). Separating item from order information in short-term memory. *Journal of Verbal Learning and Verbal Behavior*, **13**, 644-655.

Healy, A. F. (1974). *Short-term memory for temporal and spatial order information*. Doctoral Dissertation, Rockefeller University, 1973. *Dissertation Abstracts International*, **35**, 2463B. University Microfilms No. 74-23, 777. (Advisor: W.K. Estes)

Healy, A. F. (1975). Coding of temporal-spatial patterns in short-term memory. *Journal of Verbal Learning and Verbal Behavior*, **14**, 481-495.

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- Healy, A. F., Schneider, V. I., & Barshi, I. (2015). Specificity and transfer in learning how to follow navigation instructions. In J. G. W. Raaijmakers, A. H. Criss, R. L. Goldstone, R. M. Nosofsky, & M. Steyvers (Eds.), *Cognitive modeling in perception and memory: A Festschrift for Richard M. Shiffrin* (pp. 259-273). New York: Psychology Press.
- Healy, A. F., Tack, L. A., Schneider, V. I., & Barshi, I. (2015). Training specificity and transfer in time and distance estimation. *Memory & Cognition*, **43**, 736-747.
- Schneider, V. I., Healy, A. F., Barshi, I., & Bourne, L. E., Jr. (2015). Effects of difficulty, specificity, and variability on training to follow navigation instructions. *Psychonomic Bulletin & Review*, **22**, 856-862.

- Chapman, M. J., Healy, A. F., & Kole, J. A. (2016). Memory load as a cognitive antidote to performance decrements in data entry. *Memory*, *24*, 1182-1196.
- Raymond, W. D., Brown, E. L., & Healy, A. F. (2016). Cumulative context effects and variant lexical representations: Word use and English final t/d deletion. *Language Variation and Change*, *28*, 175-202.
- Sherwood, D. E., Lohse, K. R., & Healy, A. F. (2016). Direction and relevance of the focus of attention in dart throwing with and without concurrent visual feedback. *Journal of Motor Learning and Development*, *4*, 248-261.
- Tao, L., & Healy, A. F. (2016). Psycholinguistics: Reading Chinese. In S. Chan (Ed.), *The Routledge encyclopedia of the Chinese language* (pp. 685-705). Abingdon, UK: Routledge.
- Bowles, A. R., & Healy, A. F. (2017). Training and transfer of word identification: Foreign language speech rate. *Journal of Applied Research in Memory and Cognition*, *6*, 253-259.
- Healy, A. F., Jones, M., Lalchandani, L., & Tack, L. A. (2017). Timing of quizzes during learning: Effects on motivation and retention. *Journal of Experimental Psychology: Applied*, *23*, 128-137.
- Healy, A. F., & Zangara, T. K. (2017). Examining misses in reading aloud repeated words. *Quarterly Journal of Experimental Psychology*, *70*, 373-377.
- Hoover, J. D., & Healy, A. F. (2017). Algebraic reasoning and bat-and-ball problem variants: Solving isomorphic algebra first facilitates problem solving later. *Psychonomic Bulletin & Review*, *24*, 1922-1928.
- Overstreet, M. F., Healy, A. F., & Neath, I. (2017). Further differentiating item and order information in semantic memory: students' recall of words from the "CU Fight Song," Harry Potter book titles, and Scooby Doo theme song. *Memory*, *25*, 69-83.
- Raymond, W. D., & Healy, A. F. (2017). Breaking into the mind: George A. Miller's early work in the *American Journal of Psychology*. *American Journal of Psychology*, *130*, 269-282.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. (in press). Does spatial information impact immediate verbatim recall of verbal navigation instructions? *Psychonomic Bulletin & Review*.
- Sherwood, D. E., Lohse, K. R., & Healy, A. F. (in press). Cognitive load and dual-task performance in dart-throwing. *Journal of Motor Learning and Development*.

8. Service other than teaching and research:

a. At Yale

Member, Executive Committee of Yale College, 1978-1979

Member, Yale College Course of Study Committee, spring 1975, 1975-1976, 1976-1977
 Graduate Advisor, Phi Beta Kappa, Alpha of Connecticut, 1979-1980
 Fellow of Silliman College, January, 1974-1981
 Freshman Advisor, Silliman College, 1974-1975, 1975-1976, 1976-1977, 1978-1979, 1979-1980
 Sophomore Advisor, Yale College, 1979-1980
 Search Committee for Dean of Silliman College, 1979
 Coordinator, Introductory Psychology Subject Pool, 1979-1980
 Admissions Committee, Department of Psychology, 1974, 1976, 1978
 Psychology Department/Linguistics Department Psycholinguistics Search Committee, 1979
 Psychology Department Developmental Search Committee, 1978
 Psychology Department Search Committee for Behavioral Genetics, 1974-1975
 Psychology Department Theme Committee, 1976, 1977, 1978, 1980
 Psychology Department Subject Pool Committee, 1973-1974, 1974-1975, 1975-1976, 1976-1977, 1978-1979

b. At Colorado

Admissions Chair, Experimental or Cognitive Psychology, 1980-1981, 1981-1982, 2006-2007, 2007-2008.
 Member, Minority Affairs Committee, 1981-1985.
 Chair, Minority Affairs Committee, 1985-1986.
 Secondary Member, Quantitative Psychology Area, 1981-1982.
 Member, Committee to Evaluate Reappointment of A. Ericsson, 1981.
 Member, Political Science Department Recruitment Committee for International Relations, 1981.
 Member, Graduate School Foundation Fund Committee, 1982.
 Faculty Advisor, College Freshmen Orientation Program, 1982, 1983, 1984, 1985, 1986, 1987.
 Faculty Advisor, College Spring Orientation Program, 1986.
 Subject Pool Coordinator and Chair, Human Research Committee, Department of Psychology, 1982-1984.
 Member, Executive Committee, Institute of Cognitive Science, 1982-1984, 1985-1987, 1993-1994, 1997-1998, 2000-2001, 2004-2006, ex-officio, 2006-present.
 Member, Fulbright Fellowship Advisory Committee, University of Colorado, 1982.
 Invited Speaker, Spring Seminar in Political and Economic Change, Institute of Behavioral Science, February 10, 1983.
 Invited Speaker, Linguistic Circle, April 11, 1983.
 Invited Speaker, Center for Research on Judgment and Policy, Interdisciplinary Seminar, May 3, 1983.
 Director, Cognitive Psychology Program, Psychology Department, September, 1983-September, 1985; July, 1989-August, 1991, July, 1997-June, 1999, August 2000-August 2001, August 2015-present.
 Member, ICS-Linguistics Department Faculty Search Committee, 1983-1984.

Member, Clinical Search Committee, Psychology Department, 1983-1984.
Member, Search committee for the Director of CRJP,
Psychology Department, 1984-1985.
Member, Committee to evaluate tenure for J. Werner,
Psychology Department, 1984.
Chair, Post-tenure review committee to evaluate E. Crothers,
Psychology Department, 1985, 1992.
Chair, Committee to evaluate G. Bradshaw for reappointment,
Psychology Department, 1985.
Member, Post-tenure review committee to evaluate S. Sharpless,
Psychology Department, 1986.
Member, Human Research Committee, The Graduate School, 1986-1987,
1993-1994.
Member, Committee on Undergraduate Education,
Psychology Department, 1986-1987.
Member, Accountability Committee, Psychology Department, 1987, 1989, 1991.
Member, Post-tenure review committee to evaluate E. Fifkova,
Psychology Department, 1987.
Co-author, Poster Presentation, Boulder Gerontology Interest Group
Conference. Boulder, Colorado, April 14, 1987.
Chair, Committee to evaluate G. Bradshaw for reappointment,
Psychology Department, 1988.
Member, Jacobs Scholarship Committee, Psychology Department, 1989.
Member, Committee on Teaching Assessment and Assistance,
Psychology Department, 1989-1991, 1993-1994.
Member, Salary Committee (Committee on Faculty Merit Review,
Psychology Department, 1990-1991, 1997-1999, 2003-2015, 2016.
Co-Chair, Salary Committee, Psychology Department, 1991-1992.
Chair, Committee to evaluate G. Bradshaw for promotion and tenure,
Psychology Department, 1990.
Member, Space Committee, Psychology Department, 1991-1993.
Member, Reappointment Committee for James Martin and Michael Mozer,
Institute of Cognitive Science, 1991.
Chair, Post-tenure review committee to evaluate L. Bourne, Psychology
Department, 1992.
Chair, Awards committee, Psychology Department, 1992-1994.
Member, Search Committee for Behavioral Neuroscientist, Psychology
Department, 1992.
Chair, Post-tenure review committee to evaluate S. Maier, Psychology
Department, 1993.
Member, Committee to Evaluate R. Spencer for reappointment, Psychology
Department, 1995.
Member, Committee to Evaluate L. Ramig for promotion to Full Professor,
Department of Communication Disorders and Speech Sciences, 1995.
Member, Psychology Department Self-Study Committee, 1996.
Member, Committee to Evaluate L. Watkins for promotion to tenure,
Psychology Department, 1996.
Member, Search Committee for Clinical Psychologist, Psychology
Department, 1996-1997.
Volunteer, New Student Outreach Calling Project, 1996.

Director, Undergraduate Certificate Program in Cognitive Science, Institute of Cognitive Science, 1997-2001.
 Member, Committee to Evaluate L. Craighead for promotion to Full Professor, Psychology Department, 1997.
 Member, Committee to Evaluate B. Park for promotion to Full Professor, Psychology Department, 1998.
 Co-Chair, External Dean's Review Committee, School of Education, 1998-1999.
 Academic Programs Director, Institute of Cognitive Science, 1999-2001.
 Chair, Academic Programs Committee, Institute of Cognitive Science, 1999-2001.
 Member, Self Study Committee, Institute of Cognitive Science, 1999-2000.
 Associate Chair, Search Committee for two Cognitive Psychologists, Psychology Department, 1999-2000.
 Member, Post-Tenure Review Committee, Department of Psychology, 2000, 2003-2004; Chair, Post-Tenure Review Committee, 2004-2005.
 Member, Career Management and Faculty Retention Issues, Ad Hoc Committee, Arts and Sciences Council, 2000-2001.
 Chair, Committee to evaluate A. Miyake for promotion and tenure, 2001.
 Supervisor, Human Research Coordinator, Department of Psychology, 2002-2004.
 Member, People Subcommittee, Self-Study, Department of Psychology, 2003.
 Member, Department-Institute Relationships Committee, Department of Psychology, 2005.
 Member, Search Committee for Cognitive Psychologist, Institute of Cognitive Science, 2004-2006.
 Director, Center for Research on Training, 2006-present.
 Member, Search Committee for Cognitive Psychologist, Department of Psychology, 2006-2007.
 Member, Committee to evaluate Y. Munakata, for promotion, 2006.
 Member, Committee to evaluate S. Patterson, for reappointment, 2007.
 Chair, Committee to evaluate R. O'Reilly, for promotion, 2007.
 Chair, Committee to evaluate T. Curran, for promotion, 2008.
 Member, Arts and Sciences College Scholar Awards Committee, 2008, 2010, 2011, 2012, 2013.
 Chair, Committee to evaluate A. Miyake, for promotion, 2009.
 Member, Personnel Infrastructure Committee, Department of Psychology and Neuroscience, 2012
 Member, Search Committee for Faculty Member in Computational Approaches to Cognitive Processes, Institute of Cognitive Science, 2012.
 Member, Search Committee for Faculty Member in Computational Approaches to Cognitive and/or Affective Neuroscience, Institute of Cognitive Science, 2013.
 Member, faculty and staff promotion review panel for Marissa Meyer, 2013.
 Class visit evaluations for Tor Wager, 2013, for Bernadette Park, 2014, for Natalie Smutzler, 2014, and for Sona Dimidjian, 2017.
 Law School brainstorm session, Legal Innovation Lab, 2013.
 Member, Committee to evaluate L. Van Boven, for promotion, 2013.
 Member, Committee to evaluate L. Michaelis-Cummings, for promotion, Department of Linguistics, 2013.
 Member, Search Committee for Director of the Honors Program, College of Arts

and Sciences, 2014.
 Member, Committee to evaluate I. Blair, for promotion, 2014.
 Member, Human Research Committee, Department of Psychology and Neuroscience, 2014-2015, 2016
 Member, Search Committee, target of opportunity, Department of Psychology and Neuroscience, 2014
 Colloquium presented at the Discipline-Based Educational Research (DBER) Seminar, February 4, 2015.
 Member, Search Committees, Psychology and Neuroscience, Business Office Manager and Payroll and Personnel Specialist Position, 2015
 Member, Strategic Planning Committee, Department of Psychology and Neuroscience, 2016
 Member, Committee to evaluate J. Gruber, for promotion, 2016
 Member, Committee to evaluate S. Dimidjian, for promotion, 2017

c. Outside Yale and Colorado

Conference Papers:

- Healy, A. F. Phonemic coding in short-term memory. Invited paper. Psycholinguistics Circle of New York. New York, New York, February 12, 1974. (Abstract: *Journal of Psycholinguistics Research*, 1975, 4, 282.)
- Healy, A. F., & Jones, C. Evaluation of alternative criterion indices in memory tasks. 7th Annual Mathematical Psychology Meetings, Ann Arbor, Michigan, August 28-29, 1974.
- Kubovy, M., & Healy, A. F. Decision rules in a numerical analogue of signal detection. Eastern Psychological Association, 47th Annual Meeting. New York, New York, April 22, 1976.
- Kubovy, M., & Healy, A. F. Learning models in probabilistic categorization. 9th Annual Mathematical Psychology Meetings. New York, New York, September 1, 1976.
- Healy, A. F., & Kubovy, M. The effect of prior probabilities on beta in recognition memory and numerical decision. 17th Annual Meeting of the Psychonomic Society. St. Louis, Missouri, November 11-13, 1976.
- Healy, A. F. A model for the short-term recall of spatial order information. 10th Annual Mathematical Psychology Meetings. Los Angeles, California, August 22-24, 1977.
- Healy, A. F., & Levitt, A. G. The relative accessibility of semantic and deep structure syntactic concepts. 18th Annual Meeting of the Psychonomic Society. Washington, DC, November 10-12, 1977.
- Healy, A. F., Repp, B. H., & Crowder, R. G. Effects of interstimulus interval on identification and discrimination of isolated vowels. 95th Meeting of the Acoustical Society of America, Providence, Rhode Island, May 16, 1978.

- Kubovy, M., & Healy, A. F. Process models of probabilistic categorization decisions. Conference on Cognitive Processes in Choice and Decision Behavior. Quail Roost, North Carolina, June 22-24, 1978.
- Healy, A. F., & Kubovy, M. The effects of payoffs and prior probabilities on indices of performance and cutoff location in recognition memory. 11th Annual Mathematical Psychology Meetings. Hamilton, Ontario, Canada. August 25-27, 1978.
- Healy, A. F. Proofreading errors on the word *the*: New evidence on reading units. 19th Annual Meeting of the Psychonomic Society. San Antonio, Texas, November 9-11, 1978.
- Healy, A. F., & Levitt, A. G. Accessibility of the voicing distinction. 20th Annual Meeting of the Psychonomic Society. Phoenix, Arizona, November 8-10, 1979.
- Healy, A. F., & Kubovy, M. Probability matching and the formation of conservative decision rules. 13th Annual Mathematical Psychology Meetings. Madison, Wisconsin, August 28-30, 1980.
- Healy, A. F. The effect of visual similarity on proofreading for misspellings. 21st Annual Meeting of the Psychonomic Society. St. Louis, Missouri, November 13-15, 1980.
- Drewnowski, A., & Healy, A. F. Phonemic factors in letter detection: A reevaluation. Sixth Annual Interdisciplinary Conference. Park City, Utah, January 19-23, 1981.
- Healy, A. F., & Drewnowski, A. Detection with misspellings: A new procedure to investigate reading units. 22nd Annual Meeting of the Psychonomic Society. Philadelphia, Pennsylvania, November 12-14, 1981.
- Nairne, J., & Healy, A. F. Counting backwards produces systematic errors: Short-term memory processes in counting. Invited address. Annual Workshop in Human Learning, Memory, and Cognition, 1982 Rocky Mountain Psychological Association convention. Albuquerque, New Mexico, April 28-May 1, 1982.
- Healy, A. F., Oliver W., & McNamara, T. P. Detecting letters in continuous text: Effects of display size. 23rd Annual Meeting of the Psychonomic Society. Minneapolis, Minnesota, November 11, 1982.
- Proctor, J. D., & Healy, A. F. A secondary task analysis of a word inferiority effect. Southeastern Psychological Association Convention. Atlanta, Georgia, March, 1983.
- Healy, A. F., Cunningham, T., & Williams, D. The effects of repetition on short-term retention. Invited Symposium on Quantitative Models of Memory. 16th Annual Mathematical Psychology Meeting, August 11-13, 1983.

- Chen, H.-C., Healy, A. F., & Bourne, L. E. Effects of text display complexity on reading comprehension. 24th Annual Meeting of the Psychonomic Society. San Diego, California, November 17-19, 1983.
- Healy, A. F., Volbrecht, V. J., & Nye, T. R. The effects of perceptual condition on proofreading for misspellings. 24th Annual Meeting of the Psychonomic Society. San Diego, California, November 17-19, 1983.
- Proctor, R. W., & Healy, A. F. Order-relevant and order-irrelevant decision rules in multiletter matching. 24th Annual Meeting of the Psychonomic Society, San Diego, California, November 17-19, 1983.
- Conboy, G. L., Healy, A. F., & Drewnowski, A. Characterizing the perceptual unit of reading in a letter detection task. 1984 Annual Convention of the Rocky Mountain Psychological Association, Las Vegas, Nevada, April, 1984.
- Healy, A. F., & Nairne, J. S. Short-term memory processes in counting. 25th Annual Meeting of the Psychonomic Society, San Antonio, Texas, November 8-10, 1984.
- Cunningham, T. F., Healy, A. F., & Willitts, R. L. Investigating the boundaries of reading units across ages. Eastern Psychological Association, 56th Annual Meeting. Boston, MA, March 21-24, 1985.
- Healy, A. F., & Goldman, H. B. Phonetic factors in reading: Evidence from a letter detection task. Invited address. 93rd Annual Convention of the A.P.A. Los Angeles, CA, August 25, 1985.
- Healy, A. F., Cunningham, T. F., Till, R. E., & Fendrich, D. W. Effects of cuing on short-term retention of order information. 26th Annual Meeting of the Psychonomic Society. Boston, MA, November 24, 1985.
- Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E., Jr. War cues and conflictual foreign policy acts: A laboratory experiment. Paper presented at the 9th Annual Scientific Meeting of the International Society for Political Psychology. Amsterdam, Netherlands, June 29-July 3, 1986.
- McNamara, T. P., & Healy, A. F. Mediated priming in reading and lexical decisions. Paper presented at the 19th Annual Mathematical Psychology Meetings. Cambridge, Massachusetts, August 19-21, 1986.
- Till, R. E., Healy, A. F., Bourne, L. E., & Cunningham, T. F. Age differences in item, temporal, and spatial short-term memory. Paper presented at the 94th Annual Convention of the A.P.A. Washington, DC, August 22-26, 1986.
- Cunningham, T. F., & Healy, A. F. The effect of word shape on proofreading for misspellings. 27th Annual Meeting of the Psychonomic Society. New Orleans, Louisiana, November 14, 1986.

- Crutcher, R., & Healy, A. F. Cognitive operations and the generation effect. Invited paper, Symposium on Recent Advances in Experimental Cognitive Psychology. 1987 Annual Rocky Mountain Psychological Association Convention. Albuquerque, New Mexico, May 1, 1987.
- Hadley, J., & Healy, A. F. The missing scan estimate of immediate memory span: A method revisited. Paper presented at the 1987 Annual Rocky Mountain Psychological Association Convention. Albuquerque, New Mexico, April 30, 1987.
- Neal, M. M., & Healy, A. F. The generation effect with nonwords: Implications for representation in memory. Paper presented at the 1987 Annual Rocky Mountain Psychological Association Convention. Albuquerque, New Mexico, May 1, 1987.
- Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Nashville, Tennessee, May, 1987.
- Cunningham, T. F., Healy, A. F., & Kanengiser, N. Investigating the size of reading units across ages. Paper presented at the 95th Annual Convention of the American Psychological Association. New York, August, 1987.
- Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E., Jr. War cues and conflictual foreign policy acts: A laboratory experiment. American Political Science Association. Chicago, Illinois, September, 1987.
- Healy, A. F., Fendrich, D. W., & Proctor, J. D. The effects of training on letter detection. Paper presented at the 28th Annual Meeting of the Psychonomic Society. Seattle, Washington, November 6, 1987.
- Healy, A. F., Cunningham, T. F., & Chizzick, L. Developmental investigation of reading unit size. Paper presented at the 28th Annual Meeting of the Psychonomic Society. Seattle, Washington, November 6, 1987.
- Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Champaign, Illinois, March, 1988.
- Proctor, J. D., Healy, A. F., & Fendrich, D. W. The disappearance of a word inferiority effect: Strategy shift or perceptual effect? Paper presented at the 34th Annual Meeting of the Southeastern Psychological Association. New Orleans, Louisiana, March 31-April 1, 1988.
- Meiskey, L., Healy, A. F., Ellingwood, R. W., & Bourne, L. E. Long-term retention of algebra. Paper presented at the 1988 Annual Rocky Mountain Psychological Association Convention. Snowbird, Utah, April 22, 1988.

- Park, A., Park, K., Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E. War cues and foreign policy acts: A South Korean replication. American Political Science Association, Washington, DC August, 1988.
- Fendrich, D. W., Healy, A. F., & Bourne, L. E. Long-term retention of procedural and episodic memory for digits. Paper presented at the 29th Annual Meeting of the Psychonomic Society. Chicago, Illinois, November 11, 1988.
- Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Ft. Gordon, Georgia, March, 1989.
- Gesi, A. T., Fendrich, D. W., Healy, A. F., & Bourne, L. E. Episodic and procedural memory for digit sequences. Paper presented at the Joint Annual Convention of the Western Psychological Association and the Rocky Mountain Psychological Association. Reno, Nevada, April 27, 1989.
- Healy, A. F. The long-term retention of skills. Invited address presented at the 97th Annual Convention of the American Psychological Association. New Orleans, Louisiana, August 12, 1989.
- Serwatka, M., & Healy, A. F. The count-mass distinction in a mental grammar. Paper presented at the 30th Annual Meeting of the Psychonomic Society. Atlanta, Georgia, November 19, 1989.
- Cunningham, T. F., Healy, A. F., & Kent, P. Reading ability and phonetic short-term memory in second graders. Paper presented at the 30th Annual Meeting of the Psychonomic Society. Atlanta, Georgia, November 19, 1989.
- Fendrich, D. W., Healy, A. F., & Bourne, L. E. Training and retention of simple mental multiplication. Poster presented at the 30th Annual Meeting of the Psychonomic Society. Atlanta, Georgia, November 17, 1989.
- Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Princeton, New Jersey, March, 1990.
- Beer, F. A., Ringer, J. F., Healy, A. F., Sinclair, G. P., & Bourne, L. E. Ranking international cooperation and conflict events. Paper presented at the 86th Annual Meeting of the American Political Science Association, San Francisco, California, August 29-September 2, 1990.
- Schneider, V. I., Healy, A. F., & Gesi, A. T. The role of phonetic processes in letter detection: A reevaluation. Paper presented at the 31st Annual Meeting of the Psychonomic Society, New Orleans, Louisiana, November 17, 1990.
- Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Pittsburgh, Pennsylvania, March 12, 1991.

McNamara, D. S., & Healy, A. F. A generation advantage with difficult multiplication problems: A procedural explanation. Paper presented at the Rocky Mountain Psychological Association Convention, Denver, Colorado, April 26, 1991.

Schneider, V. I., Healy, A. F., Ericsson, K. A., & Bourne, L. E. Practice schedules: Their effects on acquisition and tests of a cognitive task. Paper presented at the Rocky Mountain Psychological Association Convention, Denver, Colorado, April 26, 1991.

Healy, A. F. Cognitive processes in reading text. Invited address scheduled to be presented at the 99th Annual Convention of the American Psychological Association. San Francisco, California, August 18, 1991. Presentation cancelled due to illness.

Till, R. E., Healy, A. F., Cunningham, T. F., & Bourne, L. E. Short-term memory for item, temporal, and spatial information in young and elderly. Paper presented at the 32nd Annual Meeting of the Psychonomic Society. San Francisco, California, November 23, 1991.

McNamara, D. S., & Healy, A. F. A generation advantage for multiplication skill and nonword vocabulary acquisition. Paper presented at the 32nd Annual Meeting of the Psychonomic Society. San Francisco, California, November 24, 1991.

Cunningham, T. F., Healy, A. F., Till, R. E., Fendrich, D. W., & Dimitry, C. Z. Isolating primary memory processes: Expectancy and item value in recall. Paper presented at the 32nd Annual Meeting of the Psychonomic Society. San Francisco, California, November 24, 1991.

Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Winter Park, Florida, February 28, 1992.

Tao, L., & Healy, A. F. Cognitive strategies in discourse processing: A comparison of Chinese and English speakers. First International Conference on Chinese Linguistics. Singapore, June 24-26, 1992.

Healy, A. F., Ericsson, K. A., & Bourne, L. E. Optimizing the long-term retention of skills. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Alexandria, Virginia, February 6-8, 1993.

Clawson, D. M., Healy, A. F., Ericsson, K. A., & Bourne, L. E. Acquisition and retention of Morse code reception: Part-whole training. Paper presented at the Joint Annual Convention of the Western Psychological Association and the Rocky Mountain Psychological Association. Phoenix, Arizona, April 22, 1993.

Proctor, J. D., & Healy, A. F. The effects of practice on the word frequency disadvantage in letter detection. Paper presented at the Annual Convention of the Midwestern Psychological Association. Chicago, Illinois, April 30, 1993.

- Clawson, D. M., King, C. L., Healy, A. F., & Ericsson, K. A. Specificity of practice effects in the classic Stroop color-word task. Paper presented at the Fifteenth Annual Meeting of the Cognitive Science Society. Boulder, Colorado, June 18-21, 1993.
- Buck-Gengler, C. J., & Healy, A. F. Letter detection in German silent reading: Issues of unitization and syllable-final devoicing. Poster presented at the Fifteenth Annual Meeting of the Cognitive Science Society. Boulder, Colorado, June 18-21, 1993.
- Marmie, W. R., Rully, G. R., & Healy, A. F. On the long-term retention of studied and unstudied U.S. coins. Poster presented at the Fifteenth Annual Meeting of the Cognitive Science Society. Boulder, Colorado, June 18-21, 1993.
- Moravcsik, J. E., & Healy, A. F. The effect of meaning on letter detection. Paper presented at the 34th Annual Meeting of the Psychonomic Society. Washington, DC, November 7, 1993.
- Healy, A. F., & Bourne, L. E., Jr. Towards the improvement of training in foreign languages. Paper presented at the U.S. Army Research Institute Contractors' Meeting. Alexandria, Virginia, March, 1994.
- Beer, F. A., Sinclair, G. P., Healy, A. F., & Bourne, L. E., Jr. Peace agreement, intransigent conflict, escalation trajectory: A psychological laboratory experiment. Paper presented at the Annual Meeting of the International Studies Association. Washington, DC, March, 1994.
- Moravcsik, J. E., & Healy, A. F. Does syntactic role affect letter detection? Paper presented at the Sixty-fourth Annual Convention of the Rocky Mountain Psychological Association. Las Vegas, Nevada, April 22, 1994.
- Mason, J. D., Healy, A., & Marmie, W. R. The effects on recall and recognition of simple and complex numbers in accounting problems. Paper presented at the 29th annual meeting of the Western American Accounting Association, Portland, OR, May 5-7, 1994.
- Beer, F. A., Sinclair, G. P., Healy, A. F., & Bourne, L. E., Jr. Peace agreement, intractable conflict, escalation trajectory: A laboratory experiment. Paper presented at the 17th Annual Scientific Meeting of the International Society of Political Psychology, Galicia, Spain, July 12-15, 1994.
- Healy, A. F., King, C. L., & Sinclair, G. P. Maintenance of knowledge about temporal, spatial, and item information: Memory for course schedules and word lists. Paper presented at the third Practical Aspects of Memory Conference, College Park, MD, July 31-August 5, 1994.
- Beer, F. A., Sinclair, G. P., Healy, A. F., & Bourne, L. E., Jr. Intransigent conflict, peace settlement, escalation trajectory: A psychological laboratory experiment.

- Paper presented at the 102nd Annual Meeting of the American Psychological Association, Los Angeles, CA, August 12-16, 1994.
- Proctor, J. D., & Healy, A. F. Specificity and durability of practice effects for letter detection in prose. Paper presented at the 35th Annual Meeting of the Psychonomic Society. St. Louis, MO, November 11, 1994.
- Healy, A. F., & Sherrod, N. B. The/Ther pronunciation distinction: A local model of linguistic categories. Paper presented at the 35th Annual Meeting of the Psychonomic Society. St. Louis, MO, November 13, 1994.
- Buck-Gengler, C., & Healy, A. F. Letter detection in German silent reading. Poster presented at the 69th Annual Meeting of the Linguistic Society of America. New Orleans, LA, January 7, 1995.
- Healy, A. F. Towards the improvement of training in foreign languages. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, March 26, 1995.
- Bartsch, R. A., & Healy, A. F. 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, Colorado, April 21, 1995.
- Cunningham, T. F., Healy, A. F., & Marmie, W. R. A negative generation effect: An analysis of serial order reconstruction in immediate memory. Invited paper presented in the Ellis-Battig Memory Symposium at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado, April 22, 1995.
- Healy, A. F. 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, Colorado, April 22, 1995.
- Marmie, W. R., & Healy, A. F. The long-term retention of a complex skill. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado, April 21, 1995.
- McNamara, D. S., & Healy, A. F. A procedural explanation of the generation effect. Invited paper presented in the Ellis-Battig Memory Symposium at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado, April 22, 1995.
- Moravcsik, J. E., Healy, A. F. Highlighting important words leads to poorer comprehension. Paper presented at the Sixty-fifth Annual Convention of the Rocky Mountain Psychological Association, Boulder, Colorado, April 21, 1995.
- Tao, L., Healy, A. F., & Bourne, L. E., Jr. 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, April 21, 1995.
- Tao, L., & Healy, A. F. 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, July 25, 1995.
- Cunningham, T. F., Healy, A. F., & Marmie, W. R. Distinctiveness and generation in short-term recall of order information. Paper presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California, November 10, 1995.
- Tao, L., Healy, A. F., & Bourne, L. E., Jr. Unitization in second-language learning: Evidence from letter detection. Poster presented at the 36th Annual Meeting of the Psychonomic Society, Los Angeles, California, November 11, 1995.
- Bennett, E. M., Ramig, P. R., & Healy, A. F. Confrontation naming in stuttering and nonstuttering adults: Preliminary findings. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, Florida, December 9, 1995.
- Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E., Jr. Decision science in complex societies: Psychological experiments on international conflict and cooperation. Paper presented in the session on Science of Decision Making in a Complex World at the 1996 AAAS Annual Meeting and Science Innovation Exposition, Baltimore, Maryland, February 11, 1996.
- Healy, A. F. Towards the improvement of training in foreign languages. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, March 29, 1996.
- Healy, A. F., Havas, D. S., & Parker, J. T. 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, April 12, 1996.
- Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E., Jr. Decision science in complex societies: Psychological experiments on international conflict and cooperation. Paper presented at the 1996 International Studies Association Conference, San Diego, California, April 19, 1996.
- Smith, R. W., & Healy, A. F. Time-course of the generation effect. Paper presented at the 8th Annual Convention of the American Psychological Society. San Francisco, California, July 1, 1996.
- Healy, A. F., & Bourne, L. E., Jr. The durability and specificity of knowledge and skills. Paper presented at the 2nd International Conference on Memory. Abano Terme, Padova, Italy, July 15, 1996.

- Tao, L., & Healy, A. F. Transfer of reference tracking strategies from Chinese to English. Paper presented at the 37th Annual Meeting of the Psychonomic Society. Chicago, Illinois, November 3, 1996.
- Healy, A. F., & Bourne, L. E., Jr. The durability and specificity of knowledge and skills. Paper presented at the session on Science of Memory in a Complex World at the 1997 AAAS Annual Meeting and Science Innovation Exposition. Seattle, Washington, February 15, 1997.
- Healy, A. F., & Bourne, L. E., Jr. Optimizing the durability and generalizability of knowledge and skills. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, March 21, 1997.
- Buck-Gengler, C., & Healy, A. F. 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, April 18, 1997.
- Lenell, E. A., Healy, A. F., & Bourne, L. E., Jr. The effects of marriage and gender on responses to domestic hostility. Paper presented at the 67th Annual Rocky Mountain Psychological Association Convention, Reno, Nevada, April 18, 1997.
- Healy, A. F. 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, Colorado, July 12, 1997.
- Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E., Jr. Decision science in complex societies: Psychological laboratory experiments on international political conflict and cooperation. Paper presented at the meeting of the International Society of Political Psychology, Jagiellonian University, Krakow, Poland, July 21-24, 1997.
- Buck-Gengler, C. J., & Healy, A. F. Voicing assimilation during silent reading. Poster presented at the 19th Annual Conference of the Cognitive Science Society, Stanford, California, August 9, 1997.
- Beer, F. A., Healy, A. F., Sinclair, G. P., & Bourne, L. E., Jr. Decision science in complex societies: Psychological laboratory experiments on international political conflict and cooperation. Paper presented at the Seventeenth World Congress of the International Political Science Association, Seoul, South Korea, August 17-21, 1997.
- Bennett, E., Ramig, P., & Healy, A. F. 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, August 20, 1997. (Abstract in *Journal of Fluency Disorders*, **22**, 119-120.)

- Barshi, I., & Healy, A. F. The cost of mentally representing three versus two spatial dimensions. Paper presented at the 38th Annual Meeting of the Psychonomic Society. Philadelphia, Pennsylvania, November 22, 1997.
- Healy, A. F., & Bourne, L. E., Jr. Optimizing the durability and generalizability of knowledge and skills. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, March 6, 1998.
- Brega, A. G., & Healy, A. F. Sentence interference in the Stroop task. Paper presented at the Annual Meeting of the Society of Experimental Psychologists. Laguna Beach, California, March 28, 1998.
- Raymond, W. D., Fisher, J. A., Healy, A. F., & Bourne, L. E., Jr. 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, April 16-19, 1998.
- Bess, T. L., McNamara, D. S., & Healy, A. F. The generation effect: Problem type and strategy use. Paper presented at the 76th Annual Virginia Academy of Science Conference, Fairfax, VA, May 28, 1998.
- Cunningham, T. F., & Healy, A. F. Recall of order information: Evidence requiring a dual-storage memory model. Poster presented at the International Conference on Short-Term/Working Memory, Quebec City, Canada, June 4-7, 1998.
- Healy, A. F. Optimizing the speed, durability, and transferability of training. Invited keynote address presented at the 21st Army Science Conference. Norfolk, Virginia, June 16, 1998.
- Buck-Gengler, C. J., & Healy, A. F. Underlying processes in the repetition priming effect in data entry. Paper presented at the 39th Annual Meeting of the Psychonomic Society. Dallas, Texas, November 21, 1998.
- Healy, A. F., Cunningham, T. F., & Healy, C. A. Even third graders use reading units larger than the word. Poster presented at the 39th Annual Meeting of the Psychonomic Society. Dallas, Texas, November 20, 1998.
- Proctor, J. D., & Healy, A. F. Letter and word accessibility: Implications for word frequency effect theories. Poster presented at the 39th Annual Meeting of the Psychonomic Society. Dallas, Texas, November 20, 1998.
- Tao, L., & Healy, A. F. The unitization effect in reading Chinese and English texts. Paper presented at the International Workshop on Written Language Processing. Sydney, Australia, December 7-9, 1998.
- Raymond, W. D., Fisher, J. A., Healy, A. F., & Bourne, L. E., Jr. 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, January 9, 1999.

- Cunningham, T. F., & Healy, A. F. Recall of order information: Evidence requiring a dual-storage memory model. Invited paper presented at the 45th Annual Meeting of the Southeastern Psychological Association. Savannah, Georgia, March 20, 1999.
- Bowles, A. R., & Healy, A. F. 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, April 16, 1999.
- Healy, A. F., & Bourne, L. E., Jr. Optimizing the durability and generalizability of knowledge and skills. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, May 21, 1999.
- Wager, T. D., Healy, A. F., & Greenberg, A. Articulatory suppression enhances the word imageability effect in free recall. Poster presented at the 11th Annual Convention of the American Psychological Society. Denver, Colorado, June 3, 1999.
- Healy, A. F., & Parker, J. T. Serial position effects in semantic memory: Reconstructing the order of the United States presidents and vice presidents. Invited paper presented at the Festschrift in Honor of Robert G. Crowder. New Haven, Connecticut, June 11-12, 1999.
- Van Overschelde, J. P., & Healy, A. F. 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, July 9, 1999.
- Healy, A. F. 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, November 12, 1999.
- LaVoie, N., Bourne, L. E., Jr., & Healy, A. F. Memory seeding: Representations underlying quantitative estimation. Poster presented at the 40th Annual Meeting of the Psychonomic Society. Los Angeles, California, November 18, 1999.
- Van Overschelde, J. P., & Healy, A. F. Learning of new facts by high- and low-knowledge participants. Paper presented at the 40th Annual Meeting of the Psychonomic Society. Los Angeles, California, November 19, 1999.
- Healy, A. F. Exploring the unitization hypotheses as a model of skilled reading. Invited talk presented in the Converging on Cognition colloquium series, Institute of Cognitive Science, University of Colorado, Boulder, Colorado, February 4, 2000 (Richard Olson and Michael Mozer, Discussants).

- Healy, A. F., & Bourne, L. E., Jr. Optimizing the speed, durability, and transferability of training. Invited report presented at the Army Research Institute In-Process Review Meeting, Ft. Knox, Kentucky, June 1-2, 2000.
- Tao, L., & Healy, A. F. The more you know, the less you see: The unitization effect in reading. Paper presented at the Twelfth North American Conference on Chinese Linguistics (NACCL-12), San Diego, California, June 16-18, 2000.
- Healy, A. F., Hoffman, J. M., Beer, F. A., & Bourne, L. E., Jr. Terrorists and democrats: Individual reactions to international attacks. Paper presented at the 23rd annual scientific meeting of the International Society of Political Psychology, Seattle, Washington, July 1-4, 2000.
- Bowles, A. R., & Healy, A. F. Training and transfer of foreign word identification at three speeds. Poster presented at the 22nd annual meeting of the Cognitive Science Society, Philadelphia, Pennsylvania, August 13-15, 2000.
- Cunningham, T. F., Healy, A. F., & Parker, J. T. Output order and encoding processes in short-term order recall. Poster presented at the 41st annual meeting of the Psychonomic Society, New Orleans, Louisiana, November 16, 2000.
- Parker, J. T., Healy, A. F., & Bourne, L. E., Jr. Training and transfer of duration estimation: The procedural reinstatement framework. Paper presented at the 41st annual meeting of the Psychonomic Society, New Orleans, Louisiana, November 17, 2000.
- Schneider, V. I., Healy, A. F., & Barshi, I. Effects of repeating back instructions on accuracy in following them. Poster presented at the 41st annual meeting of the Psychonomic Society, New Orleans, Louisiana, November 17, 2000.
- Bourne, L. E., Jr., Parker, J. T., Healy, A. F., & Graham, S. M. Strategy transitions and strategy retention in binary classification tasks. Paper presented at the 41st annual meeting of the Psychonomic Society, New Orleans, Louisiana, November 19, 2000.
- Tao, L., & Healy, A. F. Information flow and zero anaphora: Transfer of reference tracking strategies from Chinese to English. Invited paper presented at the Symposium on Automatization and Fluency in Second Language Acquisition at the 2001 American Association for Applied Linguistics (AAAL) Conference, St. Louis, MO, February 24, 2001.
- Bowles, A. R., & Healy, A. F. 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, Nevada, April 21, 2001.
- Goldberg, M. D., & Healy, A. F. The effects of attention on memory in the Stroop task. Paper presented at the 71st annual convention of the Rocky Mountain Psychological Association, Reno, Nevada, April 20, 2001.

Healy, A. F. Optimizing the speed, durability, and transferability of training. Invited Battig Memorial Lecture presented at the 71st annual convention of the Rocky Mountain Psychological Association, Reno, Nevada, April 21, 2001.

Kole, J. A., Buck-Gengler, C. J., & Healy, A. F. The effects of articulatory processing on repetition priming in number data entry. Poster presented at the 71st annual convention of the Rocky Mountain Psychological Association, Reno, Nevada, April 21, 2001.

Healy, A. F., & Bourne, L. E., Jr. Optimizing the speed, durability, and transferability of training. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, July 13, 2001.

Buck-Gengler, C. J., Menn, L., & Healy, A. F. Mice trap: A new explanation for irregular plurals in noun-noun compounds. Poster presented at the 23rd annual meeting of the Cognitive Science Society, Edinburgh, Scotland, August 1-4, 2001.

Healy, A. F., Cunningham, T. F., & Parker, J. T. Output order and item distinctiveness in short-term order recall. Invited paper presented in the symposium "Out of Order: The Importance of Order Information in Memory" at the 109th annual convention of the American Psychological Association, San Francisco, CA, August 24, 2001.

Tao, L., & Healy, A. F. 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, August 27-30, 2001.

Gregory, M. L., Jurafsky, D., & Healy, A. F. The role of the hearer in durational shortening. Poster presented at the Seventh Annual Meeting of Architectures and Mechanisms for Language Processing (AMLaP), Saarbreucken, Germany, September 20-22, 2001.

Healy, A. F., Buck-Gengler, C. J., Kole, J. A., & Bourne, L. E., Jr. Effects of prolonged work on data entry speed and accuracy. Paper presented at the 42nd annual meeting of the Psychonomic Society, Orlando, FL, November 18, 2001.

Schneider, V. I., Healy, A. F., & Barshi, I. The relationship between verbal and spatial representations of navigation instructions. Poster presented at the 42nd annual meeting of the Psychonomic Society, Orlando, FL, November 17, 2001.

Greenberg, A., & Healy, A. F. Is rote rehearsal effective for long-term retention? Paper presented at the 72nd annual convention of the Rocky Mountain Psychological Association, Park City, Utah, April 5, 2002.

Buck-Gengler, C. J., Menn, L., & Healy, A. F. *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, Utah, April 5, 2002.
- Schneider, V. I., Healy, A. F., & Bourne, L. E., Jr. Making learning difficult enhances retention and transfer: Extensions and qualifications of the Battig contextual interference principle. Invited paper presented in the Ellis-Battig Memory Symposium at the 72nd annual convention of the Rocky Mountain Psychological Association, Park City, Utah, April 5, 2002.
- Healy, A. F. Optimizing the speed, durability, and transferability of training. Invited paper presented at the Army Research Office Biosciences Workshop, Cashiers, NC, April 22, 2002.
- Tao, L., & Healy, A. F. Language fluency and word frequency: The unitization effect in reading. Paper presented at the joint conference of the Twelfth Annual Meeting of the Society for Text and Discourse and the Society for the Scientific Study of Reading, Chicago, Illinois, June 29, 2002.
- Kole, J. A., Healy, A. F., & Buck-Gengler, C. J. 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, July 18-21, 2002.
- Buck-Gengler, C., Menn, L., & Healy, A. F. What "mice trap" tells us about the mental lexicon. Paper presented at the Third International Conference on the Mental Lexicon, Banff, Alberta, Canada, October 6-8, 2002.
- Tao, L., & Healy, A. F. Usage, automaticity and fusion in language production and processes. Paper presented at the 6th Conceptual Structure, Discourse and Language Conference (CSDL-6), Houston, Texas, October 12-14, 2002.
- Cunningham, T. F., Healy, A. F., Barbierri, C. E., & Kole, J. A. Encoding and distinctiveness effects in short-term recall of order information. Poster presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, Missouri, November 21, 2002.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. Specificity of hand-eye coordination: Training and transfer effects. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, Missouri, November 22, 2002.
- Lynn, A. L., Barshi, I., Healy, A. F., Schneider, V. I., & Holbrook, J. B. When you say what you do, do you do what you say? Interaction between verbal and spatial representations. Poster presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, Missouri, November 21, 2002.
- Schneider, V. I., Healy, A. F., & Barshi, I. Effects of presentation format and repetition on following navigation instructions. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, Missouri, November 22, 2002.

- Healy, A. F., Kole, J. A., Wohldmann, E. L., Buck-Gengler, C. J., Parker, J. T., & Bourne, L. E., Jr. Optimizing the speed, durability, and transferability of training. Invited paper presented at the 4th Tsukuba International Conference on Memory. Human Learning and Memory: Advances in Theory and Application, Tsukuba, Japan, January 12, 2003.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. The verbal representation of navigation instructions depends on the spatial representation. Invited poster presented at the 4th Tsukuba International Conference on Memory. Human Learning and Memory: Advances in Theory and Application, Tsukuba, Japan, January 11-13, 2003.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. 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, April 11, 2003.
- Sumiya, H., & Healy, A. F. The Stroop effect in Japanese-English bilinguals. Paper presented at the 73rd Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 12, 2003.
- Lynn, A. L., Barshi, I., Healy, A. F., Schneider, V. I., & Holbrook, J. B. Cognitive processes in reading back ATC clearances. Paper presented at the 12th International Symposium on Aviation Psychology, Dayton, OH, April 14-17, 2003.
- Krech Thomas, H. A., & Healy, A. F. Reading transfer in second language readers. Paper presented at the 4th International Symposium on Bilingualism, Tempe, Arizona, May 1, 2003.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. 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, May 23, 2003.
- Schneider, V. I., Healy, A. F., & Barshi, I. Factors influencing repeating and following navigation instructions. Paper presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, Canada, November 7, 2003.
- Cunningham, T. F., Healy, A. F., & Kole, J. A. Generation and distinctiveness effects in short-term recall of order information. Poster presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, Canada, November 7, 2003.
- Healy, A. F., & Bourne, L. E., Jr. Training to minimize the decay of knowledge and skills in emergency situations. Invited report presented at the DARWARS PI Meeting, Arlington, Virginia, January 27, 2004.

- Healy, A. F., & Bourne, L. E., Jr. Training for efficient, durable and flexible performance in the military. Invited report presented at the Army Research Institute In-Process Review Meeting, Alexandria, Virginia, January 28, 2004.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. Training on the skill of time estimation: Assessing methods that promote retention and transfer. Invited poster presented in the symposium "Synergies between cognitive psychology and educational research" at the American Educational Research Association Annual Meeting, San Diego, CA, April 14, 2004.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. Following navigation instructions presented verbally and spatially. Poster presented at the 112th annual convention of the American Psychological Association, Honolulu, Hawaii, July 30, 2004.
- Bourne, L. E., Jr., Healy, A. F., & Beer, F. Public reactions to press reports of armed international conflicts. Invited paper presented at the conference War and Peace: Social Psychology Approaches to Armed Conflicts and Humanitarian Issues, Geneva, Switzerland, September 9, 2004.
- Bourne, L. E., Jr., Healy, A. F., Kole, J. A., & Raymond, W. D. Bases for strategy choice and strategy transitions in binary classification tasks. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 21, 2004.
- Cunningham, T. F., Healy, A. F., & Kole, J. A. Familiarity affects reconstructing the order of items in semantic memory. Poster presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 19, 2004.
- Kole, J. A., & Healy, A. F. Using prior knowledge to mediate the acquisition of new information. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 20, 2004.
- Schneider, V. I., Healy, A. F., Barshi, I., & Kole, J. A. The effect of an interpolated task on following navigation instructions. Poster presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 19, 2004.
- Beer, F. A., Healy, A. F., Aylward, A. G., & Bourne, L. E., Jr. Terrorist attacks, media effects, and democratic responses. Paper presented at the 2005 International Studies Association Annual Convention, Honolulu, Hawaii, March 4, 2005.
- Healy, A. F., Cunningham, T. F., Shea, K. M., & Kole, J. A. The effects of familiarity in reconstructing the order of information in semantic and episodic memory. Invited paper presented at the Roddyfest: Directions in Memory Research, Purdue University, West Lafayette, IN, March 25-27, 2005.
- Young, M. D., Healy, A. F., & Bourne, L. E., Jr. Learning French pronoun-verb pairs with contextual interference. Paper presented at the 75th Annual

- Convention of the Rocky Mountain Psychological Association, Phoenix, AZ, April 17, 2005.
- Healy, A. F., & Bourne, L. E., Jr. Training knowledge and skills for the networked battlefield. Report presented at the Training MURI Preliminary Investigators' Meeting, Boulder, CO, May 25, 2005.
- Healy, A. F., & Bourne, L. E., Jr. Training for efficient, durable and flexible performance in the military. Invited report presented at the Army Research Institute In-Process Review Meeting, Arlington, Virginia, August 18, 2005.
- Healy, A. F. Cognitive processes in communication between pilots and air traffic control. Invited Division 3 Presidential Address presented at the 113th Annual Convention of the American Psychological Association, Washington, DC, August 19, 2005.
- Schneider, V. I., Healy, A. F., & Barshi, I. Following navigation instructions: Are movements equally difficult in all directions? Poster presented at the 113th Annual Convention of the American Psychological Association, Washington, DC, August 19, 2005.
- Healy, A. F. Transfer. Invited presentation at the James S. McDonnell Foundation Science of Memory: Concepts Conference. IBM Palisades, New York, September 23, 2005.
- Healy, A. F., & Bourne, L. E., Jr. Training knowledge and skills for the networked battlefield. Invited report presented at the Training MURI Kickoff Meeting, Arlington, Virginia, November 4, 2005.
- Schneider, V. I., Healy, A. F., Barshi, I., & Parker, J. T. Effect of computer display on executing navigation instructions. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 11, 2005.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. Imagine that! Motor imagery enhances repetition priming of sequences. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 12, 2005.
- Bonk, W., & Healy, A. F. Priming effects without semantic or associative links through collocation. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 12, 2005.
- Tao, L., & Healy, A. F. 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, December 9-11, 2005.
- Sumiya, H., & Healy, A. F. 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, December 9-11, 2005.

- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. 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, April 21, 2006.
- Raymond, W. D., Healy, A. F., Rains, J., & Bourne, L. E., Jr. 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, April 21, 2006.
- Healy, A. F. 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, April 22, 2006.
- Gonzalez, C., Fu, W.-T., Healy, A. F., Kole, J. A., & Bourne, L. E., Jr. ACT-R models of training data entry skills. Paper presented at the 15th Conference on Behavior Representation in Modeling and Simulation. Baltimore, MD, May 15-18, 2006. Selected as one of the "Top five papers" of the conference.
- Aylward, A., Healy, A., Bourne, L., & Beer, F. 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, July 14, 2006.
- Healy, A. F. 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, August 1-3, 2006.
- Healy, A. F., & Bourne, L. E., Jr. Training knowledge and skills for the networked battlefield. Invited report presented at the Training MURI Annual Meeting, Boulder, Colorado, September 26, 2006.
- Fu, W.-T., Gonzalez, C., Healy, A. F., Kole, J. A., & Bourne, L. E. 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, October, 2006.
- Cunningham, T. F., & Healy, A. F. Is word detection better than letter detection while reading prose? Poster presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX, November 17, 2006.
- Kole, J. A., Healy, A. F., & Bourne, L. E., Jr. 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, November 17, 2006.
- Schneider, V. I., Healy, A. F., Barshi, I., & Kole, J. A. Following verbal and spatial navigation instructions: Training, retention, and transfer. Paper presented at

- the 47th Annual Meeting of the Psychonomic Society, Houston, TX, November 18, 2006.
- Tao, L., & Healy, A. F. Stroop effect in Chinese characters and Pinyin: Orthography and language experience. Poster presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX, November 18, 2006.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. Mental practice yields less forgetting and interference than physical practice. Paper presented at the 47th Annual Meeting of the Psychonomic Society, Houston, TX, November 18, 2006.
- Buck-Gengler, C. J., Raymond, W. D., Healy, A. F., & Bourne, L. E., Jr. Modeling data entry in IMPRINT. Poster presented at the 16th Conference on Behavior Representation in Modeling and Simulation (BRIMS), Norfolk, Virginia, March 27, 2007.
- Best, B. J., Gonzalez, C., Young, M. D., Healy, A. F., & Bourne, L. E., Jr. Modeling the RADAR task: Automaticity and strategy selection. Paper presented at the 16th Conference on Behavior Representation in Modeling and Simulation (BRIMS), Norfolk, Virginia, March 27, 2007.
- Buck-Gengler, C. J., Bonk, W. J., Healy, A. F., & Bourne, L. E., Jr. The memory constriction hypothesis: Retrospective and prospective memory under time pressure. Paper presented at the 77th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 14, 2007.
- Fierman, D. M., & Healy, A. F. Unintentional translation in the sentence-level bilingual Stroop task. Paper presented at the 77th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 14, 2007.
- Raymond, W. D., Buck-Gengler, C. J., Healy, A. F., & Bourne, L. E., Jr. 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, Denver, CO, April 14, 2007.
- Healy, A. F. 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, May 17, 2007.
- Schneider, V. I., Healy, A. F., Buck-Gengler, C. J., Barshi, I., & Bourne, L. E., Jr. 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, July 4, 2007.
- Cunningham, T. F., Healy, A. F., Shea, K. M., & Kole, J. A. 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, July 5, 2007.

- Young, M. D., Healy, A. F., Gonzalez, C. & Bourne, L. E., Jr. 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, July 5, 2007.
- Healy, A. F., Wohldmann, E. L., & Bourne, L. E., Jr. 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, July 7, 2007.
- Fierman, D. M., Healy, A. F., & Bourne, L. E., Jr. 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 Convention, San Francisco, CA, August 17, 2007.
- Healy, A. F., & Bourne, L. E., Jr. Training knowledge and skills for the networked battlefield. Invited report presented at the Training MURI Annual Meeting, Pittsburgh, PA, September 7, 2007.
- Kole, J. A., & Healy, A. F. Examining the retrieval process in mediated learning using priming effects. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 17, 2007.
- Schneider, V. I., Healy, A. F., Barshi, I., & Bourne, L. E., Jr. 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, November 17, 2007.
- Tao, L., & Healy, A. F. Unitization effect in English and Chinese: Orthography and language experience. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 17, 2007.
- Wohldmann, E. L., Healy, A. F., & Bourne, L. E., Jr. Physical but not mental practice yields retroactive interference. Paper presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 17, 2007.
- Healy, A. F. Training optimization: Learning, retention, and transfer of knowledge and skills. Invited lecture presented at the College of Arts and Sciences Professors of Distinction Lectures, Boulder, CO, December 3, 2007.
- Aylward, A. G., Beer, F. A., Bourne, L. E., Jr., & Healy, A. F. What would Arnold do now? Masculine and feminine men and women react to environmental terrorist attacks. Paper presented in the invited symposium on "The State of Experimental Research in IR," 49th Annual International Studies Association Convention, San Francisco, CA, March 26, 2008.
- Healy, A. F. Training optimization: Learning, retention, and transfer of knowledge and skills. Paper presented at the Meeting of the Society of Experimental Psychologists, Bloomington, IN, April 10-12, 2008.

- Astbury, B. Schneider, V. I., Healy, A. F., Barshi, I., & Bourne, L. E., Jr. 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, Boise, ID, April 12, 2008.
- Young, M. D., Wilson, M. L., & Healy, A. F. Improving reading skills For ESL learners using SoundSpel. Poster presented at the 78th Annual Convention of the Rocky Mountain Psychological Association, Boise, ID, April 12, 2008.
- Raymond, W. D., Fornberg, B., Buck-Gengler, C. J., Healy, A. F., & Bourne, L. E., Jr. 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, April 14-17, 2008.
- Healy, A. F., & Bourne, L. E., Jr. Training knowledge and skills for the networked battlefield. Invited report presented at the Training MURI Annual Meeting, Boulder, CO, September 11-12, 2008.
- Kole, J. A., & Healy, A. F. Retrieval-induced forgetting: Examining representation weakening and retrieval competition accounts. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL, November 15, 2008.
- Lohse, K. R., & Healy, A. F. Exploring the contributions of declarative and procedural training to performance. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL, November 15, 2008.
- Schneider, V. I., Healy, A. F., Buck-Gengler, C. J., Barshi, I., & Bourne, L. E., Jr. 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, November 15, 2008.
- Wohldmann, E. L., & Healy, A. F. Perceptual and motoric specificity in training of speeded aiming movements. Paper presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL, November 14, 2008.
- Young, M. D., Healy, A. F., Gonzalez, C., Dutt, V., & Bourne, L. E., Jr. Effects of training with added relevant responses on RADAR detection. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL, November 15, 2008.
- Healy, A. F. 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, January 11, 2009.
- Raymond, W. D., Healy, A. F., & McDonnel, S. 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, April 3, 2009.
- Healy, A. F. Data entry: A window to principles of training. Paper presented at the 106th Annual Meeting of the Society of Experimental Psychologists. Boulder, CO, May 1, 2009.
- Gonzalez, C., Dutt, V., Healy, A. F., Young, M. D., & Bourne, L. E., Jr. Comparison of instance and strategy models in ACT-R. Poster presented at the 9th International Conference on Cognitive Modeling. Manchester, UK, July 24-26, 2009.
- Healy, A. F., & Bourne, L. E., Jr. Training knowledge and skills for the networked battlefield. Invited report presented at the Training MURI Annual Meeting, Pittsburgh, PA, August 14, 2009.
- Healy, A. F. Principles of training. Invited paper presented at the Workshop to Explore Issues and Mitigation Strategies for Long Term Retention of Military Expertise. Mesa, Arizona, October 9-10, 2009.
- Bourne, L. E., Jr., Healy, A. F., Bonk, W. J., & Buck-Gengler, C. J. Prospective memory offers some protection against forgetting associated items. Paper presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, November 21, 2009.
- Healy, A. F., & Cunningham, T. F. Detection of letter and letter sequence targets while processing prose. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, November 21, 2009.
- Kole, J. A., & Healy, A. F. Long-term retention of knowledge about friends, family, and unfamiliar individuals. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, November 20, 2009.
- Lohse, K. R., Healy, A. F., & Sherwood, D. E. Task-level and effector-level representations in intermanual transfer of motor skills. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, November 20, 2009.
- Schneider, V. I., Healy, A. F., Barshi, I., McCormick, B., & Bourne, L. E., Jr. Effects of presentation order during training to follow navigation instructions. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, November 20, 2009.
- Young, M. D., Healy, A. F., & Bourne, L. E., Jr. Training and transfer of an artificial grammar. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA, November 20, 2009.
- Buck-Gengler, C. J., Raymond, W. D., Healy, A. F., & Bourne, L. E., Jr. Modeling a visual search task with a secondary task in IMPRINT. Poster presented at the

- 19th Annual Conference on Behavior Representation in Modeling and Simulation (BRIMS), Charleston, SC, March 23, 2010.
- Anderson, L. S., Healy, A. F., Kole, J. A., & Bourne, L. E., Jr. The clicker technique: An effective method of teaching compression. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Healy, A. F. Experiments on development and testing of training principles. Paper presented at the 2010 Ellis-Battig Memory Symposium: Optimizing the training of knowledge and skills: A review of accomplishments from the Multidisciplinary University Research Initiative (MURI) on training, 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Ketels, S. L., Healy, A. F., Wickens, C. D., Buck-Gengler, C. J., & Bourne, L. E., Jr. Spatial list learning and decision making in the fusion paradigm. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Kole, J. A., & Healy, A. F. Memory for facts about people: Familiarity, relatedness, degree of genetic similarity, and gender congruency. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Lohse, K. R., Sherwood, D. E., & Healy, A. F. How changing the focus of attention affects performance, kinematics, and electromyography in dart throwing. Paper presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- McCormick, B., & Healy, A. F. Words and symbols use different working memory resources in a navigational task. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Overstreet, M. F., & Healy, A. F. Item and order information in semantic memory: Students' retention of the CU fight song. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Young, M. D., Healy, A. F., & Bourne, L. E., Jr. Artificial grammar learning: Retention and transfer. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.
- Lohse, K. R., Sherwood, D. E., & Healy, A. F. How changing the focus of attention affects performance, kinematics, and electromyography. Paper presented at NASPSPA (North American Society for the Psychology of Sport and Physical Activity) Conference 2010, Tucson, AZ, June 10, 2010.

- Lohse, K. R., Sherwood, D. E., & Healy, A. F. The influence of attention on learning and performance: Two experiments in isometric force production. Poster presented at NASPSPA (North American Society for the Psychology of Sport and Physical Activity) Conference 2010, Tucson, AZ, June 11, 2010.
- Wickens, C. D., Ketels, S. L., Healy, A. F., Buck-Gengler, C. J., & Bourne, L. E., Jr. The anchoring heuristic in intelligence integration: A bias in need of de-biasing. Paper presented at the 54th Annual Meeting Human Factors and Ergonomics Society, San Francisco, CA, September 27-October 1, 2010.
- Anderson, L. S., Healy, A. F., Kole, J. A., & Bourne, L. E., Jr. The clicker technique: An effective way to compress teaching time. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO, November 20, 2010.
- Kole, J. A., & Healy, A. F. Memory for details about people: Familiarity, relatedness, and gender congruency. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO, November 20, 2010.
- Schneider, V. I., Healy, A. F., & Barshi, I. Learning specificity: Modality transfer in following navigation instructions. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO, November 20, 2010.
- Wohldmann, E. L., & Healy, A. F. Indices of transfer: Learning can transfer but still be specific. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO, November 19, 2010.
- Ketels, S. L., Wickens, C. D., Healy, A. F., Buck-Gengler, C. J., & Bourne, L. E., Jr. The anchoring heuristic in intelligence integration: A bias in need of de-biasing. Paper presented at the Thirty-Sixth Annual Interdisciplinary Conference, Jackson Hole, WY, January 28, 2011.
- Healy, A. F. Principles of training. Rosecrans Invited Address delivered at the 57th Annual Meeting of the Southeastern Psychological Association, Jacksonville, FL, March 4, 2011.
- Young, M. D., & Healy, A. F. Artificial grammar learning: Implicit and explicit components for retention and transfer. Paper presented in the Training Symposium at the 57th Annual Meeting of the Southeastern Psychological Association, Jacksonville, FL, March 4, 2011.
- Ketels, S. L., & Healy, A. F., Wickens, C. D., Buck-Gengler, C. J., & Bourne, L. E., Jr. A dual-process account of decision making: Memory and anchoring. Paper presented in the Training Symposium at the 57th Annual Meeting of the Southeastern Psychological Association, Jacksonville, FL, March 4, 2011.
- Wohldmann, E. L., & Healy, A. F. Specificity or Transfer of Learning? It depends on how you look at it! Paper presented in the Training Symposium at the 57th Annual Meeting of the Southeastern Psychological Association, Jacksonville, FL, March 4, 2011.

- Lohse, K. R., Jones, M. C., Healy, A. F., & Sherwood, D. E. Attention as a control parameter in the regulation of human movement. Poster presented at the 2011 Rocky Mountain Regional American Society of Biomechanics, Estes Park, CO, April 8-9, 2011.
- Lohse, K. R., Jones, M. C., Healy, A. F., & Sherwood, D. E. Attention as a control parameter in the regulation of human movement. Paper presented at NASPSPA (North American Society for the Psychology of Sport and Physical Activity) Conference 2011, Burlington, VT, June 10, 2011.
- Ketels, S. L., Healy, A. F., Wickens, C. D., Buck-Gengler, C. J., & Bourne, L. E., Jr. Weigh the anchor: Debiasing the anchoring heuristic in a novel information integration task. Poster presented at the 12th European Congress of Psychology. Istanbul, Turkey, July 4-8, 2011.
- Lohse, K., Jones, M., Healy, A., & Sherwood, D. The role of attention in motor control. Paper presented at the Tenth Annual Summer Interdisciplinary Conference (ASIC 2011), Boi Valley, Spain, July 7-12, 2011.
- Ketels, S., Lohse, K., & Healy, A. Attentional focus and learning of a complex motor task: The case of snowboarding. Paper presented at the Tenth Annual Summer Interdisciplinary Conference (ASIC 2011), Boi Valley, Spain, July 7-12, 2011.
- Healy, A. F., & Bourne, L. E., Jr. Empirically valid principles for training in the real world. Paper presented in the symposium Applications of Research in Cognitive Psychology to Training in the Real World, 119th Annual American Psychological Association Convention, Washington, DC, August 4, 2011.
- Anderson, L. S., Healy, A. F., Schneider, V. I., & Barshi, I. Learning specificity in time and distance estimation: Implications for improved training. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA, November 4, 2011.
- Ketels, S. L., Healy, A. F., Wickens, C. D., Buck-Gengler, C. J., & Bourne, L. E., Jr. A dual-process account of decision making: Memory and anchoring. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA, November 4, 2011.
- Kole, J. A., & Healy, A. F. A mate processing effect on memory for facts about people. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA, November 4, 2011.
- McCormick, B., & Healy, A. F. Working memory for navigation instructions in words and arrows. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA, November 4, 2011.

Schneider, V. I., Healy, A. F., & Barshi, I. Transfer of training in following different types of navigation instructions. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA, November 4, 2011.

Healy, A. F., Schneider, V. I., & Barshi, I. Specificity and transfer in learning how to follow navigation instructions. Invited paper presented at Cognitive Modeling of Perception and Memory: A Festschrift for Richard M. Shiffrin, Bloomington, IN, May 8, 2012.

Lohse, K. R., Healy, A. F., & Sherwood, D. E. On the advantage of an external focus of attention: A benefit to learning or performance? Poster presented at NASPSPA (North American Society for the Psychology of Sport and Physical Activity) Conference 2012, Honolulu, HI, June 7-9, 2012.

Anderson, L. S., Healy, A. F., Jones, M., & Bourne, L. E., Jr. The impact of providing feedback on response distributions in group learning. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 17, 2012.

Ketels, S. L., Healy, A. F., Wickens, C. D., Buck-Gengler, C. J., & Bourne, L. E., Jr. Training away anchoring in a weighted centroid judgment task. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 16, 2012.

Kole, J. A., & Healy, A. F. Mate processing and memory for facts about people. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 17, 2012.

Schneider, V. I., Healy, A. F., & Barshi, I. Specificity and transfer of training in following navigation instructions in different spaces. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 16, 2012.

Tao, L., & Healy, A. F. Parsing English and Chinese strings of characters into words by speakers varying in fluency. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 17, 2012.

Sherwood, D., Lohse, K., & Healy, A. Internal and external estimations and dart throwing performance. Paper presented at the annual Interdisciplinary Conference on Human Performance, St. George, UT, March, 2013.

Rozbruch, E. V., Healy, A. F., Jones, M., & Anderson, L. S. Relative benefits of immediate vs. delayed testing in the classroom. Poster presented at the CU Science Education Initiative and CU Center for STEM Learning End of Year Event, Boulder, CO, May 7, 2013.

Sherwood, D. E., Lohse, K. R., & Healy, A. F. On the advantage of an external focus of attention: A benefit to learning or performance? Paper presented at the annual NASPSPA (North American Society for the Psychology of Sport and Physical Activity) conference, New Orleans, LA, June 13-15, 2013.

- Anderson, L. S., Jones, M., Healy, A. F., & Bourne, L. E., Jr. Representation and processing of response distribution feedback in group learning. Paper presented at the Biennial Meeting of the Society for Applied Research in Memory and Cognition, Rotterdam, The Netherlands, June 28, 2013.
- Healy, A. F., Schneider, V. I., McCormick, B., Fierman, D. M., Buck-Gengler, C. J., & Barshi, I. How much is remembered as a function of presentation modality? Paper presented at the Biennial Meeting of the Society for Applied Research in Memory and Cognition, Rotterdam, The Netherlands, June 28, 2013.
- Ketels, S., Healy, A., Bromwell, A., & Jones, M., Training away anchoring in a centroid judgment task. Paper presented at the 12th Annual Summer Interdisciplinary Conference, Cortina d'Ampezzo, Italy, July 28, 2013.
- Anderson, L. S., Healy, A. F., Jones, M., & Rozbruch, E. V. Relative benefits of immediate vs. delayed testing for predicting knowledge retention. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 16, 2013.
- Ketels, S., Jones, M., Healy, A. F., & Martichuski, D. When should clicker questions be presented during a lecture? Effects on exam performance. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 16, 2013.
- Schneider, V. I., Healy, A. F., & Barshi, I. Specificity and transfer in following navigation instructions varying in words and wordiness. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 16, 2013.
- Tao, L., & Healy, A. F. Word identification in English and Chinese texts by speakers varying in fluency. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, Canada, November 16, 2013.
- Raymond, W. D., Brown, E. L., & Healy, A. F. Experimental data on English final t/d deletion rates: Modeling word representation with contextualized measures of word use. Paper presented at the Georgetown University Round Table on Languages and Linguistics, Washington, D.C., March 14-16, 2014.
- Rozbruch, E. V., Healy, A. F., Jones, M., & Anderson, L. S. (2014). Relative benefits of immediate vs. delayed testing in the classroom. Poster presented at Stanford Undergraduate Research Conference, Palo Alto, CA, May 17, 2014.
- Ketels, S. L., Healy, A. F., Jones, M., Lalchandani, L., & Martichuski, D. K. Comparing recall and recognition in the use of classroom response systems. Poster presented at the Festschrift in Honor of Alice F. Healy, Boulder, CO, June 8, 2014.
- Schneider, V. I., Healy, A. F., & Barshi, I. Specificity and transfer of training in following navigation instructions with different response types. Poster

- presented at the Festschrift in Honor of Alice F. Healy, Boulder, CO, June 8, 2014.
- Tack, L. A., Healy, A. F., & Jones, M. Isolating the effects of different feedback contents on learning. Poster presented at the Festschrift in Honor of Alice F. Healy, Boulder, CO, June 8, 2014.
- Tao, L., & Healy, A. F. Word identification in Chinese and English prose passages by native and nonnative speakers varying in fluency. Poster presented at the Festschrift in Honor of Alice F. Healy, Boulder, CO, June 8, 2014.
- Sherwood, D. E., Lohse, K. R., & Healy, A. F. Judging joint angles and movement outcome: Shifting the focus of attention in dart-throwing. Poster presented at the annual NASPSPA (North American Society for the Psychology of Sport and Physical Activity) conference, Minneapolis, MN, June 12-14, 2014.
- Ketels, S. L., Healy, A. F., Jones, M., Lalchandani, L., & Martichuski, D. K. Testing two pedagogical prescriptions in the use of classroom response systems. Paper presented at the Thirteenth Annual Summer Interdisciplinary Conference, Moab, UT, June 23-28, 2014.
- Corral, D., Rozbruch, E. V., Healy, A. F., & Jones, M. Predicting memory retention from an initial quiz. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 22, 2014.
- Healy, A. F., Jones, M., Lalchandani, L., & Tack, L. A. A cognitive antidote to boredom: Motivational effects of interspersing quizzes during fact learning. Paper presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 22, 2014.
- Schneider, V. I., Healy, A. F., Tack, L. A., & Barshi, I. Training specificity in time and distance estimation: Effects of secondary task presence. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 22, 2014.
- Tao, L., & Healy, A. F. Impact of word presentation format on reading Chinese and English text. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA, November 21, 2014.
- Ketels, S. L., Healy, A.F., Jones, M., Lalchandani, L., & Sasnett-Martichuski, D.K. Testing two pedagogical prescriptions in the use of classroom response systems. Paper presented at the Thirty-Ninth Annual Interdisciplinary Conference, Jackson, WY, February 1, 2015.
- Healy, A. F., Schneider, V. I., & Bourne, L. E., Jr. Making foreign vocabulary learning difficult enhances retention and transfer: Extensions and qualifications of the Battig contextual interference principle. Invited paper presented in the Special Session "Does Bilingualism Impose Desirable Difficulties" at the 10th International Symposium on Bilingualism (ISB10), New Brunswick, NJ, May 21, 2015.

- Hathorn, L. G., & Healy, A. F. Decision-making and the bat-and-ball problem. Poster presented at the 27th APS Annual Convention, New York, NY, May 23, 2015.
- Ketels, S. L., Healy, A.F., Jones, M., Sasnett-Martichuski, D. K., Lalchandani, L., & Guhl M. J. Expertise reversal effects from variation in the use of classroom response systems. Paper presented at the Fourteenth Annual Summer Interdisciplinary Conference, Mammoth Lakes, CA, July 10-15, 2015.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. Training, retention, and transfer of data entry perceptual and motor processes. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 20, 2015.
- Tao, L., & Healy, A. F. The role of words in reading. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 20, 2015.
- Corral, D., Healy, A. F., & Jones, M. The effects of testing the relationships of relational concepts. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 21, 2015.
- Jones, M., Healy, A. F., Tack, L. A., Corral, D., Lalchandani, L., & Rozbruch, E. V. Assessing student knowledge with real-time in-classroom quizzing. Paper presented in the Symposium *Enhancing Education through Cognitive Psychology* at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 21, 2015.
- Ketels, S. L., Healy, A. F., Jones, M., Sasnett-Martichuski, D. K., Lalchandani, L., & Guhl, M. J. How should clickers be used in classrooms? It depends on which students you want to help. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 21, 2015.
- Young, A. P., Healy, A. F., Jones, M., & Curran, T. Discovery and adoption of the testing benefit in STEM education. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 21, 2015.
- Buck-Gengler, C. J., & Healy, A. F. Do eReaders aid vocabulary acquisition in middle school language arts? Invited paper presented in the symposium Studies from the Center for Research on Training, University of Colorado Boulder. Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Hathorn, L. G., & Healy, A. F. The bat-and-ball problem: Confidence and answer fluency. Invited paper presented in the symposium Studies from the Center for Research on Training, University of Colorado Boulder. Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Ketels, S. L., Healy, A. F., Jones, M., Sasnett-Martichuski, D. K., Lalchandani, L. A., & Guhl, M. J. Uneven benefits from clickers in the statistics classroom. Invited

- paper presented in the symposium Cognition, Technology, and Education at the Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Lalchandani, L., & Healy, A. F. The effects of note taking medium based on lecture format. Invited paper presented in the symposium Cognition, Technology, and Education at the Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Raymond, W. D., Brown, E. S., & Healy, A. F. Predicting pronunciation variability: Implicit learning of words in contexts. Invited paper presented in the symposium Studies from the Center for Research on Training, University of Colorado Boulder. Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Schneider, V. I., Healy, A. F., Kole, J. A., & Barshi, I. Training data entry: Specificity and generalizability of perceptual and motor processes. Invited paper presented in the symposium Studies from the Center for Research on Training, University of Colorado Boulder. Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Young, A. P., Healy, A. F., Jones, M., & Curran, T. Comparative experience is not enough: Challenges for eliciting awareness of the testing effect. Invited paper presented in the symposium Studies from the Center for Research on Training, University of Colorado Boulder. Rocky Mountain Psychological Association Convention, Denver, CO, April 16, 2016.
- Healy, A. F., & Zangara, T. K. Comparing misses in letter detection and reading aloud. Paper presented at the International Meeting of the Psychonomic Society, Granada, Spain, May 6, 2016.
- Lalchandani, L., & Healy, A. F. The effects of note taking medium based on lecture format. Poster presented at the International Meeting of the Psychonomic Society, Granada, Spain, May 6, 2016.
- Hathorn, L., & Healy, A. F. Attribute substitution in the bat-and-ball problem. Poster presented at the 28th APS Annual Convention, Chicago, IL, May 26, 2016.
- Sherwood, D. E., Lohse, K. R., & Healy, A. F. Direction and relevance of the focus of attention in dart-throwing with and without concurrent visual feedback. Paper presented at the annual NASPSPA (North American Society for the Psychology of Sport and Physical Activity) Conference, Montreal, Canada, June 18, 2016.
- Healy, A. F., & Zangara, T. K. Examining misses in reading aloud repeated words: Explanations from models of the missing letter effect. Paper presented in the symposium The Missing Letter Effect: History, Models and Current Avenues at the 26th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS), Ottawa, Canada, June 25, 2016.

- Hathorn, L. G., & Healy, A. F. Biased and correct responders show different patterns of recall for decision questions. Invited poster in the Symposium on Memory Dynamics and the Optimization of Instruction Revisited. American Psychological Association Convention, Denver, CO, August 6, 2016. Cancelled due to serious illness (L. G. Hathorn passed away the next day).
- Tack, L. A., Healy, A. F., Jones, M., & Curran, T. Isolating the effects of individual accuracy, group accuracy, and task feedback on learning. Invited poster presented in the Symposium on Memory Dynamics and the Optimization of Instruction Revisited. American Psychological Association Convention, Denver, CO, August 6, 2016.
- Young, A. P., Healy, A. F., Jones, M., & Bourne, L. E. Jr. On the relative benefits of spacing and massing practice for learning cognitive and motor associations. Invited poster presented in the Symposium on Memory Dynamics and the Optimization of Instruction Revisited. American Psychological Association Convention, Denver, CO, August 6, 2016.
- Lalchandani, L. A., & Healy, A. F. Disentangling the effects of note-taking strategy: Generation and summarization. Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA, November 18, 2016.
- Schneider, V. I., Healy, A. F., Buck-Gengler, C. J., Kole, J. A., & Barshi, I. Distinctive responding protects against forgetting associations: Role of working memory. Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA, November 18, 2016.
- Ketels, S. L., Healy, A. F., Jones, M., Guhl, M., & Sasnett-Martichuski, D. K. Peer learning can impede student understanding. Paper presented at the First Mini-Annual Interdisciplinary Conference, Jackson, WY, February 5, 2017.
- Healy, A. F. How to train knowledge and skills for peak performance. Invited address presented at Learning & the Brain Conference: The Science of Student Learning, San Francisco, CA, February 18, 2017.
- Young, A. P., Healy, A. F., Jones, M., & Bourne, L. E., Jr. Different distributed practice effects when acquiring verbal and motor memories. Poster presented at the 13th Context and Episodic Memory Symposium (CEMS), Philadelphia, PA, May 4, 2017.
- Young, A. P., Healy, A. F., Jones, M., & Bourne, L. E., Jr. Spacing benefits the acquisition of motoric but not verbal learning. Poster presented at the 29th APS Annual Convention, Boston, MA, May 26, 2017.
- Young, A. P., & Healy, A. F. Increasing student awareness of the testing effect with an online educational intervention. Colloquium presented at the Discipline-Based Education Research (DBER) Seminar, October 25, 2017.

Healy, A. F. What cognitive psychology says about learning: 21 training principles. Faculty Teaching Excellence Program, University of Colorado Boulder, October 27, 2017.

Kole, J.A., Schneider, V. I., Healy, A. F., & Barshi, I. Training, retention, and transfer of data entry perceptual and motoric processes over long retention intervals. Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada, November 11, 2017.

Lalchandani, L., & Healy, A. F. On-the-job training of working memory. Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada, November 10, 2017.

Schneider, V. I., Healy, A. F., Carlson, K. W., Buck-Gengler, C. J., & Barshi, I. How much is remembered as a function of presentation modality? Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada, November 10, 2017.

Tao, L., & Healy, A. F. Function words in text processing. Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada, November 10, 2017.

Young, A. P., Healy, A. F., Jones, M., & Curran, T. Facilitating voluntary self-testing through an automated question-generation educational application. Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada, November 11, 2017.

Session Chair:

Information Processing V. 17th Annual Meeting of the Psychonomic Society. St. Louis, Missouri, November 11-13, 1976.

Verbal Learning. 48th Annual Meeting of the Eastern Psychological Association. Boston, Massachusetts, April 13-16, 1977.

Judgment, Decision, and Choice: I. 13th Annual Mathematical Psychology Meetings. Madison, Wisconsin, August 28-30, 1980.

Reading and Story Comprehension. 22nd Annual Meeting of the Psychonomic Society. Philadelphia, Pennsylvania, November 12-14, 1981.

Text and Discourse Processing I. 23rd Annual Meeting of the Psychonomic Society. Minneapolis, Minnesota, November 12, 1982.

Organizing Committee and Organizer Invited Symposium on Quantitative Models of Memory. 16th Annual Mathematical Psychology Meetings. Boulder, Colorado, August 11-13, 1983.

Reading. 18th Mid-America Linguistics Conference. Boulder, Colorado,

- October 14-15, 1983.
- Invited address by John R. Anderson. Annual Meeting of the Cognitive Science Society, Boulder, Colorado, June, 1984.
- Cognition II. 19th Annual Mathematical Psychology Meeting. Cambridge, Massachusetts, August 19-21, 1986.
- Learning and Memory I. Rocky Mountain Psychological Association Convention. Denver, Colorado, April 26, 1991.
- Invited Presidential Address by Joseph Horvat. 64th Annual Convention of the Rocky Mountain Psychological Association. Las Vegas, Nevada, April 23, 1994.
- RMPA Distinguished Lecture by W. K. Estes, 65th Annual Convention of the Rocky Mountain Psychological Association. Boulder, Colorado, April 21, 1995.
- Invited Address by Robert J. Sternberg, 65th Annual Convention of the Rocky Mountain Psychological Association. Boulder, Colorado, April 22, 1995.
- Ellis-Battig Memory Symposium, 65th Annual Convention of the Rocky Mountain Psychological Association. Boulder, Colorado, April 22, 1995.
- Science of Decision Making in a Complex World, AAAS Annual Meeting and Science Innovation Exposition, Baltimore. Maryland, February 11, 1996.
- Ellis-Battig Memory Symposium, 66th Annual Convention of the Rocky Mountain Psychological Association, Park City, Utah, April 12, 1996.
- RMPA Battig Memorial Lecture by Richard M. Shiffrin, 66th Annual Convention of the Rocky Mountain Psychological Association. Park City, Utah, April 13, 1996.
- Science of Memory in a Complex World, AAAS Annual Meeting and Science Innovation Exposition, Seattle Washington, February 15, 1997.
- John P. McGovern Award Lecture in the Behavioral Sciences by Endel Tulving, AAAS Annual Meeting and Science Innovation Exposition, Seattle, Washington, February 16, 1997.
- Ellis-Battig Memory Symposium, 69th Annual Convention of the Rocky Mountain Psychological Association, Fort Collins, CO, April 16, 1999.
- Sponsor, 1999 Meeting of the Society for Applied Research in Memory and Cognition, Boulder, Colorado, July 9-11, 1999.

Ellis-Battig Memory Symposium, 72nd Annual Convention of the Rocky Mountain Psychological Association, Park City, Utah, April 5, 2002.

Human Learning and Memory III, 43rd Annual Meeting of the Psychonomic Society, Kansas City, Missouri, November 23, 2002.

Ellis-Battig Memory Symposium, 73rd Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 11, 2003.

Conference on Experimental Cognitive Psychology and its Applications: Triple Festschrift in Honor of Lyle Bourne, Walter Kintsch, and Thomas Landauer, Boulder, CO, May 23-25, 2003.

Ellis-Battig Memory Symposium, 76th Annual Convention of the Rocky Mountain Psychological Association, Park City, Utah, April 22, 2006.

Battig Memorial Lecture by David Strayer, 77th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 13, 2007.

Ellis-Battig Memory Symposium, 77th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 13, 2007.

Society of Experimental Psychologists, Annual Meeting. Boulder, CO, April 29-May 2, 2009.

Ellis-Battig Memory Symposium, 80th Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, April 16, 2010.

Symposium Applications of Research in Cognitive Psychology to Training in the Real World, 119th Annual American Psychological Association Convention, Washington, DC, August 4, 2011.

Session at the Biennial Meeting of the Society for Applied Research in Memory and Cognition, Rotterdam, The Netherlands, June 28, 2013.

Symposium IV: Enhancing Education through Cognitive Psychology, 56th Annual Meeting of the Psychonomic Society, Chicago, IL, November 21, 2015.

Seminars and Colloquia at Other Institutions:

1972: Brown University

1973: a. The New School for Social Research, Graduate Faculty
b. Bell Laboratories, Holmdel, New Jersey
c. The State University of New York at Stony Brook
d. Yale University

1976: The Rockefeller University

- 1977: a. New York University
b. Dartmouth College
c. University of Illinois at Champaign-Urbana
d. Massachusetts Institute of Technology
- 1978: The Rockefeller University
- 1979: a. University of Connecticut
b. Bell Laboratories, Murray Hill, New Jersey
- 1980: a. University of Toronto
b. University of Colorado at Boulder
c. University of Pittsburgh
- 1983: a. Indiana University
b. Harvard University
c. Haskins Laboratories
- 1986: Tulane University
- 1987: a. Vanderbilt University
b. St. Lawrence University
- 1989: a. Wellesley College
b. Harvard University
- 1990: University of Toronto
- 1993: Naval Training Systems Center
- 1995: a. Yale University
b. University of Texas at El Paso
- 1996: a. Colorado College
b. Purdue University
- 2001: a. NASA Ames Research Center
b. Colorado State University
- 2009: University of North Carolina at Charlotte
- 2011: Johns Hopkins University
- 2015: Rosetta Stone
- 2017: University of Pennsylvania