

Meredith E. Minear

EMAIL

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CURRENT ADDRESS

Department of Psychology
University of Wyoming
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WEBSITE

www.minearlab.com

EDUCATION

- | | |
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| 2004 | Ph.D. Cognitive Psychology
University of Michigan, Ann Arbor |
| 1994 | B.S. Psychology
University of Illinois, Urbana-Champaign |

ACADEMIC POSITIONS

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|--------------|--|
| 2013-present | Assistant Professor
Psychology Department
University of Wyoming |
| 2008-2013 | Assistant Professor
Psychology Department
The College of Idaho |
| 2004-2007 | Post-doctoral Research Scholar NIA Training Grant
Psychology Department
Washington University, St. Louis |
| 2004 | Lecturer
Psychology Department
University of Michigan, Ann-Arbor |

GRANTS

Training and transfer of executive processes. 7/01/11 – 06/30/14. Direct costs \$191,587. National Science Foundation. (PI: Minear)

Age and face processing: Developing a face database of elderly adults 2002 funded by the Seed Grant Program of the Center on Aging and Cognition: Health, Education and Training (NIA) Approximate cost: \$3,000.

AWARDS

- 2005 Summer Institute in Cognitive Neuroscience Fellow, Dartmouth
- 2002 Psychology Department Outstanding Graduate Student Instructor
- 2000 University of Michigan Oleshansky Research Award
- 1994 Campus Honors Program Summer Research Award

RESEARCH INTERESTS

- Plasticity in cognitive processes and self-regulation
- Individual differences in self-control and executive function
- Effects of stress on cognitive function
- Developmental and environmental effects on self-regulation and their applications in education
- Relationships between executive processing and real world performance
- Development and predictors of critical thinking ability in undergraduates

TEACHING EXPERIENCE

Courses taught

Biopsychology (Fall 2013)

Human Neuropsychology (Fall 2013)

Advanced Topics in Cognition: Neural Bases of Cognitive Control

Introduction to Psychological Science (1st year methods & critical thinking)

General Psychology (Introduction to Psychology)

Research Design & Analysis I & II (2 semester upper division course)

Social Psychology

Introduction to Positive Psychology

Introduction to Cognitive Psychology

Osher Life Long Learning Institute Short Courses

Fall 2012 Experience and the Brain

Lecture 1: Music and Language

Lecture 2: Media and Technology

Lecture 3: Meditation, Art and Nature

Lecture 4: Broader Implications

Previous Teaching Experience

- Fall, 2006; Introduction to Psychology Seminar at Washington University
Spring 2007
- Spring 2004; Lecturer: Introduction to Cognitive Psychology at the University of
Winter 2004 Michigan
- Fall 2003 Instructor and Course Supervisor: Research Methods: Laboratory in
Cognitive Psychology at the University of Michigan
- Winter 2003 Graduate Student Instructor: Research Methods: Laboratory in
Cognitive Psychology at the University of Michigan
- Winter 2001 Graduate Student Instructor: Cognitive Psychology at the University of
Fall 2001 Michigan
Fall 2000
- Winter 2000 Graduate Student Instructor: Introductory Psychology at the University
of Michigan.
- 1994-1996 Assistant English Teacher: JET Program: Mikamo Junior High School,
Tokushima, Japan

TEACHING INTERESTS

- Cognitive Psychology/Advanced topics in Cognition
- Biological Psychology/Cognitive Neuroscience
- Research methods in experimental psychology/Statistics
- Critical Thinking in Psychology and related disciplines
- Positive Psychology
- Introduction to Psychology
- Cognitive Aging/Cognitive Development

PROFESSIONAL AND HONOR SOCIETY MEMBERSHIP

Association for Psychological Science
Associate Member Psychonomics Society
Cognitive Neuroscience Society
Phi Beta Kappa National Honor Society
Phi Kappa Phi National Honor Society
Rocky Mountain Psychological Association
Society for Personality and Social Psychology
Society for the Teaching of Psychology
Women in Cognitive Science

PROFESSIONAL SERVICE

College and University Committee Work

2012	The College of Idaho Convocation Faculty Speaker
2012-2013	Faculty mentor for new psychology hire Dr. Lauren Brewer
2011-2013	Chair of Institutional Review Board (IRB) The College of Idaho
2011-2013	Psychology Club Faculty Mentor
2011-2013	Responsible Conduct in Research (RCR) training development committee
2009-2013	The College of Idaho Annual Student Research Conference Committee
2011-2012	Social Psychology Tenure Track Position Search Committee
2011-2012	Sociology Tenure Track Position Search Committee
2010-2011	Chair of the Executive Council
2010-2011	Co-chair of Psychology Department
2010-2011	Strategic Planning Committee for The College of Idaho Campus (focus on building community)
2010	Organizer of First Annual C of I Psychology Department Junior Retreat
2009-2011	Co-Chair The College of Idaho Annual Student Research Conference Committee
2009-2010	The College of Idaho Faculty Budget Committee
2009	Faculty member for The College of Idaho Counseling Center CAS External Review
2008	Institutional Review Board Formation Committee & Chief Compiler of the IRB Handbook
2002-2003	Faculty Departmental Associate, Department of Psychology, University of Michigan
2001-2003	Psychology Graduate Council Representative for the Cognition and Perception Area, University of Michigan
2003	Student Organizer of the Pat Gurin Lectures, Department of Psychology, University of Michigan
2002	Admissions Committee, Cognition and Perception Area, University of Michigan
2001	Student Host, fMRI Speakers Series, University of Michigan
1998-2000	Social Committee, Cognition and Perception Area, University of Michigan

Reviewing

2013	Memory, Reviewer for National Science Foundation: Perception Action & Cognition
2012	Cortex, Journal of Educational Psychology, Journal of Experimental Psychology: General, Reviewer for National Science Foundation: Perception Action & Cognition
2011	Quarterly Journal of Experimental Psychology, PLOS ONE, Frontiers in Human Neuroscience, Frontiers in Cognition
2010	Journal of Experimental Psychology: Learning, Memory & Cognition
2009	Behavioral Research Methods, Journal of Experimental Psychology: Learning, Memory & Cognition, Neuropsychology
2008	Psychology & Aging
2007	Reviewer for National Science Foundation: Perception Action & Cognition
2005	Psychonomic Bulletin and Review
2003	Journal of Experimental Psychology: General

Community Work

- 2012 Working with the Flourish Foundation and the Community School in Sun Valley, ID and the Heart of the Dharma in Boise, ID to conduct research on the effects of incorporating mindfulness practice into the schools.
- 2012 Working with CommunSgaoileadh Eadar--Ghinealach na Gàidhlig ann an Albainn Nuaidh (The Association for Intergenerational Gaelic Language Transmission in Nova Scotia) and Dr. Emily McEwan-Fujita to study the effects of intensive and immersive second language learning experience on executive function in younger and older adults.
- 2012 Developed a 5 week mindfulness program summer program for children in collaboration with the Treasure Valley Caldwell YMCA, P16 Coordinator Al Obayuwana and instructor Lisa Allen.
- 2012 Developed a pilot project of working memory training in children with learning disabilities in collaboration with the Caldwell School District, Van Buren Elementary School and researchers at the University of Michigan and the University of Maryland.
- 2011 Co-founder and organizer of Annual Treasure Valley Psychology Lecture Series in cooperation with Boise State and Northwest Nazarene Universities.
2011 Inaugural Speaker: Dr. David G. Myers (Hope College)
2012 Speaker : Dr. Arthur Kramer (University of Illinois, U-C)
- 2011 Judge (university division) for Northwest Nazarene Psychology Research Forum

PUBLICATIONS

- Minear, M., Brasher, F., McCurdy, M., Lewis, J., & Younggren, A. (2013). Working memory, fluid intelligence and impulsiveness in heavy media multi-taskers. *Psychonomic Bulletin and Review*, DOI 10.3758/s13423-013-0456-6.
- Minear, M., & Shah, P. (2008). Training and transfer effects in task-switching. *Memory & Cognition*, 36, 1470-1483.
- Boduroglu, A, Minear, M. & Shah, P. (2007). Working memory applied. In F. Durso (Ed.) *Handbook of Applied Psychology: Second Edition*. John Wiley & Sons, Ltd. 55-82.
- Minear, M. & Shah, P. (2006). Sources of working memory deficits in children and possibilities for remediation. In S.J. Pickering (Ed.) *Working memory and Education*. Elsevier Press 273-307.
- Glass, J.M., Park, D.C., Minear, M. & Crofford, L.J. (2005). Memory beliefs and function in fibromyalgia patients. *Journal of Psychosomatic Research*, 58, 263-269.
- Gutchess, A.H., Welsh, R.C., Hedden, T., Bangert, A., Minear, M., Liu, L., & Park, D.C. (2005). Aging and the neural correlates of successful picture encoding: Frontal activations

- compensate for decreased medial temporal activity. *Journal of Cognitive Neuroscience*, 17, 84-96.
- Minear, M. & Park, D.C. (2004). A lifespan database of adult facial stimuli. *Behavior Research Methods, Instruments and Computers*, 36, 630-633.
- Park, D.C., Polk, T., Park, R., Minear, M., & Savage, A. (2004). Aging reduces neural specialization in ventral visual cortex. *Proceedings of the National Academy of Sciences*, 101, 13091-13095.
- Park, D.C. & Minear, M. (2004). Cognitive aging: New directions for old theories. In R. Dixon, L. Bäckman & L. Nilsson (Eds.) *New frontiers in cognitive aging*. 19-40, Oxford University Press.
- Park, D.C. & Minear, M. (2002). Everyday memory. In Ekerdt, D. (Ed.) *The Macmillan Encyclopedia of Aging*. New York: Macmillan.
- Park, D.C., Glass, J., Minear, M, and Crofford, L. (2001). Cognitive function in fibromyalgia patients. *Arthritis and Rheumatism*, 44, 2125-2133.

MANUSCRIPTS IN PREPARATION

* indicates student collaborators

- Minear, M., *Brasher, F., *Brandt Guerrero, C., *Moore, A., *Sukeena, J. & Brasher, M. A *direct comparison of two forms of working memory training: Evidence for near transfer only*.
- Minear, M., Moore, A. & Thacker, M. *Better task-switching performance in expert video game players depends on the switching paradigm used*.
- Minear, M., *Ellsworth, M., *Fitzpatrick, K. *Gott, E., & *Mamer, J. *Trait mindfulness, meditation practice and stress in undergraduate students*.
- Minear, M. & *Milburn, C.J., *Moore, C.A., & *Nance, L.S. *Differing forms of procrastination and their relationships to impulsiveness, self-control and working memory*.
- Minear, M., Nelson, J., *Gott, E., *Brasher, F., *Brandt Guerrero, C. & *Moore, A. *Predictors of stress and academic outcomes in the first year of college*.
- *Moore, A., Minear, M., & *Sukeena, J. *The mind of a gamer: Is personality related to gaming preferences?*

INVITED TALKS

- Minear, M. (2013). *Training Your Brain: Myths & Facts*. Presented at the 2013 Gray Matters AARP Workshop, Cheyenne, Wyoming.
- Minear, M. (2012). *Poverty and effects on development: A focus on executive functions*. Presented at the 2012 Idaho Juvenile Justice Annual Meeting, Pocatello, Idaho.

- Minear, M. (2012). *The effects of childhood poverty on cognitive growth and development*. Presented at New Directions in Family Health in Idaho: Surviving and Thriving in Difficult Times, Boise State University, Boise, Idaho.
- Minear, M. (2012). *The possible effects of modern media consumption on cognitive function*. Colby College, Waterville, Maine.
- Minear, M. (2012). *Can we be happier? Lessons from research in positive psychology*. The College of Idaho Staff Association Annual Retreat, Caldwell, Idaho.
- Minear, M. (2011). *The promise of plasticity: Does brain training work?* Boise State University, Boise, Idaho.
- Minear, M. (2007). *Using a transfer of training paradigm to investigate practice-related improvements in task-switching*. University of Michigan Colloquium, Ann Arbor, Michigan.
- Minear, M. (2006). *The locus of training related improvements in mixing costs using a task-switching paradigm*. Washington University Brain, Behavior and Cognition Colloquium, St. Louis, Missouri.
- Minear, M. (2006). *Set-selection costs in older adults*. Washington University Aging and Development Brown Bag, St. Louis, Missouri.
- Minear, M. (2006). *Using backward masking to investigate age-related dedifferentiation*. Washington University Aging and Development Brown Bag, St. Louis, Missouri.
- Minear, M. (2005). *Task switching training: Evidence for transfer?* University of Illinois Psychology Department Cognitive Brown Bag, Urbana-Champaign, Illinois.

POSTERS AND PRESENTATIONS

* indicates student collaborators

- Minear, M., *Brasher, M., *Moore, A., *Price, M. & *Sukeena, J. (2013). *Attempting to Improve Attention through Executive Function Training*. Poster submitted to the 54th Annual Meeting of the Psychonomic Society, Toronto, Ontario.
- Minear, M., Brasher, F., Brasher, M., *Price, M. & *Franks, K., (2013). *Who watches the Daily Show? Optimism, cynicism and need for cognition in frequent viewers of political satire*. Poster presented at the 2013 Society for Personality and Social Psychology conference, New Orleans, Louisiana.
- *Ellsworth, M., *Fitzpatrick, K. *Gott, E., *Mamer, J., & Minear, M. (2013). *The effects of mindfulness meditation on stress and coping in college students*. Poster presented at the 2013 Society for Personality and Social Psychology conference, New Orleans, Louisiana.

- *Moore, A., *Sukeena, J., & Minear, M. (2013). *Personality and motivations for playing video games*. Poster presented at the 2013 Society for Personality and Social Psychology conference, New Orleans, Louisiana.
- Minear, M., *Brasher, F., & *Brandt Guerrero, C., (2012). *Working memory training: Evidence for near, but not far transfer*. Poster to be presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, Minnesota.
- Minear, M., Nelson, J., *Brandt Guerrero, C., *Brasher, F, *Aguas, L.,* Borchers, B., *Gott, E., *Leibman, J. *Moore, A., *Simpson, C., *Sukeena, J., *Swantek, C., *Ward, N., & *Williams L. (2012). *Predictors of stress and academic outcomes in the first year of college*. Poster presented at the 24th Annual Convention of the Association for Psychological Science, Chicago, Illinois.
- *Sukeena, J., *Moore, A., & Minear, M. (2012). *The mind of a gamer: Is personality related to gaming preferences?* Poster presented at the 2012 Rocky Mountain Psychological Association Convention, Reno, Nevada.
- *Ellsworth, M., *Gott, E., *Mamer, J., *Howells, R., & Minear, M. (2012). *Trait mindfulness and stress in college students*. Oral presentation at the 2012 Rocky Mountain Psychological Association Convention, Reno, Nevada.
- Minear, M. & *Brandt Guerrero, C. (2012). *An exploration of the relationships between need for cognition and impulsiveness and working memory capacity*. Poster presented at the 2012 Society for Personality and Social Psychology conference, San Diego, California.
- Minear, M. E. & *Brasher, F. (2011). *Attention, working memory and impulsiveness in high media multi-taskers*. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, Washington.
- *Brandt Guerrero, C., Minear, M. & *Angleton, M. (2011). *A new measure of self-reported tidiness: Does tidiness make you happier?* Poster presented at 23rd Annual Convention of the Association for Psychological Science, Washington D.C.
- Minear, M., *Milburn, C. J., *Moore, C.A., & *Nance, L.S. (2011). *Differing forms of procrastination and relationships to impulsiveness, self-control and working memory*. Poster presented at the 23rd Annual Convention of the Association for Psychological Science, Washington D.C.
- Minear, M., & *Thacker, M. (2011). *Better task-switching performance in expert video game players: Superior preparation?* Posted presented at the Cognitive Neuroscience Society 18th Annual Meeting, San Francisco, California.
- Minear, M.E., *Brasher, F., *Lewis, J., *McCurdy, M., & *Younggren, A. (2010). *Effects of media multitasking use on cognitive performance*. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, Missouri.
- Minear, M. E. & Shah, P. (2009). *Adult age differences in transfer of task-switching training*. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, Massachusetts.

- Minear, M., *Moskowitz, A., & Hale, S. (2007). *Using backward masking to investigate age-related dedifferentiation*. Poster presented at the Fourteenth Annual Meeting of the Cognitive Neuroscience Society, New York, New York.
- Minear, M. & Shah, P. (2005). *The effect of the cue-to-stimulus interval on transferable improvement in task switching*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Ontario.
- Minear, M. & Shah, P. (2005). *Sources of transferable improvement in task switching performance*. Poster presented at 17th Annual Meeting of the Association for Psychological Science, Los Angeles, California.
- Minear, M., Polk, T.A., Welsh, R.C., Park, D.C. (2003). *Activation of the fusiform face area in older and younger adults: does the age of the faces matter?* Slide presentation at the Annual Meeting of the Society for Neuroscience, New Orleans, Louisiana.
- Gutchess, A. H., Welsh, R.C., Bangert, A., Minear, M., Liu, L., Hedden, T., & Park, D.C. (2003). *Aging and the neural correlates of successful encoding of pictures*. Poster presented at the Tenth Annual Meeting of the Cognitive Neuroscience Society, New York, New York
- Gutchess, A. H., Welsh, R.C., Bangert, A., Minear, M., Liu, L., Hedden, T., & Park, D.C. (2003). *Age differences in neural activations for remembered versus forgotten scenes*. Slide presentation at the Annual Meeting of the Society for Neuroscience, New Orleans, Louisiana.
- Park, D.C., Park, R., Minear, M., Savage, A. & Polk, T. (2003). *Decreased neural selectivity of ventral visual cortex in old adults*. Poster presented at the Tenth Annual Meeting of the Cognitive Neuroscience Society, New York, New York.
- Minear, M., Shah, P. & Park, D. (2002). *Age, task switching and transfer of training*. Poster presented at the Ninth Biennial Cognitive Aging Conference, Atlanta, Georgia.
- Minear, M. (2000). *Proactive Interference in Long-Term Memory and the Time of Day Effect in Older Adults*. Poster presented at the Eighth Biennial Cognitive Aging Conference, Atlanta, Georgia.
- Minear, M., Park, D.C. & Davidson, N.S. (1999). *Memory Performance as a Function of Age and Time of Day: Synchrony Effects Occur in Old, but Not Young Adults*. Poster presented at the 1999 Midwest Psychological Society, Chicago, Illinois.
- Kramer, A., Hahn, S., Banich, M., Cohen, N., McAuley, E., Bardell, L., Harrison, C., Chason, J., Vakil, E., Prioux, H., Glass, A., Minear, M. & Nash, C. (1998). *Influence of Aerobic Fitness on the Neurocognitive Function of Sedentary Older Adults*. Poster presented at the 1998 Cognitive Aging Conference, Atlanta, Georgia.
- Hahn, S., Kramer, A.F., deJong, R., Gopher, D., Minear, M. & Glass, A. (1998). *Aging and Executive Control in Task Switching*. Poster presented at the 1998 Cognitive Aging Conference, Atlanta, Georgia.

Weber, T.A., Kramer, A.F., Minear, M. & Glass, A. (1998). *Influence of Aging on Object-Based Attentional Selection*. Poster presented at the 1998 Cognitive Aging Conference, Atlanta, Georgia.

Kramer, A.F., Irwin, D.E., Hahn, S., Theeuwes, J., Glass, A. & Minear, M. (1998). *Oculomotor Control and Attention: Inhibiting Eye Movements to Task Irrelevant Objects*. Poster presented at the 1998 Cognitive Aging Conference, Atlanta, Georgia.

REREFENCES

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Arthur F. Kramer
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