

July, 2022
TELLINGHUISEN

Donald J. Tellinghuisen

Department of Psychology
Calvin University
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Education

PhD *University of Iowa*, 1994, Human Experimental Psychology

Dissertation: Lateral Masking Across the Visual Field as a Function of Age
Advisor: Dr. Lynn D. Zimba

MA *University of Iowa*, 1991, Human Experimental Psychology

Thesis: Effects of Visuospatial Precuing in Younger and Older Observers
Advisor: Dr. Lynn D. Zimba

BA *Northwestern College (Iowa)*, 1988, Psychology, *Magna Cum Laude*

Teaching Interests

Cognitive Psychology
Research Methodology/Experimental
Lifespan Human Development

Introductory Psychology
Sensation and Perception

Research Interests

My primary research focus is how individuals process distracting information, with particular focus on how conflicting information from within the visual modality or across modalities (visual and auditory) impacts responding to relevant information.

Areas of Technical Expertise

Research methodology, design, and statistical analysis in experimental psychology. Use of laboratory-related equipment including both Macintosh and PC-compatible systems for research and teaching purposes. Experiment programming in SuperLab and data analysis using SPSS, jamovi and Excel.

Professional Experience

Professor and Chair, Department of Psychology, Calvin University (2000-present;
Tenured, 2003; promoted to Professor, 2007; Department Chair (2019-present)
Clean Water Institute Faculty (2018-present)

Courses Taught:

Cognitive Psychology	Introductory Psychology
Fundamentals of Research & Practice	Advanced Research Methods
Developmental Psychology: Lifespan	Experimental Psychology

Associate Professor, Department of Psychology, Augustana University (1993-2000;
Tenured, 1998; Associate, 1999). Department Chair (1997-2000)

Courses Taught:

Cognitive Psychology	Experimental Psychology
Lifespan Human Development	Memory and Decision Making
Physiological Psychology	Sense and Nonsense in Psychology
Independent Study	Directed Research

Instructor, Saturday and Evening Program/Department of Psychology, University of
Iowa (Spring, 1993; Fall, 1992; Summer, 1991)

Course Taught:

Introduction to Mental Processes

Teaching Assistant, Department of Psychology, University of Iowa (1988-1990)

Courses:

Fundamentals of Sensation and Perception, supervised by Dr. Lynn Zimba
Environmental Stress, supervised by Dr. Robert S. Baron
Cognitive Development in Children, supervised by Dr. Frank Goodkin
General Psychology, supervised by Dr. Alan Randich

Research Assistant, Department of Psychology, University of Iowa (1991-1993)

Project: Attention and Memory Processes in Infants (7- to 13-month-olds)

Supervisor: Dr. Lisa M. Oakes

Research Assistant, Department of Psychology, University of Iowa (1989-1991)

Project: Visuospatial Attentional Processes in Stereoscopic Depth

Supervisor: Dr. Lynn D. Zimba

Publications

- Stout, J.A.* , Tellinghuisen, D.J., Wunder, D.B., Tatko, C.D., & Rydbeck, B. (2019). Variations in sensitivity to chlorine in Ecuador and U.S. samples: Implications for community water systems. *Journal of Water and Health*, 17(3), 428-441. DOI: 10.2166/wh.2019.297
- Martin, R.W., Enck, R.D., Tellinghuisen, D.J., Eggebeen, A.T., Birmingham, J.D., & Head, A.J. (2017). Comparison of the effects of a pharmaceutical industry decision guide and decision aids on patient choice to intensify therapy in Rheumatoid Arthritis. *Medical Decision Making*, 37(5), 577-588. DOI: 10.1177/0272989X17696995
- Tellinghuisen, D.J., Cohen, A.J.* , & Cooper, N.J.* (2016). Now hear this: Inattentional deafness depends on task relatedness. *Attention, Perception & Psychophysics*, 78(8), 2527-2546. DOI: 10.3758/s13414-016-1169-5
- Smith, J.S.* , LaFrance, M., Knol, K.H.* , Tellinghuisen, D.J., & Moes, P. (2015). Surprising smiles and unanticipated frowns: How emotion and status influence gender categorization. *Journal of Nonverbal Behavior*, 39, 115-130. doi: 10.1007/s10919-014-0202-4
- Martin, R.W., McCallops, K.* , Head, A.J., Eggebeen, A. T., Birmingham, J.D., & Tellinghuisen, D.J. (2013). Influence of patient characteristics on perceived risks and willingness to take a proposed anti-rheumatic drug. *BMC Medical Informatics and Decision Making*, 13, 1-9. doi:10.1186/1472-6947-13-89
- Martin, R.W., Brower, M.E.* , Geraldts, A., Gallagher, P.J.* & Tellinghuisen, D. J. (2012). An experimental evaluation of formats to communicate the effects of anti-rheumatic drugs on the rate of progression of structural joint damage. *Patient Education and Counseling*, 86(3), 329-334.
- Tellinghuisen, D.J. & Nowak, E. J.* (2003). The inability to ignore auditory distractors as a function of visual task perceptual load. *Perception & Psychophysics*, 65(5), 817-828.
- Oakes, L. M., Tellinghuisen, D. J., & Tjebkes, T. L. (2000). Competition for infants' attention: The interactive influence of attentional state and stimulus characteristics. *Infancy*, 1(3), 347-361.
- Tellinghuisen, D. J., Oakes, L. M., & Tjebkes, T. L. (1999). The influence of attentional state and stimulus characteristics on infant distractibility. *Cognitive Development*, 14(2), 199-213.

- Tellinghuisen, D. J., & Oakes, L. M. (1997). Distractibility in Infancy: The Effects of Distractor Characteristics and Type of Attention. *Journal of Experimental Child Psychology*, *64*, 232-254.
- Tellinghuisen, D. J., Robin, D. A., & Zimba, L. D. (1996). Endogenous visuospatial attention effects as a function of age and task complexity. *Perception & Psychophysics*, *30*(6), 947-958.
- Oakes, L. M., & Tellinghuisen, D. J. (1994). Examining in infancy: Does it reflect active processing? *Developmental Psychology*. *30*(5), 748-756.

* indicates student co-author

Manuscripts in Preparation

- Tellinghuisen, D.J. & Moes, P. (in preparation). ERP responses to auditory distractors during high perceptual load searches: Evidence against inattentive deafness.
- Tellinghuisen, D.J., Lewis, S., Schutt, E.M., & Cawley, S.B. (in preparation). Simon Effect magnified under high perceptual load.

Book

- Moes, P., & Tellinghuisen, D.J. (forthcoming). *Exploring Psychology and Christian Faith: An Introductory Guide, 2nd Ed.* Grand Rapids, MI: Baker Academic.
- Moes, P., & Tellinghuisen, D.J. (2014). *Exploring Psychology and Christian Faith: An Introductory Guide.* Grand Rapids, MI: Baker Academic.

Book Reviews

- Tellinghuisen, D. J. (1995). Contexts for doing psychology. [Review of *Varieties of Scientific Contextualism*]. *Contemporary Psychology*, *40*(4), 338-339.
- Tellinghuisen, D. J. (1992). A science of morality? [Review of *The morality maze: An introduction to moral ecology*]. *Journal of Contemporary Psychology*, *37*(12), 1335.

Abstracts & Meeting Presentations

- Tellinghuisen, D.J., & Moes, P. (2018). Object-related sounds processed differently than

July, 2022
TELLINGHUISEN

words during visual search. *Abstracts of the Psychonomic Society*, **23**, 295-296. Poster presented at the meetings of the Psychonomic Society, New Orleans, LA.

Tellinghuisen, D.J., & *Lewis, S. (2015). Visual search influenced by auditory distractors naming targets, but not location or response hand. *Abstracts of the Psychonomic Society*, **20**, 183. Poster presented at the meetings of the Psychonomic Society, Chicago, IL.

Tellinghuisen, D.J., *Bender, L.J., & *Lee, D. (2013). Auditory distractor influence varies with category novelty. *Abstracts of the Psychonomic Society*, **18**, 256. Poster presented at the meetings of the Psychonomic Society, Toronto, ON, Canada.

Tellinghuisen, D.J. & *Cohen, A.J. (2012). Auditory distractor effects interact with visual search perceptual load. *Abstracts of the Psychonomic Society*, **17**, 185. Poster presented at the meetings of the Psychonomic Society, Minneapolis, MN.

Martin, R. W., Lajevardi, N., Sevak, S., Head, A. J., Eggebeen, A. T., & Tellinghuisen, D. J. (2011). Placing serious infection risk in perspective: A randomized trial evaluating a patient decision aid to reduce focusing illusion. Poster presented at the annual scientific meeting of the American College of Rheumatology, Chicago, IL.

Martin, R. W., *Gallagher, P.J., & Tellinghuisen, D. J. (2011). Can the results of laboratory based message framing experiments be generalized to patients? Talk presented at the meetings of the Society for Medical Decision Making, Chicago, IL.

Tellinghuisen, D.J. & *Ingraffia, Z. (2010). To tell the truth: Destination memory varies with truthfulness. *Abstracts of the Psychonomic Society*, **15**, 39. Talk presented at the meetings of the Psychonomic Society, St. Louis, MO.

Tellinghuisen, D.J. (2009). Subsequent distractibility suppressed by thought suppression. *Abstracts of the Psychonomic Society*, **14**, 87. Poster presented at the meetings of the Psychonomic Society, Boston, MA.

*Brower, M.E., Tellinghuisen, D.J., *Gallagher, P.J., & Martin, R. W. (2009). Decision aid formats to communicate the effect of DMARDs on structural joint damage in rheumatoid arthritis. Poster presented at the annual scientific meeting of the American College of Rheumatology, Philadelphia, PA.

Tellinghuisen, D. J. & *Knol, K. H. (2008). Individual differences in distractibility. *Abstracts of the Psychonomic Society*, **13**, 107. Poster presented at the meetings of

the Psychonomic Society, Chicago, IL.

- *Smith, J. S., *Knol, K. H., Tellinghuisen, D. J., & Moes, P. (2008). Incongruent gender-emotion combinations slow gender identification. Poster presented at the meetings of the Association for Psychological Science, Chicago, IL.
- Tellinghuisen, D. J. & *Hamelinck, R. G. (2006). Time course of auditory distractor effects during visual search. *Abstracts of the Psychonomic Society*, **11**, 91. Poster presented at the meetings of the Psychonomic Society, Houston, TX.
- Tellinghuisen, D. J. (2005, November). Perceptual load effects inside and outside the focus of attention. *Abstracts of the Psychonomic Society*, **10**, 116. Poster presented at the meetings of the Psychonomic Society, Toronto, ON, Canada.
- Tellinghuisen, D. J. & *Monsma, T. J. (2004, April). Nearby distractors can be ignored, but distractors in the center of vision may not. Poster presented at the Biennial Cognitive Aging Conference, Atlanta, GA.
- Tellinghuisen, D. J. & *Geenen, E. (2002, November). Perceptual load effects: The role of individual differences in working memory capacity. *Abstracts of the Psychonomic Society*, **7**, 42. Poster presented at the meetings of the Psychonomic Society, Kansas City, MO.
- Tellinghuisen, D. J. & *Nowak, E. J. (2002, April). Distractor effects and aging: the influence of perceptual load and target/distractor separation. Poster presented at the Biennial Cognitive Aging Conference, Atlanta, GA.
- Tellinghuisen, D. J., *Schemper, E. M., & *Nowak, E. J. (2001, November). Differences in visual and auditory distractor effects as a function of perceptual load. *Abstracts of the Psychonomic Society*, **6**, 40. Poster presented at the meetings of the Psychonomic Society, Orlando, FL.
- Larson, D. S., Tellinghuisen, D. J., & *Hill, J. M. (1999, June). Hurting and being hurt: Differences in recall and intentions. Poster presented at the meetings of the American Psychological Society, Denver, CO.
- Zimba, L. D., & Tellinghuisen, D. J. (1997, November). Timecourse of strategic visuospatial attention resource allocation. *Abstracts of the Psychonomic Society*, **2**, 26. Poster presented at the meetings of the Psychonomic Society, Philadelphia, PA.
- Tjebkes, T. L., Oakes, L. M., & Tellinghuisen, D. J. (1997, April). The effects of stimulus characteristics and type of attention on distractibility in infancy. Poster presented at the meetings of the Society for Research in Child Development, Washington, D.C.

July, 2022
TELLINGHUISEN

- Brito, C. F., Wall, M., Tellinghuisen, D. J., & Stanek, K. E. (1996, November). Effect of central shape identification on the motion perimetry performance of young and older observers. Poster session presented at the meetings of the Association for Research in Vision and Ophthalmology, FL.
- Tellinghuisen, D. J., & Oakes, L. M. (1996, April). Attention interruption varies with distractor characteristics. Poster presented at the 10th Biennial International Conference on Infant Studies, Providence, RI.
- Tellinghuisen, D. J., & Oakes, L. M. (1993, November). Stimulus-dependent distractibility in infancy. *Bulletin of the Psychonomic Society*. Poster presented at the meetings of the Psychonomic Society, Washington, DC.
- Zimba, L. & Tellinghuisen, D. J. (1992, November). Task-dependent visuospatial precuing effects. *Bulletin of the Psychonomic Society*, **30**(6), 469. Poster presented at the meetings of the Psychonomic Society, St. Louis, MO.
- Zimba, L., Tellinghuisen, D., Thomas, S., Bemus, S., & Brito, C. (1992, May). Visuospatial precuing effects in 3-D space. *Investigative Ophthalmology & Visual Science*, **33** (Suppl.), 1263. Poster presented at the meetings of the Association for Research in Vision and Ophthalmology, Sarasota, FL.
- Zimba, L. D., Schartz, K. M., & Tellinghuisen, D. J. (1991, May). The effect of spatial expectancy on line orientation judgments in a stereoscopic display. *Investigative Ophthalmology & Visual Science*, **32** (Suppl.), 695. Poster presented at the meetings of the Association for Research in Vision and Ophthalmology, Sarasota, FL.
- Zimba, L. D., & Tellinghuisen, D. J. (1991, November). Visuospatial precuing effects in young and old observers. *Bulletin of the Psychonomic Society*, **29**(6), 506-507. Poster presented at the meetings of the Psychonomic Society, San Francisco, CA.
- Zimba, L. D., & Tellinghuisen, D. J. (1990, November). The covert orienting of attention to stereoscopic targets. *Bulletin of the Psychonomic Society*, **28**(6), 516. Poster presented at the meetings of the Psychonomic Society, New Orleans, LA.

* indicates student co-author

Professional Activities and Awards

Calvin University

Student-Faculty Research Award (2020) for an outstanding record of working with student research collaborators.

Academic Structure and Administrative Transition Committee (2019)

July, 2022
TELLINGHUISEN

Faculty Hearing Committee (2018-2020)
Calvin Center for Social Research Governing Board (2017-2022)
Institutional Animal Care and Use Committee (2017-present)
Calvin Center for Christian Scholarship Governing Board, 2006-2009; 2013-2017
(Chair, 2007-2009; 2013-2017)
Faculty Senator (2007-2008)
Faculty Development Committee, 2001-2005; 2009-2011 (Chair, 2002-2005; 2010-2011)
McGregor Student Summer Research Committee, 2004-2010 (Chair, 2006-2010)
Psychology Department Curriculum Committee, 2001-2008
Psychology Department Personnel Committee, 2008-present (Chair, 2009-present)
Psi Chi/Psychology Club Co-Mentor, 2001-2012.
Psychology Department Secretary, 2001-2002; 2006-2007

Augustana University

Psychology Department Chairperson, 1997-2000
Geriatrics and Gerontology Minor Advisory Committee, 1995-2000
Institutional Animal Care and Use Committee, 1999-2000
Religious Affairs Committee, 1999-2000 (Co-Chair)
Associate Academic Dean Search Committee, 1999
Personnel Council, 1998-1999
Co-Curriculum Council, 1996-1998
Communication /Theater Department Faculty Search Committee, 1997, 1998
Mentor, New Student Seminar, 1994-1998
Biology Department Faculty Search Committee, 1996, 1997
Faculty-in-Residence, East Hall, 1994-1997
Augustana College Library Committee, 1994-1996 (Chair, 1995-96)
New Faculty Mentor, 1995-1996
Human Subjects Review Task Force Chairperson, 1994-1995

University of Iowa

Graduate Student Advisory Council, 1991-1992
Don Lewis Dissertation Award for Outstanding Dissertation Proposal, 1991-1992
National Science Foundation Graduate Fellowship Honorable Mention Recipient, 1989

Grants

Sabbatical at Calvin University, Fall, 2012.
Calvin Center for Christian Scholarship (2011-2013). “Foundations of Psychology: Biblical Portraits of Human Nature as Guiding Principles in Psychology”. Co-Principle investigator with Paul Moes. \$18,000.
John Templeton Foundation (2009). “The Science of Worship: Phenomenology, Cognitive Sciences, and Liturgical Practices”. Co-investigator with James K. A. Smith. \$298,360. Not funded.

July, 2022
TELLINGHUISEN

Sabbatical at Calvin University, Fall, 2005.
NSF Department of Undergraduate Education, 2002-2003. “Adaptation and Implementation of an Electrophysiological Laboratory for Undergraduate Psychology and Physics Students.” Co-investigator with Paul Moes and Loren Haarsma. Track—Course Curriculum and Laboratory Improvement—Adaptation and Implementation. CDFA Number 47.076. \$12,689.
Calvin Research Fellowship, Summer, 2001, 2003.
McGregor Fellowship Supervisor (with Paul Moes) of student Laura Luchies, Summer 2002
McGregor Fellowship Supervisor (with Paul Moes) of student Erin Nowak, Summer 2001
Augustana Research and Artist Fund Grant, Summers 1995, 1996, 1998, and 1999
Bush Mini-Grant, Summer, 1994 (lab for Physiological Psychology); Summer, 1995 (Gerontology); Summer, 1997 (lab for Experimental Psychology)
Sigma Xi, Grant-in-Aid of Research Award, 1989, 1993

Professional Organizations and Activities

Reviewer, *Cognitive Psychology* textbook Edward Mercado, 2021.
Reviewer, *Attention, Perception & Psychophysics*, 2021
Reviewer, *Psychology* textbook by Schacter, Gilbert, Nock & Wegner (2018-2019)
Reviewer, *Journal of Experimental Psychology: Applied*, 2017
Reviewer, *Journal of Experimental Child Psychology*, 2008, 2010
Reviewer, *Memory & Cognition*, 2006
Association for Psychological Science, member
Fellow of the Psychonomic Society

Church Activities

Administrative Elder, Fifth Reformed Church, Grand Rapids, MI, 2018-2021. Vice President of Consistory, 2019-2020.
Human Resources Team, Fifth Reformed Church, Grand Rapids MI, 2019-present.
Member, Fifth Reformed Church, Grand Rapids, MI
Adult Education, Brookside Christian Reformed Church, October 2012. “Finding the Will of God.”
Sunday School Teacher, Second Grade, Brookside Christian Reformed Church, 2009.
Sunday School Teacher, Adults, Central Reformed Church, May, 2004. “Stewardship of Choice” with Glenn Weaver.
Adult Discipleship Committee, Central Reformed Church, 2002-2006
Sunday School Teacher, Adults, First Presbyterian Church, Sioux Falls, SD, 1996, 1999