

CURRICULUM VITA

Paul E. Moes

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EDUCATION:

1979-1982	Ph.D., Experimental Psychology *Major Area: Chemistry of Behavior *Minor Area: Cognition/Learning Texas Christian University; Fort Worth, Texas
1977-1979	M.S., Experimental Psychology Montana State University; Bozeman, Montana
1973-1977:	B.A., Biology; Dordt University; Sioux Center, Iowa

EMPLOYMENT/EXPERIENCE:

2000 – Present	Professor, Psychology Department Calvin University; Grand Rapids, MI
1982-2000:	Professor, Psychology Department Dordt Univeristy; Sioux Center, Iowa
June, 1994; 1998	Assistant instructor for an honors psychology seminar, conducted by <i>The Pew Younger Scholars Program</i> ; held at the University of Notre Dame.
May '92-Aug. '93	Visiting Researcher/Lecturer Department of Psychology University of St. Andrews; St. Andrews, Scotland
Fall, 1981 Instructor	Introductory Psychology Texas Christian University; Fort Worth, Texas

TEACHING EXPERIENCE:

Introductory Psychology
Brain and Behavior / Behavioral Neuroscience
Statistics / Experimental Psychology / Research Methods
Psychology and Religion
Health Psychology / Motivation & Emotion
Learning: Theories and Applications / Cognition & Perception
History & Systems of Psychology
Social Psychology
DCM Interim: Human Nature (2006 & 2007); Humor (2011 & 2013)
Kuiper Faculty Orientation Seminar (Interim 2008 & 2009)

PUBLISHED BOOKS, BOOK CHAPTERS, AND ARTICLES:

- Moes, P. & Tellinghuisen, D. (2014). *Exploring Psychology and Christian Faith: An Introductory Guide*. Grand Rapids, MI, Baker Academic and Brazos Press.
- Moes, P. (2010). Minding Emotions: The Embodied Nature of Emotional Self-regulation. *Perspectives on Science and Christian Faith; Special issue on Psychology, Neuroscience and Issues of Faith*, 62(2), 75-87.
- Moes, P. (1999). Brain modules and their multiple ways of knowing: Implications for the unity of the person. *Pro Rege*, 26, 8-16.
- Moes, P. (1984). Past, present, and future directions in learning research. In N. De Jong (Ed.) *Christian Approaches to Learning Theory: A Symposium*. Washington D.C.: University Press of America.

PUBLISHED EMPIRICAL REPORTS: (*represent student co-authors)

- *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(2), 115-130.
- Moes, P., Schilmoeller, K., & Schilmoeller, G. (2009). Physical, motor, sensory and developmental features associated with agenesis of the corpus callosum. *Child: Care, Health and Development*, 35(5), 656-672.
- Moes, P.E, Brown, W.S., & *Minnema, M.T. (2007). Individual differences in interhemispheric transfer time (IHTT) as measured by event related potentials. *Neuropsychologia*, 45, 2626-2630.
- Jeeves, M.A., Ludwig, T.E., Moes, P., Norman, W.D. (2001). Compromised Interhemispheric Processing in Callosal Dysgenesis and Partial Commissurotomy. *Cortex*, 37, 643-664.
- Moes, P., Bussema, K., & Eigenbrood, D. (1999). The use of essay writing as an assessment of personal, affective, and cognitive growth in college students. *Research on Christian Higher Education*, 6, 49-73.
- Jeeves, M.A., & Moes, P. (1996). Interhemispheric transfer time changes related to aging and gender. *Neuropsychologia*, 34, 627-636.

- Moes, P.E., Jeeves, M.A., & Norman, W.D. (1996). The role of attention in bilateral visual matching tasks. *Cortex*, 32, 631-640.
- Moes, P., Jeeves, M.A., & *Cook, K. (1995). Bimanual coordination with aging: Implications for interhemispheric transfer. *Developmental Neuropsychology*, 11, 23-40.
- Moes, P., & McCarthy, R. (1989). *Independent Schools: What Works*. Washington D.C. The Office of Education Research and Improvement (OERI), U.S. Department of Education.
- Gage, F.H., Stenevi, U., Moes, P., & Bjorkland, A. (1983). Anatomical, biochemical, and behavioral factors related to synaptogenesis of the superior cervical ganglion following damage to the central nervous system. In E. Endroczi (Ed.) *Integrative Neurohormonal Mechanisms: Physiological and Clinical Aspects*. Amsterdam: Elsevier.

PRESENTATIONS: (*represent student co-presenters)

- Moes, P., *LeFabre, N., *Brantuo M.A., *Carley, K. & *Hager, M. Experience influences hemisphere differences in approach-avoidance responses to the perception of race, gender and emotional expression. Presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, March, 2019.
- Moes, P., *Jaroh, R., *Kim, E., *Mathews, E. (2016). Left Happy Female, Right Angry Male: Hemisphere Differences in the Perception of Gender and Emotion. Presented at the International Neuropsychological Society Annual Meeting. Boston, MA. Feb, 2016.
- Krehbiel, D., Erber, M., Greene, H., Moes, P., Boylan, M. (2013). Undergraduate Education at the NSF: An Underutilized Source of Funding for Teaching and Research in Psychology. Invited Symposium presented at the Association for Psychological Science Annual Convention, Washington DC. May, 2013.
- Moes, P. (2013). Evoked Potentials: The Probst Bundles," Presented at: "Making Connections: White matter disorders in development & agenesis of the corpus callosum, a scientific salon," San Francisco, California. March, 2013.
- Moes, P. (2013). "What Are Bodies For? How Our Bodies and Brains Make Us Human," Presented at: Faith & Science: A Dialogue (Series funded by Templeton Foundation). Church of the Servant Christian Reformed Church, Grand Rapids, Michigan. March, 2013.
- Moes, P., *Cavanaugh, B. (2013). "Happy Together:" Interhemispheric ERP Synchrony for Happy and Angry Emotion Perception. Presented at the International Neuropsychological Society Annual Meeting, Kona, HI, February, 2013.
- *Wong, J., Moes, P., & Haarsma, L. (2012). Electrophysiological Evidence for Normal Excitatory Intra-hemispheric Synaptic Connections Following Abnormal Development of Corpus Callosum Axons. Presented at the Midwest/Great Lakes Undergraduate Research Symposium in Neuroscience. College of Wooster, OH, September, 2012.
- *Sinclair, J., Haarsma, L. & Moes, P. (2012). Electrophysiological evidence for normal proportions of inhibitory (GABA) intra-hemispheric synaptic connections following abnormal development of corpus callosum axons. Presented at the Midwest/Great Lakes Undergraduate Research Symposium in Neuroscience. College of Wooster, OH, September, 2012.

- Moes, P., *Lier, E., & *Medendorp, W. (2012). Gender Differences in Interhemispheric ERP Synchrony for Non-literal Language (“Jokes”) Processing. Presented at the Annual Meeting of the Cognitive Neuroscience Society, Chicago, IL, March, 2012.
- Moes, P. What can Evolutionary Psychology tell us about sin? Presented at the “Grand Dialogue,” Grand Valley State University, Grand Rapids, MI, April, 2011.
- Moes, P., *Larsen, T. (2011). Hemisphere Specialization and Individual Differences in Processing Familiar Idioms. Presented at the International Neuropsychological Society Annual Meeting, Boston, MA, February, 2011.
- *Wilcoxson, J., *Larsen, T., Moes, P., & Vander Woude J. (2010). Hemispheric Differences in Comprehending Literal and Figurative Meanings of Idioms. Presented at the American Speech-Language-Hearing Association Annual Meeting, Philadelphia, PA., March, 2010
- Moes, P., *Harris, M., & Yonker, J. (2010). Influence of Menstrual Cycle Phase on Hemisphere Interaction for Emotion and Gender Perception. Presented at the International Neuropsychological Society Annual Meeting, Acapulco, MX, February, 2010.
- Moes, P. *Carlson, H., & *Selles, R., (2010). Gender Differences in Hemisphere Specialization for Non-literal Language (“Jokes”) Processing. Presented at the International Neuropsychological Society Annual Meeting, Acapulco, MX, February, 2010.
- Moes, P., *Van Roekel, J., & *Wittingen, K. (2008). Asymmetry of ERP-derived Interhemispheric Transfer Times for Facial Stimuli. Presented at the International Neuropsychological Society Annual Meeting, Kona, HI, February, 2008.
- Vander Woude, J., Moes, P., Bowyer, S., & *Vander Veen, E. (2007). An Adolescent with Agenesis of the Corpus Callosum: A MEG Study of Idiom Comprehension. Presented at the American Speech-Language-Hearing Association Annual Meeting, Boston, MA, Nov., 2007.
- *Klassen, B. & Moes, P. (2007). Hemispheric Specialization in the Processing of Positive and Negative Facial Affect. Presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL, May, 2007.
- *Westbrook, J., *Sinclair, S., & Moes, P. (2007). The Effects of Religious Orientation and Belief Salience on Self-Serving Bias. Presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL, May, 2007.
- Moes, P., *Scheeres, M., & *Klassen, B. (2007). Interhemispheric Interaction of Emotional Processing in Relation to Social & Emotional Behavior. Presented at the International Neuropsychological Society Annual Meeting, Portland, OR, February, 2007.
- Moes, P. Bolt, B., *Medeiros-Ward, N., & *Zuidema, K. (2007). The Effect of Training with the Makoto Apparatus on Neurocognitive Performance. Presented at the International Neuropsychological Society Annual Meeting, Portland, OR, February, 2007.
- Bolt, B. R. & Moes, P. (2006). Comparison of Makoto Training to other Training Conditions: A Preliminary study of Makoto Benefits. Presented at the annual conference of the American Alliance for Health, Physical Education, Recreation and Dance. Salt Lake City, UT, April, 2006.

- Moes, P. (2005). Emotional "Souls:" The Embodied Nature of Emotional Self-regulation. Presented at the Fuller Symposium on the Integration of Faith and Psychology, *Science Faith and Human Nature; Reconciling Neuropsychology and Christian Theology*, Pasadena, CA, February, 2005
- Moes, P., *Minnema, M. & *Griffen, J. (2005). Gender differences in ERP measures of interhemispheric transfer time. Presented at the International Neuropsychological Society Annual Meeting, St. Louis, MO, February, 2005.
- Moes, P., Schilmoeller, G. & Schilmoeller, N. (2005). Agenesis of the Corpus Callosum: Physical, Sensory and Motor Characteristics. Presented at the International Neuropsychological Society Annual Meeting, St. Louis, MO, February, 2005.
- Moes, P. (2002). ACC: Putting the Pieces Together. Presented at the Fourth Annual ACC (Agenesis of the Corpus Callosum) Conference, Minneapolis, MN, July, 2002.
- Moes, P. (2002). Research on the Older Adolescent: Special Issues. Presented at the Fourth Annual ACC (Agenesis of the Corpus Callosum) Conference, Minneapolis, MN, July, 2002.
- *Sheehan, K. & Moes, P. (2002). Gender Differences in Interhemispheric Sharing of Emotional Processing. Presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, March, 2002.
- Schilmoeller, G., Shilmoeller, N., Moes, P. & *Nowak, E. (2002). Agenesis of the Corpus Callosum: Physical Social & Cognitive Characteristics. Presented at the International Neuropsychological Society Annual Meeting, Toronto, ON, Canada, February, 2002.
- Moes, P. (2001). Corpus Callosum Function and Measures of Cognitive Ability. Presented at the International Neuropsychological Society Annual Meeting, Chicago, IL, February, 2001.
- Moes, P. (1998). Brain Modules and their Multiple Ways of Knowing: Implications for the Unity of the Person. Ways of Knowing Conference. Dordt University, Sioux Center, IA, August, 1998.
- Moes, P. & Bussema, K. (1996). Catching the Vision: Assessing College Mission through Essay Writing. Presented at the 101st Annual meeting of the North Central Association of Colleges and Schools. Chicago, IL, 1996.
- Moes, P. & Bussema, K. (1996). Catching the Vision: Essay and Interview Assessment at Dordt College. National Assessment Conference of the Coalition of Christian Colleges and Universities. Cedarville, Ohio, 1996.
- Moes, P. Past, Present, and Future Directions in Learning Research. (1983). Presented at the Trinity Christian College Symposium: Christian Approaches to Learning Theory, Chicago, IL, 1983.
- Moes, P., Gage, F.H. & Kesslak, P. (1982). Functional Aspects of Sympathetic Ingrowth in Relation to Environmental Lighting. Presented at the Southwest Psychological Association Annual Meeting, Dallas, TX, 1982.
- Moes, P. (1981). Changes in Attention Span, Activity, and Levels of 5-HIAA in Hyperactive children Receiving EMG Feedback. Presented at Southwest Psychological Association 26th Annual Convention, Houston, TX, 1981.

Moes, P., Graves, D., Kesslak, P., & Gage, F.H. (1981). Behavioral Function of Sympathetic Sprouting and its Relation to Lighting Conditions and Lighting Cycles. Presented at the Society for Neuroscience Annual Meeting, Los Angeles, CA, 1981.

AWARDS / GRANTS / FELLOWSHIPS:

- 2013 *NSF: Transforming Undergraduate Education in Science (TUES) Proposal number: 043067289NSF. (Co-PI) Funded professional seminar: "Undergraduate Education at the NSF: An Underutilized Source of Funding for Teaching and Research in Psychology." Presented at the Association for Psychological Science Annual Convention, Washington DC. May, 2013.*
- 2011 Sabbatical leave approved for spring of 2012; received companion award from the Calvin Center for Christian Scholarship for two summer stipends related to sabbatical leave.
- 2005 *NSF Division of Biological Infrastructure, Major Research Instrumentation. Proposal Number: 052084. "Acquisition of Electrophysiology Patch-Clamp Equipment to Support Cross-Disciplinary Research and Undergraduate Research Training." Principal Investigator: Loren Haarsma, Co-PI's: Steve Matheson, John Ubels, and Paul Moes.*
- 2002-2003 *NSF Department of Undergraduate Education, Track: Course Curriculum and Laboratory Improvement, Adaptation and Implementation. CDFA Number 47.076. "Adaptation and Implementation of an Electrophysiological Laboratory for Undergraduate Psychology and Physics Students." Principal investigator. (\$12,689)*
- 2001, '02, '05 McGregor Fellowship program: Approved for student assistants
- 2001-2010 Calvin Research Fellowship (5 individual awards)
- 1995 Summer Research Project Grant (Dordt University)
- 1987-1989 U.S. Dept. of Education Grant / Contract Recipient – Principal Investigator (\$42,000)
- 1987 Dordt University Studies Institute Fellow
- 1979-1982 Chemistry of Behavior Research Fellow (Texas Christian University - Annual Stipend)

ATTENDANCE AT SCHOLARLY MEETINGS: (Select Examples)

International Neuropsychology Society Annual Meeting, 1995 - 2016.
Association of Psychological Science Annual Meeting, 2013.
Cognitive Neuroscience Society Annual Meeting, 2002, 2012.
Annual Meeting of the North Central Association of Colleges and Schools,
Chicago, IL, March 1991, 1995, 1996, 1999.

SYNERGISTIC PROFESSIONAL ACTIVITIES:

NSF Department of Undergraduate Education Panel reviewer (2002-2016)

I have served on seven review panels for the National Science foundation. These panels review grant applications for the Division of Undergraduate Education: Course Curriculum, Course, Curriculum, and Laboratory Improvement Program-Adaptation and Implementation, which later became TUES (Transforming Undergraduate Education in Science).

NCA Self-Study Coordinator / Assessment Director / Consultant

This one-half-time position as Director of Student Assessment and coordinator for the North Central Accreditation Association (NCA) self-study involved directing the activity of two committees and developing assessment activities for the general education program at Dordt University. The Assessment Director position involved the planning and administration of assessment activities, as well as the analysis and reporting of assessment results. I continue to coordinate, along with another faculty member, the assessment activities of the Psychology Department at Calvin University. I also chaired the 10-year self-study for the Calvin University Psychology Department (2010). I occasionally act as a consultant to other colleges, assisting them in developing effective programs for assessment and accreditation (i.e., Kuyper College, Wheaton College Psychology Department, Trinity Christian College Psychology Department).

Research Consultant

As part of a contractual arrangement with nine hospitals and several public and private health agencies, I conducted a health needs assessment of four counties in northwest Iowa in 1997. The data returned from over 1,000 households was used in developing funding proposals for hospital and public health grants. A follow-up survey was completed in the spring of 2001.

INSTITUTIONAL ASSIGNMENTS OTHER THAN TEACHING:

Psychology Department Chairperson (2013-Present)
West Michigan Regional Lab Board (2012-2018)
Kuyper College Institutional Review Board (2011-Present)
Chair: Core Curriculum Committee (2007-2010)
Faculty Senate (2004-2007)
Member/Chair: CCCS Governing Board (2001-2004; 2013)
Chair: North Central Association Self-Study Steering Committee, Dordt University (1999-2000)
Assessment Director, Dordt University (1993-2000)
Chair: Student Assessment Committee, Dordt University (1991-1995)
North Central Association Self-Study Steering Committee, Dordt University (1989-1991)
Social Work Accreditation Committee, Dordt University (1982-1991)

PROFESSIONAL JOURNALS & PROFESSIONAL SOCIETIES:

Journals: Psychological Science; Current Directions in Psychological Science
Member: Association for Psychological Science
Member: Cognitive Neuroscience Society (2001-2005; 2012-2013; 2019-2020)

COMPUTER & LABORATORY SKILLS:

SPSS/PC+ for Windows (statistical package)
EEG/ERP testing
Patch-clamp electrophysiology of *in vitro* nerve cells
Human & Animal behavior analysis (operant & classical conditioning)

COMMUNITY SERVICE:

Board member for the National Organization of Disorders of the Corpus Callosum
(2003-2008)

REFERENCES:

Professor Malcolm A. Jeeves, Ph.D., C.B.E.

Emeritus Professor, Department of Psychology
University of St. Andrews
St. Andrews, Fife, Scotland, U.K. KY16 9JU
<jeeves@onetel.net.uk>

Professor Warren S. Brown, Ph.D.

Fuller Seminary / School of Psychology
135 N. Oakland Ave.
Pasadena, CA 91182

Professor David G. Myers

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Schaap Science Center, Hope College
35 E. 12th St.
Holland, MI 49423-3605