

Vita

Eric C. Odgaard

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Personal Information

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Education: B.A., University of Nebraska – Lincoln, 1996
M.A., University of Nebraska – Lincoln, 1998
Ph.D., University of Nebraska – Lincoln, 2000
Major Emphasis: Experimental Psychology
Minor Emphasis: Quantitative Methods
Cross-modal Equivalence of Auditory and Visual Displays of 2-D Data

Professional Experience

Assistant Professor of Psychology, University of South Florida St. Petersburg,
2004 – present.

Postdoctoral Fellow, John B. Pierce Laboratory, 2000 – 2004.

Postdoctoral Fellow, Yale University School of Medicine, 2000 – 2004.

Publications

Odgaard, E.C. (2008). On standardized assessment. *Thought & Action*, 24, 156-157.

Marks, L.E., & Odgaard, E.C. (2005). Developmental constraints on theories of synaesthesia. In L. Robertson and N. Sagiv (Eds.), *Synaesthesia: Perspectives from Cognitive Neuroscience*. New York: Oxford University Press.

Neff, D.L., & Odgaard, E.C. (2004). Sample discrimination of frequency differences with distracters. *Journal of the Acoustical Society of America*, 116, 3051-3061.

Odgaard, E.C., Arieh, Y., & Marks, L.E. (2004). Brighter noise: Sensory enhancement of perceived loudness by concurrent visual stimulation. *Cognitive, Affective, & Behavioral Neuroscience*, 4, 127-132.

Odgaard, E.C., Arieh, Y., & Marks, L.E. (2003). Cross-modal enhancement of perceived brightness: Sensory interaction versus response bias. *Perception & Psychophysics*, 65, 123-132.

Gound, T.G., Riehm, R.J., Odgaard, E.C., & Makkawy, H. (2001). Effect of spreader and accessory cone size on density obturation using conventional or mechanical lateral condensation. *Journal of Endodontics*, 27(5), 358-361.

Odgaard, E.C. (2000). Self-report rating scales. *Monitor on Psychology*, 31, 8.

Gound, T.G., Riehm, R.J., Makkawy, H.A., & Odgaard, E.C. (2000). A description of an alternative method of lateral condensation and a comparison of the ability to obturate canals using mechanical or traditional lateral condensation. *Journal of Endodontics*, 26(12), 756-759.

Odgaard, E.C., Flowers, J.H., & Bradman, H.L. (1999). Cognitive and perceptual dynamics of a colour-digit synaesthete. *Perception*, 28(5), 651-664.

Presentations

Odgaard, E.C. (2005). *The not-quite-separate senses: Visual/auditory interactions in perceived intensity*. Invited talk presented as the keynote speaker at the Sigma Chi Awards Banquet, Eckerd College, St. Petersburg, FL. April 2005.

Marks, L.E., & Odgaard, E.C. (2003). *Synesthesia: Then and now*. Invited talk presented at the 3rd Annual National Meeting of the American Synesthesia Association, Rockefeller University, New York, NY.

Odgaard, E.C., Arieh, Y., & Marks, L.E. (2003). *Asymmetric interactions between light and sound: Response biases versus sensory enhancement*. Paper presented at the 4th Annual meeting of the International Multisensory Research Forum, Mc Master University, Hamilton, ON.

Arieh, Y., Odgaard, E.C., & Marks, L.E. (2002). *Cross-modal interaction between light and sound: An accuracy-speed analysis*. Poster presented at the 43rd Annual meeting of the Psychonomic Society, Kansas City, MO.

Neff, D.L., Odgaard, E.C., & Jesteadt, W. (2002). *Sample discrimination of frequency differences with irrelevant context – revisited*. Poster presented at the 143rd Meeting of the Acoustical Society of America, Pittsburgh, PA.

Odgaard, E.C., & Marks, L.E. (2002). *Anorthoscopic perception in three modalities*. Paper presented to the Tactile Research Group, a satellite conference of the Psychonomic Society, Kansas City, MO.

Odgaard, E.C., Arieh, Y., & Marks, L.E. (2001). *Cross-modally induced response bias in brightness judgments*. Poster presented at the 42nd Annual meeting of the Psychonomic Society, Orlando, FL.

Odgaard, E.C. (2001). *Involuntary but elicited: Cognitive effects of a scientifically ignored criterion*. Invited talk presented at the 1st Annual National Meeting of the American Synesthesia Association, Princeton University, Princeton, NJ.

Flowers, J.H., & Odgaard, E.C. (2000). *Neural and cognitive implications of a synaesthete's performance on selective attention tasks*. Paper presented at the 2nd Annual International Multisensory Research Conference, Terrytown, NY.

Odgaard, E.C. (2000). *Listening to shapes: The cross-modal equivalence of vision and audition in the presentation of 2-D shapes*. Poster presented at the 2nd Annual International Multisensory Research Conference, Terrytown, NY.

- Flowers, J.H., Odgaard, E.C., & Cherry, J.C. (1999). *Mental representation of structure obtained from visual and auditory displays of spatial quantitative information*. Paper presented at the 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Neff, D.L., Odgaard, E.C., Jesteadt, W., and Dai, H. (1999). *Factors accounting for performance in a frequency-sample-discrimination task with distracters*. Paper presented at the 138th meeting of the Acoustical Society of America, Columbus, OH.
- Odgaard, E.C. (1999). *The use of effect size estimates in the reporting of research findings*. An invited talk given to the faculty of Boys Town National Research Hospital, Omaha, NE.
- Odgaard, E.C. (1998). *Cognitive and perceptual dynamics of a color-digit synesthete*. Paper presented at the Great Plains Student Convention.
- Odgaard, E.C., Flowers, J.H., Buhman, D.C., Cherry, J., & Turnage, K.D. (1998). *Perceptual equivalence and non-equivalence of auditory pitch-time displays and visual X-Y representations*. Paper presented at the International Conference on Auditory Display, Scotland.
- Flowers, J.H., & Odgaard, E.C. (1997). *Performance patterns of a color-digit synesthetic*. Paper presented at the 38th Annual Meeting of the Psychonomic Society, Philadelphia, PA.
- Odgaard, E.C. (1997). *Impact of the Stroop effect on a color-digit synesthete*. Paper presented at the Show Me State Mental Conference, University of Missouri, Columbia, MO.

External Funding

National Institute on Deafness and other Communication Disorders, *Cross-modal equivalence of spatial data displays*, 2000 – 2003. National Research Service Award (#F32 DC00463-01), total cost \$152,000.

Professional Affiliations

Acoustical Society of America
International Multisensory Research Forum
Psychonomic Society

Other Professional Experience

Host, Organizer, and Moderator: 6th Annual National Conference of the American Synesthesia Association, USFSP, January 26 – 28, 2007
Outside consultant, NSF grant proposal review, 2004, 2005.
Outside consultant, Israel Science Foundation, 2005.
Merit Review Panel member (methodological and statistical expertise) for the Department of Veterans Affairs, 2003 – present.

Ad Hoc Editorial Consultations:

British Journal of Psychology

Cognition

Cortex

European Journal of Cognitive Psychology

Journal of the Association for Research in Otolaryngology

Journal of Experimental Psychology: Human Perception & Performance

Journal of Rehabilitation Research and Development

Music Perception

Perception

Perception & Psychophysics

Proceedings of the National Academy of Sciences

Proceedings of the Royal Society of London, B

Psychological Science