

James L. Dannemiller
 Lynette S. Autrey Chair in Social Science
 Rice University

Curriculum Vitae
 November 10, 2008

Contact Information

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Formal Education:

Northwestern University (1974) B.A. in Psychology
 University of Texas at Austin (1983) Ph.D. in Developmental Psychology
 Title of Dissertation: "The Development of Light Adaptation in Human Infants"

Positions Held:

1978 - 1983	Research Assistant, University of Texas, Austin
1983 - 1989	Assistant Professor, University of Wisconsin, Madison
1989 - 1994	Associate Professor, University of Wisconsin, Madison
1994 - 2003	Professor, University of Wisconsin, Madison
2004 - present	Lynette S. Autrey Chair in Psychology, Rice University

Recent Honors:

Distinguished Visitor, Ben Gurion University, Be'er Sheva, Israel Nov-Dec, 2006
 Chair, APA Council of Editors - June, 2002 through June, 2003
 Fellow of Divisions 3 & 7, APA
 University of Wisconsin Chancellor's Award for Distinguished Teaching - 1999
 Vilas Associate - University of Wisconsin - 1997 & 1998
 Psychology Department Teaching Award - 1995

Professional Service Past and Present:

Editor	<i>Developmental Psychology</i> (1999-2004)
Associate Editor	<i>Developmental Psychology</i> (December, 1994 - December, 1998)

Editorial Boards:	<i>Child Development</i> (1994-1995)
	<i>Infant and Child Development</i> (current)

National Science Foundation: Grant Review Panel Member, Human Cognition and Perception Panel (October, 2000 - May, 2002; November, 2008)

University of Wisconsin Letters and Sciences Institutional Review Board (IRB) August 2002 - August 2005

Cognition and Perception Study Section, NIH, Ad Hoc Member, February, 2004

National Science Foundation: Grant Review Panel Ad Hoc Member, Developmental and Learning Sciences (November, 2005)

Rice University Institutional Review Board (IRB) August 2007 - present

Reviewer for: *Infant Behavior and Development*
Vision Research
Perception & Psychophysics
Behavioral & Brain Sciences
Journal of Experimental Child Psychology
Journal of Experimental Psychology: Human Perception & Performance

Publications:

1. Banks, M. S., Stephens, B. S., & Dannemiller, J. L. (1982). A failure to observe negative preference in infant acuity testing. *Vision Research*, 22, 1025-1031.
2. Dannemiller, J. L., Banks, M. S., Stephens, B. S., & Hartmann, E. E. Eye movements of preschool children: A reply to Kowler and Martins (1982). *Science*, 222, 75.
3. Dannemiller, J. L., & Banks, M. S. (1983). The development of light adaptation in human infants. *Vision Research*, 23, 599-609.
4. Dannemiller, J. L., & Banks, M. S. (1983). Can selective adaptation account for early infant habituation? *Merrill-Palmer Quarterly*, 29, 151-158.
5. Dannemiller, J. L. (1984). Infant habituation criteria: I. A Monte Carlo study of the 50% decrement criterion. *Infant Behavior and Development*, 7, 147-166.
6. Dannemiller, J. L. (1985). Infancy research matures. *Contemporary Psychology*, 30, 541-542.
7. Dannemiller, J. L. (1985). The early phase of dark adaptation in human infants. *Vision Research*, 25, 207-212.

8. Dannemiller, J. L., & Banks, M. S. (1986). Testing models of infant habituation. *Merrill-Palmer Quarterly*, 32, 87-91.
9. Banks, M. S., & Dannemiller, J. L. (1987). Infant visual psychophysics. In P. Salapatek & L. B. Cohen (Eds.), *Handbook of infant perception*. Academic Press, Orlando, pp. 115 --184.
10. Freedland, R., & Dannemiller, J. (1987). Detection of stimulus motion in 5-month-olds. *Journal of Experimental Psychology: Human Perception and Performance*, 13, 566-576.
11. Dannemiller, J., & Hanks, S. (1987). A test of color constancy in 4-month-olds. *Journal of Experimental Child Psychology*, 42, 255-267.
12. Dannemiller, J. L., & Stephens, B. S. (1988). A critical test of infant pattern preference models. *Child Development*, 59, 210-216.
13. Dannemiller, J., & Braun, A. (1988). The perception of chromatic figure/ground relationships in 5-month-olds. *Infant Behavior and Development*, 11, 31-42.
14. Dannemiller, J., & Freedland, R. (1989). The detection of slow stimulus movement in 2- to 5-month-olds. *Journal of Experimental Child Psychology*, 47, 337-355.
15. Dannemiller, J. (1989). A test of color constancy in 9- and 20-week-old human infants following simulated illuminant changes. *Developmental Psychology*, 25, 171-184.
16. Dannemiller, J. (1989). Computational approaches to color constancy: Adaptive and ontogenetic considerations. *Psychological Review*, 96, 255-266.
17. Dannemiller, J., & Ver Hoeve, J. (1990). Two-dimensional approach to psychophysical orientation tuning. *Journal of the Optical Society of America A*, 7, 141-151.
18. Dannemiller, J. (1991). Lightness is not illuminant invariant: A reply to Troost and de Weert. *Psychological Review*, 98, 146-148.
19. Dannemiller, J., & Freedland, R. (1991). Detection of relative motion by human infants. *Developmental Psychology*, 27, 67-78.
20. Dannemiller, J., & Freedland, R. (1991). Speed discrimination in 20-week-old infants. *Infant Behavior and Development*, 14, 163-173.

21. Dannemiller, J., & Banks, M. (1991). Selective adaptation and infant habituation revisited. A reply to Ackles and Karrer. *Merrill-Palmer Quarterly*, 37, 631-640.
22. Dannemiller, J. L. (1992). Color is as color does. *Behavioral and Brain Sciences*, 15, 33-34.
23. Dannemiller, J. (1992). Spectral reflectance of natural objects: How many basis functions are necessary? *Journal of the Optical Society of America A*, 9, 507-515.
24. Balaban, M. T., & Dannemiller, J. L. (1992). Age differences in attention to temporally modulated patterns at 6 and 12 weeks. *Infant Behavior and Development*, 15, 359-375.
25. Dannemiller, J. (1993). Rank orderings of photoreceptor photon catches from natural objects are nearly illuminant-invariant. *Vision Research*, 33, 131-140.
26. Babler, T. G., & Dannemiller, J. L. (1993). Role of image acceleration in judging landing location of free-falling projectiles. *Journal of Experimental Psychology: Human Perception and Performance*, 19, 15-31.
27. Dannemiller, J., & Freedland, R. (1993). Motion-based detection by 14-week-old infants. *Vision Research*, 33, 657-664.
28. Dannemiller, J. (1994). Reliability of motion detection by young infants measured with a new signal detection paradigm. *Infant Behavior & Development*, 17, 101-105.
29. Dannemiller, J. L. & Nagata, Y. (1995). The robustness of infants' detection of visual motion. *Infant Behavior & Development*, 18, 371-389.
30. Freedland, R. & Dannemiller, J. (1996). Nonlinear pattern vision processes in early infancy. *Infant Behavior & Development*, 19, 21-32.
31. Dannemiller, J. L., Babler, T., & Babler, B. (1996). On catching fly balls. *Science*, 273, 256-257.
32. Nagata, Y., & Dannemiller, J. L. (1996). The selectivity of motion driven visual attention in infants. *Child Development*, 67, 2608-2620.
33. Roessler, J., & Dannemiller, J. (1997). Changes in human infants' sensitivity to slow displacements over the first 6 months. *Vision Research*, 37, 417-423.
34. Dannemiller, J., Heidenreich, S., & Babler, T. (1997). Spatial sampling of motion: Seeing an object moving behind a picket fence. *Journal of*

Experimental Psychology: Human Perception and Performance, 23, 1323 - 1342.

35. Dannemiller, J. (1998). Color constancy and color vision during infancy: Methodological and empirical issues. In V. Walsh & J. Kulikowski (Eds.), *Perceptual Constancies: Why things look as they do*, pp. 229-261. Cambridge: Cambridge University Press.
36. Dannemiller, J. L. (1998). A competition model of exogenous orienting in 3.5-month-old infants. *Journal of Experimental Child Psychology*, 68, 169-201.
37. Dannemiller, J. L. (1998). Temporal modulation enhances the efficiency of spatial offset discriminations by 6-month-olds. *Vision Research*, 38, 2127-2134.
38. Dannemiller, J. L., & Stephens, B. R. (1998). Contrast gain control in psychophysical contrast discrimination. *Perception & Psychophysics*, 60, 1153-1163.
39. Dannemiller, J. L., & Epstein, W. (1999). Constraining the use of constraints. *Behavioral and Brain Sciences*, 22, 373.
40. Mondloch, C., Lewis, T., Budreau, D. R., Maurer, D., Dannemiller, J. L., Stephens, B. R., & Kleiner-Gathercoal, K. A. (1999). Face perception during early infancy. *Psychological Science*, 10, 419 -422.
41. Ross, S. M., & Dannemiller, J. L. (1999). Color contrast, luminance contrast and competition within exogenous orienting in 3.5-month-old infants. *Infant Behavior & Development*, 22, 383-404.
42. Dannemiller, J. L., & Stephens, B. R. (2000). Contrast discrimination under temporally varying contrast conditions. *Perception & Psychophysics*, 62, 1039-1051.
43. Dannemiller, J. L. (2000). Competition in early exogenous orienting between 7 and 21 weeks. *Journal of Experimental Child Psychology*, 76, 253-274.
44. Dannemiller, J. L. (2001). Brain-behavior relationships in early visual development. In C. A. Nelson, & M. Luciana (Eds.), *Handbook of developmental cognitive neuroscience*, pp. 221-235. Cambridge: MIT Press.
45. Dannemiller, J.L., & Stephens, B.R. (2001). Asymmetries in contrast polarity processing in young human infants. *Journal of Vision*, 1(2), 112-125, <http://journalofvision.org/1/2/5>, DOI 10.1167/1.2.5
46. Dannemiller, J. L. (2001). Testing models of attentional capture during early

infancy. In C. Folk and B. Gibson (eds.), *The Villanova Conference on Attentional Capture*, pp. 265-291. New York: Elsevier Science.

47. Dannemiller, J. L. (2002). Relative color contrast drives competition in early exogenous orienting. *Infancy*, 3, 275-301. (lead article)
48. Dannemiller, J. L. (2002). Lack of evidentiary criteria for exaptations? *Behavioral and Brain Sciences*, 25, 512-513.
49. Petersik, J. T., & Dannemiller, J. L. (2004). Factors influencing the ability to detect motion reversals in rotation simulations. *Spatial Vision*, 17, 201-234.
50. Dannemiller, J. L. (2004). Variations in birth weight within in the normal range are related to visual orienting in infancy for boys but not for girls. *Infant Behavior and Development*, 27, 204-215.
51. Dannemiller, J. L. (2005). Evidence against a maximum response model of exogenous visual orienting during early infancy and support for a dimensional switching model. *Developmental Science*, 8, 567-582.
52. Dannemiller, J. L. (2005). Motion pop-out in selective visual orienting at 4.5 but not at 2 months in human infants. *Infancy*, 8, 201-216.
53. Lunsford, M., & Dannemiller, J. L. (2006). Additive effects in a Rod-and-Frame illusion estimated by Response Classification. *Journal of Vision*, 6, 366-378.
54. Schmuckler, M. A., Collimore, L. A., & Dannemiller, J. L. (2007). Infants' reactions to object collision on hit and miss trajectories. *Infancy*, 12, 105-118.
55. Iliescu, B., & Dannemiller, J. L. (2008). Brain-behavior relationships in early visual development. In C. A. Nelson, & M. Luciana (Eds.), *Handbook of developmental cognitive neuroscience*, 2nd Edition. Cambridge: MIT Press.

Papers and Chapters In Press, Submitted or In Preparation:

1. Williams, A. L., Lasky, R. E., Dannemiller, J. L., Andrei, A-M., & Thomas, E.J. (In Press). Teamwork behaviors and errors during neonatal resuscitation. *Quality and Safety in Health Care*.
2. Dannemiller, J. L., & Brauer, A. (in revision). Dual uninformative cues that differ in intensity produce graded response facilitation. *Perception & Psychophysics*.
3. Dannemiller, J. L., & Stephens, B. R. Suppression of orienting by infants to a moving stimulus and feature competition. *Manuscript in preparation*.

4. Dannemiller, J. L. Converging evidence for a dimensional switching model of exogenous orienting during early infancy. *Manuscript in preparation.*

Conference Presentations and Invited Addresses:

- Dannemiller, J. L. (1980). The use of a criterion in the infant habituation paradigm. International Conference on Infant Studies, New Haven.
- Dannemiller, J. L., & Banks, M. S. (1982). Light adaptation in human infants. International Conference on Infant Studies, Austin.
- Dannemiller, J. L. (1983). Early dark adaptation in human infants. Society for Research in Child Development, Detroit.
- Dannemiller, J. L. (1984). The development of light adaptation in human infants. International Conference on Infant Studies, New York.
- Banks, M. S., Dannemiller, J. L., & Manny, R. E. (1984). A model of steady-state accommodation. Association for Research in Vision and Ophthalmology, Sarasota.
- Dannemiller, J. L., & Hanks, S. A. (1985). A test of color constancy in 4-month-olds. Society for Research in Child Development, Toronto.
- Dannemiller, J. L., & Stephens, B. S. (1986). A critical test of infant pattern preference models. International Conference on Infant Studies, Los Angeles.
- Dannemiller, J. L., & Ver Hoeve, J. S. (1986). Asynchronous maturation of visual system structures: Lessons from color blindness. International Conference on Infant Studies, Los Angeles.
- Freedland, R., & Dannemiller, J. (April, 1987). Detection of stimulus motion in 5-month-olds. Society for Research in Child Development.
- Dannemiller, J., & Freedland, R. (April, 1988). Detection of slow stimulus movement in young infants. International Conference on Infant Studies, Washington, D. C.
- Dannemiller, J., & Babler, T. (May, 1988). Perception of spatially sampled motion. Association for Research in Vision and Ophthalmology, Sarasota, Florida.
- VerHoeve, J., & Dannemiller, J. (May, 1988). A two-dimensional approach to Psychophysical Orientation tuning. Association for Research in Vision and Ophthalmology.
- Balaban, M., & Dannemiller, J. (October, 1988). Cardiac and behavioral aspects of visual preferences in young infants. Society for Psychophysiological Research, San Francisco, CA.
- Heidenreich, S., Babler, T., & Dannemiller, J. (May, 1989). Mechanisms underlying the perception of spatially sampled motion. Presentation at the Annual meeting of The Association for Research in Vision and Ophthalmology, Sarasota.
- Dannemiller, J., Freedland, R., & Balaban, M. (May, 1989). Discrimination of types of relative motion by human infants. Presentation at the Annual meeting of The Association for Research in Vision and Ophthalmology, Sarasota.

- Dannemiller, J. (June, 1989). Detection of motion by human infants. Invited address, Department of Physiological Optics, University of Alabama, Birmingham.
- Balaban, M., & Dannemiller, J. (October, 1989). Recognition of novel visual patterns in young infants: Cardiac responses and visual fixation. Society for Psychophysiological Research, New Orleans.
- Dannemiller, J. (May, 1990). Speed discrimination in human infants. Presentation at the Annual meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Freedland, R., & Dannemiller, J. (May, 1990). Evidence for a nonlinear pattern vision process in 12-week-old human infants. Presentation at the Annual meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Dannemiller, J. L., & Freedland, R. L. (May, 1991). Detection of standing wave motion by human infants. Presentation at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Heidenreich, S. M., & Dannemiller, J. L. (May, 1991). Nonlocal pattern information affects motion interference. Presentation at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Dannemiller, J. L. (May, 1991). Detection of motion by human infants. Invited address. Annual Meeting of the Midwestern Psychological Association, Chicago.
- Dannemiller, J. L. (May, 1992). Speed determines infants' detection of standing wave motion. Presentation at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Dannemiller, J. L. (1992). Two studies of early sensitivity to motion. School of Optometry, University of California-Berkeley, November.
- Dannemiller, J. L. (1993). Converging evidence for infants' sensitivity to visual motion. Paper presented at the meeting of the Society for Research in Child Development, New Orleans.
- Dannemiller, J. (1993). Infants' detection of dynamic changes in line orientation. Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May.
- Dannemiller, J. (1993). Research on early sensory/perceptual development. Twentieth Anniversary Celebration of the Waisman Center on Mental Retardation and Human Development. Madison, September 9.
- Dannemiller, J. L. (May, 1994). Infants' detection of traveling and standing wave line motion. Presentation at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Dannemiller, J. L. (June, 1994). Infants' sensitivity to standing and traveling wave motion. International Conference on infant Studies, Paris, France.
- Roessler, J. & Dannemiller, J. (March, 1995). Development of motion sensitivity in infants 12 to 24 weeks. Presentation at the Society for Research in Child Development, Indianapolis.
- Roessler, J. & Dannemiller, J. (May, 1995). Infants' sensitivity to slow displacements over the first six months. Presentation at the Annual

- Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Nagata, Y. & Dannemiller, J. (May, 1995). Infants' detection of target motion is affected by visual field heterogeneity. Presentation at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Rogers, S., Li, H.-C., & Dannemiller, J. (May, 1995). Scaling not disparity curvature explains 3-D shape perception. Presentation at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota.
- Nagata, Y. & Dannemiller, J. (October, 1995). Infants' attention to motion under conditions of visual field heterogeneity. Presentation at the 59th Meeting of the Japanese Psychological Association, Okinawa, Japan.
- Dannemiller, J. (March 15, 1996). Visual Motion Sensitivity Early in Development. Invited talk, Department of Psychology, University of Toronto.
- Nagata, Y., Dannemiller, J., & Wagner, K. (April, 1996). Infants' attention to motion onset is distracted by static distractors. Presentation at the Association for Research in Vision and Ophthalmology, Ft. Lauderdale.
- Dannemiller, J., & Stephens, B. (April, 1996). The influence of temporal factors on spatial contrast discrimination. Presentation at the Association for Research in Vision and Ophthalmology, Ft. Lauderdale.
- Li, Hyung-Chul, Dannemiller, J., & Epstein, W. (November 1, 1996) Perceiving direction reversals in rotating random dot cylinders. Presentation at the Meeting of the Psychonomic Society, Chicago.
- Dannemiller, J. (November 1, 1996). Perception in action: What have we learned from chasing fly balls? Invited address, Vrije Universiteit, Amsterdam, The Netherlands.
- Dannemiller, J. (November 21, 1996). Catching fly balls: A grounded case of perception and action. Invited address, Center for Research in Learning, Perception and Cognition, University of Minnesota.
- McAvery, S., Pruitt, A., Stephens, B., & Dannemiller, J. (April, 1997). Contrast gain control: temporal factors in contrast discrimination. Southeastern Psychological Association, Atlanta.
- Dannemiller, J. L. (April 5, 1997). Separating position and motion sensitivity in early visual development. Society for Research in Child Development, Washington, D.C.
- Stephens, B. R. & Dannemiller, J. L. (May, 1997). Contrast gain control in contrast discrimination. Association for Research in Vision and Ophthalmology, Ft. Lauderdale.
- Li, H.-C. & Dannemiller, J. L. (May, 1997). Perceiving direction reversals in structure-from-motion. Association for Research in Vision and Ophthalmology, Ft. Lauderdale.
- Dannemiller, J. L. (April, 1998). A competition model of early exogenous orienting. Paper presented at the International Conference on Infant Studies, Atlanta.
- Stephens, B., Bundrick, C., & Dannemiller, J. L. (May, 1998). Contrast gain control and spatial frequency bandwidth. Association for Research in Vision and

Ophthalmology, Ft. Lauderdale.

- Lewis, T., Mondloch, C., Budreau, D., Maurer, D., Dannemiller, J., Stephens, B., & Kleiner, K. (April, 1998). Face perception in young infants. International Conference on Infant Studies, Atlanta.
- Dannemiller, J. L. (February, 2000). Early selective attention. Invited presentation - consultant for Sackler Panel on funding for perceptual, attentional and cognitive development, New Orleans.
- Dannemiller, J. L. (May, 2000). Visual orienting in infants with multiple targets in the visual field. Association for Research in Vision and Ophthalmology, Ft. Lauderdale.
- Dannemiller, J. L. (June 3, 2000). Competition in Stimulus-Driven Orienting During Early Infancy. Invited talk, Villanova Capture Conference, Sponsored by NSF. Villanova University.
- Dannemiller, J. L. (May 1, 2001). Infants' detection of a moving target among static distractors: Test of a maximum response model. Association for Research in Vision and Ophthalmology, Ft. Lauderdale.
- Dannemiller, J. L. (October 6, 2001). Forced-choice preferential looking and exogenous orienting in infancy. McDonnell Workshop on Infant Looking Time Methods, Tarrytown, NY.
- Dannemiller, J. L. (January 6, 2002). Modeling exogenous orienting in human infants: Motion pops-out (sometimes). Invited talk, Department of Psychology, Washington University, St. Louis, MO.
- Dannemiller, J. L. (May 6, 2002). Modeling exogenous orienting in human infants: Motion pops-out (sometimes). Invited talk, Department of Psychology, University of Houston, Houston, TX.
- Stephens, B., & Dannemiller, J. L. (May 10, 2002). Decruitment effects for magnitude estimates of pattern contrast. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Dannemiller, J. L. (May 14, 2002). Motion pop-out in young human infants. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Dannemiller, J. L. (February, 2003). Current trends in developmental psychology. Invited address, University of Texas at Austin Graduate Alumnae Conference, Austin, TX.
- Dannemiller, J. L. (April, 2003). Dimensional switching across trials in infant visual orienting. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- Stephens, B. R., Dannemiller, J. L., & Diebel, J. (May, 2003). Contrast decruitment is reduced in matching procedure. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Ward, A. W., Stephens, B. R., & Dannemiller, J. L. (May, 2003). Adult perception of schematic faces that infants prefer. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Dannemiller, J. L. (May, 2003). A dimensional switching model of early visual orienting in human infants. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Dannemiller, J. L. (March 4, 2004). Modeling exogenous orienting in human infants.

Colloquium, Department of Neurobiology and Anatomy, University of Texas Health Science Center at Houston.

- Dannemiller, J. L. (October 13, 2004). Modeling orienting to multi-element displays in human infants. Colloquium, School of Optometry, University of Houston, Houston, TX.
- Dannemiller, J. L. (May, 2005). A contrast polarity heterogeneity effect in infant visual orienting. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Dannemiller, J. L. (November, 2005). Competition and Models of Exogenous Orienting by Human Infants. Invited talk, Cognoscenti Series, Department of Psychology, Texas A & M University, College Station, TX.
- Dannemiller, J. L., & Lunsford, M. (May, 2006). Perceptual integration with parabolic contours. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Braun, A., & Dannemiller, J. L. (May, 2006). Dual uninformative cues and graded facilitation. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Dannemiller, J. L. (November, 2006). Contrast and element density effects in infant visual orienting. Zlotowski Neuroscience Center, Ben Gurion University, Be'er Sheva, Israel.
- Dannemiller, J. L. (November, 2006). Modeling visual orienting in human infants. Department of Psychology, Ben Gurion University, Be'er Sheva, Israel.
- Dannemiller, J. L. (December, 2006). Birth weight and infant visual orienting. Developmental Forum, Ben Gurion University, Be'er Sheva, Israel.
- Hamel, M., & Dannemiller, J. L. (May, 2007). Element grouping with semicircular contours. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Boyer, J., & Dannemiller, J. L. (May, 2007). The effects of unattended congruency on attended targets. Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Illiescu, B., & Dannemiller, J. L. (May, 2007). Opposite directions of motion enhance the perception of stereoscopic depth. Annual Meeting of the Vision Sciences Society, Sarasota, FL.

Teaching:

- Undergraduate: Statistics
 Pollution and Psychological Development
- Graduate: Early Sensory, Perceptual and Attentional Development
 Vision Science
 Vision and Visual Development

Grant History:

Funded:

- Infant pattern vision. Biomedical Research Support Grant, 1983-1984, \$9,800.
- A preliminary test of pupillometry with infants. Wisconsin Alumni Research Foundation, 1984-1985, \$12,300.
- Tests for the development of chromatic opponency during infancy.

Wisconsin Alumni Research Foundation, 1985-1986, \$13,800.
 Development of color vision. Wisconsin Alumni Research Foundation,
 1986-1987, \$9,936.
 Development of motion perception. NIH-NICHHD, 8-01-87 through 7-31-90,
 \$129,513.
 Development of motion perception. NIH-NICHHD, 8-01-90 through 7-31-95,
 \$304,376.
 The development of selective visual attention. NIH-NICHHD, 8-01-96
 through 7-31-2001, Direct + Indirect Costs: \$130,000 per year.
 The development of selective visual attention. NIH-NICHHD, 8-01-2001
 through 7-31-2008. Direct \$180,000 per year

Professional Organizations:

American Psychological Society
 American Psychological Association
 Society for Research in Child
 Development

International Society for Infant Studies
 Vision Sciences Society