

Laura A. Carlson
CURRICULUM VITA

Personal Information

Work Address:
118-D Haggard Hall
Department of Psychology
University of Notre Dame
Notre Dame, IN 46556
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e-mail: lcarlson@nd.edu
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Home Address:
3451 Stone Briar Drive
South Bend, IN 46628
(574) 243-7512

Educational History

High school: Winchester High School
Undergraduate: Dartmouth College
Graduate: Michigan State University, East Lansing, Michigan, M.A. (1991)
University of Illinois, Urbana-Champaign, Ph.D. (1994)

Positions

Academic

2008 – present Professor of Psychology, University of Notre Dame
1999 – 2008 Associate Professor of Psychology, University of Notre Dame
1994 - 1999 Assistant Professor of Psychology, University of Notre Dame

Administrative

2009- current Associate Dean of Professional Development, The Graduate School
2007 - 2009 Associate Chair, Psychology, University of Notre Dame
2001 - 2005 Director of Graduate Studies, Psychology, University of Notre Dame

Professional

2008 – present Associate Editor, *Journal of Experimental Psychology: Learning, Memory and Cognition*
2008 – present Secretary-Treasurer, Psychonomic Society
2005 – 2008 Associate Editor, *Memory & Cognition*
2003 - present Editorial Board, *Perception & Psychophysics*
2005 – present Editorial Board, *Visual Cognition*
2006 – 2008 Program Committee, Midwestern Psychological Association
2005 – present Local Representative, Midwestern Psychological Association
2005 – present Consultant in Spatial Cognition, Sandia National Labs
2009 National Science Foundation, Cross-Directorate Review Panel (CDI)

2005 National Science Foundation, Cross-Directorate Review Panel
2001 National Science Foundation, SBE Advance Grant Review Panel
1999-2000 National Science Foundation SBE POWRE Grant Review Panel

Ad hoc Reviewer for:

National Science Foundation, Human Cognition and Perception Program
National Science Foundation, Linguistics Program
National Science Foundation, Geoscience Education
Air Force Office of Scientific Research
Acta Psychologica
American Journal of Psychology
Cognitive Psychology
Cognition
Cognitive Processing: International Quarterly of Cognitive Science
European Journal of Cognitive Psychology *Journal of Experimental Psychology: General*
Journal of Cognitive Science
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: General
Journal of Experimental Psychology: Human Perception and Performance
Journal of Experimental Psychology: Learning, Memory and Cognition
Journal of Memory and Language
Language and Cognitive Processes
Memory & Cognition
Perception & Psychophysics
Psychological Science
Psychonomic Bulletin & Review *Spatial Cognition and Computation*
Quarterly Journal of Experimental Psychology
Spatial Cognition and Computation
Psychology and Aging

External Reviewer for a Tenure Promotion Case (2)

External Reviewer for National (Louisiana Board of Regents) and International (University of Cyprus) Grant Review Boards

Distinctions, Honors & Awards

2008 Rev. Edmund P. Joyce C.S.C Award for Excellence in Undergraduate Teaching, University of Notre Dame
2005 Kaneb Teaching Award, College of Arts and Letters, Notre Dame
2002-2003 Kaneb Center Teaching Fellow, University of Notre Dame
2001 Kaneb Teaching Award, College of Arts and Letters, Notre Dame
1994 American Psychological Association Dissertation Award \$500
1987 Benjamin Benner Research Award in Psychology, Dartmouth College

1984 Class of 1846 Latin Prize, Dartmouth College

Professional Memberships

Psychonomic Society, Member
 American Psychological Society
 Midwestern Psychological Association
 Cognitive Science Society, Member
 Cognitive Neuroscience Society, Member

Books and Monographs

Carlson, L. A. & van der Zee, E (Eds). (2005). Functional features in language and space: Insights from perception, categorization and development. Oxford University Press.

Refereed Publications (* designates graduate student/postdoc; † designates undergraduate)

Journal Articles

Carlson, L. A. & Hill, P. L. (2008). Processing the presence, placement and properties of a distractor during spatial language tasks. *Memory & Cognition*, 36, 240-255

Carlson, L. A. & *Van Deman, S. (2008). Inhibition within a reference frame during the interpretation of spatial language. *Cognition*, 106, 384-407.

*Ashley, A. & Carlson, L. (2007). Interpreting proximity terms involves computing distance and direction. *Language and Cognitive Processes*, 22, 1021-1044.

West, R. L., Carlson, L. A., & Cohen, A-L. (2007). What the eyes can tell us about prospective memory. *International Journal of Psychophysiology*, 64, 269-277.

Carlson, L. A., Regier, T., †Lopez, B. & Corrigan, B. (2006). Attention unites form and function in spatial language. *Spatial Cognition and Computation*, 6, 295-308.

Carlson, L. A. & †Kenny, R. (2006). Interpreting spatial terms involves simulating interactions. *Psychonomic Bulletin & Review*, 13, 682-688. [24/68; 1.76; 0]

Carlson, L. A. & *Covey, E. S. (2005). How far is near? Inferring distance from spatial descriptions. *Language and Cognitive Processes*, 20, 617-632.

Carlson, L. A. & *van Deman, S. (2004). The space in spatial language. *Journal of Memory and Language*, 51(3), 418-436.

Carlson, L. A. (2003). Using spatial language. *Psychology of Learning and Motivation*, 43, 127-161.

Carlson, L. A., West, R., Taylor, H. A., & †Herndon, R. (2002). Neural correlates of spatial term use. *Journal of Experimental Psychology: Human Perception and*

Performance, 28, 1391-1408.

- [†]Brockmole, J. R., Carlson, L. A., & Irwin, D. E. (2002). Inhibition of attended processing during saccadic eye movements. *Perception & Psychophysics*, 64, 867-881.
- Carlson, L. A. & Logan, G. D. (2001). Using spatial terms to select an object. *Memory & Cognition*, 29, 883-892.
- Regier, T. & Carlson, L. A. (2001). Grounding spatial language in perception: An empirical and computational investigation. *Journal of Experimental Psychology: General*, 130, 273-298. Order of authorship is arbitrary.
- Carlson, L.A., Covell, E. R., & Warapius, T. (2001). Transsaccadic coding of multiple objects and features *Psychologica Belgica*, 41 (Special Issue: Transsaccadic Object Perception), 9-28.
- Currie, C., McConkie, G., Carlson-Radvansky, L. A., & Irwin, D. E. (2000). The role of the saccade target object in the perception of a visually stable world. *Perception & Psychophysics*, 62, 673-683.
- Carlson-Radvansky, L. A., & *Tang, Z. (2000). Functional influences on orienting a reference frame. *Memory & Cognition*, 28, 812-820.
- Carlson, L. A. (1999). Selecting a reference frame. *Spatial Cognition and Computation*, 1, 365-379.
- Carlson-Radvansky, L. A. (1999). Memory for relational information across eye movements. *Perception & Psychophysics*, 61, 919-934.
- Carlson-Radvansky, L. A., *Covey, E. S., & [†]Lattanzi, K. M. (1999). "What" effects on "where": Functional influences on spatial relations. *Psychological Science*, 10, 516-521.
- Carlson-Radvansky, L. A. & *Jiang, Y. (1998). Inhibition accompanies reference frame selection. *Psychological Science*, 9, 386-391.
- Carlson-Radvansky, L. A., & Logan, G. D. (1997). The influence of reference frame selection on spatial template construction. *Journal of Memory and Language*, 37, 411-437.
- Carlson-Radvansky, L. A. & Radvansky, G. A. (1996). The influence of functional relations on spatial term selection. *Psychological Science*, 7, 56-60.
- Irwin, D. E., & Carlson-Radvansky, L. A. (1996). Cognitive suppression during saccadic eye movements. *Psychological Science*, 7, 83-88.

- Irwin, D. E., Carlson-Radvansky, L. A., & Andrews, R. V. (1996). Information processing during saccadic eye movements. *Acta Psychologica, 90*, 261-273.
- Carlson-Radvansky, L. A., & Irwin, D. E. (1995). Memory for structural information across eye movements. *Journal of Experimental Psychology: Learning, Memory and Cognition, 21*, 1441-1458.
- Radvansky, G. A., Carlson-Radvansky, L. A., & Irwin, D. E. (1995). Uncertainty in estimating distances from memory. *Memory & Cognition, 23*, 596-606.
- Carlson-Radvansky, L. A., & Irwin, D. E. (1994). Reference frame activation during spatial term assignment. *Journal of Memory and Language, 33*, 646-671.
- Irwin, D. E., McConkie, G. W., Carlson-Radvansky, L. A., & Currie, C. (1994). A localist evaluation solution for visual stability across saccades. *Behavioral and Brain Sciences, 17*, 265-266.
- Carlson-Radvansky, L. & Irwin, D. E. (1993). Frames of reference in vision and language: Where is above? *Cognition, 46*, 223-244.
- Carlson, L., Alejano, A. & Carr, T. (1991). The level of focal attention hypothesis in oral reading: Influence of strategies on the context specificity of lexical repetition effects. *Journal of Experimental Psychology: Learning, Memory and Cognition, 17*, 924-931.

Invited Book Chapters with External Review

- Carlson, L. A. Parsing space around objects (in press). In V. Evans & P. Chilton (Eds.). *Language, Cognition, and Space: The state of the art and new directions*. To be published in the new Advances in Cognitive Linguistics Series, Equinox Publishers.
- Carlson, L. A. (in press). Encoding space in spatial language. To appear in *Spatial Foundations of Cognition and Language* (Eds, L. B. Smith & M. Graesser), Language and Space Series (General Editor, E. van der Zee), Oxford University Press.
- Carlson, L. A. & *Hill, P. L. (in press). Formulating spatial descriptions across various dialogue contexts. In T. Tenbrink, K. Coventry, J. Bateman (Eds.). *Spatial language in Dialogue, Language and Space Series*, Oxford University Press.
- Carlson, L. A. Commentator on "Thinking and Talking about Space". (2007). In J. Plumert & J. Spencer (Eds.). *The emerging spatial mind*, pp. 248-263. Oxford University Press.
- Carlson, L. A. & *Hill, P. L. (2007). Experimental methods for studying language and space. In M. Gonzalez-Marquez, I. Mittelberg, S. Coulson, & M. Spivey (Eds.) *Methods in Cognitive Linguistics*, pp. 250-276, Amsterdam: John Benjamins.

- Carlson, L. A. & Logan, G. D. (2005). Attention and spatial language. In L. Itti, G. Rees, & J. Tsotsos (Eds.). *Neurobiology of attention* (pp. 330-336). Academic Press.
- Carlson, L. A. & †Kenny, R.. (2005). Constraints on Spatial Language Comprehension. In D. Pecher & R. A. Zwaan (Eds), *The Grounding of Cognition: The role of perception and action in memory, language and thinking* (pp. 35-64). Cambridge University Press.
- Carlson, L. A., Regier, T., & *Covey, E. S. (2003). Defining spatial relations: Reconciling axis and vector representations. In E. van der Zee & J. Slack (Eds.). *Representing direction in language and space* (pp. 111-131). Oxford University Press.
- Carlson, L. A. (2000). Object use and object location: The effect of function on spatial relations. In E. van der Zee & U. Nikanne (Eds.) *Cognitive interfaces: Constraints on linking cognitive information* (pp 94-115). Oxford: Oxford University Press.
- Carr, T.H., Dagenbach, D., Van Wieren, D. L., Carlson-Radvansky, L. A., Alejano, A., & Brown, J. (1994). Acquiring general knowledge from specific episodes of experience. In C. Umiltà & M. Moscovitch (Eds.) *Attention and Performance XV: Conscious and nonconscious information processing* (p. 697-724): Cambridge: MIT Press.

Unrefereed Publications (* designates graduate students/postdoc; † designates undergraduate)

- Carlson, L. A. (2004). On Applying the Science of Psychology to Life: A Research Methods Primer. In G. Howard (Ed.). *For the love of teaching*. Academic Publications, Notre Dame, IN.
- Carlson, L. A. and Covell, E. R. (2004). Defining functional features for spatial language. In L. Carlson & E. van der Zee (Eds.). *Functional features in language and space: Insights from perception, categorization and development*. Oxford University Press.
- Regier, T., Carlson, L. A., & Corrigan, B. (2004). Attention in spatial language: Bridging geometry and function. In L. Carlson & E. van der Zee (Eds.). *Functional features in language and space: Insights from perception, categorization and development*. Oxford University Press.
- Regier, T. & Carlson, L. A. (2002). Spatial language: Perceptual constraints and linguistic variation. In N. Stein, P. Bauer, and M. Rabinowitz (Eds.), *Representation, Memory, and Development: Essays in Honor of Jean Mandler (199-222)*, Lawrence Erlbaum, Mahwah, NJ.

Other Publications

- Carlson, L. A. (2004). *On the “whats” and “hows” of “where”* Review of K. Coventry & P. Olivier (Eds.). *Spatial Language: Cognitive and computational perspectives* Dordrecht: Kluwer Academic Publishers, 2002. *Contemporary Psychology*, 49, 482-485.
- Carlson-Radvansky, L. A. (1997). *Room to talk: The language/space interface*. Review of P. Bloom, M. A. Peterson, L. Nadel, and M. Garrett (Eds.), *Language and space* Cambridge, MA: MIT Press, 1996. *Contemporary Psychology*, 42, 1116.
- Carlson, L., McCandliss, B., Alejano, A. & Carr, T. H. (1990). Does attention control the context specificity of repetition benefits in oral reading? *Bulletin of the Psychonomic Society*, 28, 488-488.

Invited Lectures and Addresses

- Carlson, L. A. (2009). *Selecting reference objects for spatial descriptions* Invited speaker, Midwestern Psychological Association, Chicago, May, 2009.
- Carlson, L. A. (2009), *Space matters for spatial language, but so do function and action (sometimes)* University of Bremen, Germany, March, 2009.
- Carlson, L. A., Miller, J. & Hillyard, J. (2009). *What features constitute a good landmark?* Paper to be given in Session Series on: Cognition, Behavior, and Representation, Association of American Geographers Annual Meeting, Las Vegas, March, 2009).
- Carlson, L. A. (2009). *Space matters for spatial language, but so do function and action (sometimes)*. Invited speaker at ESF-CNCC Workshop “Motor representations and language and space”, Lille, France, Jan 27th-30, 2009.
- Carlson, L. A. (2009). *On the whats and hows of where: The role of salience in spatial descriptions* Invited Speaker, University of Chicago, Cognitive Brown Bag, December, 2009.
- Carlson, L. A. (2008). *On the whats and hows of where: The role of salience in spatial descriptions*, Keynote Speaker, Spatial Cognition 2008, Freiburg, Germany, September, 2008.
- Carlson, L.A. (2008). *How prior experience constrains current spatial descriptions* Invited speaker at “Spatial Language in Context” workshop, Spatial Cognition, 2008, Freiburg, Germany, September.

- Carlson, L. A. (2008). *Representations and Processes in Spatial Language* Invited anchor speaker, Conference on Language and Perception, sponsored by P-N-P program, Department of Philosophy, Washington University, St. Louis, Feb 29-Mar 2, 2008.
- Carlson, L. A. (2007). *On the “whats” and “hows” of “where”*. Main speaker at the Spatial Language Symposium at the Endo-Neuro-Psycho (ENP) meeting, Doorwerth, Netherlands, June, 2007.
- Carlson, L. A. (2007). *Parameters of a reference frame*. Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands, June, 2007.
- Carlson, L. A. (2007). *On the “whats” and “hows” of “where”*. Naval Research Labs, April, 2007.
- Carlson, L. A. (2005). *Using spatial language*. Department of Psychology, Iowa State University.
- Carlson, L. A. & Hill, P. L. (2005). *Formulating spatial descriptions across various dialog contexts*. Workshop on Spatial Language and Dialog, Delmenhurst, Germany.
- Carlson, L. A. (2004). *On the “whats” and “hows” of “where”: Using spatial language*. Invited talk given at the University of Plymouth, Plymouth, United Kingdom, December.
- Carlson, L. A. (2004). *On the “whats” and “hows” of “where”: Using spatial language*. Invited talk given at Michigan State University, September.
- Carlson, L. A. (2003). *The space in spatial language*. Spatial Foundations of Cognition and Language conference, University of Indiana, Bloomington, IN, Oct. 12-14th.
- Carlson, L. A. & Klatt, S. R. (2002). *Spatial terms convey distance*. The 3rd Language and Space Workshop: Granularity in Language and Space, Bielefeld, Germany, July 8-9th.
- Carlson, L.A., Covell, E. & Warapius, T. (2001). *Selecting the target of a saccade*. In the Visual Memory Symposium at the Third International Conference on Memory, Valencia, Spain.
- Carlson, L. A., Regier, T., & Covey, E. S. (2000). *Defining spatial relations: Reconciling axis and vector representations*. Workshop on Axes and Vectors in Language and Space, Lincoln, UK.
- Carlson, L. A. (2001). *Using spatial language*. Cognitive Colloquium Series, University of Illinois, Urbana-Champaign.
- Carlson, L. A. (2001). *Using spatial language*. Department of Psychology Colloquium Series, University of Georgia.
- Carlson, L. A. (2000). *Representing information in transsaccadic memory*. In the

symposium on Transsaccadic Object Recognition at the 27th Annual Meeting of the International Congress of Psychology, Stockholm, Sweden.

Carlson, L. A. (2000). *Cognitive psychology*. Psi Chi Panel Discussion on Alternatives to Ph.D. Clinical and Counseling Programs at the 72nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Carlson-Radvansky, L. A. (1999). *Grounding spatial language in perception*. NSF Spatial Intelligence Workshop, University of Chicago, October.

Carlson-Radvansky, L. A. (1999). *Functional influences on selecting a reference frame*. In symposium "Reference axes in language and space" at the 21st Annual Meeting of the Cognitive Science Society, Vancouver, BC.

Carlson-Radvansky, L. A. (1999). *Selecting a reference frame*. Workshop on Systems of reference for spatial knowledge. Hamburg, Germany.

Carlson-Radvansky, L. A. (1999). *Attention and vector-sum coding in spatial language*. In symposium "Spatial Attention and the Visual World" at the 71st Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Carlson-Radvansky, L. A. (1998). *The online selection of a reference frame*. Annual meeting of the Midwestern Psychological Association, Chicago, IL.

Conference presentations (* designates graduate students/postdoc; † designates undergraduate)

Carlson, L. A., *Williams, M. & *Hill, P. L. (2007). *Selecting a reference object*. Poster presented at the 2007 Annual Meeting of the Psychonomics Society, Long Beach, CA.

*Tamplin, A. & Carlson, L. A. (2006). *The cognitive processes involved in deception*. Talk presented at the 78th Meeting of the Midwestern Psychological Association, Chicago, IL.

*Ashley, A. & Carlson, L. A. (2006). *Understanding Motion Verbs Involves Spatial Reference Frames*. Talk presented at the 78th Meeting of the Midwestern Psychological Association, Chicago, IL.

*Hill, P. L. & Carlson, L. A. (2006). *Conceptual effects on spatial referencing*. Talk presented at the 78th Meeting of the Midwestern Psychological Association, Chicago, IL.

*Ashley, A. & Carlson, L. A. (2005). *Encoding direction during the processing of proximity terms*. Poster presented at the 2005 Annual Meeting of the Psychonomic Society, Toronto, CA.

*Hill, P. L. & Carlson, L. A. (2005). *Formulating spatial descriptions in scenes with multiple objects*. Poster presented at the 2005 Annual Meeting of the Psychonomic Society,

Toronto, CA.

- *Ashley, A. & Carlson, L. A. (2004). *As far as I know: Interpreting proximity terms involves computing distance and direction*. Talk presented at the 2004 Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- *Hill, P. & Carlson, L. A. (2004). *Interpreting spatial descriptions of scenes with multiple objects*. Talk presented at the 2004 Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Carlson, L. A., Regier, T., †Lopez, B, & Corrigan, B. (2004). *Attention unites form and function in spatial language*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, November, 2004.
- Carlson, L. A., Regier, T., †Lopez, B, & Corrigan, B. (2004). *Attention unites form and function in spatial language*. Poster given at Cognitive Science Annual Meeting, Chicago, IL, August, 2004.
- Carlson, L. A., †Murray, M., †Shreiner, C. & †Carolan, P. (2004). *Parsing space around objects*. Poster given at the 16th Annual Meeting of the American Psychological Society, May, 2004.
- *Klatt, S. R., *Covey, E. S. & Carlson, L. A. (2002). *How far is near? Examining the distance conveyed by spatial terms*. Poster presented at the 2002 Annual Meeting of the Psychonomics Society, Kansas City, MO.
- *Klatt, S. R. & Carlson, L. A. (2002). *Inhibiting the different levels of a reference frame*. Paper presented at the 2002 Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Carlson, L.A. & Logan, G. D. (2001). *Using spatial terms to select an object*. Paper presented at the 42nd Meeting of the Psychonomics Society, Orlando, FL.
- Carlson, L.A., *Covell, E. & †Warapius, T. (2001). *The flexible encoding of a saccade target's features*. Poster presented at the 1st Meeting of the Vision Sciences Society, Sarasota, FL.
- †Brockmole, J. R. & Carlson-Radvansky, L. A. (2000). *Shifts of attentional scale are suppressed by saccadic eye movements*. Paper presented at the 72nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- *Covey, E. S. & Carlson-Radvansky, L. A. (2000). *Spatial terms convey distance information*. Paper presented at the 72nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Carlson, L.A., West, R., †Herndon, R., & Taylor, H. (2000). *Neural correlates of*

- reference frame selection*. Paper presented at the 41st Meeting of the Psychonomic Society, New Orleans, LA.
- Carlson-Radvansky, L. A., *Covey, E. S., & †Lattanzi, K. (1999). *The role of function in defining spatial relations*. Paper presented at the Tenth Annual Winter Conference on Discourse, Text, & Cognition. Jackson Hole, WY.
- Carlson-Radvansky, L. A. (1998). *Memory for relational information across eye movements*. Poster presented at the meeting of the Psychonomics Society in Dallas, TX. Abstract available in Abstracts of the Psychonomic Society, 3, 1.
- Regier, T. & Carlson-Radvansky, L. A. (1998). *Attention and population coding in spatial language*. Paper presented in the Workshop on Grounding Word Meaning at the 15th Annual Conference on Artificial Intelligence.
- Carlson-Radvansky, L. A. & Regier, T. (1997). *An empirical and computational investigation into the shape of linguistic spatial categories*. Paper presented in the Language and Space workshop at the 14th Annual Conference on Artificial Intelligence.
- Carlson-Radvansky, L. A. (1996). *The influence of reference frame selection on spatial template construction*. Poster presented at the meeting of the Psychonomic Society in Los Angeles, CA.
- Carlson-Radvansky, L. A. (1996). *Constructing spatial templates: The influence of reference frame selection*. Paper presented in the Symposium on Language and Space at the 7th Midwest Artificial Intelligence and Cognitive Science Conference, Bloomington, IN.
- Carlson-Radvansky, L. A. (1995). *Cooperation among spatial reference frames*. Poster presented at the meeting of the Psychonomic Society in Los Angeles, CA.
- Carlson-Radvansky, L. A. (1994). *Memory for structural information across eye movements*. Poster presented at the meeting of the Psychonomic Society in St. Louis, MO.
- Currie, C. B., McConkie, G. W., Carlson-Radvansky, L. A., & Irwin, D. E. (1994). *Maintaining visual stability across saccades: Role of the saccade target object*. Paper presented at the meeting of the Psychonomic Society in St. Louis, MO.
- Irwin, D. E., & Carlson-Radvansky, L. A. (1993). *Cognitive processing during saccadic eye movements*. Paper presented at the meeting of the Psychonomic Society in Washington, D.C.
- Carlson-Radvansky, L. A., & Irwin, D. E. (1993). *Reference frame activation in spatial term use*. Paper presented at the meeting of the Midwestern Psychological

Association in Chicago, IL.

Carlson-Radvansky, L. A. & Radvansky, G. A. (1993). *The impact of functional relations on spatial term use*. Paper presented at the meeting of the Midwestern Psychological Association in Chicago, IL.

Carlson-Radvansky, L. & Irwin, D. E. (1992). *Preferences among reference systems in the use of the spatial term "above"*. Poster presented at the meeting of the Midwestern Psychological Association in Chicago, IL.

Carlson-Radvansky, L. & Irwin, D. E. (1992). *Defining "above": An extrinsic, intrinsic or deictic preference*. Paper presented at the meeting of the Psychonomic Society in St. Louis, MO.

Carr, T.H., Dagenbach, D., Van Wieren, D. L., Carlson-Radvansky, L. A., Alejano, A., & Brown, J. (1992). *Acquiring general knowledge from specific episodes of experience*. Paper presented at Attention and Performance XV: Conscious and nonconscious information processing, Erice, Sicily, Italy.

Carlson, L. McCandliss, B., Alejano, A. & Carr, T. (1990). *Does attention control the context specificity of repetition benefits in oral reading?* Paper presented at the meeting of the Psychonomic Society in New Orleans, LA. Read by Tom Carr.

Grants and Sponsored Programs

External

Pending. Skubic, M. (PI, Missouri) & Carlson, L. A. (Co-PI). Human-Driven Spatial Language for Human-Robot Interaction. National Science Foundation, Information & Intelligent Systems: Human-centered computing program. \$499,008. 9/1/09 - 8/31/12 **Pending**

Pending. Carlson, L. A. (PI), Shipley, T (Co-PI, Temple) & Hoelscher, C. (Co-PI, Freiburg). Building and using a cognitive map of a building. National Science Foundation, Social, Behavioral and Economic Sciences, Perception, Action & Cognition program. \$419,589, 8/15/09 - 8/14/12..

1998-2001	NSF SBR Research Grant "Interpreting spatial relations." (PI)	\$179,856
1996-1997	NIMH B/START "Remembering relational information across eye movements" (PI)	\$37,204
1996	NSF SBE/SBER Instrumentation Award "Acquisition of a dual purkinje eye tracker for use in cognitive psychology" (PI)	\$96,415
1994	American Psychological Association Dissertation Award	\$500

Internal

2007	College of Arts and Letters & Graduate School Equipment funds to purchase head-free eyetracker to collect critical pilot data for grant submissions for AY 07-08	\$49,395
2001	College of Arts and Letters; Dept. of Psychology Graduate School ; Funds for 2nd Annual Language and Space Workshop: Functional and spatial features in Language and Space.	\$20,000
2001	University of Notre Dame Institute for Scholarship in the Liberal Arts International Travel Award	\$1,500
2000	University of Notre Dame Institute for Scholarship in the Liberal Arts International Travel Awards (3)	\$1,500
1996	University of Notre Dame Institute for Scholarship in the Liberal Arts “Remembering relational information across eye movements”	\$3,500
1995	University of Notre Dame Faculty Research Program Award, “Competition effects among multiple reference frames”	\$7,500

Undergraduate Research Opportunity Program Awardees

Kathleen Lattanzi
 Ryan Kenny
 Christina Shreiner
 Meghan Murray

Learning Beyond the Classroom Awardees

Greg Davis
 Jeremy Hillyard
 Kevin Kimberly
 Jared Miller

Psychology Undergraduate Honors Theses Directed

Kathleen Lattanzi
 James Brockmole
 Ryan Kenny
 Katie Hench
 William Lopez
 Christina Shreiner

Master’s Theses Directed

Edwin Covell
Patrick Hill

Other Notable Contributions

Professional Service

- 2004 Participant, “Detecting Deception in Language” two-week workshop held at the Center for the Applied Study of Language, University of Maryland
- 2001 Co-Organizer (with E. van der Zee), Language and Space conference, held at Notre Dame, June, 2001. Keynote speakers: Rob Goldstone, Larry Barsalou, Barbara Tversky, Linda Smith. Papers published by Oxford University Press.
- 2001 Convener, Symposium on Visual Memory, ICOM-3, Valencia, Spain, July, 2001. Speakers included: Ron Rensink, Shaun Vecera, Mary Hayhoe, Marvin Chun, Peter De Graef, Martin Juttner, James Brockmole
- 2001 Co-Organizer (with William Hayward, Ranxiao Frances Wang) Object Perception and Memory Conference (OPAM), to be held November 14, 2001 (pre-psychonomics), Orlando, FL.
- 2000 Panelist on Psi Chi Symposium “Alternatives to PhD Clinical and Counseling Programs” held at the Annual Meeting of the Midwestern Psychological Association, May, 2000

University Service

Mentoring

- 2002 - Advisory Board Member, McNair Scholars Program
- 1996-1998, 2000-2003 Faculty Mentor in McNair Scholars Program
- 2003 Faculty Mentor, Provost’s Office Informal Mentoring Initiative
- 2001-2005 Building Bridges Mentor
- 2000-2005 Faculty discussion leader at 1st Year Student Orientation, 2000- 2005
- 2003 Faculty Mentor, Student/Athlete Honor’s Program
- 2007 Invited participant, Residential Scholars Program

Human Subjects

- 1997-2003 University Committee for the Protection of Human Subjects, 1997 - 2003; Chair, 1998, 2001 – 2003
- 2007 - Madison Center, Institutional Review Board Member

Committee Assignments

- 1999 Reviewer, Faculty Research Program Grants

2003 Committee on Rationale & Learning Goals for Univ. Requirement in Social Science
 2003-2004 Graduate Council, 2003-2004
 2003-2004 Chair, Subcommittee of Graduate Council on Health Insurance Subsidy
 2004 Speaker at Arts and Letters Orientation Workshop
 2006-2007 Research Committee, College of Arts and Letters
 2006 Reviewer, Institute for Scholarship in the Liberal Arts Annual Awards
 2006-2007 Data Manager Search, College of Arts and Letters
 2007-2010 Academic Council (Elected)
 2007-2008 Representative to Graduate Council
 2007-2010 Graduate Council Executive Committee (Elected)
 2007-2008 Search Committee, Dean of Graduate School (Elected)
 2007-2010 University Committee on Women Faculty and Students (Elected)

Department Service

2007 - Associate Chair

2001-2005 Graduate Director

- Managed a budget of \$500,000 for departmental graduate stipends
- Allocated stipends to programs
- Coordinated admissions of graduate students
- In collaboration with Kaneb Center, developed a teacher training sequence for graduate students
- Coordinated graduate level curricula
- Assigned teaching assistants to undergraduate courses

1998-2005 Graduate Committee

2007 - 2009 Committee on Appointments and Promotions, Psychology

Spring, 2007 Committee on Appointments and Promotions, Psychology

2007 - Chair, Adhoc Committee for Teaching Load Reduction, 2006

2006 - Colloquium Committee, Chair

2005 Library Liaison, 2005

2005 Honesty and Grievance Committee

1997-2001 Computer Committee

1995-1997 Space Committee

Professional References

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