

Vita
Catherine Lucile Reed

Business Address:

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Major Research Interests:

- Embodied cognition— Contributions of the body to attention, cognition, and emotion in typical, developmentally delayed & patient populations
- Human movement, motor imagery, & expertise
- Neural bases of tactile & visual object recognition and spatial processing
- Functional neuroimaging using fMRI & whole-head MEG

Academic and Professional Positions

2007- Present	Associate Professor Department of Psychology, Claremont McKenna College, Claremont Graduate University
2001- Present	Associate Professor (on leave 2007-2008) Department of Psychology, University of Denver
2002- 2007	Adjoint Associate Professor Department of Psychiatry, Univ. of Colorado Health Sciences Center
2001- 2007	Adjoint Associate Professor Department of Radiology, Univ. of Colorado Health Sciences Center
1994-2001	Assistant Professor Department of Psychology, University of Denver
1998-1999	Visiting Scholar Center for Advanced Medical Technologies Department of Radiology, University of Utah
1990-1994	Postdoctoral Research Associate Institute of Research in Cognitive Science & Department of Psychology, University of Pennsylvania (9/92- 8/94) Department of Psychology, Carnegie Mellon University (9/90-8/92)
1989-1990	Human Factors Research Associate Anacapa Sciences, Inc. Santa Barbara, CA.

Education

Ph.D.	Cognitive Psychology. (March, 1991) University of California, Santa Barbara
M.A.	Cognitive Psychology. (April, 1987) University of California, Santa Barbara
B.A.	Psychology. (May, 1985), University of Michigan, Ann Arbor

Professional Training

- 2004 University of Würzburg, Germany – FSL Workshop for fMRI Data Analysis
- 2001 Massachusetts General Hospital – Nuclear Magnetic Resonance Center
Visiting Fellowship in functional magnetic resonance imaging (fMRI), Boston, MA.

External Grants

- 2007 Co-Investigator, NIHCD (submitted) "*Interpersonal Emotional Synchrony in Autism: Automatic Social Response Deficits*"
- 2006 Co-Investigator, NSF 03-560 Undergraduate Design Project Program (BES) "*Research to aid the disabled*" (Kimberly Newman, P.I.) Direct costs: \$50,334
- 2002 Co-Investigator, NCCR High End Instrumentation Program "*Whole-head MEG system for brain research*" (equipment only) (Martin Reite, MD P.I.) Direct costs: \$1,999,971
- 2000-04 Advisor, NINDS National Research Service Award for Jefferson Grubb "*The effects of trunk orientation on spatial cognition*"
- 1998-00 NSF POWRE Award "*What vs. where in somatosensory cortex*" \$150,000
- 1992-94 NINDS National Research Service Award: *Neural bases of somatosensory cognition*

University of Denver Internal Grants

- 2007 Partners in Scholarship Award – Ehmer, Wiggs
- 2006 Marsico Summer Research Assistantship Grant:
Timing of Speech and Gesture for Children with Autism (\$3750)
- 2006 Cooperative Learning Grant (\$2500)
- 2006 Partners in Scholarship Award (2) – Reding, Falcone
- 2005 Cooperative Learning Grant (\$2500)
- 2005 International Small Grants (\$700)
- 2005 Professional Research Opportunities for Faculty (PROF) Award (\$15,000)
- 2005 Partners in Scholarship Award (2) – Gervais, Aubuchon
- 2004 International Small Grant (\$800)
- 2004 Partners in Scholarship Award - Betz
- 2003 Partners in Scholarship Awards (2) - Bate, Nyberg
- 2002 Office of Educational Technology Grant (\$5000)
- 2002 Interdivisional Grant with Dr. Corinne Lengsfeld, Engineering (\$8000)
- 2002 International Small Grants (\$1600)
- 2002 Partners in Scholarship Awards (2) - Freeman, Davis
- 2001 International Partners in Scholarship Award - Miller
- 2001 Partners in Scholarship Awards (4) - Bozova, Cory, Ruggles, Kaplan
- 2000 Proposal Preparation Fund (\$2000)
- 2000 Faculty Research Fund (\$3000)
- 2000-02 Sturm Development Fund
- 2000 International Small Grant, University of Denver (\$1000)
- 1998 International Small Grant (\$800)
- 1997 International Small Grant (\$1000)
- 1997 Partners in Scholarship- Heath
- 1996 International Small Grant (\$500)

Honors and Awards

- 2006 Center for Teaching and Learning Recognition for Effective Blackboard Use
- 2000, 01, 03, 04, 06 Walter Rosenberry Award for Public Presentation of Research
- 2002 Sigma Xi member, University of Denver Chapter

- 1990 Psi Chi/APA Edwin B. Newman Award for Graduate Research
 1990 APA Dissertation Research Award
 1989 APA Science Directorate Award
 1985 Regents Fellowship, University of California, Santa Barbara
 1985 Nonresident Tuition Fellowship, University of California, Santa Barbara
 1985 Honorable Mention, NSF Graduate Fellowship
 1985 Sigma Xi Award for Research, Michigan Chapter
 1985 Pillsbury Award for Research, University of Michigan
 1985 B.A. with Highest Honors, University of Michigan
 1981-85 Athletic Scholarship, University of Michigan

Publications

Peer-reviewed Articles:

Grubb, J.D., **Reed, C.L.**, Bate, S., Garza, J., & Roberts, R. J., Jr. (in press). Walk this way, look that way: the effects of trunk orientation and locomotion on visual attention. *Perception & Psychophysics*.

Reed, C.L. (2007). Divisions within the posterior parietal cortex help touch meet vision. *Brain and Behavioral Sciences*, *30*, 218.

Reed, C.L., & McGoldrick, J.E. (2007). Action during body perception: Processing time affects self-other correspondences. *Social Neuroscience*, *2*, 134-149.

Bosbach, S, Knoblich, G., **Reed, C.L.**, & Prinz, W. (2007). Body inversion effect without body sense: insights from deafferentation. *Neuropsychologia*, *44*, 2950-2958.

Reed, C.L., Beall, P.M., Stone, V.E., Kopeliov, L., Pulham, D., & Hepburn, S.L. (2007). Brief report: Perception of body posture—what individuals with autism might be missing. *Journal of Autism and Developmental Disorders*, *37*, 1576-1584.

Reed, C.L., Grubb, J.D., & Steele, C. (2006). Grasping attention: the effects of hand proximity on visual covert orienting. *Journal of Experimental Psychology: Human Perception & Performance*, *32*, 166-177.

Reed, C.L., Stone, V.E., Grubb, J.D., & McGoldrick, J.E. (2006). Turning configural processing upside down: Part- and whole body postures. *Journal of Experimental Psychology: Human Perception & Performance*, *32*, 73-87.

Reed, C.L., Klatzky, R., & Halgren, E. (2005). What versus where for haptic object recognition: an fMRI study. *Neuroimage*, *25*, 718-726.

Reed, C.L., Grubb, J., & Winkielman, P. (2004). Emulation theory offers conceptual gains but needs filters. *Brain and Behavioral Sciences*, *27*, 411-412.

Slaughter, V., Stone, V.E., & **Reed, C.L.** (2004). Perception of faces and bodies: similar or different? *Current Directions in Psychological Science*, *13*, 219-223.

Reed, C.L., Shoham, S., & Halgren, E. (2004). The neural substrates of tactile object recognition: an fMRI study. *Human Brain Mapping*, *21*, 236-246.

Reed, C.L., McGoldrick, J.E., Shackelford, R., & Fidopiastis, C. (2004). Are human bodies represented differently from other animate and inanimate objects? *Visual Cognition*, *11*, 523-550.

Reed, C.L., Stone, V., Bozova, S., & Tanaka, J. (2003). The body inversion effect. *Psychological Science*, *14*, 302-308.

Reed, C.L. (2002). Chronometric comparisons of imagery to action: Visualizing vs. physically performing springboard dives. *Memory & Cognition*, *30*, 1169-1178.

Vinson, N. G., & **Reed, C. L.** (2002). Sources of object-specific effects in representational momentum. *Visual Cognition*, *9*, 41-65.

Grubb, JD & **Reed, CL.** (2002). Trunk Orientation Induces Neglect-like lateral biases in covert attention. *Psychological Science*, *13*, 553-556.

Polk, T., **Reed, C.L.**, Keenan, J., Hogarth, P., & Anderson, C.A. (2001). A dissociation between symbolic number knowledge and analogue magnitude information. *Brain and Cognition*, 47, 545-563.

Reed, C.L., & Franks, I.M. (1998). Motor preprogramming and on-line control in patients differentially affected with Parkinson's disease. *Cognitive Neuropsychology: Special issue on Perception and Action*, 15, 723-745.

Reed, C.L., Caselli, R.J., & Farah, M.J. (1996). Tactile agnosia: underlying impairment and implications for normal tactile object recognition. *Brain*, 119, 875-888.

Reed, C.L., & Vinson, N.G. (1996). Conceptual effects on representational momentum. *Journal of Experimental Psychology: Human Perception and Performance*, 22, 839-850.

Reed, C.L., & Farah, M.J. (1995). The psychological reality of the body schema: A test with normal participants. *Journal of Experimental Psychology: Human Perception and Performance*, 21, 334-343.

Reed, C.L. (1994). Perceptual dependence between shape and texture in planar and three-dimensional stimuli during haptic processing. *Perception*, 23, 349-366.

Reed, C.L., & Caselli, R.J. (1994). The nature of tactile agnosia: A case study. *Neuropsychologia*, 32, 527-539.

Lederman, S.J., Klatzky, R.L., & **Reed, C.L.** (1993). Constraints on haptic integration of spatially shared object dimensions. *Perception*, 22, 723-743.

Reed, C.L., Lederman, S.J., & Klatzky, R.L. (1990). Haptic integration of planar size with texture, hardness, and planar contour. *Canadian Journal of Psychology*, 44, 522-545.

Klatzky, R.L., Lederman, S.J., & **Reed, C.L.** (1989). Haptic integration of object properties: Texture, hardness, and planar contour. *Journal of Experimental Psychology: Human Perception and Performance*, 15, 45-57.

Klatzky, R.L., Lederman, S.J., & **Reed, C.L.** (1987). There's more to touch than meets the eye: The salience of object attributes for haptics with and without vision. *Journal of Experimental Psychology: General*, 116, 356-369.

Book Chapters:

Reed, C.L. (2008). Tactile agnosia. *Encyclopedia of Perception*. New York: Sage.

Reed, C.L. (2008). Body perception. *Encyclopedia of Perception*. New York: Sage.

Reed, C.L., & McIntosh, D.N. (2008). The social dance: On-line body perception in the context of others. In R.L. Klatzky, Behrmann, M., & MacWhinney, B. (eds.), *Embodiment, Ego-Space, and Action: 34th Carnegie Symposium on Cognition*. Hillsdale, NJ: Erlbaum.

Reed, C.L., Garza, J.P., & Roberts, R.J., Jr. (2007). The influence of the body and its actions on spatial attention. In L. Paletta & E. Rome (Eds.), *Attention in Cognitive Systems*. Springer LNAI.

Reed, C.L., Stone, V.E., & McGoldrick, J.E. (2005). Not just posturing: Configural processing of the human body. In W. Prinz, M. Shiffrar, I. Thornton, G. Knoblich, & M. Grosjean (eds.), *The Human Body: From the Inside Out* (pp. 229-258). Oxford, UK: Oxford University Press.

Reed, C.L. (2002). What is the body schema? In W. Prinz and A. Meltzoff (eds.), *The Imitative Mind: Development, Evolution, and Brain Bases* (pp. 233-243). Cambridge, UK: Cambridge University Press.

Reed, C.L. (2002). Tactile perception. In V.S. Ramachandran (ed.), *Encyclopedia of the Human Brain* (pp. 545-556). San Diego, CA: Academic Press.

Reed, C.L. (2000). Entries for Touch, Haptics, and Tactile Agnosia. In Philip Winn (ed.), *Encyclopedia of Biological Psychology*. London: Routledge.

Selected Published Abstracts & Technical Papers:

Newman, K.E, Jones, I.R., McRae, C., & **Reed, C.L.** (2007, October). A multidisciplinary course to implement bioengineering design projects for persons with disabilities. *Frontiers in Education*, Milwaukee, WI.

Szaflarski JP, Cahn SJ, **Reed CL** (2006). What is wrong with the brain in congenital amusia? An fMRI study. *Journal of Neuroimaging*, 16,1:91-92.

Reed, C.L., Tanabe, J., & Grubb, J. (2002). Cortical specialization for faces and objects during tactile object recognition. *NeuroImage*, 16 (2).

Reed, C.L., Dale, A.M., Dhond, R.P., Post, D., Paulson, K., & Halgren, E. (2000). Tactile pattern and location discrimination using MEG. *Society for Neuroscience Abstracts*, 26, 1686.

Reed, C.L., Dale, A.M., Dhond, R.P., Post, D., Paulson, K., & Halgren, E. (2000). Activation of ventrolateral somatosensory cortex for tactile pattern discrimination using MEG. *NeuroImage*, 11, S688.

Reed, C.L. (1989-1990). *Proficiency and performance exams for mechanics at Calvert Cliffs Nuclear Power Plant.*

Reed, C.L. (1989-1990). *Written exams for mechanics at Calvert Cliffs Nuclear Power Plant. Performance Exams*

Reed, C.L. (1989-1990). *On-the-job training manuals for mechanics at Calvert Cliffs Nuclear Power Plant.*

Invited Talks

Reed, C.L., & Garza, J.P. (2007, November). The influence of the body and its actions on spatial attention. Embodied Perception and Cognition Symposium at the 48th Meeting of the Psychonomic Society, Long Beach, CA.

Reed, C.L. (2007, November). How our bodies influence social perception. Cognitive lunch talk, Claremont Graduate University, Claremont, CA.

Reed, C.L. (2007, October). Spatial attention and the behavioral implications of bimodal neurons. Neuroscience Seminar Series. Joint Sciences Department, Claremont Colleges, Claremont, CA.

Reed, C.L., Garza, J.P., & Roberts, R.J., Jr. (2007, September). The actions of ourselves and others direct spatial attention. Conference on Self, Intersubjectivity and Social Neuroscience: From Mind and Action to Society. Torun, Poland.

Reed, C.L. (2007, February). The influence of the body on spatial attention. Brain Mind Institute, Ecole Polytechnique Federale de Lausanne, Swiss Federal Institute of Technology, Lausanne, Switzerland.

Reed, C.L. (2007, February). The embodiment of social perception. Brain Mind Institute, Ecole Polytechnique Federale de Lausanne, Swiss Federal Institute of Technology, Lausanne, Switzerland.

Reed, C.L. (2007, February). On-line body perception in the context of others. Department of Psychology, Claremont-McKenna College, Claremont, CA.

Reed, C.L. (2006, June). The embodiment of configural processing and expertise. "Embodiment, Ego-Space, and Action" 34th Annual Carnegie Symposium on Cognition. Carnegie Mellon University, Pittsburgh, PA.

Reed, C.L. (2006, May). Configural processing of body postures. "Getting in touch with the body" Symposium, American Psychological Society, New York, NY.

Reed, C.L. (2006, April). Remembering your posture: Influences of configuration and expertise. Ellis-Battig Memory Symposium, Rocky Mountain Psychological Association Meeting, Park City, UT.

Reed, C.L. (2005, June). Grasping attention. Department of Experimental Psychology, Oxford University, UK.

Reed, C.L. (2004, March). Configural processing of the human body. Department of Psychology, Colorado State University, Fort Collins, CO.

Reed, C.L. (2003, July). Not just posturing: Body schema matters. Max Planck Workshop on "The Human Body: From the Inside Out", Kloster Irsee, Germany.

Reed, C.L. (2003, March). Advantages and disadvantages of using web tutor in the Psychology classroom. Center for Teaching and Learning, University of Denver.

Reed, C.L. (2001, April). A touch on the hand is worth two pathways in the brain. Invited talk for the Developmental Psychobiology Research Group, University of Colorado Health Sciences Center.

Reed, C.L. & Vinson, N. (September, 2000). Potential Sources of Object-Specific Effects on Representational Momentum. Invited talk at the "Representational Momentum 2000" Workshop, Max Plank Institute, Tuebingen, Germany.

Reed, C.L., Dale, A.M., Dhond, R.P., Post, D., Paulson, K., & Halgren, E. (2000, June). Tactile pattern discrimination activates ventrolateral somatosensory cortex: An MEG study. Selected presentation at the 6th Annual Human Brain Mapping Meeting, San Antonio.

Reed, C.L. (1999, September). Academics and athletics together improve women's college experience. Invited speaker for the 20th Anniversary of Women's Athletics at the University of Denver, Denver.

Reed, C.L. (1999, March). Spatial representations of body position in the self and others. Symposium on "The Imitative Mind: Development, Evolution, and Brain Bases". Seeon, Germany.

Reed, C.L. (1997, February). A dissociation of "what" versus "where" in the somatosensory system: Evidence from a patient with tactile agnosia. Invited talk at Developmental Psychobiology Research Group, University of Colorado Health Sciences Center.

Reed, C.L. (1996, December). Subcortical influences in motor preprogramming and on-line control in patients with Parkinson's disease. Invited talk at the Department of Human Kinetics, University of British Columbia, Vancouver, Canada.

Reed, C.L. (1996, May). Subcortical influences in motor control for patients with Parkinson's Disease. Invited talk at the Department of Psychology, University of Utah, Salt Lake City.

Reed, C.L. (1996, May). Cognitive motor deficits in patients with Parkinson's Disease. Invited speaker at the meeting of the Colorado Neuropsychological Society, Colorado Springs.

Reed, C.L. (1995, April). Tactile agnosia: underlying impairment and implications for normal tactile object recognition. Invited talk at the Department of Psychology, University of Colorado, Boulder.

Reed, C.L. (1994, July). Dissociations between shape and space processing when tactile object recognition is impaired. Invited talk for Neuropsychology Grand Rounds at the Hospital of University of Pennsylvania.

Conference Presentations

App, B., Van Bommel, T., McIntosh, D.N., **Reed, C.L.**, & Moody, E.J. Mimicking what is done or what is meant? (2008, February) Understanding the mechanisms of mimicry. 9th Meeting of the Society for Personality and Social Psychology, Albuquerque, NM.

Newman, K.E, Jones, I.R., McRae, C., & **Reed, C.L.** (2007, October). A multidisciplinary course to implement bioengineering design projects for persons with disabilities. Frontiers in Education Conference, Milwaukee, WI.

App, B., McIntosh, D. N., & **Reed, C. L.** (2007, January). A social-functional approach to emotion communication: "How" depends on "why". Poster presented at the Society for Personality and Social Psychology Annual Meeting, Memphis, TN.

Garza, J., **Reed, C.L.**, & Roberts, R.J., Jr. (2006, November). Grab it! Action plus attention cues covert attention. Paper presented at the 46th Meeting of the Psychonomic Society, Houston, TX.

Szaflarski JP, Cahn SJ, **Reed CL** (2006, March). "What is wrong with the brain in congenital amusia? An fMRI study" 29th Annual Meeting of the American Society of Neuroimaging, San Diego, CA.

Reed, C.L., Reding, P., Du, Y., & Siegal, D. (2006, April). What's up in the brain? An fMRI study. Presented at the annual meeting of the Cognitive Neuroscience Society. San Francisco, CA.

Reed, C.L., Gervais, W., Beall, P., Roberts, R., Ho, M., & McCarley, K.E. (2005, November). Human action directs attention. Paper presented at the 45th Meeting of the Psychonomic Society, Toronto, ONT, Canada.

Beall, P. M., **Reed, C.**, Kopeliov, L., Hepburn, S., & Pulham, D. (2005, May). Body Posture: What individuals with Autism Spectrum Disorder might be missing. Presenting at the annual meeting of the International Meeting for Autism Research. Boston, MA.

Beall, P. M., **Reed, C.**, Kopeliov, L., Hepburn, S., & Pulham, D. (2005, April). Body Posture: What individuals with Autism Spectrum Disorder might be missing. Presented at the annual meeting of the Cognitive Neuroscience Society. New York, NY.

Betz, R., Grubb, J.D. & **Reed, C.L.** (2005, April). Grab that! The hand's functional capabilities direct attention. 19th National Conference on Undergraduate Research (NCUR). Lexington, VA.

Reed, C.L., Grubb, J.D., Steele, C., Betz, R., & Baker, JD. (2004, November). Grasping attention. Paper presented at the 44th Meeting of the Psychonomic Society, Minneapolis, MN.

Cahn, J., Szaflarski, **Reed, C.L.**, Stone, V.E., J., Morton, B., Cory, C., & Ruggles, D. (2004, August). On Music-Specific Deficits: A Case Study of Congenital Amusia. Presented at the 8th International Conference on Music Perception and Cognition. Evanston, IL.

Kopeliov, L., Stone, V.E., & **Reed, C.L.** (2004, May). Recognition strategies used by individuals with autism spectrum disorder. Presented at the Biennial meeting of the International Meeting for Autism Research, Sacramento, CA.

Grubb, J.D. & **Reed, C.L.** (2004, April). Walk this way, look that way: The role of body orientation in spatial attention. Paper presented at the meetings of the Cognitive Neuroscience Society, New York.

Reed, C.L., Stone, V.E., & Grubb, J.D. (2003, November). Turning configural processing upside down: Part- and whole body postures. Paper presented at the 44nd Meeting of the Psychonomic Society, Vancouver, BC.

Reed, C.L. & Grubb, J.D. (2003, March). Grasping attention: the effects of hand proximity on visual covert orienting. Paper presented at the meetings of the Cognitive Neuroscience Society, New York.

Grubb, J.D. & **Reed, C.L.** (2003, March). Subjective straight ahead is more in the eye than the neck of the beholder. Paper presented at the meetings of the Cognitive Neuroscience Society, New York.

Reed, C.L., Stone, V.E., Cahn, J., Szaflarski, J., Morton, B., Cory, C., & Ruggles, D. (2002, November). To not hear music: a case of congenital amusia. Paper presented at the 32nd Annual Meeting of the Society for Neuroscience, Orlando.

Reed, C.L. & Grubb, J. D. (2002, November). Visual and motor effects in cued line bisection. Paper presented at the 43nd Meeting of the Psychonomic Society, Kansas City.

Reed, C.L., Tanabe, J., & Grubb, J. (2002, June). Cortical specialization for faces and objects during tactile object recognition. Paper presented at the 8th meeting of Human Brain Mapping.

Reed, C.L., Bozova, S., Stone, V.E., & Tanaka, J. (2001, November). The body inversion effect. Paper presented at the 42nd Meeting of the Psychonomic Society, Orlando.

Wilbarger, J. L., **Reed, C.** & McIntosh, D.N. (2002, June). Perception of Emotion in Body Position. Poster presented at the 13th Annual American Psychological Sciences Convention, Toronto, ON, Canada.

Grubb, J.D., & **Reed, C.L.** (2001, March). Misalignment of spatial reference frames produces "neglect" in normal subjects. Cognitive Neuroscience Society, New York.

Wilbarger, J., McIntosh, D., Winkielman, P., & **Reed, C.L.** (2001). Detecting changes in emotional postures in the self and others. American Psychological Society.

Reed, C.L., Halgren, E., Klatzky, R.J., Shoham, S., Jordin, J., & Baldwin, S. (2000, November). "What" versus "Where" in Touch: an fMRI Study. Paper presented at the 41st Meeting of the Psychonomic Society, New Orleans.

Reed, C.L. (2000, November). Tactile stimulators for fMRI and MEG. Paper presented at the Annual Tactile Research Group meeting, New Orleans.

Reed, C.L., Dale, A.M., Dhond, R.P., Post, D., Paulson, K., & Halgren, E. (2000, November). Tactile pattern and location discrimination using MEG. Paper presented at the 30th Annual Meeting of the Society for Neuroscience, New Orleans.

Grubb, J. D. & **Reed, C.L.** (2000, September). Effects of TMV on body midline differ in peripersonal and extrapersonal space. Paper presented at the EuroConference on Cognitive and Neural Bases of Spatial Neglect, Como, Italy.

Grubb, J. D. & **Reed, C.L.** (2000, April). Evidence for multiple spatial representations from TMV of the posterior neck muscles. Paper presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Reed, C.L., Halgren, E., Dhond, R.P., Rabbel, C.D., & Paulson, K. (1999, November). Activation of SII during passive tactile pattern discrimination using MEG. Paper presented at the 40th Meeting of the Psychonomic Society, Los Angeles.

Reed, C.L., Shahom, S., Halgren, E., & Norman, R. (1999, October). Tactile object recognition activates the secondary somatosensory area (SII): an fMRI study. Paper presented at the 29th Annual Meeting of the Society for Neuroscience, Miami.

Polk, T., **Reed, C.L.**, Keenan, J., Hogarth, P., & Anderson, C.A. (1999, October). A semantic deficit for numbers: a case of acalculia. Paper presented at the 29th Annual Meeting of the Society for Neuroscience, Miami.

Grubb, J., & **Reed, C.L.** (1999, April). Distortions of near and far space produced by TMV. Paper presented at the fifth meeting of the Cognitive Neuroscience Society, Washington, D.C.

McGoldrick, J., & **Reed, C.L.** (1999, April). Mechanisms and processes influencing the spatial body schema. Paper presented at the 5th meeting of the Cognitive Neuroscience Society, Washington, D.C.

Lakatos, S., & **Reed, C.L.** (1998, November). Ecological and referential constraints on attended body locations. Paper presented at the 39th meeting of the Psychonomic Society, Dallas.

Reed, C.L., Polk, T., Keenan, J., Hogarth, P., & Anderson, C.A. (1998, April). A case of acalculia: number comprehension and processing. Paper presented at the 4th meeting of the Cognitive Neuroscience Society, San Francisco.

Davis, J.T., Jones, G., **Reed, C.**, Thoma, R., & Lewine, J.D. (1998, April). Temporal localization of auditory short-term memory using MEG. Paper presented at the 4th meeting of the Cognitive Neuroscience Society, San Francisco.

Reed, C.L. (1997, November). Spatial frames of reference in touch using the horizontal-vertical illusion. Paper presented at the meeting of the Tactile Research Group, Philadelphia.

Reed, C.L., & O'Brien, C.F. (1996, March). Motor imagery deficits in patients with Parkinson's Disease. Paper presented at the 3rd meeting of the Cognitive Neuroscience Society, San Francisco.

Reed, C.L., & Franks, I. M. (1995, November). Movement preprogramming and on-line control in Parkinson's Patients. Paper presented at the 36th meeting of the Psychonomic Society, Los Angeles.

Reed, C.L., Caselli, R. J., & Farah, M.J. (1995, March). Tactile agnosia: underlying impairment and implications for normal tactile object recognition. Paper presented at the 2nd meeting of the Cognitive Neuroscience Society, San Francisco.

Reed, C.L. & Vinson, N.G. (1994, November). Conceptual influences on representational momentum. Paper presented at the 35th meeting of the Psychonomic Society, St. Louis.

Reed, C.L., Caselli, R.J., & Farah, M.J. (1994, November). Shape and space processing in tactile agnosia. Paper presented at the Tactile Research Group meeting, St. Louis.

Reed, C.L. & Caselli, R.J. (1993, November). Tactile agnosia: an analysis of processing deficits. Paper presented at the 34th meeting of the Psychonomic Society, Washington, DC

Reed, C.L., Caselli, R.J. & Farah, M.J. (1993, November). Is tactile agnosia specific to the hands? Paper presented at the meeting of the Tactile Research Group, Washington, DC

Reed, C.L. & Caselli, R.J. (1992, November). The nature of tactile agnosia. Paper presented at the meeting of the Tactile Research Group, St. Louis.

Reed, C.L. & Farah, M.J. (1992, November). The psychological reality of the body schema: A test with normal subjects. Paper presented at the 33rd meeting of the Psychonomic Society, St. Louis.

Lederman, S.J., Klatzky, R.L., & **Reed, C.L.** (1992, November). Orthogonal/redundant information about 3D objects: Constraints on haptic dimensional integration. Paper presented at the 33rd meeting of the Psychonomic Society, St. Louis.

Reed, C.L. (1991, November). Perceptual dependence between shape and texture for two- and three-dimensional objects during haptic exploration. Paper presented at the 32nd meeting of the Psychonomic Society, San Francisco.

Reed, C.L., Klatzky, R.L., & Lederman, S.J. (1989, August). Haptic integration of planar shape and size. Paper presented at the meeting of the American Psychological Association, New Orleans.

Reed, C.L., Klatzky, R.L., & Lederman, S.J. (1989, April). Haptic integration of object properties. Paper presented at the meeting of the Western Psychological Association, Reno.

Klatzky, R.L., Lederman, S.J., & **Reed, C.L.** (1987, November). Haptic categorization of objects by multiple dimensions. Paper presented at the 28th meeting of the Psychonomic Society, Seattle.

Klatzky, R.L., Lederman, S.J., & **Reed, C.L.** (1986, November). Are object properties equally salient for vision and haptics? Paper presented at the 27th meeting of the Psychonomic Society, New Orleans.

Research Reported In Popular Journals and Newspapers

1) Congenital Amusia

Reed, C.L., Stone, V.E., Cahn, J., Szaflarski, J., Cory, C., & Ruggles, D. (2002). Press Release #5016: To not hear music: a case of congenital amusia. Paper presented at the 32nd Annual Meeting of the Society for Neuroscience, Orlando.

Travis, J. (2002). Scanning a brain that's out of tune. *Science News*, 162 (Nov 23): 334.

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Selected Professional Service

- 2007 Undergraduate Research Center Representative of the Marsico Steering Committee, University of Denver
- 2006-07 Social Sciences Representative, Partners-in-Scholarship, Univ of Denver
- 2006 National Institute of Health: Ad hoc panel member for Cognition and Perception (October)
- 2006-07 Social Sciences Representative, Marsico Steering Committee, Univ of Denver
- 2006-07 Professional Funds Committee, Dept of Psychology, Univ of Denver
- 2006 Outside Chair, Ph.D. Thesis Defense, Dept of English, Univ of Denver
- 2006-07 Professional Research Opportunities for Faculty (PROF) SOCS Peer Review Committee Chair, Univ of Denver
- 2004-06 G-9 Faculty-Trustee Committee, Univ of Denver
- 2002-07 Scientific Advisory Board Member, *MEG and fMRI Program Project*, University of Colorado Health Science Center
- 2001-07 Faculty Senate, Faculty Finance Committee, Univ of Denver
- 2005 Outside Chair, Ph.D. Thesis Defense, Dept of Education, Univ of Denver
- 2005 National Institute of Health: Ad hoc panel member for Cognition and Perception (June)
- 2005 Teaching Task Force, Univ of Denver
- 2005 Outside Chair, M.A. Thesis Defense, Dept of Anthropology, Univ of Denver
- 2005-07 Ammi Hyde Interviews, Univ of Denver
- 2004 Chair, Multisensory Integration Session, Psychonomic Society.
- 2002-04 Psi Chi Advisor, Univ of Denver chapter
- 2001-03 Partners in Scholarship Advisory Board, Univ of Denver
- 2001-02 Social Science Division Promotion & Tenure Committee, Univ of Denver
- 1997-02 Scientific Advisory Board Member, NIMH Program Project- Definition and Development of the Phenotype in Autism, University of Colorado Health Science Center
- 2000 Chair, Touch and Audition, Psychonomic Society
- 2000 Panel on "Athletics and academics—Forming faculty foundations," Univ of Denver
- 1997 Chair, Touch I Session, Psychonomic Society
- 1997 Professional Development Seminar, Univ of Denver
- 1995-03 Coordinator, Greater Denver Area Neuroscience Research Group
- 1995-97 Co-area head, Experimental Area, Univ of Denver
- 1995 Chair, Annual Meeting of the Tactile Research Group
- 1994-07 Developmental Cognitive Neuroscience Program developer, Univ. of Denver

Ad Hoc Reviewer for Journals and Grant Organizations:

Neuroscience Journals:

- *Journal of Autism and Developmental Delays, Journal of Cognitive Neuroscience, Experimental Brain Research, Cognitive Brain Research, Neuroscience Letters, Somatosensory & Motor Research, NeuroCase, Brain and Cognition, Journal of Physiology, Journal of Cognitive and Affective Brain Sciences, Proceedings of the*

National Academy of Science, Journal of Neurophysiology, Cerebral Cortex, Journal of Neuroscience

Experimental Psychology Journals:

- *Cognitive Psychology, Memory & Cognition, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Human Perception and Performance, Journal of Experimental Psychology: Learning; Memory; and Cognition, Psychological Science, Psychological Bulletin, Visual Cognition, Perception, Psychological Bulletin & Review, Perception & Psychophysics, Cognition, Brain and Behavioural Sciences, Transactions of Applied Perception*

Neuroimaging Journals:

- *NeuroImage, Human Brain Mapping, NeuroReport, Brain Research*

Reviews for Grant Organizations

- National Science Foundation: Human Perception and Performance, National Science Foundation: Experimental Program to Stimulate Competitive Research, Canadian Institute for Research, European Institute for Research, NSERC

Professional Affiliations:

Sigma Xi, Psychonomic Society, Cognitive Neuroscience Society, Society for Neuroscience, Rocky Mountain Society for Neuroscience, Organization of Human Brain Mapping, American Psychological Society

Courses Taught

Seminar in Cognitive Neuroscience (advanced undergraduate)

Cognitive Neuroscience (graduate, undergraduate)

Neural Bases of Perception (undergraduate, graduate)

Imaging Cognition (graduate/advanced undergraduate)

Memory and Cognition (graduate)

Developmental Cognitive Neuroscience Practicum: Testing Head-injured Patients (graduate)

Bioengineering System Design (co-instructor, undergraduate)