

Vita

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Lance J. Rips

Department of Psychology
Northwestern University
2029 Sheridan Road
Evanston, IL 60208

847-491-5947
rips@northwestern.edu
<https://sites.northwestern.edu/ripslab/>

Education:

B.A., Swarthmore College
Ph.D., Stanford University

Academic Honors and Affiliations:

1970	Phi Beta Kappa, Swarthmore College
1970-1973	NSF Graduate Fellow, Stanford University
1979-1984	NIMH Research Scientist Development Award
1989-1990	James McKeen Cattell Award
1990	Fellowship, University of Leuven, Belgium
1997-1998	Senior Research Fellow, American Statistical Association, NSF, Bureau of Labor Statistics
2004-2005	Fulbright Fellowship
2006	Book Award for <i>Psychology of Survey Response</i> from the American Association for Public Opinion Research
2008-2009	Guggenheim Fellowship
2010	Teaching Award, Undergraduate Psychology Association, Northwestern University

Positions Held:

Professor, Department of Psychology, Northwestern University, 1993-present.
Visiting Scholar, Rutgers University, 2008-2009
Guest Professor, University of Leuven, Belgium, 2004-2005
Professor, Department of Psychology, University of Chicago, 1991-1993
Visiting Scholar, Psychology Department, Stanford University, 1989-1990
Visiting Associate Research Social Scientist, Cognitive Science Department, University of Arizona, 1986
Visiting Scientist, Center for Cognitive Science, M.I.T., 1982-1983
Associate Professor, Department of Behavioral Sciences, University of Chicago, 1981-1991
Assistant Professor, Department of Behavioral Sciences, University of Chicago, 1974-1981

*Professional
Activities:*

Consulting editor for:

Cognition
Public Opinion Quarterly

Ad hoc reviewer for:

National Science Foundation
Psychological Review
Cognitive Psychology
Cognitive Science
Memory and Cognition

*Professional
Memberships:*

Fellow, Association for Psychological Science
Society of Experimental Psychologists
Fellow, Cognitive Science Society
Psychonomic Society
Linguistic Society of America
Society for Philosophy and Psychology

Research Interests:

Deductive and Inductive Reasoning;
Mathematical and Causal Thinking;
Comprehension and Memory;
Processing of Natural Categories;
Autobiographical Memory and Survey Research;
Mathematical and Computer Modeling of the above

Publications:

Books:

Rips, L. J. (in preparation). *Taking shape: Mental concepts of ordinary things*.

Rips, L. J. (2011). *Lines of thought: Central concepts in cognitive psychology*. Oxford, UK: Oxford University Press.

Adler, J. E., & Rips, L. J. (eds.) (2008). *Reasoning: Studies of human inference and its foundations*. Cambridge, UK: Cambridge University Press.

Tourangeau, R., Rips, L. J., & Rasinski, K. (2000). *The psychology of survey response*. Cambridge, UK: Cambridge University Press.

Slovan, S. A., & Rips, L. J. (eds.) (1998). *Similarity and symbols in human thought*. Cambridge, MA: MIT Press.

Rips, L. J. (1994). *The psychology of proof: Deduction in human thinking*. Cambridge, MA: MIT Press.

Journal articles and chapters:

Salomon-Amend, M. M., & Rips, L. J. (2023). How do we regard fictional people? How do they regard us? *Psychonomic Bulletin and Review*.

Cariani, F., & Rips, L. J. (2023). Experimenting with (conditional) perfection: Tests of the exhaustivity theory. In S. Kaufmann, D. E. Over, & G. Sharma (Eds.), *Conditionals: Logic, linguistics, and psychology* (pp. 235-274). Palgrave Macmillan.

Rips, L. J. (2020). Possible objects: Topological approaches to individuation. *Cognitive Science*, 44(11), Article e12916, <https://doi.org/10.1111/cogs.12916>

Rips, L. J., & Hespos, S. J. (2019). Concepts of objects and substances in language. *Psychonomic Bulletin and Review*, 26, 1238–1256.

Rips, L. J., & Leonard, N. (2018). Does the identity of an object depend on its category? The role of sortals in thought. In A. Goldman & B. McLaughlin (Eds.), *Metaphysics and cognitive science*. Oxford, UK: Oxford University Press.

Asmuth, J., Morson, E., & Rips, L. J. (2018). Children's understanding of the natural numbers' structure. *Cognitive Science*, 42, 1945-1973.

Wellwood, A., Hespos, S. J., & Rips, L. (2018). How similar are objects and events? *Acta Linguistica Hungarica*, 65, 473-501.

- Wellwood, A., Hespos, S. J., & Rips, L. J. (2018). The object : substance :: event : process analogy. In J. Knobe, T. Lombrozo, & S. Nichols (Eds.), *Oxford studies in experimental philosophy* (vol. 2, pp. 183-212). Oxford, UK: Oxford University Press.
- Anderson, E. M., Hespos, S. J., & Rips, L. J. (2018). Five-month-old infants have expectations for the accumulation of nonsolid substances. *Cognition*, *175*, 1-10.
- Rips, L. J. (2017). Core cognition and its aftermath. *Philosophical Topics*, *45*, 157-179.
- Dink, J. W., & Rips, L. J. (2017). Folk teleology and its implications. In D. Rose (Ed.), *Experimental metaphysics* (pp. 207-236). London: Bloomsbury Press.
- Cariani, F., & Rips, L. J. (2017). Conditionals, context, and the suppression effect. *Cognitive Science*, *41*, 540-589.
- Hespos, S. J., Ferry, A. L., Anderson, E. M., Hollenbeck, E. N., & Rips, L. J. (2016). Five-month-old infants have general knowledge of how nonsolid substances behave and interact. *Psychological Science*, *27*, 244-256.
- Salomon, M., & Rips, L. J. (2016). Permeability of fictional worlds. In A. Papafragou, D. Grodner, D. Mirman, & J. C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 2111-2117). Austin, TX: Cognitive Science Society.
- Rips, L. J. (2015). Beliefs about the nature of numbers. In E. Davis & P. Davis (Eds.), *Mathematics, substance and surmise: Views on the meaning and ontology of mathematics* (pp. 321-345). Berlin: Springer.
- Rips, L. J., & Hespos, S. J. (2015). Divisions of the physical world: Concepts of objects and substances. *Psychological Bulletin*, *141*, 786-811.
- Leonard, N., & Rips, L. J. (2015). Identifying and counting objects: The role of sortal concepts. *Cognition*, *145*, 89-103.
- Johnson, S. G. B., & Rips, L. J. (2015). Do the right thing: The assumption of optimality in lay decision theory and causal judgment. *Cognitive Psychology*, *77*, 42-76.
- Urminsky, O., Bartels, D. M., Giuliano, P., Newman, G., Puntoni, S., Rips, L. J. (2014). Choice and self: How synchronic and diachronic identity shape choices and decision making. *Marketing Letters*, *25*, 281-291.
- Sagi, E., & Rips, L. J. (2014). Identity, causality, and pronoun ambiguity. *Topics in Cognitive Science*, *6*, 663-680.
- Rips, L. J., & Thompson, S. (2014). Possible number systems. *Cognitive, Affective, and Behavioral Neuroscience*, *14*, 3-23.
- Rips, L. J., & Edwards, B. J. (2013). Inference and explanation in counterfactual reasoning. *Cognitive Science* *37*, 1107-1135.

- Rips, L. J. (2013). How many is a zillion? Sources of number distortion. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *39*, 1257-1264.
- Rips, L. J., Asmuth, J., & Bloomfield, A. (2013). Can statistical learning bootstrap the integers? *Cognition*, *128*, 320-330.
- Stranegård, C., Engström, F., Nizamani, A. R., & Rips, L. J. (2013). Reasoning about truth in first-order logic. *Journal of Logic, Language, and Information*, *22*, 115-137.
- Hespos, S. J., Dora, B., Rips, L. J., & Christie, S. (2012). Infants make quantity discriminations for substances. *Child Development*, *83*, 554-567.
- Rips, L. J., Smith, E. E., & Medin, D. L. (2012). Concepts and categories: memory, meaning, and metaphysics. In K. J. Holyoak & R. G. Morrison (Eds.), *Oxford handbook of thinking and reasoning* (pp. 177-209). Oxford, UK: Oxford University Press.
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- Rips, L. J., & Hespos, S. J. (2011). Rebooting the bootstrap argument: Two puzzles for bootstrap theories of concept development. *Behavioral and Brain Sciences*, *34*, 145-146.
- Rips, L. J. (2011). Split identity: Intransitive judgments of the identity of objects. *Cognition*, *119*, 356-373.
- Rips, L. J. (2011). Causation from perception. *Perspectives on Psychological Science*, *6*, 77-97.
- Rips, L. J. (2010). Two causal theories of counterfactual conditionals. *Cognitive Science*, *34*, 175-221.
- Bartels, D. M., & Rips, L. J. (2010). Psychological connectedness and intertemporal choice. *Journal of Experimental Psychology: General*, *139*, 49-69.
- Rips, L. J. (2009). Argumentative thinking: An introduction to the special issue on psychology and argumentation. *Informal Logic*, *29*, 327-336.
- Conrad, F. G., Rips, L. J., & Fricker, S. S. (2009). Seam effects in quantitative responses. *Journal of Official Statistics*, *25*, 339-361.
- Hespos, S. J., Ferry, A. L., & Rips, L. J. (2009). Five-month-old infants have different expectations for solids and liquids. *Psychological Science*, *20*, 603-611.
- Rips, L. J., Bloomfield, A., & Asmuth, J. (2008). Dissonances in theories of number understanding. *Behavioral and Brain Sciences*, *31*, 671-687.
- Rips, L. J., Bloomfield, A., & Asmuth, J. (2008). From numerical concepts to concepts of number. *Behavioral and Brain Sciences*, *31*, 623-642.
- Rips, L. J. (2008). Behavioral questions. In P. J. Lavrakas (Ed.), *Encyclopedia of survey research methods* (vol. 1, pp. 51-52). Thousand Oaks, CA: Sage Press.

- Rips, L. J. (2008). Causal thinking. In J. E. Adler & L. J. Rips (Eds.), *Reasoning: Studies of human inference and its foundation* (pp. 597-631). Cambridge, UK: Cambridge University Press.
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- Blok, S. V., Newman, G. E., & Rips, L. J. (2007). Out of sorts? Remedies for theories of object concepts: A reply to Rhemtulla and Xu. *Psychological Review*, *114*, 1096-1102.
- Rips, L. J., & Asmuth, J. (2007). Mathematical induction and induction in mathematics. In A. Feeney & E. Heit (Eds.), *Induction* (pp. 248-268). Cambridge, UK: Cambridge University Press.
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- Rips, L. J., Blok, S., & Newman, G. (2006). Tracing the identity of objects. *Psychological Review*, *113*, 1-30.
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- Rips, L. J. (2001). Necessity and natural categories. *Psychological Bulletin*, 127, 827-852.
- Rips, L. J. (2001). Two kinds of reasoning. *Psychological Science*, 12, 129-134.
- Rips, L. J., Conrad, F. G., & Fricker, S. S. (2000). Unraveling the seam effect. *Proceedings of the Section on Survey Research Methods, American Statistical Association*, 465-470.
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- Rips, L. J., Brem, S. K., & Bailenson, J. (1999). Reasoning dialogues. *Current Directions in Psychological Science*, 8, 172-177.
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- Rips, L. J. (1997). Goals for a theory of deduction. *Minds and Machines*, 7, 409-424.

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- Rips, L. J. (1991). Similarity and the structure of categories. In D. J. Napoli and J. A. Kegl (Eds.), *Bridges between psychology and linguistics: A Swarthmore Festschrift for Lila Gleitman* (pp. 35-53). Hillsdale, NJ: Erlbaum.
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- Rips, L. J. (1990). Reasoning. *Annual Review of Psychology, 41*, 321-353.
- Rips, L. J. (1989). Similarity, typicality, and categorization. In S. Vosniadou & A. Ortony (Eds.), *Similarity and analogical reasoning* (pp. 21-59). Cambridge: Cambridge University Press.
- Rips, L. J. (1989). The psychology of knights and knaves. *Cognition, 31*, 85-116.
- Rips, L. J., & Conrad, F. G. (1989). The folk psychology of mental activities. *Psychological Review, 96*, 187-207.
- Smith, E. E., Osherson, D. N., Rips, L. J., & Keane, M. (1988). Combining prototypes: A selective modification model. *Cognitive Science, 12*, 485-527. Reprinted in E. Margolis & S. Laurence (Eds.), *Concepts* (pp. 355-390). Cambridge, MA: MIT Press, 1999.
- Rips, L. J. (1988). Deduction. In R. J. Sternberg & E. E. Smith (Eds.), *The psychology of human thought*. Cambridge: Cambridge University Press.

- Bradburn, N. M., Shevell, S. K., & Rips, L. J. (1987). Autobiographical memory and survey research. *Proceedings of the American Statistical Association, Social Statistics Section*, 72-81.
- Bradburn, N. M., Rips, L. J., & Shevell, S. K. (1987). Answering autobiographical questions: The impact of memory and inference on surveys. *Science*, 236, 157-161.
- Rips, L. J. (1986). Mental muddles. In M. Brand & R. M. Harnish (Eds.), *The representation of knowledge and belief* (pp. 258-286). Tucson, AZ: University of Arizona Press.
- Brown, N. R., Shevell, S. K., & Rips, L. J. (1986). Public memories and their personal context. In D. C. Rubin (Ed.), *Autobiographical memory*. Cambridge: Cambridge University Press.
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- Smith, E. E., Medin, D. L., & Rips, L. J. (1984). A psychological approach to concepts: Comments on Rey's "Concepts and stereotypes." *Cognition*, 17, 265-274.
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- Angiolillo-Bent, J. S., & Rips, L. J. (1982). Order information in multiple element comparison. *Journal of Experimental Psychology: Human Perception and Performance*, 8, 392-406.
- Galambos, J. A., & Rips, L. J. (1982). Memory for routines. *Journal of Verbal Learning and Verbal Behavior*, 21, 260-281.
- Conrad, F. G., & Rips, L. J. (1981). Perceptual focus, text focus, and semantic composition. In M. F. Miller, C. S. Masek, & R. A. Hendrick (Eds.), *Language and behavior*. Chicago: Chicago Linguistics Society.
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- Rips, L. J., & Turnbull, W. (1980). How big is big? Relative and absolute properties in memory. *Cognition*, 8, 145-174.

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- Rips, L. J., Smith, E. E., & Shoben, E. J. (1978). Semantic composition in sentence verification. *Journal of Verbal Learning and Verbal Behavior*, 17, 375-401.
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Reviews and other writing:

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- Rips, L. J. (1987). Review of Harman. *Contemporary Psychology*, 32, 245- 246.
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