

**Douglas L. Medin**

Department of Psychology  
Northwestern University  
2029 Sheridan Road  
Evanston, IL 60208-2710  
Phone: (847) 467-1660  
Fax: (847) 491-7859  
medin@northwestern.edu

Education:

Moorhead State College, Moorhead, MN, B.A., Psychology, 1965  
University of South Dakota, Vermillion, SD, M.A., Psychology, 1966  
University of South Dakota, Vermillion, SD, Ph. D., Psychology, 1968  
UHPHS Postdoctoral fellow, Rockefeller University, 1968-1969

Honors:

B.A., Magna Cum Laude  
Cognitive Science Society Governing Board  
Psychonomic Society Governing Board  
New York Academy of Science  
Psychometric Society  
American Psychological Association Fellow  
AAAS Fellow  
APS Fellow, APS Governing Board  
Society of Experimental Psychologists  
Eligible scholar, Center for Advanced Study in the Behavioral Sciences.  
CAS Visiting Committee Research and Teaching Professor, 1996-2000  
APA Fellow (Elected 1981)  
American Academy of Arts and Sciences (Elected 2002)  
John Simon Guggenheim Fellow, 2004  
APA Distinguished Scientific Contribution Award, 2005  
National Academy of Sciences (Elected 2005)  
Louis W. Menk Chair in Psychology, 2005  
APA Presidential Citation, 2008  
APS President, 2011-2012  
National Academy of Education (Elected 2012)  
APS William James Lifetime Achievement Award for Basic Research, 2013

Major Research Interests:

Culture, Cognition and Learning, Computational Models of Cognition, Concept and Classification Learning, Decision Making

Research and/or Professional Experience:

Professor, Northwestern University, 1992- present; Department Chair, 1994-1998, 2000-2001.  
Professor, University of Michigan, 1989-1992  
Professor, University of Illinois, 1981-1989

Director, Program in Culture, Language and Cognition, 2000 - present  
 Director, Program in Cognitive Studies of the Environment, 2000 - present  
 Fellow, U. of Illinois Center for Advanced Study, 1981-1982  
 Visiting Professor, University College, London, 1985  
 Associate Professor, University of Illinois, 1978 - 1981  
 Associate Professor, The Rockefeller University, 1975 - 1978  
 Assistant Professor, The Rockefeller University, 1969 - 1975  
 USPHS Postdoctoral Fellow, The Rockefeller University, 1968 - 1969  
 NASA Predoctoral Fellow, University of South Dakota, 1965 - 1968  
 Editor, Psychology of Learning and Motivation, 1992-2000  
 Consulting Editor, Cognition, 1988 -1990; 1996 - present  
 Editor, Cognitive Psychology, 1990-1995  
 Consulting Editor, Cognitive Psychology, 1988 - 1990, 1995 - present  
 Consulting Editor, Journal of Experimental Psychology: Human Learning and Memory,  
 1981 - 1984, 2000- present  
 Associate Editor, Journal of Experimental Psychology: Learning, Memory, and Cognition,  
 1984 - 1988  
 Consulting Editor, Journal of Experimental Psychology: General, 1985 -1989  
 Consulting Editor, Journal of Experimental Psychology: Animal Behavioral Processes,  
 1974 - 1985  
 Member, NSF Memory and Cognition Program Grant Panel, 1985 -1987  
 Member, NIMH Basic Behavioral Research Grant Panel, 1979 - 1984

### Publications:

- ojaehto, b., Seligman, R., & Medin, D. (in press). Cognition beyond the human: Cognitive psychology and the new animism. *Ethos*.
- Bang, M., Alfonso, J., Faber, L., Marin, A., Marin, M., Medin, D., Waxman, S., & Woodring, J. (in press). Perspective Taking in Early Childhood Books: Implications for Early Science Learning. *Cultural Studies of Science Education*.
- Hruschka, D., Medin, D., Rogoff, B., Henrich, J. (2018). Pressing Questions in the Study of Psychological and Behavioral Diversity. *PNAS*, *115* (45), 11366-11368.
- Nzinga, K., Rapp, D., Leatherwood, C., Easterday, M., Rogers, L.O., Gallagher, N., & Medin, D.L. (2018). Should social scientists be distanced from or engaged with the people they study? *PNAS*, *115* (45), 11435-11441.
- Taverna, A., Medin, D.L., & Waxman, S.R. (2018). "Inhabitants of the earth": Reasoning about folkbiological concepts in Wichi children and adults. In Marshall, P.J., & Brenneman, K. (Eds.) *Young Children's Developing Understanding of the Biological World*, (pp. 7-27). Abingdon, England: Routledge.
- Medin, D. L., & Herrera, A. (2018). Categories and taxonomies. In H. Callan (Ed.) *International Encyclopedia of Anthropology*. Wiley.
- National Research Council. (2018). *How People Learn II: Learners, Contexts, and Cultures*. Washington, DC: The National Academies Press.

- Nzinga, K.L.K., & Medin, D.L. (2018). The Moral Priorities of Rap Listeners. *Journal of Cognition and Culture*, 312-342.
- Page-Reeves, J., Cortez, G., Ortiz, Y., DeerInWater, K., & Medin, D. (2018). Situating Giving Back for Native Americans Pursuing Careers in STEM: “You don’t just take, you give something back.” *2017 Proceedings of the Southwest Anthropological Association*, 11, 22-33.
- Deloria, P., Lomawaima, K.T., Brayboy, B.M.K., Medin, D., & Blackhawk, N. (Guest Eds.). (2018). Unfolding Futures: Indigenous Ways of Knowing for the Twenty-First Century [Special issue], *Daedalus*, 147(2).
- Bang, M., Marin, A., & Medin (2018). If Indigenous Peoples Stand with the Sciences, Will Scientists Stand with Us? *Daedalus*, 147(2), 148-159.
- Page-Reeves, J., Marin, A., Moffett, M., DeerInWater, K., & Medin, D. (2018). Wayfinding as a concept for understanding success among Native Americans in STEM: "learning how to map through life". *Culture Studies of Science Education*. Advanced online publication: doi: 10.1007/s11422-017-9849-6.
- Marin, A., Medin, D., & ojalehto, b. (2017). Conceptual change, relationships, and cultural epistemologies. In T. Amin & O. Levrini (Eds.) *Converging Perspectives on Conceptual Change: Mapping an Emerging Paradigm in the Learning Sciences*. Routledge.
- Washinawatok, K., Rasmussen, C., Bang, M., Medin, D., Woodring, J., Waxman, S., Marin, A., Gurneau, J., & Faber, L. (2017). Children’s Play with a Forest Diorama as a Window into Ecological Cognition. *Journal of Cognition and Development*, 18(5), 617-632. doi: 10.1080/15248372.2017.1392306
- Page-Reeves, J., Marin, A., DeerInWater, K., & Medin, D. (2017) Broadening Conceptualization of Native Identity as Foundational for Success among Native Americans in STEM. *Anthropology*, 5:187. doi:10.4172/2332-0915.1000187.
- Medin, D.L. (2017). Psychological Science as a Complex System: Report Card. *Perspectives on Psychological Science*, 12(4) 669–674.
- Page-Reeves, J., Marin, A., Bleecker, M., Moffett, M., DeerInWater, K., EchoHawk, S., Medin, D. (2017). From community data to research archive: Partnering to increase and sustain capacity within a native organization. *Gateways: International Journal of Community Research and Engagement*, 10, 283-297.
- ojalehto, b., Medin, D., & García, S. (2017). Grounding principles for inferring agency: Two cultural perspectives. *Cognitive Psychology*, 95, 50-78.
- Medin, D.L., ojalehto, b., Marin, A., & Bang, M. (2017). Systems of (Non-)Diversity. *Nature Human Behaviour*, 1, 0088.
- Bender, A., Beller, S., & Medin, D. L.(2017). Causal cognition and culture. In M. R. Waldmann (Ed.), *Oxford Handbook of Causal Reasoning*. New York: Oxford University Press.
- ojalehto, b., Medin, D., & García, S. (2017). Conceptualizing agency: Folkpsychological and folkcommunicative perspectives on plants. *Cognition*, 162, 103-123.

- Waxman, S., Herrmann, P., Woodring, J., & Medin, D. (2016). Humans (really) are animals: Picture-book reading influences five-year-old urban children's construal of the relation between humans and non-human animals. In J. S. Horst & C. Houston-Price (Eds). *An open book: What and how young children learn from picture and story books*. Lausanne: Frontiers Media. doi: 10.3389/978-2-88919-728-6.
- Taverna, A., Medin, D.L., & Waxman, S.R. (2016). "Inhabitants of the earth": Reasoning about folkbiological concepts in Wichí children and adults. *Early Education and Development*, 27(8), 1109-1129.
- Bang, M., Marin, M., Medin, D. L., & Washinawatok, K. (2015). Learning by Observing, Pitching in, and Being in Relations in the Natural World. In M. Correa-Chávez, R. Mejía-Arauz, & B. Rogoff (Eds.), *Children Learn by Observing and Contributing to Family and Community Endeavors: A Cultural Paradigm Vol 49* (pp. 303-313). ACDB, UK: Academic Press.
- ojalehto, b., & Medin, D.L. (2015). Emerging Trends in Culture and Concepts. In R. Scott & S. Kosslyn (Eds.). *Emerging Trends in the Social and Behavioral Sciences*. New York: John Wiley & Sons.
- ojalehto, b., Medin, D. L., Horton, W. S., Garcia, S. G., & Kays, E. G. (2015). Seeing cooperation or competition: Ecological interactions in cultural perspectives. *Topics in Cognitive Science*. online : 3 Oct 2015, DOI: 10.1111/tops.12156.
- Medin, D., ojalehto, b., Waxman, S., & Bang, M. (2015). Relations: Language, epistemologies, categories and concepts. In E. Margolis & S. Laurence (Eds.), *The Conceptual Mind: New Directions in the Study of Concepts* (pp. 349-378). Cambridge: MIT Press.
- ojalehto, b., & Medin, D.L. (2015). Theory of Mind in the Pacific: Reasoning Across Cultures. Jürg Wassman, Birgit Träuble, and Joachim Funke. Heidelberg, Germany: Universitätsverlag Winter. 2013. ix-277 pp., Ethos 43(1), E5-E8.
- ojalehto, b. l., & Medin, D. (2015). Perspectives on culture and concepts. *Annual Review of Psychology*. 66, 249-275.
- Olson, I., Marin, A., Medin, D. (2014). Learning and thinking in practice: Complex systems thinking in the wild". Proceedings of the 11th International Conference of the Learning Sciences, 1372-1381.
- Medin, D.L. & Bang, M. (2014). *Who's asking? Native science, Western science and science education*. Cambridge, MA: The MIT Press.
- Medin, D., Lee, C. D., & Bang, M. (2014). *Particular Points of View*. *Scientific American*, 311(4), 44-45.
- Medin, D.L. & Bang, M. (2014). The cultural side of science communication. *Proceedings of the National Academy of Sciences*, online <http://www.pnas.org/cgi/doi/10.1073/pnas.1317510111>.
- Gong, H., Medin, D. L., Eyal, T., Liberman, N., Trope, Y., Zezelj, I. L., & Jokic, B. R. (2014). Commentaries and Rejoinder on Zezelj and Jokic (2014). *Social Psychology*, 1-8.
- Taverna, A. S.; Waxman, S. R.; Medin, D. L., Moscoloni, N. & Peralta, O. A. (2014). Naming the living things: Linguistic, experiential and cultural factors in Wichí and Spanish speaking children. *Journal of Culture and Cognition*, 14, 213-233.

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- Le Guen, O., Iliev, R., Lois, X., Atran, S., Medin, D. (2013). A garden experiment revisited: Inter-generational change in environmental perception and management of the Maya Lowlands, Guatemala, *Journal of the Royal Anthropological Institute*. 19(4), 771-794.
- ojalehto, b., Waxman, S.R. & Medin, D.L. (2013). Teleological reasoning about nature: Intentional design or relational perspectives? *Trends in Cognitive Sciences*, 17(4), 166-171.
- Medin, D., & Bang, M. (2013). Culture in the Classroom. *Phi Delta Kappan*, 95(4): 64-67.
- Medin, D., ojalehto, b., Marin, A., & Bang, M. (2013). Culture and epistemologies: Putting culture back into the ecosystem. To appear in: M. Gelfand, CY Chiu, & Y-Y. Hong (Eds.), *Advances in Culture and Psychology Series*, Oxford University Press.
- Dehghani, M., Bang, M., Medin, D.L., Marin, A., Leddon, E., Waxman, S. (2013). Epistemologies in the text of children's books: Native and non-Native authored books. *International Journal of Science Education*, 35(13), 2133-2151.
- Sachdeva, S., Iliev, R. & Medin, D. (2013) Nonmutualistic morality. *Behavioral and Brain Sciences*, 36(1), 99-100. doi: 10.1017/S0140525X11002202
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- Iliev, R., Sachdeva, S., & Medin, D. (2012) Moral kinematics: The role of physical factors in moral judgments. *Memory and Cognition*, Online. DOI 10.3758/s13421-012-0217-1
- Gong, H. & Medin, D. (2012). Construal levels and moral judgment: Some complications. *Judgment and Decision Making*, 7(5), 628-638.
- Bender, A., Beller, S., & Medin, D. L. (2012). Turning tides: Prospects for more diversity in cognitive science. *Topics in Cognitive Science*, 4(3), 462-466.
- Beller, S., Bender, A., & Medin, D. L. (2012). Should anthropology be part of cognitive science? *Topics in Cognitive Science*, 4(3), 342-353.
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- Rips, L. J., Smith, E. E., & Medin, D. L. (2012). Concepts and categories: Memory, meaning, and metaphysics. In K. Holyoak & R. Morrison (Eds.), *The Oxford Handbook of Thinking and Reasoning*, pp 177-209.
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- Leddon, E.M., Waxman, S.R., Medin, (2011). What does it mean to 'live' and 'die'? A cross-linguistic analysis of parent-child conversations in English and Indonesian. *British Journal of Developmental Psychology*, 29(3): 375-395.
- Olson, I. D., Marin, A., Medin, D., Hirsh, A., Levy, S. T., Bang, M., ... Wilensky, U. (2014). Learning and thinking in practice: Complex systems thinking "in the wild". *Proceedings of International Conference of the Learning Sciences, ICLS*, 3(January), 1372-1381.
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- Dehghani, M., Atran, Iliev, R., Sachdeva, S., Medin, D. & Ginges, J. (2010). Sacred values and conflicts over Iran's nuclear program. *Judgment and Decision Making*, 5, 540-546.
- Medin, D. Bennis, W. & Chandler, M. (2010). The Home-field disadvantage. *Perspectives on Psychological Science*. 5(6), 708-713, doi: 10.1177/1745691610388772
- Bennis, W.M. & Medin, D.L., (2010). Weirdness is in the eye of the beholder. *Behavioral and Brain Sciences*, 33(2-3), 85 -86.
- Bang, M. & Medin, D. (2010). Cultural processes in science education: Supporting the navigation of multiple epistemologies. *Science Education*, online, DOI: 10.1002/sce.20392
- Unsworth, S., Medin, D.L., (2010). Concept Learning. In E. Baker, P. Peterson, B. McGaw (Eds.) *International Encyclopedia of Education*, 3rd. Edition. Elsevier 2010.
- Bang, M., Medin, D., Washinawatok, K., and Chapman, S. (2010). Innovations in culturally-based science education through partnerships and community. In M. Khine & I. Saleh (Eds.) *New Science of Learning: Cognition, Computers and Collaboration in Education*. New York: Springer.

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- Bennis, W.M., Medin, D.L., and Bartels, D.M. (2010). Perspectives on the ecology of decision modes: Reply to comments. *Perspectives on Psychological Science*, 5(2), 213-215.
- Bennis, W., Medin, D., & Bartels, D. (2010). The costs and benefits of calculation and moral rules. *Perspectives on Psychological Science*, 5(2), 187-202.
- Anggoro, F., Medin, D. & Waxman, S. (2010). Language and experience influence children's biological induction. *Journal of Cognition and Culture*, 10, 171-187.
- Winkler-Rhoades, N., Medin, D. L., Waxman, S. R., & Woodring, J., Ross, N. O. (2010). Naming the animals that come to mind: Effects of culture and experience on category fluency. *Journal of Cognition and Culture*, 10, 205-220.
- Herrmann, P., Waxman, S.R., & Medin, D.L. (2010). Anthropocentrism is not the first step in children's reasoning about the natural world. *Proceedings of the National Academy of Science*, 107(22) 9979-9984.
- Bartels, D. M., Bauman, C.W., Skita, L.J. & Medin, D.L. (2009). Psychology of learning and motivation: Moral judgment and decision making (Vol. 50). San Diego, CA: Academic Press.
- Bang, M., Medin, D. & Cajete, G. (2009). Improving science education for native students: Teaching place through community. *SACNAS News*, 12, 8-11.
- Dehghani, M., Iliev, R., Sachdeva, S., Atran, S., Ginges, J, & Medin, D. (2009). Emerging sacred values: Iran's nuclear program. *Judgment and Decision Making*, 4, 930-933.
- Iliev, R., Sachdeva, S., Bartels, D., Joseph, C., Suzuki, S., Medin, D. (2009). Attending to moral values. In B. H. Ross (Series Ed.) & D. M. Bartels, C. W. Bauman, L. J. Skitka, & D. L. Medin (Eds.), *Psychology of Learning and Motivation*, Vol. 50: *Moral Judgment and Decision Making*. San Diego, CA: Academic Press.
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- Ginges, J., Atran, S., Medin, D., & Shikaki, K. (2007). Sacred bounds on rational resolution of violent political conflict. *Proceedings of the National Academy of Science*, *104*, 7357-7360.
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Current Research Grants:

Collaborative Research: Cultural Processes in learning about ecosystems: Cultural epistemologies and complex systems

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Collaborative Research to Understand the Role of Culture, Identity, Epistemology and Bi-Cultural Efficacy in American Indian Educational and Professional Success in STEM

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Dynamics of Sacred Values and Social Responsibilities in Governance and Conflict Management: The Interplay between Leaders, Devoted Actor Networks, General Populations, and Time

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Graduate and Post-Graduates Advisors and Advisees:

Graduate Advisor - Roger T. Davis

Postdoctoral Fellowship Advisor - William K. Estes

Previous and Current (C) Graduate Advisees

Stephen Edelson  
Will Wattenmaker  
Gerald Dewey  
Wookyoung Ahn  
Robert Goldstone  
Mary Lassaline  
Joshua Rubinstein  
Cynthia Aguilar  
Bradley Love  
Sergey Blok  
Russ Burnett  
Amber Bloomfield  
Dan Bartels  
Megan Bang  
Patricia Herrmann  
Sara Unsworth  
Han Gong  
Izabel Olson  
Amanda Herrera (C)  
Janene Cielto (C)  
Kalonji Nzinga (C)  
Natalie Gallagher (C)  
Alissa Baker-Oglesbee (C)

Previous and Current (C) Post Doc Advisees:

Tom Reynolds  
Denis Hilton  
Edward Wisniewski  
Evan Heit  
John Coley  
Karen Solomon  
Luisa Maffi  
Norbert Ross  
Elizabeth Lynch  
Andrzej Tarlowski  
Will Bennis  
Olivier LeGuen  
Craig Joseph  
Morteza Dehghani  
Erin Leddon  
Rumen Iliev  
Sonya Sachdeva  
Eli Suzukovich  
Ananda Marin  
bethany ojalehto (C)