

DAVID S. MOORE
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EMPLOYMENT

2006 - 2012 Professor of Psychology, Pitzer College and Claremont Graduate University
Spring, 2009 Visiting Researcher at Kumamoto International University, Kumamoto, Japan
2005 - 2006 Guest Professor of Psychology, Sarah Lawrence College
2004 - 2006 Professor of Psychology, Yeshiva University
Spring, 2004 Visiting Professor of Psychology, Florida International University
2001 - 2004 Professor of Psychology, Pitzer College and Claremont Graduate University
1995 - 2001 Associate Professor of Psychology, Pitzer College and Claremont Graduate School
1989 - 1995 Assistant Professor of Psychology, Pitzer College and Claremont Graduate School
1988 - 1989 Post-Doctoral Fellowship in Developmental Psychology, City University of New York

EDUCATION

1988 Ph.D. Harvard University, Psychology
Major area: Developmental Psychology
Minor areas: Psychobiology, Social Psychology
Dissertation: "Auditory and Visual Integration in Very Young Infants"
Advisor: Professor Jerome Kagan
1985 M.A. Harvard University, Psychology
1983 B.A. Tufts University, Psychology, *Magna Cum Laude*

HONORS AND GRANTS

2010 - 2013 MRI: Acquisition of a High-density Electrophysiology Laboratory for Intercollegiate Research and Training in Cognitive Neuroscience. National Science Foundation (BCS-1039791, \$411,008 total costs). P.I.: Alan Hartley
Co-P.I.s: David S. Moore, Michael Spezio, Stacey Wood, & Catherine Reed
2010 - 2011 Workshop: Exploring the Concept of Homology in Developmental Psychology. National Science Foundation (BCS-1023899, \$32,292 total costs)
P.I.: David S. Moore, Co-P.I.: Chris Moore
1990 - 2011 Pitzer College summer research grant (18 awards)
1990 - 2011 Pitzer College research grant (18 awards)
1998 - 1999 Course Development Grant from Claremont Colleges Neurosciences Program (2 awards)
1997 Faculty Development Grant from Claremont Colleges Academic Deans Council, Development Seminar
1989 Individual National Research Service Award,
Postdoctoral level (NICHHD); 1 F32 HD07329-01: Declined
1988 - 1989 National Research Service Postdoctoral Fellowship (NICHHD); 5 T32 HD07196
1987 - 1988 Social Science Dissertation Fellowship, Harvard University
1985 - 1987 Harvard University Scholarship (2)
1983 *Magna Cum Laude* with Honors in psychology, Tufts University
Psi Chi National Honor Society (psychology)

PUBLICATIONS

Moore, D. S. (in press). Importing the homology concept from biology into developmental psychology. *Developmental Psychobiology*.

Moore, D. S. (in press). Behavioral Genetics, Genetics, & Epigenetics. In P. D. Zelazo (Ed.), *Oxford Handbook of Developmental Psychology* (pp. xx - xx). New York: Oxford University Press.

Moore, D. S. (in press). The babies, the representations, and the nativist-empiricist bathwater. *Cognitive Development*.

Moore, D. S. (in press). Big B, little b: Myth #1 is that Mendelian genes actually exist. In S. Krimsky (Ed.), *Genetic explanations: Sense and nonsense* (pp. xx - xx). Cambridge, MA: Harvard University Press.

Moore, D. S. & Johnson, S. P. (2011). Mental rotation of dynamic, three-dimensional stimuli by 3-month-old infants. *Infancy*, 16, 435 - 445.

Moore, D. S. & Moore, C. (2010). Neural re-use as a source of developmental homology. *Behavioral and Brain Sciences*, 33, 284 - 285.

Moore, D. S. (2009). Probing predispositions: The pragmatism of a process perspective. *Child Development Perspectives*, 3, 91 - 93.

Moore, D. S. & Johnson, S. P. (2008). Mental rotation in human infants: A sex difference. *Psychological Science*, 19, 1063 - 1066.

Moore, D. S. (Ed.). (2008). Integrating development and evolution in psychology: Looking back, moving forward [Special issue]. *New Ideas in Psychology*, 26(3).

Moore, D. S. (2008). Individuals and populations: How biology's theory and data have interfered with the integration of development and evolution. *New Ideas in Psychology*, 26, 370 - 386.

Moore, D. S. (2008). Espousing interactions and fielding reactions: Addressing laypeople's beliefs about genetic determinism. *Philosophical Psychology*, 21, 331 - 348.

Moore, D. S. (2006). A very little bit of knowledge: Re-evaluating the meaning of the heritability of IQ. *Human Development*, 49, 347 - 353.

Moore, D. S. & Cocas, L. A. (2006). Perception precedes computation: Can familiarity preferences explain apparent calculation by human babies? *Developmental Psychology*, 42, 666 - 678.

Spence, M. J. & Moore, D. S. (2003). Categorization of infant-directed speech: Development from 4 to 6 months. *Developmental Psychobiology*, 42, 97 - 109.

Moore, D. S. (2002). *The dependent gene: The fallacy of "nature vs. nurture."* New York: Times Books/Henry Holt & Co.

Spence, M. J. & Moore, D. S. (2002). Categorization of infant-directed speech. In J. W. Fagen & H. Hayne (Eds.), *Progress in infancy research* (Vol. 2, pp. 261 - 293). Mahwah, N.J.: Lawrence Erlbaum Associates.

PUBLICATIONS (CONTINUED)

Moore, D. S., Spence, M. J., & Katz, G. S. (1997). Six-month-olds' categorization of natural infant-directed utterances. *Developmental Psychology, 33*, 980 - 989.

Moore, D. S. (1995). Infants' visual preferences in the presence and absence of auditory stimulation. *Journal of Experimental Child Psychology, 59*, 164 - 177.

Moore, D., Benenson, J., Reznick, J. S., Peterson, M., & Kagan, J. (1987). Effect of auditory numerical information on infants' looking behavior: Contradictory evidence. *Developmental Psychology, 23*, 665 - 670.

Zelazo, P. R., Weiss, M. J., Randolph, M., Swain, I. U., & Moore, D. S. (1987). The effects of delay on neonatal retention of habituated headturning. *Infant Behavior and Development, 10*, 417 - 434.

PUBLISHED BOOK REVIEWS

Moore, D. S. (2011). Evelyn Fox Keller (2010), *The Mirage of a Space Between Nature and Nurture*. Duke University Press, Durham, N.C. ISBN: 978-0-8223-4731-6, 107 pages, price: \$18.95. *Science and Education*. doi: 10.1007/s11191-011-9374-z

Moore, D. S. (2003, Summer). Trying to fix the development in Evolutionary Developmental Psychology. *The American Journal of Psychology, 299* - 307.

EDITORIAL BOARD MEMBER

Child Development Perspectives

CONFERENCE PRESENTATIONS

Moore, D.S. (2011, April). Reintegrating Evo and Devo: A Consideration of the Problem. Paper presented at a symposium entitled "Reintegrating Evolution and Development in Developmental Research," at the meeting of the Society for Research in Child Development, Montreal, Canada.

Krogh, L. E., Moore, D. S., & Johnson, S. P. (2011, April). Visual-Manual Object Exploration and Mental Rotation in Infancy. Presented at the meeting of the Society for Research in Child Development, Montreal, Canada.

Moore, D. S. (2011, February). On Interactions between Genetic and Environmental Contributors to Behavioral Development. Invited address at the meeting of the California Association for Behavior Analysis, San Francisco, California.

Moore, D. S. (2010, April). Sex Differences in Infants: The Case of Mental Rotation. Paper presented at a symposium entitled "Sex Differences in Infants," at the Gender Development Research Conferences, San Francisco, California.

Moore, D. S. (2009, May). On Heritability and "Inheritability:" How Behavior Contributes to Genetic Expression. Paper presented at a symposium entitled "The Bigger Picture from Infancy to Evolution: Genes, Development, and Behavior Analysis," at the meeting of the International Association for Behavior Analysis, Phoenix, Arizona.

CONFERENCE PRESENTATIONS (CONTINUED)

Moore, D. S. & Johnson, S. P. (2009, April). Mental Rotation in Human Infants: A Sex Difference. Paper presented at a symposium entitled "Development of Mental Rotation in Infancy and Early Childhood," at the meeting of the Society for Research in Child Development, Denver, Colorado.

Moore, D. S. & Johnson, S. P. (2008, March). Mental Rotation in Human Infants: A Sex Difference. Presented at the meeting of the International Conference on Infant Studies, Vancouver, B.C., Canada.

Moore, D. S. (2007, May). The Developmental-Systems Perspective on the Analysis of Behavior. The invited B.F. Skinner Lecture at the 33rd annual meeting of the Association for Behavior Analysis: International, San Diego, California.

Moore, D. S. (2006, June). Addition and Subtraction in Infancy: Sex Differences and the Role of Test Stimulus Familiarity. Presented at the meeting of the International Conference on Infant Studies, Kyoto, Japan.

Romero, V. L. & Moore, D. S. (2006, June). Attention Control in Early Infancy: 2-, 3-, and 4-Month-Olds' Ability to Inhibit Visual Attention to an Attractive Stimulus. Presented at the meeting of the International Conference on Infant Studies, Kyoto, Japan.

Moore, D. S. (2004, May). Irreconcilable Differences? The Relationship of Development and Evolution. A roundtable discussion chaired at the 14th International Conference on Infant Studies, Chicago, Illinois.

Cocas, L. A. & Moore, D. S. (2003, November). Infant Language Exposure to Parental Speech at 6 and 12 Months of Age. *Developmental Psychobiology*, 43, 251. Abstract from the proceedings of the 36th Annual Meeting of the International Society for Developmental Psychobiology, New Orleans, Louisiana.

Moore, D. S. (2003, June). Inadvertent Instruction and Statistical Learning in The Emergence of Phoneme Categories: Comments on Heitner, 2003. Presented at the meeting of the Society for Philosophy and Psychology, Pasadena, CA.

Spence, M. J. & Moore, D. S. (2000, July). Evidence for Changes in Categorization of Infant-Directed Utterances Between 4 and 6 Months. *Infancy*, 1. Special issue of abstracts of papers presented at the twelfth International Conference on Infant Studies, Brighton, England.

Romero, V. L., Moore, D. S., Weiss, M. J. S., & Davis, M. R. (1998, July). Categorization of Tokens from a Continuous Stimulus Dimension by 4-Month-Old Human Infants. Abstract published in proceedings from the 31st Annual Meeting of the International Society for Developmental Psychobiology, Orleans, France.

Moore, D. S. (1997, April). Infant Mathematical Skills? A Conceptual Replication. Abstract published in the eleventh volume of abstracts from the meeting of the Society for Research in Child Development, Washington, D. C.

Moore, D. S., & Spence, M. J. (1996, April). Infants' Categorization Of Unfiltered Infant-Directed Utterances. *Infant Behavior and Development*, 19. Special issue of abstracts of papers presented at the tenth International Conference on Infant Studies, Providence, Rhode Island.

CONFERENCE PRESENTATIONS (CONTINUED)

Spence, M. J., Moore, D. S., & Longest, M. (1995, November). Categorization of Infant-Directed Utterances Develops Between 3 and 6 Months of Age. Abstract published in proceedings from the meeting of the International Society for Developmental Psychobiology, San Diego, CA.

Moore, D. S., Weiss, M. J. S., & Coleman, H. (1994, June). Four-Month-Olds Form Perceptual Number Categories. *Infant Behavior and Development*, 17. Special issue of abstracts of papers presented at the ninth International Conference on Infant Studies, Paris, France.

Spence, M. J., & Moore, D. S. (1994, June). Six-Month-Olds' Categorization of Infant-Directed Prosody. *Infant Behavior and Development*, 17. Special issue of abstracts of papers presented at the ninth International Conference on Infant Studies, Paris, France.

Moore, D. (1993, March). Simultaneous Auditory and Visual Depth Perception in 4- and 7-Month-Old Infants. Abstract published in the ninth volume of abstracts from the meeting of the Society for Research in Child Development, New Orleans, Louisiana.

Moore, D., & Weiss, M. J. S. (1992, May). Perceptual Category Formation in Four-Month-Olds. *Infant Behavior and Development*, 15, 586. Special issue of abstracts of papers presented at the eighth International Conference on Infant Studies, Miami, FL.

Moore, D. (1989, April). Infants' Looking is Influenced by Rate of Change of Auditory Stimuli. Abstract published in the seventh volume of abstracts from the meeting of the Society for Research in Child Development, Kansas City, Missouri.

Moore, D., & Gibbons, J. (1988, April). Early Auditory and Visual Integration in Four-Month-Old Infants. *Infant Behavior and Development*, 11, 222. Special issue of abstracts of papers presented at the sixth International Conference on Infant Studies, Washington, DC.

INVITED LECTURES

The UCLA Center for Society and Genetics, 2010, May 20. The Epigenetic Revolution: Changing Views of Biopsychological Inheritance, and What It All Means for Society.

Keck Graduate Institute, 2010, February 11. Epigenetics and The Fallacy of Genetic Determinism: Implementing a Developmental Point of View.

University of Cambridge, England, 2009, October 28. Developmental Systems Theory: The nature and nurture of genes and environments.

University of Cambridge, England, The Department of Social and Developmental Psychology Seminar Series, 2009, October 27. The development of sex differences in mental rotation in human infants.

University of California, Los Angeles, Department of Psychology, 2009, May 18. Developmental Systems Theory: The nature and nurture of genes and environments.

California State University, Northridge, The Annual Keith Morton Memorial Lecture for the Departments of Anthropology and Psychology, 2009, April 21. Developmental Systems Theory: Finding room for genes and environments in human evolution.

INVITED LECTURES (CONTINUED)

Kumamoto University, Japan, 2009, January 26. Studying perception and cognition in infants: The development of categorization of infant-directed speech.

California State University, Los Angeles, Department of Psychology and Department of Philosophy, 2007, May 10. Why having five fingers on each hand is not a heritable trait: The strange case of the heritability statistic.

Indiana University, *The NaNu Symposium*, 2007, March 23. The Dependent Gene: The Fallacy of Nature vs. Nurture.

Sarah Lawrence College, *Advocacy and Genetics: Arenas of Engagement* conference, 2006, March 31. A little knowledge is a double-edged sword: How gene-environment interactions complicate our jobs.

Hofstra University, Department of Psychology, 2005, November 18. The development of categorization of infant-directed speech.

University of Michigan, *The Complexity of Diversity* conference, 2005, November 10. Genes and environments.

Lehman College of CUNY, Keynote Address at the Annual Meeting of the Lehman Chapter of Sigma Xi (the National Scientific Research Society), 2005, May 11. The Gene Dream melts away.

Lehigh University, Department of Psychology, 2005, April 21. Nature nurtures (and nurture is natural): Genes, environments, and their dependent interactions.

Florida International University, Department of Psychology, 2004, March 29. The message in the motherese: How babies make sense of infant-directed speech.

University of Minnesota, *Getting Beyond Genes, Neurons, and Individual Minds* conference, 2003, April 18 – 20.

University of California, Riverside, Department of Psychology, 2003, November 10. On the dependent interaction of “nature” and “nurture.”

San Antonio Community Hospital, Healthy Beginnings, 2002, May 29. Moore about babies.

University of California, Santa Barbara, Department of Developmental and Evolutionary Psychology, 1997, March 3. How to study the perceptual and cognitive development of infants: Lessons from research on mathematical abilities, categorization, and speech perception.

Claremont Graduate School, Department of Psychology, 1994, September 23. Infants' mathematical abilities: Does this compute?

University of California, Riverside, Department of Psychology, 1994, April 18. Infants' categorization of the communicative intention behind adults' infant-directed speech.

OTHER CONTRIBUTIONS TO PUBLIC DISCOURSE

Web log posting to *The Huffington Post* (2011, March 27, in collaboration with S. B. Kaufman). 8 surprising facts about parenting, genes, and what *really* makes us who we are.

Web log posting to the *Psychology Today* web site (2008, October 24, in collaboration with S. B. Kaufman). Straight talk about twin studies, genes, and parenting: Clearing up misunderstandings, confusions, and exaggerations.

Interview with Angier, N. (2003, February 25). Not just genes: Moving beyond nature vs. nurture. *The New York Times*, pp. D1, D10.

Interview with Begley, S. (2002, June 21). So much for destiny: Even thoughts can turn genes 'on' and 'off.' *The Wall Street Journal*, pp. B1

Interview with Begley, S. (2002, June 14). The nature of nurture: How the environment can shape our genes. *The Wall Street Journal*, pp. B1

Interview on "These Days" on San Diego's KPBS Radio (an NPR affiliate), January 8, 2002.

COURSES TAUGHT

Introduction to Psychology

Child Development

Cognitive Development (with lab)

Developmental Cognitive Neuroscience (with connectionist labs)

Gene Dreams: The Social Consequences of Genetic Determinism

Seeking Human Nature: The History and Science of Innateness (co-taught with Historian Andre Wakefield)

Monkey Business: Continuing Controversies in Human Evolution (co-taught with Philosopher Brian Keeley)

Mating: Perspectives from Developmental, Genetic, and Evolutionary Psychology

Seminar in Child Development: Current Trends in Infancy Research

Seminar in Child Development: Individual Development and Evolution

Experimental Psychology/Research Methods (with lab)

Experimental Child Psychology (with lab; co-taught with Developmental Psychologist Mita Banerjee)

Neural and Behavioral Development (co-taught with Neuroscientist Alan Jones)

Perception of Music and Color