

**Curriculum Vitae**  
**DANIEL JOHN POVINELLI**

Address: Cognitive Evolution Group  
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**Education**

Ph.D. - Yale University, 1991; Dissertation advisor: Alison F. Richard  
B.A. - University of Massachusetts at Amherst, 1986, Summa cum laude  
Honors thesis advisors: Melinda A. Novak and Laurie R. Godfrey

**Research and Teaching Interests**

Cognitive Evolution and Development, Self-Representation and Action, Evolutionary Theory,  
Animal Behavior

**Fellowships, Honors, and Awards**

2007- Elected as Fellow of Association for Psychological Science  
2007- National Public Radio/PRI Interview (15 min), "Fair Game" with Faith Salie, Nationally  
syndicated for NPR affiliates, Broadcast February 12, 2007  
2006- Named "Kavli Foundation Fellow"  
2006- Invited Chair, Eighteenth Annual Kavli Foundation Frontiers of Science Symposium  
Series, National Academy of Sciences, Irvine, California, November 2-4, 2006  
2005- G. Stanely Hall Lecture, American Psychological Association, Washington, D.C., August  
19, 2005  
2005- Fellow Appointment, Institute for Leadership and Service, Augustana College  
2000 -Named one of "20 Scientists to Watch in the Next 20 Years," Discover Magazine, October  
2000  
1999 -Fellow Appointment, Center for Advanced Study in the Behavioral Sciences, Stanford,  
California  
1999 -James S. McDonnell Centennial Fellow  
1998 -Louisiana Board of Regents Endowed Professorship in Science  
1997 -Conference on Southern Graduate Schools, 1997 Achievement Award for New Scholars

1996 -Fellow Nominee, Center for Advanced Study in the Behavioral Sciences, Stanford, California  
 1994 -National Science Foundation Young Investigator Award (1994-1999)  
 1994 -American Psychological Association (APA) Distinguished Scientific Award for Early Career Contribution to Psychology  
 1991 -John F. Enders Fellowship, Yale University  
 1987 -National Science Foundation 3-year Predoctoral Fellowship  
 1986 -M.J. Stephenson Graduate Fellowship of Alpha Lambda Delta Honor Society  
 1986 -Quint Prize in Honors for Writing, University of Massachusetts at Amherst  
 1986 -Summa cum laude, Phi Beta Kappa: University of Massachusetts at Amherst  
 1985 -Top Speaker, National Debate Tournament

### **Grant Awards**

2006-2008 James S. McDonnell Foundation, James S. McDonnell Foundation. Grant Title: "The Evolution of Metacognition," Co-PI, Total grant award (direct) = \$449,984. Total amount allocated to DJP: (\$80,691)

2006 Louisiana Board of Regents Scientific Research Equipment, Grant Title: "New Chimpanzee Testing Lab Video Archiving Equipment," PI, (\$5776.80)

2004-present James S. McDonnell Foundation, "Request to the James S. McDonnell Foundation for Support in the Development of a National Chimpanzee Observatory," PI, with Herb Terrace, Columbia University, (\$43,500)

2004 John D. and Catherine T. MacArthur Foundation, Prosociality Research Network, "A Proposal to Explore the Origins of Prosocial Sentiments," Co-PI with Joan Silk (UCLA) and Joe Heinrich (Emory University) (\$127,000; renewable for 3 years).

2003-2007 James S. McDonnell Foundation, Collaborative Activity Award, "Interrogating the Human Genome to Uncover Human Specializations of the Brain and Cognition," Co-PI, (Total award: \$1.88 million; Amount to D.J.P. laboratory: \$363,833).

1999-2006 James S. McDonnell Foundation, Centennial Fellowship in Human Cognition, PI, (\$1,000,000)

1998 Louisiana Board of Regents Scientific Research Equipment Grant, "Video coding and analysis laboratory" (\$20,000)

1998 National Science Foundation, PI, Conference Grant: "Human cognitive specializations: Developmental and comparative perspectives" (\$10,475)

1997 Louisiana Board of Regents Scientific Research Equipment Grant, "Remote video

sensing and recording system for an infant and adult chimpanzee cognitive testing unit" (\$19,215)

- 1996 -National Science Foundation, PI, Research Experience for Undergraduates (\$4,000)
- 1994-2000 -National Science Foundation, PI, Young Investigator Award (\$62,500 per year; total award = \$312,500)
- 1994-1999 -USL Foundation, Matching funds for NSF Young Investigator Award (\$187,500)
- 1992 -Wenner-Gren Foundation for Anthropological Research Grant Award (\$4,000)
- 1989-1991 -National Science Foundation Doctoral Dissertation Improvement Grant (\$10,000)
- 1988 -Sigma Xi Grant-in-Aid of Research

### **Grant/Journal Reviewing**

Associate editor: British Journal of Developmental Psychology (1994-1998)

Editorial board member:

International Journal of Comparative Psychology (2000-2005)  
Journal of Experimental Psychology: Animal Behavior Processes (2003-2006)  
Journal of Comparative Psychology (2000-2002)  
Journal of Comparative Psychology (1992-1994)

Journal reviews:

Behavioral and Brain Sciences, Animal Behaviour, Perceptual and Motor Skills, Psychological Review, Psychological Bulletin, Infant Behavior and Development, American Journal of Primatology, Developmental Psychology, International Journal of Primatology, Child Development, Journal of Comparative Psychology, Behaviour, Psychological Science, Journal of Experimental Psychology: General, Cognitive Development, Animal Learning and Behavior, Trends in Cognitive Sciences, Developmental Science, Journal of Human Evolution, Infancy, Review of General Psychology, American Anthropologist, First Language, Nature, Evolution and Human Behavior, Journal of Experimental Psychology: Animal Behavior Processes, Consciousness and Cognition, Cerebral Cortex

Selected grant reviews: National Institute of Health, National Institutes of Health, March

12/13 2007 Peer Review Meeting ZRG1 F12B Special Emphasis  
Panel “Psychopathology, Developmental Disabilities, Stress and  
Aging”

National Institute of Mental Health, B-START Program  
National Science Foundation  
Wenner-Gren Foundation for Anthropological Research  
Science and Engineering Research Council, UK  
The Wellcome Trust, UK  
Biotechnology & Biological Sciences Research Council, UK  
The Leakey Foundation (1995-present)  
Panel Reviewer, Society for Research in Child Development,  
2000-2002  
The Royal Society, London, Wolfson Merit Research Awards  
Austrian Science Fund (FWF), Erwin Schrodinger Fellowship  
Awards (2000-2002)

### **Scientific Advisory Boards**

- 2006 – present: Scientific Advisory Board, Lafayette Middle Environment and Biology  
School of Choice
- 2004 – present: Scientific Advisory Board, European Review of Philosophy
- 2002 – present: Chimpanzee Research Center Advisory Council, Yerkes National  
Primate Center

### **Academic Appointments**

- 2007 - present Professor, Department of Biology, University of Louisiana
- 2002 – 2007: Professor, Institute of Cognitive Science, University of Louisiana
- 1998 - present: Louisiana Board of Regents Endowed Professor in Science;
- 1994 - present: Director, Center for Child Studies, University of Louisiana
- 1991- present: Director, Cognitive Evolution Group, University of Louisiana
- 1998 - 2002: Associate Professor, Institute of Cognitive Science, University of Louisiana
- 1999 - 2000: Co-Director, Institute of Cognitive Science, University of Louisiana
- 1992 - 1998: Assistant Professor, College of Sciences, University of Louisiana

- Spring 1995: Adjunct Assistant Professor, Department of Psychology, Tulane University
- Spring 1991: Teaching Fellow, Department of Anthropology & Teaching Fellow, Department of Biology, Yale University
- Fall 1990: Teaching Assistant, Methods of Psychological Inquiry, Department of Psychology, University of Massachusetts at Amherst
- Fall 1989: Teaching Assistant, Primate Behavior, Department of Anthropology, University of Massachusetts at Amherst
- Summer 1986: Lab Director, Dartmouth College Debate Institute, & Lab Director, Wake Forest University Debate Institute
- Summer 1985: Lab Director, Wake Forest University Debate Institute for High School students; Lab Director, American University Debate Institute for High School students, Washington, D.C.

### **Books and Monographs**

3. Povinelli, D.J. (accepted for publication). Behind appearances: Chimpanzee's understanding of weight. [Tentative title of a new book reporting the results of 20 new experiments exploring chimpanzee's and young children's understanding of weight.] Oxford University Press. [under contract]
2. Povinelli, D.J. (2000). Folk physics for apes: The chimpanzee's theory of how the world works. Oxford: Oxford University Press. [Reprinted, 2003 with revisions and a new Forward by Nicholas Humphrey]
1. Povinelli, D.J. & Eddy, T.J. (1996). What young chimpanzees know about seeing. Monographs of the Society for Research in Child Development (Vol. 61, No. 2, Serial No. 247).

### **Other Publications**

Subiaul, F., Rutherford, M.D., Lopez-Duran, S. & Povinelli, D. J. (in review). Do children with autism have an explanatory drive? Autism.

Oswald, T., Frey, S., Preuss, T.M., & Povinelli, D.J. (in review). Exquisite constraints on chimpanzees' use of causal information in a simple tool-using task.

103. Penn, D.C., Holyoak, K.J. & Povinelli, D.J. (in press). Universal grammar and mental

- continuity: Two modern myths. Behavioral and Brain Sciences.
102. Povinelli, D.J., Reaux, J.E. & Frey, S.H. (in press). Chimpanzees' tool use provides evidence for separable representations of hand and tool even during active use within peripersonal space. Neuropsychologia.
  101. Vonk, J. & Povinelli, D.J. (in press). Social and physical reasoning in human-reared chimpanzees: new data from a set of preliminary studies. In Eilan, N., Lerman, H. & Roessler, J. (Eds.), Perception, Causation, and Objectivity. Issues in Philosophy and Psychology. Oxford University Press.
  100. Vonk, J. & Povinelli, D.J. (in press). Similarity and difference in the conceptual systems of primates: The unobservability hypothesis. In E. Wasserman and T. Zentall (Eds.) Oxford Handbook of Comparative Cognition. Oxford, Oxford University Press. [reprinted #83]
  99. Vonk, J. & Povinelli, D.J. (in press). Animal Intelligence. In R. Corsini (Ed.) Corsini's Encyclopedia of Psychology, 4th edition. Wiley Publishers, Washington, D.C.
  98. Penn, D.C. & Povinelli, D.J. (in press). The comparative delusion: beyond behavioristic and mentalistic explanations for nonhuman social cognition In Richard Samuels & Stephen Stich, (Eds.). Oxford Handbook of Philosophy & Cognitive Science Oxford, Oxford University Press
  97. Penn, D.C. & Povinelli (2009). On becoming approximately rational: The relational reinterpretation hypothesis. In S. Watanabe, L. Huber, A. Blaisdel, & A. Young (Eds.), Rational animals, irrational humans. Tokyo: Keio University Press.
  96. Povinelli, D., Penn, D., & Holyoak, K. (2009) An open letter to comparative psychologists. Psychological Science Agenda, May 2009. [published on-line]
  95. Penn, D.C., Cheng, P., Holyoak, K.J., Hummel, J.E., Povinelli, D.J. (2009). There is more to thinking than propositions. Behavioral and Brain Sciences, *32*, 221-223.
  94. Vonk, J., Brosnan, S., Silk, J., Henrich, J., Richardson, A., Lambeth, S., Schapiro, S., Povinelli, D. (2008) Chimpanzees do not take advantage of very low cost opportunities to deliver food to unrelated group members. Animal Behavior, *75*, 1757-1770.
  93. Penn, D.C., Holyoak, K.J. & Povinelli, D.J. (2008). Darwin's triumph: explaining the uniqueness of the human mind without a *dues ex machina*. Behavioral and Brain Sciences, *31*, 153-178. [Reply to commentaries.]
  92. Penn, D.C., Holyoak, K.J., & Povinelli, D.J. (2008). Darwin's mistake: explaining the discontinuity between human and nonhuman minds. Behavioral and Brain Sciences. *31*, 109-130. [Target article.]

91. Penn, D.C. & Povinelli, D.J. (2007). On the lack of evidence that chimpanzees possess anything remotely resembling a 'theory of mind.' In N. Emery, N. Clayton & C. Frith (Eds.) Social intelligence: From brain to culture. Pp. 393-414. Oxford, Oxford University Press. [Reprinted #88]
90. Moore, C. & Povinelli, D.J. (2007). Differences in how 12- and 24-month-olds interpret the gaze of adults. Infancy, 11, 215-231.
89. Moore, C., Mealiea, J., Garon, N., & Povinelli, D. J. (2007). The development of the bodily self. Infancy, 11, 157-174.
88. Penn, D.C. & Povinelli, D.J. (2007). On the lack of evidence that chimpanzees possess anything remotely resembling a 'theory of mind.' Philosophical Transactions of the Royal Society, B, 362, 731-744.
87. Subiaul, F., Okamoto-Barth, S., Barth, J., & Povinelli, D.J. (2007). Human cognitive specializations. In Todd M. Preuss & Jon H. Kaas (Eds.) Evolution of Nervous Systems: Volume V, The Evolution of Primate Nervous Systems. Pp. 509-528. Elsevier: New York.
86. Penn, D. & Povinelli, D.J. (2007). Causal cognition in human and nonhuman animals: A comparative, critical review. Annual Review of Psychology, 58, 97-118.
85. Silk, J., Brosnan, S.F., Vonk, J., Henrich, J., Povinelli, D.J., Shapiro, S., Richardson, A., Lambeth, S.P., & Mascaró, J. (2006). Animal Behaviour: Chimpanzee choice and prosociality (reply). Nature, 440, E6.
84. Povinelli, D.J. & Vonk, J. (2006). We don't need a microscope to explore the chimpanzee's mind. In S. Hurley (Ed.), Rational Animals. pp. 385-412. Oxford: Oxford University Press [Reprinted].
83. Vonk, J. & Povinelli, D.J. (2006). Similarity and difference in the conceptual systems of primates: The unobservability hypothesis. In E. Wasserman and T. Zentall (Eds.) Comparative Cognition: Experimental Explorations of Animal Intelligence. pp. 363-387. Oxford University Press.
82. LeBlanc, C. & Povinelli, D. (2005). National Chimpanzee Observatory DVD. DesignVision. Lafayette, Louisiana.
81. Silk, J.B., Brosnan, S.F., Vonk, J., Henrich, J., Povinelli, D.J., Richardson, A.F., Lambeth, S.P., Mascaró, J., Schapiro, S.J. (2005). Chimpanzees are indifferent to the welfare of other group members. Nature, 435, 1357-1359.
80. Povinelli, D.J., & Barth, J. (2005) Reinterpreting behavior: A human specialization? Commentary on Tomasello et al. Understanding and sharing intention: the origins of cultural cognition. Behavioral and Brain Sciences, 28, 712-713.

79. Povinelli, D.J. & Prince, C.G. (2005). Parental-offspring conflict and the development of social understanding. In P. Carruthers (Ed.) Innateness and the Structure of the Mind. pp. 239-253. Oxford: Oxford University Press.
78. Barth, J., Reaux, J. E., & Povinelli, D. J. (2005). Chimpanzees' (Pan troglodytes) use of gaze cues in object-choice tasks: Different methods yield different results. Animal Cognition, 8, 84-92.
77. Barth, J., Povinelli, D.J., & Cant, J.G.H. (2004). Bodily origins of SELF. In D. Beike, J. Lampinen, & D. Behrend, Eds., Self and memory, pp. 3-43, New York: Psychology Press.
76. Povinelli, D.J. (2004). Behind the ape's appearance: Escaping anthropomorphism in the study of other minds. Daedalus: Journal of the American Academy of Arts and Sciences , Winter, 29-41.
75. Povinelli, D.J. & Vonk, J. (2004). We don't need a microscope to explore the chimpanzee's mind. Mind and Language, 19, 1-28.
74. Bering, J.M. & Povinelli, D.J. (2003). Comparing cognitive development. In D. Maestriperi, Ed. Primate psychology: Bridging the gap between the mind and behavior of human and nonhuman primates. pp. 205-233. Cambridge, MA: Harvard University Press.
73. Povinelli, D.J., Theall, L.A., Reaux, J.E., & Dunphy-Lelii, S. (2003). Chimpanzees spontaneously modify the direction of their gestural signals to match the attentional orientation of others. Animal Behaviour, 65, 71-79.
72. Povinelli, D.J. & Vonk, J. (2003). Chimpanzee minds: Suspiciously human? Trends in Cognitive Science, 7, 157-160.
71. Povinelli, D.J., Bering, J., & Giambrone (2003). Chimpanzee 'pointing': Another error of the argument by analogy? In S. Kita (Ed.), pp. 35-68, Pointing: Where language culture and cognition meet. Lawrence Erlbaum.
70. Karin-D'Arcy, R. & Povinelli, D.J. (2002). Do chimpanzees know what each other see? A closer look. International Journal of Comparative Psychology, 15, 21-54.
69. Giambrone, S. & Povinelli, D.J. (2002). Consciousness. In M. Pagel, Ed., Encyclopedia of Evolution, pp. 192-196. Oxford: Oxford University Press.
68. de Veer, M. W., Gallup, G.G., Jr., Theall, L.A., van den Bos, R., & Povinelli, D.J. (2002). A longitudinal study of mirror self-recognition in chimpanzees (Pan troglodytes). Neuropsychologia [Invited article for special issue on self and social cognition]
67. Povinelli, D.J. & Bering, J.M. (2002). The mentality of apes revisited. Current Directions

- in Psychological Science, 11, 115-119.
66. Povinelli, D.J., Dunphy-Lelii, S, Reaux, J.E., & Mazza, M.P. (2002). Psychological diversity in chimpanzees and humans: New longitudinal assessments of chimpanzees' understanding of attention. Brain, Behavior, and Evolution, 59, 33-53. [Invited article for special symposium issue]
  65. Povinelli, D.J. & Povinelli, T.J. (2001). Review of The chimpanzees of the Tai forest: Behavioral Ecology and Evolution, by C. Boesch & H. Boesch-Achermann, Ethology, 107, 463-464.
  64. Povinelli, D.J. & Giambrone, S. (2001). Reasoning about beliefs: A human specialization? Child Development, 72, 691-695.
  63. Povinelli, D.J. & Dunphy-Lelii, S. (2001). Do chimpanzees seek explanations? Preliminary comparative investigations. Canadian Journal of Experimental Psychology, 55, 93-101. [Invited article for special issue on cognitive neuroscience]
  62. Povinelli, D.J. (2001). On the possibilities of detecting intentions prior to understanding them. In B. Malle, D. Baldwin, & L. Moses (eds.), Intentions and Intentionality: Foundations of Social Cognition. Pp. 225-248. Cambridge, MA: MIT Press.
  61. Povinelli, D.J. (2001). The Self: Elevated in consciousness and extended in time. In C. Moore & K. Lemmon (Eds.), The self in time: Developmental perspectives. pp. 73-94. Cambridge, Cambridge University Press.
  60. Povinelli, D.J. (2001). The minds of humans and apes are different outcomes of an evolutionary experiment. In S. Fitzpatrick & J. Bruer (Eds.), Carving our Destiny: Scientific Research Faces a new millennium. Pp. 1-40. National Academy of Sciences and John Henry Press.
  59. Povinelli, D.J., Bering, J., & Giambrone, S. (2000). Toward a science of other minds: Escaping the argument by analogy. Cognitive Science, 24, 509-541.
  58. Povinelli, D.J. & O'Neill, D.K. (2000). Do chimpanzees use their gestures to instruct each other? In S. Baron-Cohen, H. Tager-Flusberg, and D.J. Cohen (Eds.). Understanding other minds: Perspectives from autism - 2nd Edition. Pp. 459-487. Oxford: Oxford University Press.
  57. Povinelli, D.J. & Giambrone, S. (1999). Inferring other minds: Failure of the argument by analogy. Philosophical Topics, 27, 167-201.
  56. Povinelli, D.J., Landry, A.M., Theall, L.A., Clark, B.R., & Castille, C.M. (1999). Development of young children's understanding that the recent past is causally bound to the present. Developmental Psychology, 35, 1426-1439.

55. Theall, L.A., & Povinelli, D.J. (1999). Do chimpanzees tailor their attention-getting behaviors to fit the attentional states of others? Animal Cognition, *2*, 207-214.
54. Povinelli, D.J., Bierschwale, D.T., & Cech, C.G. (1999). Comprehension of seeing as a referential act in young children, but not juvenile chimpanzees. British Journal of Developmental Psychology, *17*, 37-60.
53. Reaux, J.E., Theall, L.A., & Povinelli, D.J. (1999). A longitudinal investigation of chimpanzees' understanding of visual perception. Child Development, *70*, 275-290.
52. Sterling, E.J. & Povinelli, D.J. (1999). Tool use, aye-ayes, and sensorimotor intelligence. Folia primatologica, *70*, 8-16.
51. Povinelli, D.J. (1999). Social understanding in chimpanzees: New Evidence from a longitudinal approach. In P. Zelazo, J. Astington, & D. Olson (Eds.), Developing theories of intention: Social understanding and self-control, pp. 195-225. Hillsdale, N.J.: Erlbaum.
50. Povinelli, D.J. (Winter, 1998). Can animals empathize? Scientific American Presents: Exploring Intelligence, *9(4)*: 67, 72-75.
49. Povinelli, D.J., Povinelli, T.J., & Giambrone, S. (1998). Review of Reaching into thought: The minds of the great apes, Ed. by A.E. Russon, K.A. Bard, & S.T. Parker. Trends in Cognitive Science, *2*, 158-159.
48. Povinelli, D.J., Perilloux, H.K., Reaux, J.E., & Bierschwale, D.T. (1998). Young and juvenile chimpanzees' (Pan troglodytes) reactions to intentional versus accidental and inadvertent actions. Behavioral Processes, *42*, 205-218.
47. Povinelli, D.J. & Simon, B.B. (1998). Young children's reactions to briefly versus extremely delayed images of the self: Emergence of the autobiographical stance. Developmental Psychology, *43*, 188-194
46. Povinelli, D.J. & Prince, C.G. (1998). When self met other. In M. Ferrari & R.J. Sternberg (Eds.), Self-awareness: Its nature and development, pp. 37-107. New York: Guilford.
45. Povinelli, D.J., Reaux, J.E., Bierschwale, D.T., Allain, A.D., & Simon, B.B. (1997). Exploitation of pointing as a referential gesture in young children, but not adolescent chimpanzees. Cognitive Development, *12*, 423-461.
44. Povinelli, D.J. & Eddy, T.J. (1997). Specificity of gaze-following in young chimpanzees. British Journal of Developmental Psychology, *15*, 213-222.
43. Povinelli, D.J., Gallup, G.G., Jr., Eddy, T.J., Bierschwale, D.T., Engstrom, M.C., Perilloux, H.K., & Toxopeus, I.B. (1997). Chimpanzees recognize themselves in mirrors. Animal Behaviour, *53*, 1083-1088.

42. Povinelli, D.J. & Povinelli, M.J. (1996). Where ideas fail best. In L. Pyenson (Ed.), Teaching and Research in the University, pp. 39-49. Lafayette, LA: Center for Louisiana Studies, University of Southwestern Louisiana.
41. Povinelli, D.J. & Eddy, T.J. (1996). Factors influencing young chimpanzees' (Pan troglodytes) recognition of attention. Journal of Comparative Psychology, 110, 336-345.
40. Povinelli, D.J. & Povinelli, T.J. (1996). Review of The thinking ape: Evolutionary origins of intelligence, by Richard Byrne. International Journal of Primatology, 17, in press.
39. Eddy, T.J., Gallup, G.G., Jr. & Povinelli, D.J. (1996). Age differences in the ability of chimpanzees to distinguish mirror-images of self from video-images of others. Journal of Comparative Psychology, 110, 38-44.
38. Povinelli, D.J. & Povinelli, T.J. (1996). Review of Mindblindness. An essay on autism and theory of mind, by Simon Baron-Cohen. Trends in Neuroscience, 19, 299-300.
37. Povinelli, D.J. (1996). Panmorphism. In R.W. Mitchell, N.S. Thompson, & H.L. Miles (Eds.), Anthropomorphism, anecdotes and animals, pp. 92-103. Albany, NY: State University of New York Press
36. Povinelli, D.J. & Eddy, T.J. (1996). Chimpanzees: Joint visual attention. Psychological Science, 7, 129-135.
35. Povinelli, D.J., Landau, K.R., & Perilloux, H.K. (1996). Self-recognition in young children using delayed versus live feedback: Evidence of a developmental asynchrony. Child Development, 67, 1540-1554.
34. Povinelli, D.J., Zebouni, M.C., & Prince, C.G. (1996). Ontogeny, evolution and folk psychology. Behavioral and Brain Sciences, 19, 137-138.
33. Povinelli, D.J. (1996). Chimpanzee theory of mind? The long road to strong inference. In P. Carruthers & P. Smith (Eds). Theories of theories of mind, pp. 293-329. Cambridge: Cambridge University Press.
32. Povinelli, D.J. (1996). Growing up ape. Monographs of the Society for Research in Child Development (Vol. 61, No. 2, Serial No. 247), pp. 174-189.
31. Gallup, G.G., Jr., Povinelli, D.J., Suarez, S.D., Anderson, J.R., Lethmate, J., & Menzel, E.W. (1995). Further reflections on self-recognition in primates. Animal Behaviour, 50, 1525-1532.
30. Povinelli, D.J., & Cant, J.G.H. (1995). Arboreal clambering and the evolution of self-conception. Quarterly Review of Biology, 70, 393-421.

29. Povinelli, D.J. (1995). The unduplicated self. In P. Rochat (Ed.), The self in early infancy, pp.161-192. Amsterdam: North-Holland-Elsevier.
28. Povinelli, D.J. & Preuss, T.M. (1995). Theory of mind: Evolutionary history of a cognitive specialization. Trends in Neuroscience, 18, 418-424.
27. Povinelli, D.J. (1995). Chimpanzees, children, and the mind of the eyes. Psychological Science Agenda, 8(6), 9-11.
26. Povinelli, D.J. (1995). Review of Hominid culture in primate perspective (Edited by D. Quiatt & J. Itani). American Journal of Physical Anthropology, 322-325
25. Povinelli, D.J. & Povinelli, T.J. (1995). Review of What is intelligence? (Edited by Jean Kahlfa). Animal Behaviour, 50, 567-568.
24. Povinelli, D.J. (1994). What chimpanzees (might) know about the mind. In Goodall, J., deWaal, F.B.M., & Wrangham, R., Eds., pp. 285-300. Chimpanzee Cultures, Harvard University Press, Cambridge.
23. Povinelli, D.J. & Eddy, T.J. (1994). The eyes as a window: What young chimpanzees see on the other side. Current Psychology of Cognition, 13, 695-705.
22. Povinelli, D.J. (1994). Comparative studies of mental state attribution: a reply to Heyes. Animal Behaviour, 48, 239-241.
21. Povinelli, D.J. (1994). A theory of mind is in the head, not the heart. Behavioral and Brain Sciences, 17, 573-574.
20. Povinelli, D.J. & Davis, D.R. (1994). Differences between chimpanzees (Pan troglodytes) and humans (Homo sapiens) in the resting state of the index finger: Implications for pointing. Journal of Comparative Psychology, 108, 134-139.
19. Povinelli, D.J. (1994). How to create self-recognizing gorillas (but don't try it on macaques). In S. Parker, R. Mitchell & M. Boccia, Eds., Self-awareness in animals and humans, pp. 291-294. Cambridge University Press, Cambridge.
18. Povinelli, D.J., Rulf, A.B., & Bierschwale, D. (1994). Absence of knowledge attribution and self-recognition in young chimpanzees (Pan troglodytes). Journal of Comparative Psychology, 108, 74-80.
17. Povinelli, D.J. (1993). Reconstructing the evolution of mind. American Psychologist, 48, 493-509.
16. Povinelli, D.J. & Godfrey, L.R. (1993). The chimpanzee's mind: How noble in reason? How absent of ethics? In (M. Nitecki & D. Nitecki, Eds.), pp. 277-324. Evolutionary

Ethics. Albany, SUNY Press.

15. Povinelli, D.J., Rulf, A.R., Landau, K. & Bierschwale, D.T. (1993). Self-recognition in chimpanzees (Pan troglodytes): Distribution, ontogeny, and patterns of emergence. Journal of Comparative Psychology, 107, 347-372.
14. Eddy, T.J., Gallup, G.G., Jr., & Povinelli, D.J. (1993). Attribution of cognitive states to animals: Anthropomorphism in comparative perspective. Journal of Social Issues, 49, 87-101.
13. Gallup, G.G., Jr. & Povinelli, D.J. (1993). Mirror, mirror, on the wall, which is the most heuristic theory of them all? A response to Mitchell. New Ideas in Psychology, 11, 327-335.
12. Hess, J., Novak, M.A., & Povinelli, D.J. (1993). "Natural pointing" in a rhesus monkey, but no evidence of empathy. Animal Behaviour, 46, 1023-1025.
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- awareness in primates. Human Evolution, 2, 493-509.
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### **Selected Invited Colloquia/Presentations (1991-2006)**

- National Academy of Sciences, Arthur M Sackler Colloquia: The New Comparative Biology of Human Nature, Keynote Speaker, Irvine, California, November 16-18, 2006
- National Academy of Sciences, 18<sup>th</sup> Annual Kavli Frontiers of Science Symposium, Invited Speaker & Chair of Evolutionary Origins of Human Cognition and Behavior Session, Irvine, California, November 2-4, 2006
- Royal Society, Meeting on Social Intelligence: from Brain to Culture, Invited Speaker, London, England, May 23, 2006
- Royal Society/Novartis Foundation, Social Complexity in Lab and Field: Reconciling the Differences Workshop, Invited Speaker, London, England, May 24, 2006
- University of Vienna, Biology of Cognition Department, Invited Speaker, Vienna, Austria, December 12, 2005
- Center for National Scientific Research (CRNS) and High Studies in Social Sciences (EHES), Institut Jean Nicod, Workshop on Mirroring Processes, Invited Speaker, Maffliers, France, December 10, 2005
- European Science Foundation, Institut Jean Nicod, Exploratory Workshop: The contribution of animal research to the study of human cognition, Invited Speaker, Marseille, France, December 8, 2005
- University of Cambridge, Department of Experimental Psychology, Invited Speaker, Cambridge, England, December 5, 2005
- California Institute of Technology, Division of Humanities and Social Sciences, Workshop: The Origins and Functions of Causal Thinking II- Causation, Agency and Intervention, Invited Speaker, Pasadena, California, November 12, 2005
- American Psychological Association, Annual Convention, G. Stanely Hall Lecture, Washington, D.C., August 19, 2005
- Jean Piaget Society, 2005 Meeting, Invited Speaker, Vancouver, British Columbia, Canada, June 4, 2005
- Society for Philosophy and Psychology, 31<sup>st</sup> Annual Meeting, Invited Speaker, "The Chimpanzee's Conception of Weight: A Test Case of the Reinterpretation Hypothesis," New York, New York, June 11, 2005
- Augustana College, Psychology Department, Invited Lecturer, May 10, 2005
- Washington University in St. Louis, Neuroscience Workshop, Invited Speaker, St. Louis, Missouri, April 28, 2005

Emory University, Department of Neuroscience, Invited Lecturer, Atlanta, Georgia, April 25, 2005

James S. McDonnell Foundation, Teaching Workshop, Invited Seminar Speaker and Co-Organizer, St. Louis, Missouri, April 22-24, 2005

University of Warwick, Department of Philosophy, "Causal Understanding and Intuitive Physics," Invited Conference Speaker, Coventry, England, April 1-3, 2005

University of California at Davis, Center for Mind and Brain, "Bodily origins of SELF: An evolutionary hypothesis," Invited Seminar Speaker, Davis, California, March 9, 2005

University of Delaware, Department of Cognitive Science, "Evolution of Cognition," Invited Conference Speaker, Newark, Delaware, February 18-19, 2005

James S. McDonnell Foundation, Teaching Workshop, Invited Seminar Speaker and Co-Organizer, St. Louis, Missouri, December 3-5, 2004

Washington University in St. Louis, Brain, Behavior and Cognition Seminar, Invited Seminar Speaker, November 30, 2004

University of Maastricht, Department of Psychology and Neurocognition, "Joint Attention: The Prerequisite of Culture," Invited Workshop Speaker, Maastricht, Holland, November 12-13, 2004

CNRS Object Workshop, Invited Instructor, Oleron, France, June 6-13, 2004

California Institute of Technology, Pasadena, CA, Cognitive Neuroscience Program, Invited Colloquium, May 10, 2004

Southern Illinois University, Department of Psychology, Invited Colloquium, April 30, 2004

Washington University in St. Louis, Department of Anthropology and Philosophy, "The Brain and its Self," Invited Conference Speaker, April 1-3, 2004

Case Western University, Invited University Lecture Sponsored by the Department of Philosophy, March 23, 2004

Children's Hospital, Washington University in St. Louis, Invited Speaker, Pediatrics Grand Rounds, March 5, 2004

Washington University in St. Louis, Psychology, Neuroscience & Philosophy Program, Invited WIPS Seminar, March 5, 2004

Washington University in St. Louis, Psychology, Neuroscience & Philosophy Program, Invited Speaker, "Future of the Mind" Conference, February 26-28, 2004

Washington University in St. Louis, Department of Psychology, Brain, Behavior and Cognition Colloquium, February 11, 2004

American Psychological Association Workshop on "Detecting Deception," Invited Participant, Held at the Rand Corporation, Arlington, VA, July 15-18, 2003

University of Michigan, Invited Talk for Culture and Cognition Lecture Series, Ann Arbor, MI, April 4, 2003

Yale University, Department of Psychology, Invited Colloquium, November 18, 2002

The Genetics Society, Invited Address for "Darwin's 'Descent of Man': A molecular perspective" symposium, Royal Society, London, November 8, 2002

Oxford University, Invited Lecture, "Rational Animals" symposium, October 2-5, 2002

Brandeis University, Department of Psychology, Invited Colloquium, September 12, 2002

Yerkes National Primate Center, Chimpanzees Conference One, Catalyst Talk, Emory University, Atlanta, GA, June 18-20, 2002

Society for the Scientific Study of Consciousness, Invited Address, Barcelona, Spain, May 31-June 3, 2002

University of Chicago, Conference on Evolution, Cognition, and Development, Invited Speaker, "The chimpanzee's perspective on things unseen", Chicago, IL, May 18-19, 2002

Ecole Normale Supérieure, APIC Workshop, "Steps in the Evolution of Mind-reading", Invited Lecture, Paris, France, May 3, 2002

Washington University in St. Louis, Invited Colloquium, Department of Anatomy and Neurology, St. Louis, MO, March 29, 2002

AAAS Meetings, Boston, MA, Invited Symposium Participant: "Biology of Consciousness," February, 16, 2002

Emory University, Atlanta, GA, Department of Psychology, Invited Colloquium, "Social cognition in apes", February 8, 2002

University of Sheffield, Sheffield, England, Invited Lecture for "Innateness and Structure of the Mind" on-going workshop, November 10, 2001

Cognitive Development Society, Virginia Beach, VA, Invited Symposium Participant: "Causal Understanding in Children and Animals", October 27, 2001

American Psychological Association, Invited Address: "Chimpanzees, Children, and the Evolution of the Human Capacity for Explanation," San Francisco, CA, August, 2001

Hanse Institute for Advanced Study, Delmenhorst, Germany, Invited Guest Lecturer for Summer school on Sensorimotor Integration, August 20, 2001

Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, Invited Colloquium, August 15, 2001

Fondation Hugot du College de France, Table-Ronde Internationale, "Culture and meanings among apes, ancient humans and modern humans," Invited Lecture, Paris, France, June 21-23, 2001

American Psychological Society, Invited Symposium Participant, "Subjective Time," Toronto, Canada, June 15, 2001,

Oregon State University, Corvallis, Oregon, Invited Address for the Minds, Animals, and Machines Lecture Series, April 12, 2001

Texas Lutheran University, Krost Symposium on The Evolution of Intelligence, Invited Address, March 22-23, 2001

McMaster University, Hamilton, Ontario, Department of Psychology, Invited Colloquium, March 8, 2001

University of Toronto, Department of Psychology, Invited Colloquium, March 7, 2001

University of Toronto, Ontario Institute for Education, Invited Colloquium, March 6, 2001

AAAS Meetings, San Francisco, CA, Invited Symposium Participant, February, 18, 2001

University of Arizona, Tucson, AZ, Invited Colloquium, Department of Psychology, February 16, 2001

La Jolla Group on the Origins of Humans, Salk Institute, La Jolla, CA, Mini-symposium with Dr. Todd Preuss, November 17-19, 2000

University of Arkansas, Fayetteville, AK, Invited Address, Symposium on Memory and the Self, November 10-11, 2000

University of California at Davis, Invited Lecture for Seminar Series in Animal Behavior, May 26, 2000

Rutgers University, Department of Psychology, Invited Colloquium, May 3, 2000

American Philosophical Association, Eastern Division, Invited Talk for an special colloquium on Cognitive Ethology, Boston, MA, December 28-30, 1999

Dartmouth College, Invited Lecture for the Mind Symposiums, December 10, 1999

Zoological Society of London, Invited Lecture for Evolution of Mind conference, December 2-3, 1999

Peabody Museum of Natural History, Yale University, Invited Lecture, October 28, 1999

University of Pennsylvania, Institute for Research in Cognitive Science, Invited Colloquium, October 22, 1999

American Communication Association, Invited Keynote Address, October 2, 1999, Lafayette, Louisiana

International Ethological Conference, 26th Congress, Invited Plenary Address, Bangalore, India, August 2-9, 1999

Society for Philosophy and Psychology, 25th Anniversary Meeting, Invited Talk, Stanford University, June 19-22, 1999

McDonnell-Pew Cognitive Neuroscience Meeting, Invited Talk, San Diego, CA, June 17-19, 1999

Tulane University Medical School, Program in Neuroscience, Invited Colloquium, April 22, 1999

Washington University in St Louis, Department of Psychology, Invited Colloquia, March 11-12, 1999

Haverford College, Phillips Fund Distinguished Lecture Series, November 11-13, 1998

University of Oregon, Intentionality Conference, Invited Discussant, October 2-3, 1998

National Institutes of Health Autism Coordinating Committee Workshop: "Building Animal Models for Autism through Translational Neuroscience Research," Invited Participant, Santa Monica, CA, October 5-6, 1998

German Psychological Society, Invited Plenary Address, 44th Congress, Dresden, Germany, September 27-October 1, 1998

Dalhousie University, Department of Psychology, Invited Symposium, May 29, 1998

Southwestern Comparative Psychology Meeting, Invited Distinguished Speaker, April 10, 1998, New Orleans, Louisiana

University of Chicago, Department of Psychology, Invited Lecture and Symposium, March 5-7, 1998

University of California, Los Angeles, Center for the Study of the Evolution and the Origins of Life, Invited Symposium, February 26, 1998

Pittsburgh-Konstanz Colloquium in the Philosophy of Science, "The Limits of Science," Invited address, Pittsburgh, PA, October 3-6, 1997

Louisiana State University, Department of Anthropology and Geography, Invited Symposium, Baton Rouge, Louisiana, September 19, 1997

University of Bremen, Bremen, Germany, Conference title: "Animal Mind," Invited lecture, September 18-21, 1997

National Institutes of Health, Laboratory of Comparative Ethology, Poolesville, MD (invited colloquium), August 7, 1997

Max Plank Institute for Cognitive Anthropology and Psycholinguistics, Oud-Turnhout, Netherlands, (invited talk), Workshop Title: "Pointing Gestures," June 13-15, 1997

New England Regional Primate Center, Harvard University, Southborough, MA (invited colloquium), May 27, 1997

Southeastern Louisiana University, Department of Psychology (invited colloquium), Hammond, LA, April 28, 1997

University of Toronto, Cognitive Science Program, University College, (invited principal

speaker), Conference title: "Developing Intentions in a Social World," April 10-13, 1997

Emory University, Department of Psychology, Invited Colloquium, February 6, 1997

University of Geneva, Switzerland, Centennial Celebration of Jean Piaget (invited talk) September, 1996

Max Planck Institute for Human Development and Education, Berlin, Germany, (invited talk), Planning symposium for a new Max Planck Institute in Anthropology, July 12-13, 1996

Delphi, Greece, Center for Philosophy of Science, University of Pittsburgh/National Technical University of Athens, Athens-Pittsburgh Symposium in the History and Philosophy of Science and Technology, "The Problem of Anthropomorphism in Science and Philosophy," (invited principal speaker) May 28-30, 1996

International Society for Infant Studies, (invited symposium talk), Providence, RI, April, 17-21, 1996

University of Indiana, Bloomington, Center for the Integrative Study of Animal Behavior, Department of Biology (invited colloquium) February, 1996

University of Florida, Gainesville, Department of Psychology (invited colloquium and talk for NIH Developmental Training Grant) February, 1996

University of Toronto, Department of Psychology/Institute for Child Studies, (invited colloquium) January, 1996

University of Waterloo, Waterloo, Canada, Department of Psychology (invited colloquium) January 1996

Yale University, Departments of Anthropology and Psychology, (invited colloquium) November, 1995

George Mason University, Department of Communication Studies and University College (invited campus address) October, 1995, November 5, 1996, November 4, 1997, November 16, 1999

Northeast Louisiana University, Department of Psychology, October 26, 1995

American Psychological Association (APA Distinguished Early Career Contribution Awards Address) Summer 1995

University of Oregon, Center for Cognitive Science, Conference title: "Current Directions in Theories of Mind Research" (invited symposium address), Spring, 1995

Jean Piaget Society, (invited talk), Berkeley, CA, Summer, 1995

Vanderbilt University, Department of Psychology (invited colloquium), November, 1994

Tulane University, Departments of Philosophy & Psychology, (invited colloquia), Fall 1994

Cambridge University, International Society for Research on Emotion (invited talk), Summer, 1994

University of Sheffield, Hang Seng Centre for Cognitive Studies, Conference Title: "Theories of Theories of Mind," (invited address) Summer 1994

Stanford University, Department of Psychology (invited colloquium) Spring 1993

Society for Research in Child Development, New Orleans, Louisiana (invited talk), August, 1993

International Primatological Society, XIVth Congress, Strasbourg, France, Summer, 1992

Harvard University, Department of Anthropology (invited colloquium) Spring 1992

Yale University, Department of Anthropology (invited colloquium), Fall 1992

Chicago Academy of Sciences, Conference title: "Understanding Chimpanzees: Diversity and Survival" (invited talk) December, 1991  
Sonoma State University, Conference title: "Self-Recognition and Self-awareness in Monkeys, Apes, and Humans," (invited talk) Summer, 1991

### **Research Experience**

- 2006: Johnson Space Center, Houston, Texas. Research Team Member for Dr. Karl Hasenstein's project investigating the effects of zero gravity conditions on root growth.
- 2003: Yasuni National Park, Ecuador. Project leader for study of complex motor abilities in spider monkeys, woolly monkeys, and howler monkeys related to problem-solving during arboreal locomotion.
- 1991 - present: UL Lafayette. Director of the Laboratories for Comparative Behavioral Biology for research on captive chimpanzees, other non-human primates, and young children.
- 1991 - 1992: Northern Sumatra, Indonesia. Field assistant for long-term project investigating postural behavior and feeding techniques of orangutans, gibbons, siamangs, and long-tailed macaques.
- 1989 - 1990: University of Massachusetts at Amherst. Visiting researcher at the University of Massachusetts Primate Laboratory. Research on social cognition in rhesus monkeys; University of Massachusetts Child Study Center, Springfield, MA. Research on social cognition in 3- and 4-year-old children.
- 1989: Northern Sumatra, Indonesia. Field assistant for study of postural behavior and feeding techniques of orangutans, gibbons, siamangs, and long-tailed macaques.
- 1988 - 1989: Ohio State University, Columbus, OH. Visiting researcher, Primate Cognition project. Research on social cognition in chimpanzees.
- 1988: National Zoological Park, Washington, D.C. Investigation of the self-recognition capacity of Asian elephants.
- 1987: Southwest Foundation for Bio-medical Research, San Antonio, TX. Six-week preliminary investigation of mate-recognition in baboons.
- 1983 - 1986: University of Massachusetts at Amherst Primate Laboratory. Undergraduate lab assistant. Assisted in data collection for a variety of

investigations of rhesus monkey behavior and intelligence.

### **Recent Professional Consulting**

National Geographic/Tiger Aspect Productions; And Apes Became Men documentary by Dutch Public Broadcast; VPRO Television Human Condition documentary by FHA Publishing and Communications; WYNC Radio, "PRI at Night" (science consultant); Austrian National Television; NHK, Japanese Public Television; Public Broadcasting System, "Nature"; CBS News, "48 Hours"; British Broadcasting Corporation; National Geographic Society; Chedd-Angier Production Company; KCET-Los Angeles; John Wiley & Sons; W.H. Freeman and Company; Academic Press; Oxford University Press; Cambridge University Press

### **References**

(available on request)