

Bonnie M. Perdue, Ph.D.

Agnes Scott College
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EDUCATION

- Ph.D. Cognition and Brain Sciences** **2011**
Ph.D. Minor: Statistics
Georgia Institute of Technology, Atlanta, GA
Dissertation title: *"Sex Differences in Spatial Memory Ability: A test of evolutionary hypotheses in the Order Carnivora"*
Chair: Dr. Terry L. Maple
- M.S. Experimental Psychology** **2008**
Georgia Institute of Technology, Atlanta, GA
Thesis title: *"Spatial Memory Recall in the Giant Panda (Ailuropoda Melanoleuca)"*
Chair: Dr. Terry L. Maple
- B.S. Psychology, Summa Cum Laude** **2004**
The University of Georgia, Athens, GA

PROFESSIONAL EXPERIENCE

- Assistant Professor of Cognitive Neuroscience & Psychology**, Agnes Scott College (2013 to Present)
Adjunct Professor, Georgia State University (2013 to Present)
Research Associate, Zoo Atlanta (2013 to Present)
Adjunct Professor, Agnes Scott College (2012 - 2013)
Postdoctoral Researcher, Language Research Center, Georgia State University (2011 - 2013)
Lab Coordinator, Center for Conservation & Behavior at Georgia Tech and Zoo Atlanta (2008- 2011)
Research Associate, Zoo Atlanta (2010- 2011)
Research Assistant, Georgia Tech Memory Lab (2007 & 2008)
Undergraduate Research Assistant, University of Georgia (2003-2004)
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PEER-REVIEWED PUBLICATIONS

2016

Beran, M. J., **Perdue, B. M.**, Church, B. A., & Smith, J. D. (2016). Capuchin monkeys (*Cebus apella*) modulate their use of an uncertainty response depending on risk. *Journal of Experimental Psychology: Animal Learning and Cognition*, *42*, 32-43.

Parrish, A. E., Agrillo, C., **Perdue, B. M.**, & Beran, M. J. (2016). The elusive illusion: Do children (*Homo sapiens*) and capuchin monkeys (*Cebus apella*) see the Solitaire illusion? *Journal of Experimental Child Psychology*, *142*, 83-95.

2015

Beran, M. J., Parrish, A. E., Futch, S. E., Evans, T. A., & **Perdue, B. M.** (2015). Looking ahead? Computerized maze task performance by chimpanzees (*Pan troglodytes*), rhesus monkeys (*Macaca mulatta*), capuchin monkeys (*Cebus apella*), and human children (*Homo sapiens*). *Journal of Comparative Psychology*, *129*, 160-173.

Beran, M. J., **Perdue, B. M.**, & Evans, T. A. (2015). Prospective memory in nonhuman primates. *Japanese Journal of Animal Psychology*, *65*, 23-33.

Beran, M. J., **Perdue, B. M.**, Futch, S. E., Smith, J. D., Evans, T. A., & Parrish, A. E. (2015). Go when you know: Chimpanzees' confidence movements reflect their responses in a computerized memory task. *Cognition*, *142*, 236-246.

Perdue, B. M., Bramlett, J. L., Evans, T. A., & Beran, M. J. (2015). Waiting for what comes later: capuchin monkeys show self-control even for nonvisible delayed rewards. *Animal Cognition*, *18*, 1105-1112. doi:10.1007/s10071-015-0878-9

Perdue, B. M., Church, B. A., Smith, J. D., & Beran, M. J. (2015). Exploring Potential Mechanisms Underlying the Lack of Uncertainty Monitoring in Capuchin Monkeys. *International Journal of Comparative Psychology*, Article 28.

Wilson, M. A., **Perdue, B. M.**, Bloomsmith, M. A., Maple, T. L. (2015). Rates of Reinforcement and Measures of Compliance in Free and Protected Contact Elephant Management Systems. *Zoo Biology*, *34*, 431-437.

2014

Beran, M. J., **Perdue, B. M.**, & Smith, J. D. (2014). What are my chances? Closing the gap in uncertainty monitoring between rhesus monkeys (*Macaca mulatta*) and capuchin monkeys (*Cebus apella*). *Journal of Experimental Psychology: Animal Behavior Processes*, *40*, 303-316.

- Beran, M. J., Parrish, A. E., **Perdue, B. M.**, & Washburn, D. A. (2014). Comparative cognition: Past, present, and future. *International Journal of Comparative Psychology*, *27*, 3-30.
- Evans, T. A., **Perdue, B. M.**, Parrish, A. E., & Beran, M. J. (2014). Working and waiting for better rewards: Self-control in two monkey species (*Cebus apella* and *Macaca mulatta*). *Behavioural Processes*, *103*, 236-242.
- Evans, T. A., **Perdue, B. M.**, & Beran, M. J. (2014). The relationship between event-based prospective memory and ongoing task performance in chimpanzees (*Pan troglodytes*). *PLoS ONE*, *9*, e112015.
- Parrish, A. E., **Perdue, B. M.**, Stromberg, E. E., Bania, A. E., Evans, T. A., & Beran, M. J. (2014). Delay of gratification by orangutans (*Pongo pygmaeus*) in the accumulation task. *Journal of Comparative Psychology*, *128*, 209-214.
- Perdue, B. M.**, Beran, M. J., Williamson, R. A., Gonsiorowski, A., & Evans, T. A. (2014). Prospective memory in children and chimpanzees. *Animal Cognition*, *17*, 287-295. doi:10.1007/s10071-013-0661-8
- Perdue, B. M.**, Evans, T. A., Washburn, D. A., Rumbaugh, D. M., & Beran, M. J. (2014). Do monkeys choose to choose? *Learning & Behavior*, *42*, 164-175.
- Zakrzewski, A. C., **Perdue, B. M.**, Beran, M. J., Church, B. A., & Smith, J. D. (2014). Cashing out: The decisional flexibility of uncertainty responses in rhesus macaques (*Macaca mulatta*) and humans (*Homo sapiens*). *Journal of Experimental Psychology: Animal Learning and Cognition*, *40*, 490-501.
- 2013
- Beran, M. J., Smith, J. D., & **Perdue, B. M.** (2013). Language-trained chimpanzees name what they have seen, but look first at what they have not seen. *Psychological Science*, *24*(5), 660-666.
- Mallavarapu S., **Perdue B. M.**, Stoinski T. S., Maple T. L. (2013). Can black-and-white ruffed lemurs (*Varecia variegata*) solve object permanence tasks? *American Journal of Primatology*, *75*(4), 367-386. doi:10.1002/ajp.22118
- Parrish, A. E., **Perdue, B. M.**, Evans, T. A., Beran, M. J. (2013). Chimpanzees (*Pan troglodytes*) transfer tokens repeatedly with a partner to accumulate rewards in a self-control task. *Animal Cognition*, *16*(4), 627-636.
- Perdue, B. M.**, Snyder, R. J., Maple, T. L. (2013). Cognitive research in Asian small-clawed otters. *International Journal of Comparative Psychology*, *26*, 105-113.

Stoinski, T. S., **Perdue, B. M.**, Breuer, T., Hoff, M. J. (2013). Variability in the developmental life history of the genus Gorilla. *American Journal of Physical Anthropology*, 152(2), 165-172. doi:10.1002/ajpa.22301

2012

Beran, M. J., **Perdue, B. M.**, Parrish, A. E., & Evans, T. A. (2012). Do social conditions affect capuchin monkeys' (*Cebus apella*) choices in a quantity judgment task? *Frontiers in Comparative Psychology*, 3, Article 492.

Beran, M. J., **Perdue, B. M.**, Bramlett, J. L., Menzel, C. R., & Evans, T. A. (2012). Prospective memory in a language-trained chimpanzee (*Pan troglodytes*). *Learning and Motivation*, 43, 192-199.

Bramlett, J. L., **Perdue, B. M.**, Evans, T. A., & Beran, M. J. (2012). Capuchin monkeys (*Cebus apella*) let lesser rewards pass them by to get better rewards. *Animal Cognition*, 5, 963-969

Evans, T. A., **Perdue, B. M.**, Parrish, A. E., Menzel, E. C., Brosnan, S. F., Beran, M. J. (2012). How is chimpanzee self-control influenced by social setting? *Scientifica*, Article ID 654094.

Perdue, B. M., Clay, A. W., Stoinski, T. S., Gaalema, D. E., Maple, T. L. (2012). Technology at the zoo: The influence of a touchscreen computer on orangutans and zoo visitors. *Zoo Biology*, 31, 27-39.

Perdue, B. M., Maple, T. L., Stoinski, T. S. (2012). Using technology to educate zoo visitors about conservation. *Visitor Studies*, 15, 16-27.

Perdue, B. M., Talbot, C. F., Stone, A., Beran, M. J. (2012). Putting the elephant back in the herd: Elephant relative quantity judgments match those of other species. *Animal Cognition*, 5, 955-961.

Snyder, R. S., **Perdue, B. M.**, Powell, D., Forthman, D. L., Bloomsmith, M. A., Maple, T. L. (2012). Behavioral and hormonal consequences of transporting giant pandas from China to the United States. *Journal of Applied Animal Welfare Science*, 15, 1-20.

2011

Clay, A. W., **Perdue, B. M.**, Gaalema, D. E., Dolins, F., Bloomsmith, M. A. (2011). The use of technology to enhance zoological parks. *Zoo Biology*, 30, 487-97.

Gaalema, D. E., **Perdue, B. M.**, Kelling, A. S. (2011). Food choice, keeper ratings, and reinforcer effectiveness in exotic animals: The value of systematic testing. *Journal of Applied Animal Welfare Science*, 14(1), 33-41.

Perdue, B. M., Gaalema, D. E., Martin, A. L., Dampier, S. M., Maple, T. L. (2011). Factors affecting aggression in a flock of Chilean Flamingos (*Phoenicopterus chilensis*). *Zoo Biology*, 30, 59-64.

Perdue, B. M., Snyder, R. J., Zhang, Z., Marr, M. J., Maple, T. L. (2011). Sex differences in spatial ability: A test of the range size hypothesis in the order Carnivora. *Biology Letters*, 7(3), 380-383.

2009

Perdue, B. M., Snyder, R. J., Pratte, J., Marr, M. J., Maple, T. L. (2009). Spatial memory recall in the giant panda (*Ailuropoda melanoleuca*). *Journal of Comparative Psychology*, 123, 275-279.

Stoinski, T. S., **Perdue, B. M.**, Legg, A. M (2009). Sexual behavior in female western lowland gorillas: Evidence for sexual competition (*Gorilla gorilla gorilla*). *American Journal of Primatology*, 71, 587-593.

BOOKS

Maple, T. L. & Perdue, B. M. (2013). *Zoo animal welfare*. Animal welfare. Berlin: Springer-Verlag. doi: 10.1007/978-3-642-35955-2

BOOK CHAPTERS & BOOK REVIEWS

Perdue, B. M. (2016). Lions, and tigers, and undergraduate students, oh my! The zoo as a tool for enhancing student learning. In W. Altman, L. Stein, & J. E. Westfall (Eds.), *Essays from E-xcellence in Teaching* (Vol. 15, pp. 1-4). Retrieved from the Society for the Teaching of Psychology Web site: <http://teachpsych.org/ebooks/eit2014/index.php>

Beran, M. J., **Perdue, B. M.**, & Evans, T. A. (2015). Monkey mathematical abilities. In R. Cohen Kadosh & A. Dowker (Eds), *Oxford handbook of mathematical cognition*. Oxford, UK: Oxford University Press.

Beran, M. J., & **Perdue, B. M.** (2012). Do I know what you know, or do I only know what you do? Animal mindreading versus behavior reading. [Review of the book *Mindreading animals: The debate over what animals know about other minds*, by R. Lurz]. *PsycCRITIQUES -- Contemporary Psychology: APA Review of Books*, 57, Release 18.

UNDERGRADUATE RESEARCH CONFERENCE PRESENTATIONS

2016

Vorder Bruegge, M., Camden, A., Brown, E., Kelly, A. J., Beran M. J., & **Perdue, B. M.** (March, 2016). Choice behavior in children and nonhuman primates. Committee on Equality of Professional Opportunity undergraduate poster presented at the Southeastern Psychological Association conference, New Orleans, LA. (Faculty-reviewed).

2015

Futch, S. E., Parrish, A. E., **Perdue, B. M.**, Smith, J. D., Evans, T. A., & Beran, M. J. (2015, October). Confidence judgments by chimpanzees during computerized memory testing. Poster presented at the Psychology Undergraduate Research Conference (PURC) at Georgia State University, Atlanta GA.

Walker, B., Rossettie, M., Futch, S. E., **Perdue, B. M.**, & Beran, M. J. (2015, October). Save it for later! Delay of gratification in capuchin monkeys. Poster presented at the Psychology Undergraduate Research Conference (PURC) at Georgia State University, Atlanta GA.

Brown, E. R., Cross, R., Allen, L. B., Wilson, M., & **Perdue, B. M.** (2015, March). *Pacing and Aggression in Captive Sun Bears*. Undergraduate poster presented at the Southeastern Psychological Association conference, Hilton Head, SC. (Faculty-reviewed)

Non-reviewed Undergraduate Conference Presentations at Agnes Scott College

2016

Rudolph, H., Booher, C. & **Perdue, B. M.** (2016, April). *Computers as Enrichment for Sun Bears*. Presentation given at the Spring Annual Research Conference, Agnes Scott College.

2015

Allen, L-B. & **Perdue, B. M.** (2015, April). *Zoo Animal Welfare: Sun Bears, the Visitor Effect, and Environmental Enrichment*. Presentation given at the Spring Annual Research Conference, Agnes Scott College.

Brown, E. & **Perdue, B. M.** (2015, April). *Will Monkeys Choose to Keep their Options Open?* Presentation given at the Spring Annual Research Conference, Agnes Scott College.

Brown, E., Siddiqui, S., & **Perdue, B. M.** (2015, April). *Evaluating the Welfare of Two Primate Species Based on Grooming Behavior*. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Cahill, J., Chowdhury, J., & **Perdue, B. M.** (2015, April). *Ground Hornbills' Reaction to the Presence of Children*. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Chowdhury, J., Cahill, J., & **Perdue, B. M.** (2015, April). *The Effects of Color Stimuli on Southern Ground Hornbills*. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Hopkins, M., Riale, K., & **Perdue, B. M.** (2015, April). *Food Enrichment in Sun Bears at Zoo Atlanta*. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

2014

Allen, L., Amedi, H., **Perdue, B. M.** (2014, April). *The Effect of Crowd Size on Golden Lion Tamarins and their Nurturing Behaviors*. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Cross, R., Angleton, G., **Perdue, B. M.** (2014, April). *The Effect of Time and Time Change on Sun Bear Behaviors*. Poster presented at the Spring Annual Research Conference, Agnes Scott College.

Singleton, K., Resnak, J. A., **Perdue, B. M.** (2014, April). *Self-Groom and Resting Behavior: The Effects of Weather on Red Kangaroos*. Presentation given at the Spring Annual Research Conference, Agnes Scott College.

PRESENTATIONS

2016

Johnson-Ulrich, Z., Johnson-Ulrich, L., Cater, T., **Perdue, B.**, Brown, E., & Vonk, J. (April, 2016). Behavioral flexibility and problem-solving in captive bears. Talk presented at the 23rd International Conference on Comparative Cognition, Melbourne Beach, FL.

Beran, M. J., Parrish, A. E., Menzel, C. R., Evans, T. E., *Futch, S., & **Perdue, B. M.** (2016, March). *From mazes to my favorite food... Later: Self-control, planning, and prospective memory in primates*. Paper presentation at the 108th annual meeting of the Southern Society for Philosophy and Psychology, Louisville, KY. (Invited).

*Love, M. W., Kelly, A. J., **Perdue, B. M.**, Beran, M. J. (2016, March). *Prospective memory and output monitoring in children*. Poster presentation at the Southeastern Psychological Association conference, New Orleans, LA. (Peer-reviewed).

2015

Beran, M. J., Parrish, A. E., *Futch, S. E., Evans, T. A., **Perdue, B. M.**, & Smith, J. D. (2015, November). Information-seeking behavior and confidence judgments by chimpanzees. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Chicago, IL.

Beran, M. J., Parrish, A. E., *Futch, S. E., Evans, T. A., **Perdue, B. M.**, & Smith, J. D. (November, 2015). Information-seeking behavior and confidence judgments by chimpanzees. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Chicago, IL.

- Perdue, B. M.** (2015, November). *Computers and comparative cognition research at the zoo*. Paper presented at the Society for Computers in Psychology Meeting, Chicago, IL. (Peer-reviewed).
- Beran, M. J., **Perdue, B. M.**, Smith, J. D., *Futch, S., Evans, T. A., & Parrish, A. E. (2015, May). *Confidence judgments by chimpanzees during computerized memory tests*. Poster presented at the 27th annual convention of the Association for Psychological Science, New York. (Peer-reviewed).
- *Allen, L. B., *Brown, E. R., *Cross, R., & **Perdue, B. M.** (2015, April). *Cognitive Enrichment in Sun Bears*. Professional presentation at the Bear TAG Workshop for Zoo Professionals in Tucson, AZ. (Peer-reviewed).
- Beran, M. J., Smith, J. D., & **Perdue, B. M.** (2015, April). *What we (think we) know about why capuchin monkeys don't seem to know what they know*. Paper presented at the 107th annual meeting of the Southern Society for Philosophy and Psychology, New Orleans, LA. (Peer-reviewed).
- Hrabic, M., Foster, N., Bramlett, J., **Perdue, B. M.**, Beran, M. J., & Williamson, R. (2015, April). *A comparative approach to effective strategy use in delaying gratification*. Paper presented at the 107th annual meeting of the Southern Society for Philosophy and Psychology, New Orleans, LA. (Peer-reviewed).
- Perdue, B. M.**, *Cross, R., *Allen, L., *Brown, E. R. (2015, April). *Cognitive Testing in Sun Bears Using a Touchscreen Computer*. Paper presented at the 107th annual meeting of the Southern Society for Philosophy and Psychology, New Orleans, LA. (Peer-reviewed).
- Perdue, B. M.** (2015, March). *Assessing Metacognition in Language-trained Chimpanzees*. Presentation at the annual meeting of the Southeastern Psychological Association, Hilton Head, SC.
- Perdue, B. M.** (2015, March). *An interactive approach to teaching APA style: The reference scramble game*. In J. L. Hughes, *Using class activities to keep psychology students' interested*. Presentation at the annual meeting of the Southeastern Psychological Association, Hilton Head, SC.
- Perdue, B. M.** (2015, January). *Lions, and tigers, and undergraduate students, oh my! The zoo as a tool for enhancing student learning*. Poster presented at the National Institute on the Teaching of Psychology, St. Pete's Beach, FL. (Peer-reviewed).

- Beran, M. J., Evans, T. A., Parrish, A. E., & **Perdue, B. M.** (2014, November). *Go when you know: Confidence movements by language-trained chimpanzees during computerized testing*. Paper presented at the 55th annual meeting of the Psychonomic Society, Long Beach, CA. (Peer-reviewed).
- Perdue, B. M.** (2014, September). Integrating cognitive research and animal welfare. Paper presented at the 37th meeting of the American Society of Primatologists, Decatur, GA. (Peer-reviewed)
- Beran, M. J., Parrish, A. E., **Perdue, B. M.**, Bramlett, J., & Evans, T. A. (2014, August). *Do primates say it's worth the wait? Comparative approaches to delay of gratification*. Invited paper presented at the 122nd annual meeting of the American Psychological Association, Washington DC.
- Perdue, B. M.**, Snyder, R. J., Wilson, M. L., & Maple, T. L. (2013). Giant panda welfare in captivity. *Journal of Applied Animal Welfare Science*, 16(4), 394-395. (Published Abstract).
- Beran, M. J., Parrish, A. E., **Perdue, B. M.**, Bramlett, J., & Evans, T. A. (2014, August). *Do primates say it's worth the wait? Comparative approaches to delay of gratification*. Paper presented at the 122nd annual meeting of the American Psychological Association, Washington DC. (Invited)
- Snyder, R. J., **Perdue, B. M.**, Kelling, A. S., and Tarou, L. (2014, March) *Giant panda cognition and perception*. Invited paper presented at the Cognition, Enrichment and Collaboration conference hosted by Animal Concepts. Atlanta, GA. (Invited)
- Perdue, B. M.** (2014, February). *Broadening the comparative spectrum: Research in less commonly studied species*. Introduction to invited session presented at the 106th annual meeting of the Southern Society for Philosophy and Psychology, Charleston, SC. (Peer-reviewed)
- Evans, T. A., **Perdue, B. M.**, & Beran, M. J. (2014, February). *Language-trained chimpanzees (Pan troglodytes) remember to remember in an analog of a human prospective memory task*. Invited paper presented at the 106th annual meeting of the Southern Society for Philosophy and Psychology, Charleston, SC. (Peer-reviewed)
- 2013
- Parrish, A. E., **Perdue, B. M.**, Evans, T. A., & Beran, M. J. (2013, November). *Chimpanzees (Pan troglodytes) transfer tokens with social partners to accumulate rewards in a self-control task*. Paper presented at the Fall Meeting of the Comparative Cognition Society, Toronto, Canada. (Peer-reviewed)
- Beran, M. J., **Perdue, B. M.**, Church, B. A., & Smith, J. D. (2013, November). *Differences in uncertainty monitoring by rhesus monkeys (Macaca mulatta) and capuchin monkeys (Cebus*

apella): *It's not a chance thing*. Paper presented at the 54th annual meeting of the Psychonomic Society, Toronto, Canada. (Peer-reviewed)

- Perdue, B. M.**, Evans, T. A., Bramlett, J., & Beran, M. J. (2013, August). *Waiting for what comes later: Capuchin monkeys show self-control even for nonvisible delayed rewards*. Paper presented at the Joint meeting of the International Ethological Conference and Association for the Study of Animal Behaviour, Newcastle, England. (Peer-reviewed)
- Beran, M. J., **Perdue, B. M.**, Evans, T. E., & Parrish, A. E. (2013, August). *Humans and nonhuman primates show similar skill in estimating uncertain outcomes during quantity judgments*. Paper presented at the Joint meeting of the International Ethological Conference and Association for the Study of Animal Behaviour, Newcastle, England. (Peer-reviewed)
- Evans, T. E., **Perdue, B. M.**, & Beran, M. J. (2013, August). *Planning to remember: Prospective memory in language-trained chimpanzees (Pan troglodytes)*. Paper presented at the Joint meeting of the International Ethological Conference and Association for the Study of Animal Behaviour, Newcastle, England. (Peer-reviewed)
- Parrish, A. E., **Perdue, B. M.**, Evans, T. A., & Beran, M. J. (2013, June). *Chimpanzees (Pan troglodytes) transfer tokens to accumulate rewards in a self-control task*. Paper presented at the American Society of Primatologists meeting, San Juan, Puerto Rico. (Peer-reviewed)
- Gonsiorowski, A., **Perdue, B. M.**, Williamson, R., Beran, M. J. (2013, April). *Prospective memory and delay of gratification in 3-Year-Old children*. Society for Research and Child Development, Seattle, Washington. (Peer-reviewed)
- Perdue, B. M.** (2013, March). *Do monkeys choose to choose?* Southern Society for Philosophy and Psychology, Austin, Texas. (Peer-reviewed)
- Evans, T. E., **Perdue, B. M.**, Parrish, A. E., Beran, M. J. (2013, March). *The question of capuchin monkey self-control: What are we really asking?* Southern Society for Philosophy and Psychology. Austin, Texas. (Peer-reviewed)
- Bramlett, J., Evans, T. A., **Perdue, B. M.**, Menzel, E., Beran, M. J. (2013, March). *This too shall pass: a rotating reward tray shows delay of gratification in capuchin monkeys*. Southern Society for Philosophy and Psychology, Austin, Texas. (Peer-reviewed)
- Beran, M. J., **Perdue, B. M.**, Parrish, A. E., & Evans, T. A. (2013, March). *Do social conditions affect capuchin monkeys' estimations during quantity judgments?* Paper presented at the 59th annual meeting of the Southeastern Psychological Association, Atlanta, GA (Peer-reviewed)

- Zakrzewski, A. C., **Perdue, B. M.**, Beran, M. J., Church, B. A., & Smith, J. D. (2012, November). *Cashing out: macaques' and humans' decisional flexibility of uncertainty responding*. Abstracts of the Psychonomic Society, 17, 145. (Peer-reviewed)
- Beran, M. J., Smith, J. D., & **Perdue, B. M.** (2012, August). *Chimpanzees name when they know and look when they do not know*. Paper presented at the 24th Congress of the International Primatological Society meeting, Cancun, Mexico. (Peer-reviewed)
- Perdue, B. M.**, Evans, T. E., Bramlett, J. L., Menzel, C. R & Beran, M. J. (2012, August). *Looking to the future: Prospective memory in chimpanzees (Pan Troglodytes)*. Paper presented at the meeting of the International Primatological Society, Cancun, Mexico. (Peer-reviewed)
- Perdue, B. M.** & Beran, M. J. (2012, July). *Chimpanzees (Pan troglodytes) know what they know*. Paper presented at the meeting of the International Congress of Psychology, Capetown, South Africa. (Peer-reviewed)
- Crast, J. & **Perdue, B. M.** (2012, April). *Cognitive enrichment for nonhuman primates*. Breakout workshop at Enrichment Extravaganza, Atlanta, GA. (Peer-reviewed)
- Perdue, B. M.**, Evans, T. A., Beran, M. J. (2012, March). *What's all of the bias about? Learning effects contribute to cognitive bias in nonhuman primates*. Paper presented at the annual meeting of the Comparative Cognition Society, Melbourne, FL. (Peer-reviewed)
- Bramlett, J., Evans, T. A., **Perdue, B. M.**, Menzel, E., Beran, M. J. (2012, March). *When task demands are clear, capuchins demonstrate self-control*. Poster presented at the annual meeting of the Comparative Cognition Society, Melbourne, FL. (Peer-reviewed)
- Evans, T.A., **Perdue, B.M.**, Bramlett, J., Beran, M.J. (2012, March). *Prospective memory in a language-trained chimpanzee*. Paper presented at the annual meeting of the Comparative Cognition Society, Melbourne, FL. (Peer-reviewed)

2011

- Perdue, B. M.**, Talbot, C., Stone, A., Beran, M. J. (2011, November). *Putting the elephant back in the herd: Elephant relative quantity judgments match those of other species*. Paper presented at the annual meeting of Comparative Cognition Society Fall Meeting, Seattle, WA. (Peer-reviewed)
- Perdue, B. M.**, Snyder, R. S., Maple, T. L. (2011, November). *Promiscuous pandas and monogamous otters: Does the range size hypothesis predict sex differences in spatial ability in the order Carnivora?* Poster presented at the annual meeting of The Psychonomic Society, Seattle, WA. (Peer-reviewed)
- Perdue, B. M.**, Snyder, R. S., Wilson, M. L. Maple, T. L. (2011, August). *Giant panda welfare in captivity*. Poster presented at the Center for Zoo Animal Welfare conference "From good care to great welfare," Detroit, MI. (Peer-reviewed)

Perdue, B. M., Snyder, R. S., Maple, T. L. (2011, March). *Exploring sex differences in spatial ability: Further evidence for the range size hypothesis in the order Carnivora*. Poster presented at the annual meeting of the Comparative Cognition Society, Melbourne, FL. (Peer-reviewed)

2010

Stoinski, T. S., **Perdue, B. M.,** Kuhar, C. W., Lukas, K. E., Gold, K. C. (2010, September). *Longitudinal assessments of gorilla personality and their role in captive management*. Paper presented at the meeting of the International Primatological Society, Kyoto, Japan. (Peer-reviewed)

Mallavarapu, S., **Perdue, B. M.,** Stoinski, T. S., Maple, T. L. (2010, March). *A novel assessment of object permanence in orangutans*. Paper presented at annual meeting of the Comparative Cognition Society, Melbourne, FL. (Peer-reviewed)

2009

Perdue, B. M., Kelling, A. S., Snyder, R. J., Maple, T. L. (2009, November). *Conducting cognitive research with giant pandas at Zoo Atlanta*. Paper presented at the Annual Conference of Chinese Committee of Breeding Technique for Giant Panda, Chengdu, China. (Peer-reviewed)

Perdue, B. M., Stoinski, T. S., Gold, K. C., Kuhar, C. W., Lukas, K. E., Maple, T. L. (2009, September). *A longitudinal assessment of gorilla personality*. Poster presented at the annual meeting of the American Society of Primatologists, San Diego, CA. (Peer-reviewed)

Clay, A.W., **Perdue, B.M.,** Maple, T.L., Bloomsmith, M.A. (2009, September). *Transfer of food preferences to photographs in captive Western Lowland Gorillas (*Gorilla gorilla gorilla*)*. Paper presented at the annual meeting of the American Society of Primatologists, San Diego, CA. (Peer-reviewed)

2008

Perdue, B.M., Clay, A.W., Kelling, A.S., Gaalema, D.E. (2008, October). *Conducting cross-species food choice research: How and why?* Poster presented at the annual meeting of the Southeastern Association for Behavior Analysis, Atlanta, GA. (Peer-reviewed)

Perdue, B. M. (2008, March). *Designing a method to test recall memory in non-verbal species*. Poster presented at the Graduate Student Government's Graduate Research Symposium, Atlanta, GA. (Peer-reviewed)

2007

Pratte, J. & **Perdue, B. M.** (2007, September). *Giant pandas and research: Spatial memory recall and training methods*. Paper presented at the national meeting of the American Association of Zoo Keepers (AZAK), Galveston, TX. (Peer-reviewed)

Perdue, B. M., Gaalema, D., Maple, T. L. (2007, April). *Animal cognition research in zoos: A new*

opportunity for psychologists. Paper presented at the meeting of the Southern Society for Psychology and Philosophy, Atlanta, GA. (Peer-reviewed)

Perdue, B. M. & Maple, T. L. (2007, May). Spatial memory and wayfinding in the giant panda (*Ailuropoda melanoleuca*). Paper presented at the meeting of the Environmental Design and Research Association, Sacramento, CA. (Peer-reviewed)

2006

Allard, S., Mallavarapu, S., **Perdue, B.**, Sandhaus, E., Snyder, R, Wineman, J., & Maple, T. (2006, May). Zoo design, re-design, and re-construction. Paper presented at the meeting of the Environmental Design and Research Association, Atlanta, GA. (Peer-reviewed)

Perdue, B. M., Sandhaus, E., Lin, L. C., Maple, T. L. (2006, May). *Beyond conflict: Exhibiting and managing giant pandas in the United States and China*. Paper presented at the meeting of the Environmental Design and Research Association, Atlanta, GA. (Peer-reviewed)

TEACHING EXPERIENCE

Agnes Scott College

Assistant Professor

Courses taught: Introductory Psychology: Biological and Cognitive Processes, Introductory Psychology: Development, Social Behavior, and Individual Differences, Research Design and Methods, Research Statistics, Animal Behavior, Cognitive Neuroscience, Learning and Memory, Special Topics

Georgia Institute of Technology

Instructor, General Psychology, 2010 & 2011

Co-Instructor, General Psychology, Teaching Practicum, 2008

Lab Instructor, Experimental Analysis of Behavior, 2008 & 2009

Teaching Assistant, Experimental Analysis of Behavior (2008 & 2009), General Psychology (2006), Human Development (2006)

FUNDING

Funded Applications:

Perdue, B. M. (2015). A comparative assessment of cognitive abilities in nonhuman primates. Funded by the Professional Development Committee funds of Agnes Scott College (Gary and Buchanan)

Perdue, B. M. (2014). Touchscreen computer testing in sun bears. Funded by the Professional Development Committee funds of Agnes Scott College (Faculty Partners)

Applied for:

Perdue, B. M. (2015). Non-invasive eyetracking in human and non-human primate cognition. National Institutes of Health – Academic Research Enhancement Award. Not funded.

Beran, M. J., Washburn, D. A., Perdue, B. M., Evans, T. A., Parrish, A. E., & Hopkins, W. D. The impact of computerized training on self-control and behavioral inhibition: Comparative behavioral and neurological assessments. \$382,574 (total costs) requested from the National Institutes of Health. Not funded.

Perdue, B. M. A comparative investigation of eye tracking and cognition. National Institutes of Health Pathway to Independence Award (K99/R00). Withdrawn due to job acceptance.

National Science Foundation, “The Comparative and Developmental Foundations of Future Oriented Cognitive Processes,” *Co-Principal Investigator* (2012)

National Institutes of Health, Ruth Kirschstein National Research Service Award (2011)

National Science Foundation, Graduate Research Fellowship Program (2006)

Social Science Research Council, Dissertation Proposal Development Program (2008)

American Society of Primatology, General Small Grant (2008)

SERVICE

Professional Activities

2016 – Elected to three year term as member of the Committee on Animal Research Ethics (CARE) of the American Psychological Association

2016 – Panelist at FOCUS event geared towards attracting underrepresented groups to graduate school in STEM fields at Georgia Tech

2015 – Attended Project Kaleidoscope (PKAL) Summer Leadership Institute of the Association of American Colleges & Universities

2015 - Elected to three year term as council member for the Southern Society for Philosophy and Psychology

2014 - Program chair 2014 Meeting of the Southern Society for Philosophy and Psychology

Elected to Editorial Board - *Frontiers in Comparative Psychology*

Ad hoc reviewer

Journal of Experimental Psychology: Animal Behavior Processes, *Journal of Applied*

Animal Welfare Science, *Learning and Behavior*, *Journal of Comparative Psychology*

Frontiers Psychology, *International Journal of Comparative Psychology*, *Developmental*

Science, *Animal Behaviour*, *Behavioural Processes*, *PeerJ*, *PLOS One*

Agnes Scott College

Co-advisor for Psychology and Neuroscience Club (2013-present)

Nu Rho Psi (Neuroscience Honor Society)

Various campus activities such as Orientation Day, Service Saturday, Community Day, Discover the Sciences, Scholar's Weekend, Achievement Weekend, Alumnae Weekend

Georgia Institute of Technology

Member of Psychology Department Recruitment and Orientation Committee (2006 - 2008)

Course evaluations for School of Psychology (2006 - 2011)

Women's Day of Service (2009)

Zoo Atlanta

Presented research at Giant Panda Species Survival Plan workshop (2007)

Center for Behavioral Neuroscience "Neuroscience Expo" at Zoo Atlanta (2007 & 2008)

Volunteer Researcher for Giant Panda data collection and data entry (2004 - 2005)

PROFESSIONAL MEMBERSHIPS

American Psychological Association

Society for the Teaching of Psychology

American Society of Primatologists

Center for Behavioral Neuroscience

Women in Cognitive Science

The Psychonomic Society (associate member)

HONORS & AWARDS

Society for the Teaching of Psychology – Early Career Travel Grant, 2014

National Institute for the Teaching of Psychology – Early Career Scholarship, 2015

Nu Rho Psi – member and co-advisor of Agnes Scott College chapter

Richard M. Griffith Award – Southern Society for Philosophy and Psychology

Duane M. Rumbaugh 2012-2013 Fellowship recipient

Recipient of the 2012 APA-USNC International Travel and Mentoring Program Award

Recipient of the 2012 APA Interdivisional Mentoring Award

Selected to serve on Diversity Panel for Office of International Education

Presidential Scholar

Phi Beta Kappa: Academic Honors Organization

Psi Chi: International Honor Society in Psychology

Hope Scholarship: Full tuition scholarship for undergraduate degree

REFERENCES

Available upon request.