

# AUDREY E. PARRISH, Ph.D.

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## EDUCATION

- 2015            **Doctorate of Philosophy (Ph.D.), Psychology – Cognitive Sciences**  
Georgia State University, Atlanta, GA
- 2011            **Master of Arts (M.A.), Psychology – Cognitive Sciences**  
Georgia State University, Atlanta, GA
- 2009            **Bachelor of Science (B.S.), Biology – Magna Cum Laude**  
Winthrop University, Rock Hill, SC

## PROFESSIONAL EXPERIENCE

- 2016 - Present    **Assistant Professor of Psychology**, The Citadel: The Military College of South Carolina
- 2016            **Research Associate**, Language Research Center, Georgia State University
- 2015 – 2016    **Adjunct Professor**, Spelman College
- 2009 – 2015    **Graduate Research Assistant and Fellow**, Georgia State University
- 2008 – 2009    **Undergraduate Research Assistant**, Winthrop University

## GRANTS & FELLOWSHIPS

- 2016 - 2020    Beran, M. J., Church B. A., Perdue B. M., Parrish A. E., & Smith, J. D.  
Confidence judgments and metacognition in comparative and developmental  
perspective. \$587,087 (total costs) from the National Science Foundation
- 2017            Citadel SURE (Summer Undergraduate Research Experience) Mentoring Award. \$3000  
(total costs)
- 2016, 2017    Citadel Foundation Presentation of Research Grant
- 2016, 2017    Citadel Foundation Faculty Research Grant
- 2013 - 2016    Duane M. Rumbaugh Fellowship Grant, Georgia State University
- 2012 - 2015    2CI University Doctoral Fellowship in Primate Social Cognition, Evolution &  
Behavior, Georgia State University

- 2012 - 2013 Rumbaugh Fellowship Grant-in-Aid, Georgia State University
- 2009 - 2012 Brains & Behavior Fellowship, Neuroscience Institute, Georgia State University

## AWARDS

- 2016 APA Early Career Award from the Society for Experimental Psychology and Cognitive Science (Division 3 of the APA)
- 2014 APA Interdivisional Mentoring Award (Divisions 3 & 6)
- 2014 Richard Morrell Outstanding Graduate Student in Psychology Award, Georgia State University
- 2013 APA Division 3's Best Early Career Presentation, Comparative Cognition Society
- 2013 American Society of Primatologists Student Paper Competition Finalist
- 2011, 2014 Graduate Student Travel Grant, Southern Society for Philosophy and Psychology
- 2009 Houk Prize, Biology Department, Winthrop University
- 2008 Lockett Davis Endowment Travel Grant, Winthrop University
- 2008 Dean of Arts and Science Travel Grant, Winthrop University

## PUBLICATIONS

### Peer-reviewed Articles:

- In press Talbot, C. F., **Parrish, A. E.**, Watzek, J., Essler, J. L., Leverett, K. L., Paukner, A., & Brosnan, S. F. (in press). The influence of reward quality and quantity and spatial proximity on the responses to inequity and contrast in capuchin monkeys (*Cebus [Sapajus] apella*). *Journal of Comparative Psychology*.
- In press Beran, M. J., Perdue, B. M., Kelly, A. K., & **Parrish, A. E.** (in press). What's in a face (made of foods)? Comparing children's and monkeys' perception of faces in face-like images of food. *Animal Behavior and Cognition*, 4, 200–216.
- In press Beran, M. J., & **Parrish, A. E.** (in press). The number sense is neither last resort nor of primary import. Commentary: From 'sense of number' to 'sense of magnitude' - The role of continuous magnitudes in numerical cognition. *Behavioral and Brain Sciences*.
- 2017 **Parrish, A. E.**, James, B. T., & Beran, M. J. (in press). Exploring whether nonhuman primates show a bias to overestimate dense quantities. *Journal of Comparative Psychology*, 131, 59-68.

- 2016 Agrillo, C., **Parrish, A. E.**, & Beran, M. J. (2016). How illusory is the Solitaire illusion? Assessing the degree of misperception of numerosity in adult humans. *Frontiers in Psychology*, *7*, 1663. doi: 10.3389/fpsyg.2016.01663.
- 2016 Beran, M. J., James, B. T., Whitham, W., & **Parrish, A. E.** (2016). Chimpanzees can point to smaller amounts of food to accumulate larger amounts but they still fail the reverse-reward contingency task. *Journal of Experimental Psychology: Animal Learning and Cognition*, *42*, 347-358.
- 2016 **Parrish, A.E.**; Emerson, I.D.; Rossettie, M.S.; Beran, M.J. (2016). Testing the glucose hypothesis among capuchin monkeys: Does glucose boost self-control? *Behavioral Sciences*, *6*, 16.
- 2016 Beran, M. J., Menzel, C. R., **Parrish, A. E.**, Perdue, B. M., Sayers, K., Smith, J. D., & Washburn, J. D. (2016). Primate cognition: Attention, episodic memory, prospective memory, self-control, and metacognition as examples of cognitive control in nonhuman primates. *WIREs Cognitive Science*. doi: 10.1002/wcs.1397
- 2016 Beran, M. J., & **Parrish, A. E.** (2016). Capuchin monkeys (*Cebus apella*) treat small and large numbers of items similarly during a relative quantity judgment task. *Psychonomic Bulletin & Review*, *23*, 1206-1213.
- 2016 Beran, M. J., Perdue, B. M., Rossettie, M. S., James, B. T., Whitham, W., Walker, B., Futch, S. E., & **Parrish, A. E.** (2016). Self-control assessments of capuchin monkeys with the rotating tray task and the accumulation task. *Behavioural Processes*, *129*, 68-79.
- 2016 **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.
- 2016 Beran, M. J., Rossettie, M. S., & **Parrish, A. E.** (2016). Trading up: Chimpanzees (*Pan troglodytes*) show self-control through their exchange behavior. *Animal Cognition*, *19*, 109-121.
- 2015 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2015). Capuchin monkeys alternate play and reward in a dual computerized task. *Animal Behavior and Cognition*, *2*, 334-347.
- 2015 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2015). Do you see what I see? A comparative investigation of the Delboeuf illusion in humans (*Homo sapiens*), rhesus monkeys (*Macaca mulatta*), and capuchin monkeys (*Cebus apella*). *Journal of Experimental Psychology: Animal Learning and Cognition*, *41*, 395-405.
- 2015 Beran, M. J., James, B. T., Futch, S. E., & **Parrish, A. E.** (2015). A comparative psychologist by any other name...is still a comparative psychologist. Commentary: A crisis in comparative psychology: Where have all the undergraduates gone? *Frontiers in Psychology*, *6*, 1928.

- 2015 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.
- 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.
- 2015 **Parrish, A. E.**, Evans, T. A., & Beran, M. J. (2015). Defining value through quantity and quality – chimpanzees (*Pan troglodytes*) undervalue food quantities when items are broken. *Behavioural Processes*, *111*, 118-126.
- 2015 **Parrish, A. E.**, Evans, T. A., & Beran, M. J. (2015). Rhesus macaques (*Macaca mulatta*) exhibit the decoy effect in a perceptual discrimination task. *Attention, Perception, & Psychophysics*, *77*, 1715-1725.
- 2014 Agrillo, C., **Parrish, A. E.**, & Beran, M. J. (2014). Do primates see the Solitaire illusion differently? A comparative assessment of humans (*Homo sapiens*), chimpanzees (*Pan troglodytes*), rhesus monkeys (*Macaca mulatta*) and capuchin monkeys (*Cebus apella*). *Journal of Comparative Psychology*, *128*, 402-413.
- 2014 **Parrish, A. E.**, Brosnan, S. F., Wilson, B. J., & Beran, M. J. (2014). Differential responding by rhesus monkeys (*Macaca mulatta*) and humans (*Homo sapiens*) to variable outcomes in the Assurance game. *Animal Behavior and Cognition*, *1*, 215-229.
- 2014 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.
- 2014 Agrillo, C., **Parrish, A. E.**, & Beran, M. J. (2014). Do rhesus monkeys (*Macaca mulatta*) perceive the Zöllner illusion? *Psychonomic Bulletin & Review*, *21*, 986-994.
- 2014 **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.
- 2014 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.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014). Chimpanzees sometimes see fuller as better: Judgments of food quantities based on container size and fullness. *Behavioural Processes*, *103*, 184-191.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014). When less is more: Like humans, chimpanzees (*Pan troglodytes*) misperceive food amounts based on plate size. *Animal Cognition*, *17*, 427-434.

- 2013 Beran, M. J., & Parrish, A. E. (2013). Visual nesting of stimuli affects rhesus monkeys' (*Macaca mulatta*) quantity judgments in a bisection task. *Attention, Perception, & Psychophysics*, 75, 1243-1251.
- 2013 Brosnan, S. F., Beran M. J., Parrish A. E., Price S. A., & Wilson, B. J. (2013). Comparative approaches to studying strategy: Towards an evolutionary account of primate decision-making. *Evolutionary Psychology*, 11, 606-627.
- 2013 Parrish, A. E., Evans, T. E., Perdue, B. M., & Beran, M. J. (2013). Chimpanzees (*Pan troglodytes*) transfer tokens repeatedly with a partner to accumulate rewards in a self-control task. *Animal Cognition*, 16, 627-636.
- 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 Psychology*, 3, Article 492.
- 2012 Beran M. J., & Parrish A. E. (2012). Sequential responding and planning in capuchin monkeys (*Cebus apella*). *Animal Cognition*, 15, 1085-1094.
- 2012 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.
- 2011 Brosnan S. F., Parrish A. E., Beran M. J., Flemming T., Heimbauer L., Talbot C. F., Lambeth S. P., Schapiro S.J., & Wilson B. J. (2011). Responses to the Assurance game in monkeys, apes, and humans using equivalent procedures. *Proceedings of the National Academy of Science*, 108, 3442-3447.

### Book Chapters:

- 2016 Beran, M. J., & Parrish, A. E. (2016). Going for more: Discrete and continuous quantity judgments by nonhuman animals. In A. Henik (Ed.), *Continuous issues in numerical cognition: How many or how much* (pp. 175-192). San Diego: Academic Press.
- 2014 Beran, M. J., Parrish, A. E., & Evans, T. A. (2014). Numerical cognition and quantitative abilities in nonhuman primates. In D. Geary, D. Berch, & K. Mann Koepke (Eds.), *Evolutionary origins and early development of basic number processing*, vol 1 (91-112). Elsevier.
- 2014 Beran, M. J., Parrish, A. E., & Sayers, K. (2014). Planet of the apes?: Yes, it's Earth. [Review of the book *Apes and human evolution*, by R. H. Tuttle]. *PsycCRITIQUES*.
- 2012 Parrish, A. E., & Brosnan, S. F. (2012). Primate cognition. In V.S. Ramachandran (Ed.), *The encyclopedia of human behavior*, vol 3 (174-180). Academic Press.

2012            **Parrish A. E., & Beran M. J. (2012).** Thinking animals: A closed case or an open debate? *Frontiers in Psychology*, 3, Article 250. [Review of the book *Animal thinking: Contemporary issues in comparative cognition*]

## **TEACHING**

### **Instructor of Record:**

#### ***The Citadel, Charleston, SC***

Thesis in Psychology, Graduate College  
Psychometrics (Psychological Testing & Statistics), Graduate College  
Senior Seminar – Comparative Cognition, Undergraduate College  
Learning and Behavior, Undergraduate College  
Experimental Psychology – Research Methods, Undergraduate College  
General Psychology, Undergraduate College

#### ***Georgia State University, Atlanta, GA***

Cognitive Psychology  
Animal Behavior

#### ***Spelman College, Atlanta, GA***

Research Methods Laboratory

### **Guest Lecturer:**

#### ***Georgia State University, Atlanta, GA***

Learning  
Animal Minds  
Psychology of Decision-Making  
Primate Behavior  
Animal Behavior

#### ***Winthrop University, Rock Hill, SC***

Human Physiology, Lab Assistant  
Microbiology, Lab Assistant  
Freshmen Biology Seminar

#### ***Riverbanks Zoo, Columbia, SC***

2007            Internship leading educational programs for elementary children

## **ACADEMIC REVIEW**

### **Editorial Board:**

2014 – pres.    *Frontiers in Comparative Psychology*  
2014 – pres.    *Translational Issues in Psychological Science*  
2016 – 2017    Guest Editor of Special Issue on “Comparative Perception” for  
*Animal Behavior & Cognition*

## **Ad Hoc Reviewing:**

*Animal Behavior*

*Animal Behavior and Cognition*

*Animal Cognition*

*American Journal of Primatology*

*Cognition*

*Developmental Science*

*Frontiers in Comparative Psychology*

*Journal of Comparative Psychology*

*Journal of Experimental Psychology: Animal Behavior Processes*

*PLOS ONE*

## **SCIENCE LEADERSHIP & SERVICE**

- 2013-2014 Co-chair for GSU Cognitive Sciences Hard Data Café Seminar Series
- 2012-2014 Student Representative to the GSU 2CI Hiring Committee
- 2012-2014 APAGS Journal Working Group to establish the new journal, *Translational Issues in Psychological Science*
- 2011-2013 Science Committee Member, APAGS (American Psychological Association of Graduate Students)
- 2011-2013 Grant Review Committee, APAGS Basic Psychological Science Grant/Psi Chi Junior Scientist Fellowship
- 2012 APAGS liaison to the Board of Scientific Affairs – Spring Consolidation Meetings
- 2008-2009 Biology Student Representative to the Dean’s Advisory Council, Winthrop University

## **WORKSHOPS**

- 2012 Experimental Economics Workshop at Chapman University, Orange, CA.

## **PROFESSIONAL SOCIETIES**

- Member, American Society of Primatologists
- Member, Division 3 and Division 6 of APA
- Member, Comparative Cognition Society
- Member, Psychonomic Society
- Member, Southern Society for Philosophy and Psychology
- Member, Southeastern Psychological Association
- Member, Women in Cognitive Science

## PRESENTATIONS

### Invited Presentations

- 2016 Beran, M. J., Perdue, B. M., & **Parrish, A. E.** (2016, August). Chimpanzee cognitive control. Chimpanzees in Context Conference, Chicago, IL.
- 2015 **Parrish, A. E.** (2015, February). Do you see what I see? An investigation of illusions and biases in primates. Hard Data Café, Georgia State University, Atlanta, GA.
- 2015 Beran, M. J., Agrillo, C., & **Parrish, A. E.** (2015, April). Do you (mis)see what I (mis)see? Illusions across primate species. Southern Society for Philosophy and Psychology, New Orleans, LA.
- 2014 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. American Psychological Association, Washington DC.
- 2014 Agrillo, C., **Parrish, A. E.**, & Beran, M. J. (2014, February). Perception of static and motion illusions in non-human primates (*Macaca mulatta*). Southern Society for Philosophy and Psychology, Charleston, SC.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014, March). Context counts! Chimpanzees (*Pan troglodytes*) misperceive food amounts based on presentation style. Southern Society for Philosophy and Psychology, Charleston, SC.
- 2011 **Parrish, A. E.** (2011, March). The investigation of prosocial behavior in a tool task by capuchin monkeys (*Cebus apella*). Hard Data Café, Georgia State University, Atlanta, GA.
- 2010 **Parrish, A. E.** (2010, April). Understanding economic decision making during coordination games in monkeys and apes. Hard Data Café, Georgia State University, Atlanta, GA.

### Conference Presentations: Published Abstracts

- 2016 **Parrish, A. E.**, Kelly, A. J., Perdue, B. M., Love, M., Whitham, W., Luk, P. Y., Kelly, V., & Beran, M. J. Remembering for later: Exploring prospective memory development in preschool children. *Abstracts of the Psychonomic Society, 21*, 199.
- 2016 Beran, M. J., Kelly, A. J., Perdue, B. M., Whitham, W., Love, M., Luk, P., Kelly, V., & **Parrish, A. E.** (2016). Divide and conquer: Preschool children assign the hardest task to a helper. *Abstracts of the Psychonomic Society, 21*, 60.
- 2016 Whitham, W., Beran, M. J., Conway, C. M., James, B., **Parrish, A. E.**, & Washburn, D. A. (2016). Statistical regularities and quantity to humans and rhesus macaques. *Abstracts of the Psychonomic Society, 21*, 173-174.
- 2015 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2015). Do you see what I see? A comparative investigation of the Delbouef illusion in humans and monkeys. *Abstracts of the Psychonomic Society, 20*, 27.



- 2015 Beran, M. J., & **Parrish, A. E.** (2015). Capuchin monkeys (*Cebus apella*) treat small and large numbers of items similarly during relative quantity judgments. *Abstracts of the Psychonomic Society, 20*, 157.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014). Rhesus monkeys fall for the decoy effect in a perceptual discrimination task. *Abstracts of the Psychonomic Society, 19*, 283.
- 2014 Beran, M. J., Evans, T. A., **Parrish, A. E.**, & Perdue, B. M. (2014). Go when you know: Confidence movements by language-trained chimpanzees during computerized testing. *Abstracts of the Psychonomic Society, 19*, 35.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014). Chimpanzees (*Pan troglodytes*) misperceive food quantities in certain contexts. *American Journal of Primatology, 76*, 50.
- 2013 **Parrish, A. E.**, & Beran, M. J. (2013). Visual nesting of stimuli affects rhesus monkeys' (*Macaca mulatta*) quantity judgments in a bisection task. *Abstracts of the Psychonomic Society, 18*, 190-191.
- 2013 Brosnan, S. F., Beran, M. J., Wilson, B. J., & **Parrish, A. E.** (2013). Strategic responding by rhesus monkeys (*Macaca mulatta*) and humans (*Homo sapiens*) to variable simulated opponents in a coordination game. *American Journal of Primatology, 75*, 13.
- 2013 **Parrish, A. E.**, Perdue, B. M., Evans, T. A., & Beran, M. J. (2013). Chimpanzees (*Pan troglodytes*) transfer tokens to accumulate rewards in a self-control task. *American Journal of Primatology, 75*, 42.
- 2011 **Parrish, A. E.** & Brosnan, S. F. (2011). Active tool transfer in a cooperative task by capuchin monkeys (*Cebus apella*). *American Journal of Primatology, 73*, 76.
- 2010 **Parrish, A. E.**, Beran, M. J., Wilson, B., & Brosnan, S. F. (2010). Understanding economic decision making during coordination games in monkeys and apes. *American Journal of Primatology, 72*, 55.

### Conference Oral Presentations

- 2017 **Parrish, A. E.**, Otalora-Garcia, A., & Beran, M. J. (2017, March). Magnitude interference in chimpanzees: When quantity meets quality. Southeastern Psychological Association, Atlanta, GA.
- 2017 **Parrish, A. E.**, & Beran, M. J. (2017, April). Magnitude interference in chimpanzees: When quantity meets quality. Comparative Cognition Society, Melbourne, FL.
- 2016 Beran, M. J., Kelly, A. J., Perdue, B. M., Whitham, W., Love, M., Luk, P., Kelly, V., & **Parrish, A. E.** (2016, November). Divide and conquer: Preschool children assign the hardest task to a helper. Psychonomic Society, Boston, MA.
- 2016 Whitham, W., Beran, M. J., Conway, C. M., James, B., **Parrish, A. E.**, & Washburn, D. A.

(2016, November). Statistical regularities and quantity to humans and rhesus macaques. Fall Meeting of the Comparative Cognition Society, Boston, MA.

- 2016 Agrillo, C., **Parrish, A. E.**, Gori, S., Beran, M. J., Bisazza, A. (2016, November). Optical illusions as a tool to understand visual perception in monkeys and fish. The Trieste Symposium on Perception and Cognition, University of Trieste (Italy).
- 2016 Beran, M. J., Perdue, B. M., & **Parrish, A. E.** (2016, August). Chimpanzee cognitive control. Chimpanzees in Context Conference, Chicago, IL.
- 2016 Agrillo, C., **Parrish, A. E.**, Perdue, B. M., & Beran, M. J. (2016, July). Numerosity illusion in children (*Homo sapiens*) and capuchin monkeys (*Cebus apella*). Cognition and Evolution Conference (CogEvo), Rovereto, Italy.
- 2016 James, B. T., Beran, M. J., & **Parrish, A. E.** (2016, July). Does density influence visual numerical discriminations in chimpanzees (*Pan troglodytes*) and capuchin monkeys (*Cebus apella*)? International Congress of Psychology, Yokohama, Japan.
- 2016 Agrillo, C., **Parrish, A. E.**, Perdue, B. M., & Beran, M. J. (2016, July). Numerosity illusion in children (*Homo sapiens*) and capuchin monkeys (*Cebus apella*). Cognition and Evolution Conference (CogEvo), Rovereto, Italy.
- 2016 Beran, M. J., **Parrish, A. E.**, Futch, S. E., Perdue, B. M., & Smith, J. D. (May, 2016). Information-seeking behavior and confidence judgments by chimpanzees. International Meeting of the Psychonomic Society, Granada, Spain.
- 2016 Beran, M. J., James, B. T., Whitham, W., & **Parrish, A. E.** (2016, April). Chimpanzees can point to small amounts of food to accumulate larger amounts: Reversing the reverse-reward contingency error? International Conference on Comparative Cognition, Melbourne, FL.
- 2016 James, B. T., Beran, M. J., & **Parrish, A. E.** (2016, July). Does density influence visual numerical discriminations in chimpanzees (*Pan troglodytes*) and capuchin monkeys (*Cebus apella*)? Paper presented at the 31<sup>st</sup> meeting of the International Congress of Psychology, Yokohama, Japan.
- 2016 **Parrish, A. E.**, & Beran, M. J. (2016, April). Response competition in monkey magnitude judgments: Size judgments are affected by reward values of stimuli. International Conference on Comparative Cognition, Melbourne, FL.
- 2016 Beran, M. J., **Parrish, A. E.**, Menzel, C. R., Evans, T. A., Futch, S., & Perdue, B. M. (March, 2016). From mazes to my favorite food...later: Self-control, planning and prospective memory in primates. Southern Society for Philosophy and Psychology, Louisville, KY.
- 2015 Beran, M. J., & **Parrish, A. E.** (2015, November). Capuchin monkeys (*Cebus apella*) treat small and large numbers of items similarly during relative quantity judgments. Psychonomic Society, Chicago, IL.

- 2015 **Parrish, A. E.**, Evans, T. A., & Beran, M. J. (2015, April). Rhesus monkeys fall for the decoy effect in a perceptual discrimination task. Southern Society for Philosophy and Psychology, New Orleans, LA.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014, September). Chimpanzees (*Pan troglodytes*) misperceive food quantities in certain contexts. American Society of Primatologists, Decatur, GA.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014, February). Context counts! Chimpanzees (*Pan troglodytes*) misperceive food amounts based on presentation style. Southern Society for Philosophy and Psychology, Charleston, SC.
- 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. Comparative Cognition Meeting, Toronto, Canada
- 2013 Agrillo, C., **Parrish, A. E.**, & Beran, M. J. (2013, September). Zöllner illusion in non-human primates. Italian Psychological Association, Rome, Italy.
- 2013 Beran, M. J., Perdue, B. M., **Parrish, A. E.**, & Evans, T. A. (2013, August). Humans and nonhuman primates show similar skill in estimating uncertain outcomes during quantity judgments. International Ethological Conference and the Association for the Study of Animal Behaviour, Newcastle, UK.
- 2013 **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. American Society of Primatologists, San Juan, Puerto Rico.
- 2013 Brosnan, S. F., Beran, M. J., Wilson, B. J., & **Parrish, A. E.** (2013, June). Strategic responding by rhesus monkeys (*Macaca mulatta*) and humans (*Homo sapiens*) to variable simulated opponents in a coordination game. American Society of Primatologists, San Juan, Puerto Rico
- 2013 Evans, T. A., 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, TX.
- 2013 Beran, M. J., Perdue, B. M., **Parrish, A. E.**, & Evans, T. A. (2013, March). Do social conditions affect capuchin monkeys' estimations during quantity judgments? Southeastern Psychological Association, Atlanta, GA.
- 2012 **Parrish, A. E.**, & Brosnan, S. F. (2012, August). Food sharing in the capuchin monkey (*Cebus apella*). International Primatological Society, Cancun, Mexico.
- 2012 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2012, March). I'll work for you and you work for me: Oh wait, you might not matter. Language Research Center Capuchin Symposium, Atlanta, GA.

- 2011 **Parrish, A. E.** & Brosnan, S. F. (2011, September). Active tool transfer in a cooperative task by capuchin monkeys (*Cebus apella*). American Society of Primatologists, Austin, TX.
- 2010 **Parrish, A. E.**, Beran, M. J., Wilson, B., & Brosnan, S. F. (2011, March). Understanding economic decision making during coordination games in monkeys and apes. Southern Society for Philosophy and Psychology, New Orleans, LA.
- 2010 **Parrish, A. E.** & Chism, J. (2009, April). Utilization of environment by eight different primate species. South Carolina Anthropology Student Conference, Columbia, SC.

### Conference Poster Presentations

- 2017 James, B., Rossettie, M., Smith, T., Otolora-Garcia, A., Beran, M., and **Parrish, A. E.** (2017, April). Do capuchin monkeys (*Cebus apella*) show self-control depletion after food exchange and accumulation tasks? Comparative Cognition Society, Melbourne, FL.
- 2017 Otolora-Garcia, A., Beran, M. J., & **Parrish, A. E.** (2017, March). How chimpanzees deal with conflicting cues during food choice tasks. Southeastern Psychological Association, Atlanta, GA. (faculty sponsor)
- 2017 James, B., Whitham, W., **Parrish, A. E.**, & Beran, M. J. (2017, March). Performance during the reverse-reward task by preschool-aged children. Southeastern Psychological Association, Atlanta, GA.
- 2017 Kelly, V., **Parrish, A. E.**, Kelly, A. J., Perdue, B. M., Love, M., Whitham, W., Luk, P., & Beran, M. J. (2017, March). Prospective memory in children during computerized maze performance. Southeastern Psychological Association, Atlanta, GA.
- 2016 **Parrish, A. E.**, Kelly, A. J., Perdue, B. M., Love, M., Whitham, W., Luk, P. Y., Kelly, V., & Beran, M. J. (2016, November). Remembering for later: Exploring prospective memory development in preschool children. Psychonomics Society, Boston, MA.
- 2016 Whitham, W., Beran, M. J., Conway, C. M., James, B., **Parrish, A. E.**, & Washburn, D. A. (2016, November). Statistical regularities and quantity to humans and rhesus macaques. Psychonomics Society, Boston, MA.
- 2016 Kelly, V. A., **Parrish, A. E.**, Kelly, A. K., Perdue, B. M., Love, M., Whitham, W., Luk, P. Y., & Beran, M. J. (2016, October). Prospective memory in children during computerized maze performance. Psychology Undergraduate Research Conference (PURC) at Georgia State University, Atlanta GA.
- 2016 Otolora-Garcia, A., **Parrish, A. E.**, & Beran, M. J. (2016, October). How chimpanzees (*Pan troglodytes*) deal with conflicting cues during food choice tests. Psychology Undergraduate Research Conference (PURC) at Georgia State University, Atlanta GA.

- 2015 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2015, November). Do you see what I see? A comparative investigation of the Delbouef illusion in humans and monkeys. Psychonomic Society, Chicago, IL.
- 2015 **Parrish, A. E.**, & Beran, M. J. (2015, November). Anchoring effects in monkey magnitude judgments. Society for Judgment and Decision-Making, Chicago, IL.
- 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. Society for Judgment and Decision Making, Chicago, IL.
- 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. Psychology Undergraduate Research Conference (PURC) at Georgia State University, Atlanta, GA.
- 2015 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. Association for Psychological Science, New York, NY.
- 2015 Agrillo, C, **Parrish, A. E.**, & Beran, M. J. (2015, May). Zollner illusion in rhesus monkeys (*Macaca mulatta*). Association for Psychological Science, New York, NY.
- 2014 **Parrish, A. E.**, & Beran, M. J. (2014, August). The Delbouef illusion in food portion judgments by chimpanzees (*Pan troglodytes*). American Psychological Association, Washington, DC.
- 2013 **Parrish, A. E.**, & Beran, M. J. (2013, November). Visual nesting of stimuli affects rhesus monkeys' (*Macaca mulatta*) quantity judgments in a bisection task. Psychonomic Society, Toronto, Canada.
- 2013 **Parrish, A. E.**, & Beran, M. J. (2013, October). The Delbouef illusion in food portion judgments by chimpanzees (*Pan troglodytes*). Association for Consumer Research meeting, Chicago, IL.
- 2013 **Parrish, A. E.**, Brosnan, S. F., Wilson, B. J., & Beran, M. J. (2013, March). Rhesus monkeys strategically respond to variable partner play in a coordination game. Southeastern Psychological Association, Atlanta, GA.
- 2012 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2012, April). I'll work for you and you work for me: Oh wait, you might not matter. Center for Behavioral Neuroscience Symposium, Georgia State University.
- 2012 **Parrish, A. E.**, Brosnan, S. F., & Beran, M. J. (2012, March). I'll work for you and you work for me: Oh wait, you might not matter. Conference on Comparative Cognition, Melbourne, FL.
- 2011 **Parrish, A. E.** & Brosnan, S. F. (2011, October). Active tool transfer in a cooperative task

by capuchin monkeys (*Cebus apella*). US-Japan Prosocial Behavior Workshop, Emory University, Atlanta, GA.

- 2011 **Parrish, A. E.**, Beran, M. J., Wilson, B., & Brosnan, S. F. (2011, April). Understanding economic decision making during coordination games in monkeys and apes. Center for Behavioral Neuroscience Symposium, Georgia State University.
- 2011 **Parrish, A. E.**, Beran, M. J., Wilson, B., & Brosnan, S. F. (2011, March). Understanding economic decision making during coordination games in monkeys and apes. Conference on Comparative Cognition, Melbourne, FL.
- 2010 **Parrish, A. E.**, Beran, M. J., Wilson, B., & Brosnan, S. F. (2010, June). Understanding economic decision making during coordination games in monkeys and apes. American Society of Primatology, Louisville, KY.
- 2009 **Parrish, A. E.**, & Chism, J. (2009, February). Utilization of environment by eight different primate species. Big South Undergrad Research Symposium, Asheville, NC.