

# juliawatzek

curriculum vitae

## contact

Dept of Psychology  
Language Research Ctr  
Georgia St University

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🌐 jwatzek

## languages

german & english  
bilingual · french &  
spanish notions

## coding

</> R · Python · SAS ·  
Matlab · Netlogo ·  $\text{\LaTeX}$   
· Java · XML · HTML ·  
CSS · JavaScript

## education

2018–present	<b>Ph. D. Candidate · Psychology / Cognitive Sciences</b>	Georgia State University
2017	<b>M. A. Psychology / Cognitive Sciences</b>	Georgia State University
2012	<b>B. S. Psychology</b>	Martin Luther University · Germany

## grants & awards

2016–present	<b>Duane M. Rumbaugh Fellowship Grant</b>	Georgia State University
2018	<b>Diversity Travel Award</b>	Animal Behavior Society
2016	<b>Birnbaum Scholarship</b>	Society for Computers in Psychology

## publications

### empirical articles

- [1] Pope SM, Fagot J, Meguerditchian A, **Watzek J**, Lew-Levy S, Autrey MM, Hopkins WD (2019) Optional-switch cognitive flexibility in primates: Chimpanzees' (*Pan troglodytes*) intermediate susceptibility to cognitive set. *J Comp Psychol*. doi:10.1037/com0000194
- [2] Aharoni E, Kleider-Offutt HM, Brosnan SF, **Watzek J** (2019) Justice at any cost? The impact of cost-benefit salience on criminal punishment judgments. *Behav Sci Law* 37:38–60. doi:10.1002/bsl.2388
- [3] **Watzek J**, Whitham W, Washburn DA, Brosnan SF (2018) Responses to modified Monty Hall Dilemmas in capuchin monkeys, rhesus macaques, and humans. *Int J Comp Psychol* 31. <https://escholarship.org/uc/item/1jn0t21r>
- [4] **Watzek J**, Brosnan SF (2018) (Ir)rational choices of humans, rhesus macaques, and capuchin monkeys in dynamic stochastic environments. *Cognition* 178:109–117. doi:10.1016/j.cognition.2018.05.019
- [5] Amici F, Call J, **Watzek J**, Brosnan SF, Aureli F (2018) Social inhibition and behavioural flexibility when the context changes: a comparison across six primate species. *Sci Rep* 8:3067. doi:10.1038/s41598-018-21496-6
- [6] Talbot CF, Parrish A, **Watzek J**, Essler JL, Leverett KL, Paukner A, Brosnan SF (2018) The influence of reward quality and quantity and spatial proximity on the responses to inequity and contrast in capuchin monkeys (*Cebus [Sapajus] apella*). *J Comp Psychol* 132:75–87. doi:10.1037/com0000088
- [7] Suchak M, **Watzek J**, Quarles LF, de Waal FBM (2018) Novice chimpanzees cooperate successfully in the presence of experts, but may have limited understanding of the task. *Anim Cogn* 21:87–98. doi:10.1007/s10071-017-1142-2
- [8] Eppley TM, **Watzek J**, Hall K, Donati G (2017) Climatic, social and reproductive influences on behavioural thermoregulation in a female-dominated lemur. *Anim Behav* 134:25–34. doi:10.1016/j.anbehav.2017.10.003

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- [9] Eppley TM, **Watzek J**, Dausmann KH, Ganzhorn JU, Donati G (2017) Huddling is more important than rest site selection for thermoregulation in southern bamboo lemurs. *Anim Behav* 127:153-161. doi:10.1016/j.anbehav.2017.03.019
- [10] Eppley TM, **Watzek J**, Ganzhorn JU, Donati G (2017) Predator avoidance and dietary fibre predict diurnality in the cathemeral folivore *Hapalemur meridionalis*. *Behav Ecol Sociobiol* 71:4. doi:10.1007/s00265-016-2247-3

## review articles

- [11] Smith MF, **Watzek J**, Brosnan SF (2018) The importance of a truly comparative methodology for comparative psychology. *Int J Comp Psychol* 31. <https://escholarship.org/uc/item/6x91j98x>

## book chapters

- [12] Smith MF, **Watzek J**, Brosnan SF (*in press*) Strategies used by non-human primates in dynamic games. In: Capra CM, Croson R, Rigdon MI, Rosenblat T (eds) *Handbook of Experimental Game Theory*. Edward Elgar Publishing.
- [13] **Watzek J**, Smith MF, Brosnan SF (2018) Comparative economics: Using experimental economic paradigms to understand primate social decision-making. In: di Paolo LD, di Vincenzo F, De Petrillo F (eds) *Evolution of Primate Social Cognition*. Springer, p 129-141. doi:10.1007/978-3-319-93776-2\_9
- [14] **Watzek J**, Brosnan SF (2018) Role-reversal experiment. In: Vonk J, Shackelford T (eds) *Encyclopedia of Animal Cognition and Behavior*. Springer. doi:10.1007/978-3-319-47829-6\_1497-1

## submitted

• group authorship / equal contribution

- **Watzek J**, Pope SM, Brosnan SF (*revised & resubmitted*) Capuchin and rhesus monkeys but not humans show cognitive flexibility in an optional-switch task.
- **Many Primates** • (*revised & resubmitted*) Establishing an infrastructure for collaboration in primate cognition research. [Preprint] doi:10.31234/osf.io/3xu7q
- Campbell MW •, **Watzek J** •, Suchak M, Berman SM, de Waal FBM (*submitted*) Chimpanzees tolerate some degree of inequity while cooperating but refuse to donate effort for nothing.
- Thurman J, Jahedi S, **Watzek J**, Fridlund AJ, Aharoni E (*submitted*) Thinking outside the (ballot) box: Effects of cost framing on simulated voting decisions.

## presentations

### talks

- 2019 “Many Primates: A large-scale collaborative approach to studying primate cognition and behavior.” American Society of Primatologists, Madison, WI.
- 2018 “Cognitive flexibility in humans and captive rhesus macaques (*Macaca mulatta*) and capuchin monkeys (*Cebus [Sapajus] apella*) in a simple problem-solving task.” International Primatological Society, Nairobi, Kenya.
- 2017 “Strategic decision-making in capuchins (*Cebus apella*), rhesus monkeys (*Macaca mulatta*), and humans during a competitive two-player game.” American Society of Primatologists, Washington, DC.
- 2016 “Capuchin monkeys, but neither humans nor rhesus, are ‘irrational maximizers’ in a stochastic environment.” Comparative Cognition Society, Boston, MA.

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- 2015 "Chimpanzees assess potential benefits before investing in a cooperative task." American Society of Primatologists, Bend, OR. [Published abstract] Am J Primatol 77(S1):90. doi:10.1002/ajp.22494
- 2015 "More for me, less for you: Capuchin monkeys' (*Cebus apella*) responses to inequity in a group setting." Animal Behavior Society, Anchorage, AK.
- 2014 "Contextual stability of behaviorally assessed personality traits in two groups of captive chimpanzees (*Pan troglodytes*)." American Society of Primatologists, Decatur, GA. [Published abstract] Am J Primatol 76(S1):79. doi:10.1002/ajp.22382
- 2014 "Navigating pitfalls of researcher/caretaker collaboration." [Invited talk] Georgetown College Seminar: Cognition, Enrichment, and Collaboration, Zoo Atlanta, GA.

### posters

- 2019 "Humans and captive capuchin monkeys (*Cebus [Sapajus] apella*) and rhesus macaques (*Macaca mulatta*) solve the Monty Hall Dilemma in a computerized task." American Society of Primatologists, Madison, WI.
- 2018 "WhatsOb: An Android app for note-taking during behavioral observations." International Primatological Society, Nairobi, Kenya.
- 2018 "Understanding collective defense behavior using agent-based modeling." Animal Behavior Society, Milwaukee, WI.
- 2017 "Justice at all costs? Transparency about the costs of incarceration decreases criminal sentencing recommendations by laypeople." Association for Psychological Science, Boston, MA.
- 2016 "Rational fools: Capuchins but not rhesus monkeys violate transitivity to maximize their gains in stochastic environments." Psychonomic Society, Boston, MA. [Published abstract] Abstracts of the Psychonomic Society 21:172-173
- 2016 "WhatsOb: An Android app for note-taking during behavioral observations." Society for Computers in Psychology, Boston, MA.
- 2016 "Rational fools: Capuchin monkeys' (*Cebus apella*) (ir)rational choices in stochastic environments." International Primatological Society and the American Society of Primatologists, Chicago, IL.
- 2011 "Less is more: Great apes' understanding of probabilities." Regional Conference of Developmental Psychologists, Halle (Saale), Germany.

### departmental talks

- 2016 "Rational fools: (Ir)rational choices of humans, rhesus macaques, and capuchin monkeys in dynamic stochastic environments." Cognitive Sciences Seminar, Georgia State University, Atlanta, GA.
- 2015 "More for me, less for you: Capuchin monkeys' (*Cebus apella*) responses to inequity in a group setting." Cognitive Sciences Seminar, Georgia State University, Atlanta, GA.

### posters by undergraduate mentees

- 2018 Gade PR. "Responses to modified Monty Hall Dilemmas in capuchin monkeys, rhesus macaques, and humans." Psychology Undergraduate Research Conference, Georgia State University, Atlanta, GA.

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- 2017 Le EH, Truscott CG. "Chimpanzees' and capuchin monkeys' responses to inequity in a group setting." Georgia State Undergraduate Research Conference, Georgia State University, Atlanta, GA.  
*\* Best Poster Award (Social and Behavioral Sciences)*
- 2016 Fakhri A, Le EH. "Capuchin monkeys respond to advantageous inequity." Psychology Undergraduate Research Conference, Georgia State University, Atlanta, GA.

## research

- 2018–present **ManyPrimates** manyprimates.github.io  
 Contributor · Project Coordinator (2019–present)
- 2018–present **Herpetology Department** Zoo Atlanta  
 Graduate Student Researcher (PI: Joe Mendelson)
- 2014–present **Language Research Center** Georgia State University  
 CEBUS Lab · Graduate Student Researcher (PI: Sarah Brosnan)
- 2018 **Evolution, Variation, and Ontogeny of Learning Lab** University of Texas at Austin  
 Visiting Research Scholar (PI: Cristine Legare) · Fieldwork Manipur, India
- 2016–2018 **Cooperation, Conflict, & Cognition Lab** Georgia State University  
 Graduate Student Researcher (PI: Eyal Aharoni)
- 2012–2014 **Yerkes National Primate Research Center** Emory University  
 Living Links Center · Lab Manager · Chimpanzee Research Specialist
- 2011–2012 **Inkawu Vervet Project · South Africa** U's of St Andrews, Neuchâtel, Zürich, & Cape Town  
 Field Research Assistant
- 2010–2011 **Wolfgang Köhler Primate Research Center** Zoo Leipzig · Germany  
 Research Assistant · Bachelor Student
- 2010–2011 **Educational Psychology Lab** Martin Luther University · Germany  
 Lab Coordinator
- 2010 **Child & Adolescent Psychiatry & Psychotherapy** St Elisabeth Hospital Halle · Germany  
 Intern
- 2009–2010 **Psychology of Perception Lab** Martin Luther University · Germany  
 Research Assistant
- 2009–2010 **Social Psychology Lab** Martin Luther University · Germany  
 Research Assistant

## ad hoc reviewer

American Journal of Primatology · Biology Letters · Journal of Comparative Psychology

## teaching

### instructor of record

- Spr 2019 **Introduction to Research Design & Analysis** Georgia State University  
 Advanced Undergraduate
- Fall 2017 **Introduction to General Psychology** Georgia State University  
 Undergraduate
- Win 2009 **Introduction to R for Statistics** Martin Luther University · Germany  
 Undergraduate

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## teaching assistant

Sum 2010/12 **Quantitative Methods II**  
Undergraduate

Martin Luther University · Germany

Win 2010 **Quantitative Methods I**  
Undergraduate

Martin Luther University · Germany

## guest lecturer

Spr 2018 **Primate Models of Human Behavior**  
Advanced Undergraduate: Cooperation

Georgia State University

Spr 2018 **Introduction to Research Design & Analysis**  
Advanced Undergraduate: z-Scores

Georgia State University

Fall 2015/16, Spr 2018 **Psychology of Animal Behavior**  
Advanced Undergraduate: Aggression · Cooperation · Comparative  
Economics · Monkey Business: Comparative Economics and  
Decision-Making

Georgia State University

Spr 2014 **Primate Social Psychology**  
Advanced Undergraduate: Social Complexity of Non-Primates

Emory University

## other activities

2018–present **Hard Data Café**  
Cognitive Sciences Seminar Steering Committee

Georgia State University

2014–2015 **Cebus Lab Website**  
Webmaster

Georgia State University

2012–2014 **Living Links Website**  
Webmaster

Emory University

2008–2012 **Martin Luther University**  
Student Representative

2011 **Conference of Experimental Psychologists**  
Conference Assistant

Germany

2011 **Regional Conference of Developmental Psychologists**  
Conference Assistant

Central Germany

2010 **Martin Luther University**  
Electoral Assistant

## outreach

2016, 2017 **Adventure in Science Day**  
Science outreach for children · Atlanta, GA

Fernbank Museum of Natural History

2015, 2017 **Brain Awareness Campaign**  
K-12 classroom visits · Atlanta, GA

Society for Neuroscience

2013 **Nerd Nite**  
Presentation · We are 98 % chimp and 50 % bananas: What apes can teach  
us about our own shortcomings · Atlanta, GA

2012–2014 **Tour Guide**  
Yerkes National Primate Research Center

Emory University

2010–2011 **Tour Guide**  
Wolfgang Köhler Primate Research Center

Zoo Leipzig · Germany