

# juliawatzek

curriculum vitae

## contact

Dept of Psychology  
Language Research Ctr  
Georgia St University

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## 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] **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>
- [2] Aharoni E, Kleider-Offutt HM, Brosnan SF, **Watzek J** (2018) Justice at any cost? The impact of cost-benefit salience on criminal punishment judgments. *Behav Sci Law*. doi:10.1002/bsl.2388
- [3] **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
- [4] 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
- [5] 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
- [6] 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
- [7] 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
- [8] 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
- [9] 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

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## review articles

- [10] 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

- [11] 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.
- [12] **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
- [13] **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

- Pope SM, Fagot J, Meguerditchian A, **Watzek J**, Lew-Levy S, Autrey MM, Hopkins WD (*revised & resubmitted*) Optional-switch cognitive flexibility in primates: Chimpanzees' (*Pan troglodytes*) intermediate susceptibility to cognitive set.
- **Watzek J**, Pope SM, Brosnan SF (*submitted*) Capuchin and rhesus monkeys but not humans show cognitive flexibility in an optional-switch task.
- 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.
- **Many Primates •** (*submitted*) Establishing an infrastructure for collaboration in primate cognition research. [Preprint] doi:10.31234/osf.io/3xu7q • *group authorship*
- 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

- accepted* “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.
- 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

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- 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

- accepted* "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.
- 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)

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2016 Fakhri A, Le EH. "Capuchin monkeys respond to advantageous inequity."  
 Psychology Undergraduate Research Conference, Georgia State University,  
 Atlanta, GA.

## research

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

## ad hoc reviewer

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

## teaching

### instructor of record

Spr 2019	<b>Introduction to Research Design &amp; Analysis</b> Advanced Undergraduate	Georgia State University
Fall 2017	<b>Introduction to General Psychology</b> Undergraduate	Georgia State University
Win 2009	<b>Introduction to R for Statistics</b> Undergraduate	Martin Luther University · Germany

### teaching assistant

Sum 2010/12	<b>Quantitative Methods II</b> Undergraduate	Martin Luther University · Germany
Win 2010	<b>Quantitative Methods I</b> Undergraduate	Martin Luther University · Germany

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## guest lecturer

Spr 2018	<b>Primate Models of Human Behavior</b> Advanced Undergraduate: Cooperation	Georgia State University
Spr 2018	<b>Introduction to Research Design &amp; Analysis</b> Advanced Undergraduate: z-Scores	Georgia State University
Fall 2015/16, Spr 2018	<b>Psychology of Animal Behavior</b> Advanced Undergraduate: Aggression · Cooperation · Comparative Economics · Monkey Business: Comparative Economics and Decision-Making	Georgia State University
Spr 2014	<b>Primate Social Psychology</b> Advanced Undergraduate: Social Complexity of Non-Primates	Emory University

## other activities

2018–present	<b>ManyPrimates</b> Contributor · Project Coordinator (2019–present)	manyprimates.github.io
2018–present	<b>Hard Data Café</b> Cognitive Sciences Seminar Steering Committee	Georgia State University
2014–2015	<b>Cebus Lab Website</b> Webmaster	Georgia State University
2012–2014	<b>Living Links Website</b> Webmaster	Emory University
2008–2012	<b>Martin Luther University</b> Student Representative	
2011	<b>Conference of Experimental Psychologists</b> Conference Assistant	Germany
2011	<b>Regional Conference of Developmental Psychologists</b> Conference Assistant	Central Germany
2010	<b>Martin Luther University</b> Electoral Assistant	

## outreach

2016, 2017	<b>Adventure in Science Day</b> Science outreach for children · Atlanta, GA	Fernbank Museum of Natural History
2015, 2017	<b>Brain Awareness Campaign</b> K-12 classroom visits · Atlanta, GA	Society for Neuroscience
2013	<b>Nerd Nite</b> Presentation · We are 98 % chimp and 50 % bananas: What apes can teach us about our own shortcomings · Atlanta, GA	
2012–2014	<b>Tour Guide</b> Yerkes National Primate Research Center	Emory University
2010–2011	<b>Tour Guide</b> Wolfgang Köhler Primate Research Center	Zoo Leipzig · Germany