

juliawatzek

curriculum vitae

contact

Dept of Psychology
Language Research Ctr
Georgia St University

j.watzek@gmail.com
+1 (404) 840-6838

🏠 juliawatzek.com
🐦 @watzoever
🔗 jwatzek

languages

german & english
bilingual · french &
spanish notions

coding

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

education

2018–present **Ph. D. Candidate · Psychology / Cognitive Sciences**

Georgia State University

2017 **M. A. Psychology / Cognitive Sciences**

Georgia State University

2012 **B. S. Psychology**

Martin Luther University · Germany

grants & awards

2016–present **Duane M. Rumbaugh Fellowship Grant**

Georgia State University

2018 **Diversity Travel Award**

Animal Behavior Society

2016 **Birnbaum Scholarship**

Society for Computers in Psychology

publications

empirical articles

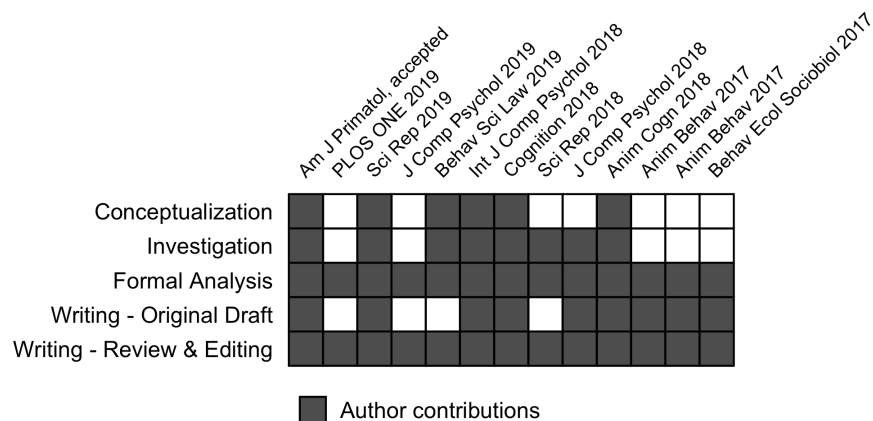
* group authorship * equal contribution

- [1] Campbell MW*, **Watzek J***, Suchak M, Berman SM, de Waal FBM (*accepted pending minor revisions*) Chimpanzees (*Pan troglodytes*) tolerate some degree of inequity while cooperating but refuse to donate effort for nothing.
Am J Primatol.
- [2] Many Primates • [31 authors] (2019) Establishing an infrastructure for collaboration in primate cognition research.
PLOS ONE 14:e0223675. ↗
- [3] **Watzek J**, Pope SM, Brosnan SF (2019) Capuchin and rhesus monkeys but not humans show cognitive flexibility in an optional-switch task.
Sci Rep 9:13195. ↗
- [4] 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. Advance Online Publication ↗
- [5] 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. ↗
- [6] **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. ↗
- [7] **Watzek J**, Brosnan SF (2018) (Ir)rational choices of humans, rhesus macaques, and capuchin monkeys in dynamic stochastic environments.
Cognition 178:109–117. ↗
- [8] 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. ↗

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- [9] 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. ↗
- [10] 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. ↗
- [11] 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. ↗
- [12] 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. ↗
- [13] 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. ↗



review articles

- [14] Smith MF, **Watzek J**, Brosnan SF (2018) The importance of a truly comparative methodology for comparative psychology. *Int J Comp Psychol* 31. ↗

book chapters

- [15] 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.
- [16] **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. ↗
- [17] **Watzek J**, Brosnan SF (2018) Role-reversal experiment. In: Vonk J, Shackelford T (eds) *Encyclopedia of Animal Cognition and Behavior*. Springer. ↗

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submitted

- **Watzek J**, Hauber ME, Jack KM, Murrell JR, Tecot SR, Brosnan SF (*submitted*) The origins of collective decision-making: Insights into collective defense behavior from agent-based modeling.
- Many Primates • [18 authors] (*submitted*) Collaborative open science as a way to reproducibility and new insights in primate cognition research. [Preprint] ↗
- Aharoni E, Thurman J, Jahedi S, **Watzek J**, Fridlund AJ (*submitted*) Thinking outside the (ballot) box: Effects of cost framing on simulated voting decisions.
- Cooper T ★, Zabinski CL ★, [& 10 others] (*submitted*) Long-term memory of a complex foraging task in squamate reptiles (Reptilia: Squamata: Varanidae).

presentations

talks

- 2019 “Monkeys don’t always follow the rules and neither should we: A comparative approach to studying cognitive flexibility.” South Eastern Evolution and Human Behavior, Stone Mountain, GA.
- 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. [Published abstract] Am J Primatol 80(S1):39. ↗
- 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. ↗
- 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. ↗
- 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.

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- 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)
- 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 · Thesis Student
- 2010–2011 **Educational Psychology Lab** Martin Luther University · Germany
 Lab Coordinator

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|-----------|--|---------------------------------------|
| 2010 | Child & Adolescent Psychiatry & Psychotherapy Intern | St Elisabeth Hospital Halle · Germany |
| 2009–2010 | Psychology of Perception Lab Research Assistant | Martin Luther University · Germany |
| 2009–2010 | Social Psychology Lab Research Assistant | Martin Luther University · Germany |

teaching

instructor of record

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

teaching assistant

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|-------------|---|------------------------------------|
| Sum 2010/12 | Quantitative Methods II Undergraduate | Martin Luther University · Germany |
| Win 2010 | Quantitative Methods I Undergraduate | Martin Luther University · Germany |

guest lecturer

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|---------------------------|---|--------------------------|
| 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 |

ad hoc reviewer

Am J Primatol · Biol Lett · J Comp Psychol · PLOS ONE

professional societies

American Society of Primatologists · Animal Behavior Society · APA Division 3: Society for Experimental Psychology and Cognitive Science · APA Division 6: Society for Behavioral Neuroscience and Comparative Psychology · Comparative Cognition Society · International Primatological Society · Psychonomic Society

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other activities

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|--------------|---|--------------------------|
| 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

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| 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 |

selected media coverage

My research has also been covered in other languages, including Chinese, Dutch, French, German, Italian, Norwegian, Portuguese, Russian, and Spanish.

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| Dec 2019 | Psychology Today ↗ “3 ways to improve your cognitive flexibility” |
| Oct 2019 | idw Informationsdienst Wissenschaft (scientific information service) ↗ “Leipzig primate researchers initiate global collaboration” |
| Oct 2019 | Global News Radio [Radio] ON Point with Alex Pierson |
| Oct 2019 | IFLScience ↗ “Brainy monkeys outsmart humans in cognitive flexibility experiment” |
| Oct 2019 | ScienceDaily ↗ “Monkeys outperform humans when it comes to cognitive flexibility” |
| Oct 2019 | Live Science ↗ “Game over: These monkeys just crushed humans on a computer game” |

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| Oct 2019 | Daily Mail ↗ “Monkeys OUTSMART humans in problem solving exercise to win food in test of cognitive flexibility” |
| Oct 2019 | Daily Star ↗ “Monkeys beat humans at computer game in groundbreaking intelligence study” |
| Jun 2019 | Science Trends ↗ “Lemurs groom high-ranking females in order to gain thermoregulatory benefits” |
| Jan 2019 | Georgia Public Broadcasting (GPB) Radio News ↗ “Lock ‘em up at any cost? Ga. study suggests most wouldn’t” |
| Jan 2019 | Phys.org ↗ “People likely to temper criminal sentences when given information about the cost of incarceration” |