

JEFFREY J. BERG

Washington University in St. Louis
6220 Northwood Avenue #19 • St. Louis, MO 63105
(847) 533-7651 • bergjj@wustl.edu

EDUCATION

- B.A.** *Carleton College*, Northfield, MN
- *Magna Cum Laude* (GPA: 3.85)
 - Majors in Cognitive Science (with *Distinction*) and Political Science (with *Distinction*)
 - Cognitive Science Thesis: *A Bat and a Ball and a Ballot - Proposing a Cognitive Foundation for Partisan Ambivalence*
 - Political Science Thesis: *Fear and Loathing in Foreign Policy - Examining the Influence of Emotion on Crisis Response*

EMPLOYMENT

- Research Technician II**, Memory and Cognition Lab, Washington University in St. Louis Dec 2014—Present
- *PI*: Dr. Kathleen McDermott
 - Completed graduate-level coursework (Functional Neuroimaging Methods)
 - Created Python-based scripts to display experimental stimuli and record/clean resulting data
 - Executed behavioral and fMRI data collection, preprocessing, and analysis
 - Managed laboratory logistics (e.g., IRB coordination, equipment purchases, reimbursements, participant recruitment and scheduling)
 - Operated 3T MRI scanner (Siemens MAGNETOM Trio, A Tim System)
 - Performed neuropsychological testing on research participants (e.g., KBIT-2, NIH Toolbox)
 - Aided fMRI data collection for ultra-high resolution mapping of functional brain networks in individuals (~75 hours of scan time)
 - Assisted in behavioral and fMRI data collection on two individuals with highly superior memory abilities
 - Conducted two online studies in order to interrogate the psychometric properties of a novel Lithuanian-English word pair learning paradigm
 - Explored the intra-individual reliability of visual perspective during “mental time travel”
 - Investigated the “levels of processing” effect in parietal cortex using fMRI
- Research Technician I**, Memory and Cognition Lab, Washington University in St. Louis July 2014—Dec 2014
- Lab Assistant**, Language and Cognition Lab, Carleton College Mar 2014—June 2014
- *PI*: Dr. Mija Van Der Wege
 - Conducted eye-tracking research on conversational common ground
- Lab Assistant**, Perception Lab, Carleton College Sept 2013—June 2014
- *PI*: Dr. Julia Strand
 - Conducted eye-tracking research on the role of grammatical context in spoken word recognition
- Prefect (Teaching Assistant)**, Department of Political Science, Carleton College Sept 2013—June 2014
- Methods of Political Research
 - Assisted students in their comprehension of qualitative and quantitative approaches to political science research (using R and Stata)

EMPLOYMENT (CONT.)

- Visiting Research Fellow**, Institute of Political Science, University of Zürich June 2013—Aug 2013
- *Advisor*: Dr. Marco Steenbergen
 - Awarded ThinkSwiss research grant
 - Examined the methodological integrity of different measures of partisan ambivalence
 - Utilized principal components analysis to reveal latent elements of social attitudes
- Intern**, Inter-university Consortium for Political and Social Research (ICPSR) June 2012—Aug 2012
- Funded by NSF Research for Undergraduates (REU) grant (# 1062317)
 - Conducted original research on the impact of wartime environments on American political participation
 - Completed graduate-level coursework (Regression Analysis I and Regression Analysis II) at the ICPSR Summer Program in Quantitative Methods of Social Research
 - Prepared data for release to public and ICPSR member institutions; flagged or corrected potential errors in the data, and reviewed data for confidentiality risks
- Research Assistant**, Department of Political Science, Carleton College June 2011—May 2013
- *Advisor*: Dr. Barbara Allen
 - Collaborated on large-scale, in-depth investigation of the verbal and non-verbal content of political advertising during the 2008 US election cycle
 - Conducted eye-tracking research on the perception of political advertisements
 - Assisted on experimental research regarding the relationship between political sophistication and physiological responses to political stimuli

PUBLICATIONS

Berg, J. J., & McDermott, K. B. (in prep). The reliability of visual perspective during mental time travel.

Strand, J., Simenstad, A., **Berg, J. J.**, & Slote, J. (in prep). Grammatical context restricts which lexical candidates are activated during spoken word recognition.

McDermott, K. B., Wooldridge, C., Rice, H. J., **Berg, J. J.**, & Szpunar, K. K. (2015). Visual perspective in remembering and episodic future thought. *The Quarterly Journal of Experimental Psychology*. Advance online publication. doi:10.1080/17470218.2015.1067237

CONFERENCE PRESENTATIONS

Berg, J. J., Allen, B., & Stevens, D. P. (2016). *Seeing and hearing the truth? The interaction of non-verbal content and misinformation in political advertisements*. Paper to be presented at annual Midwest Political Science Association conference, Chicago, IL.

Berg, J. J., Allen, B., & Stevens, D. P. (2015). *All the sights and sounds: Audiovisual aspects of political advertisements during the 2008 US presidential campaign*. Presented paper at annual American Political Science Association conference, San Francisco, CA.

Strand, J., Simenstad, A., **Berg, J. J.**, & Slote, J. (2014). *Grammatical context restricts lexical activation in early stages of spoken word recognition*. Presented poster at annual Psychonomic Society conference, Long Beach, CA.

Allen, B., **Berg, J. J.**, & Stevens, D. P. (2014). *(Mis)information and the electorate: The dynamics and individual-level effects of political advertising claims*. Presented paper at annual American Political Science Association conference, Washington, DC.

CONFERENCE PRESENTATIONS (CONT.)

Berg, J. J., Allen, B., & Stevens, D. P. (2014). *(Mis)information and the electorate: How political ads' claims influence political knowledge and turnout.* Presented paper at annual Midwest Political Science Association conference, Chicago, IL.

Berg, J. J. (2014). *Fear and loathing in foreign policy: Examining the influence of emotion on crisis response.* Presented poster at annual Midwest Political Science Association conference, Chicago, IL.
• Nominated for the Best Undergraduate Poster Award

Berg, J. J., & Koza, K. (2014). *'Til death do us participate: The impact of mortality salience on feelings of civic duty and participatory intentions.* Presented poster at annual Midwest Political Science Association conference, Chicago, IL.

Berg, J. J., Slote, J., Simenstad, A., & Strand, J. (2014). *Taking a look at nouns and verbs: Grammatical context restricts lexical competition in real time.* Presented poster at annual Minnesota Undergraduate Psychology Conference, St. Paul, MN.

Berg, J. J. (2013). *Politics: A continuation of war by other means?* Presented poster at annual Midwest Political Science Association conference, Chicago, IL.

Berg, J. J. (2012). *Politics: A continuation of war by other means?* Presented poster at annual Minnesota Political Science Association conference, Minneapolis, MN.

OTHER PRESENTATIONS

Berg, J. J. (2014). *A bat and a ball and a ballot: Proposing a cognitive foundation for partisan ambivalence.* Presented talk for distinction on undergraduate thesis at Carleton College, Northfield, MN.

Berg, J. J. (2014). *Fear and loathing in foreign policy: Examining the influence of emotion on crisis response.* Presented talk for distinction on undergraduate thesis at Carleton College, Northfield, MN.

Berg, J. J. (2014). *Taking a look at grammatical context.* Presented talk at Carleton College Sigma Xi Chapter Initiation, Northfield, MN.

AWARDS AND HONORS

Phi Beta Kappa (Carleton College)	2014
Roy O. Elveton Prize (Carleton College)	2014
• Awarded for best undergraduate thesis in Cognitive Science	
Distinction for Cognitive Science Senior Thesis (Carleton College)	2014
Distinction for Political Science Senior Thesis (Carleton College)	2014
Sigma Xi (Carleton College)	2014
Dean's List (Carleton College)	2013
ThinkSwiss Research Scholarship (The Swiss Confederation)	2013
• Awarded 2,625 CHF (~\$2,800) for research stay at the University of Zürich	
Internship Endowment Scholarship (Carleton College)	2013
• Awarded \$4,500 for research stay at the University of Zürich	

AWARDS AND HONORS (CONT.)

Writing Portfolio Award (Carleton College)	2012
• Awarded <i>exemplary</i> rating, given out to top 8% of writing portfolios per class year	
Humanities Center Student Research Assistant Award (Carleton College)	2011
• Awarded \$500 to conduct research on political campaign advertisements	

TECHNICAL PROFICIENCIES

Python, R, SPSS, and Stata
PsychoPy
FIDL (functional neuroimaging analysis software)
Tobii X2 Eye Tracker and Tobii Studio
PowerLab 15T and LabChart

EXTRACURRICULAR ACTIVITIES

Captain , Men's Varsity Golf Team, Carleton College	Aug 2013—June 2014
Member , Men's Varsity Golf Team, Carleton College	Aug 2010—June 2014
Member , Men's Club Hockey Team, Carleton College	Sep 2011—June 2014

REFERENCES

Dr. Barbara Allen

- Professor, Department of Political Science, Carleton College
- ballen@carleton.edu
- (507) 222-4084

Dr. Nico Dosenbach

- Assistant Professor, Department of Neurology, Washington University in St. Louis
- dosenbachn@neuro.wustl.edu
- (314) 454-6006

Dr. Kathleen Galotti

- William H. Laird Professor of Cognitive Science, Carleton College
- Director, Department of Cognitive Science, Carleton College
- kgalotti@carleton.edu
- (507) 222-4376

Dr. Kathleen McDermott

- Professor, Department of Psychology, Washington University in St. Louis
- kathleen.mcdermott@wustl.edu
- (314) 935-8743

Dr. Julia Strand

- Assistant Professor, Department of Psychology, Carleton College
- jstrand@carleton.edu
- (507) 222-5637