

Douglas Getty**Curriculum Vitae**

University of Pittsburgh | Learning Research & Development Center
 3939 O'Hara Street Pittsburgh, PA 15260
 doug.getty@pitt.edu | douggetty34@gmail.com

Education

- 2018 - Present **University of Pittsburgh**, Pittsburgh, PA
 Cognitive Psychology, PhD Program
 Advisor: Scott Fraundorf, PhD
- 2012 - 2016 **Westminster College**, Salt Lake City, Utah
 B.S. Psychology, emphasis in Brain & Behavior
 Applied Mathematics Minor
 Honors Program Minor
 Cum Laude
- Thesis: *Cognitive Style and Information Recoding using ERP analysis*
 Advisors: Lesa Ellis, PhD and Jen Simonds, PhD

Research Experience

- 2016 - 2018 Research Associate, On-road study lead
 University of Utah Center for Driving Safety & Technology
 Supervisor: David Strayer, PhD & Joel Cooper, PhD
- 2013 - 2016 Lab Manager and Research Assistant
 Westminster Interdisciplinary Neuroscience Lab
 Supervisors: Lesa Ellis, PhD and Russell Costa, PhD
- 2015-2016 Student Statistics Consultant
 Westminster Quantitative Analysis and Research Co-op (QUARC)

Publications

- Motzkus, C. J., **Getty, D. J.**, Campos, A., Cooper, J. M., Biondi, F., & Strayer, D. L. (In Press).
 Reevaluating the DRT for Concurrently Measuring Cognitive and Visual Demand.
Human factors.
- Strayer, D. L., Cooper, J. M., McCarty, M. M., **Getty, D. J.**, Wheatley, C. L., Campos, A.,
 Motzkus, C., McKenzie, K., Loveless, S. M., Esplin, J., & Goethe, R. M. (2018). Visual
 and cognitive demands of using Apple's CarPlay, Google's Android Auto, and five
 different OEM infotainment systems. *Washington, DC: AAA Foundation for Traffic
 Safety*.
- Getty, D. J.**, Biondi, F., Morgan, S. D., Cooper, J. M., Strayer, D. L. (2018). The Effects of
 Voice System Design Components on Driver Workload. *Transportation Research
 Record: Journal of the Transportation Research Board*.

- Biondi, F., **Getty, D. J.**, McCarty, M. M., Goethe, R. J., Cooper, J. M., Strayer, D. L. (2018). The Challenge of ADAS Assessment: A Scale for the Assessment of the HMI of Advanced Driver Assistance Technology. *Transportation Research Record: Journal of the Transportation Research Board*.
- Strayer, D. L., Cooper, J. M., Goethe, R. M., McCarty, M. M., **Getty, D. J.**, & Biondi, F. (2017). Visual and Cognitive Demands of Using In-Vehicle Infotainment Systems. *Washington, DC: AAA Foundation for Traffic Safety*.
- Knaeble, B., Chan, J., Costa, R., McLean, K., **Getty, D. J.**, Rampearee, R. (2017). Student's t Test and Scientific Reproducibility. *The Journal of the Utah Academy of Arts, Sciences, and Letters*, 93, 37-53.

Book Chapters

- Strayer, D. L., **Getty, D. J.**, Biondi, F., & Cooper, J. S. (In Press). The Multitasking Motorist and the Attention Economy. In S. M. Lane and P. Atchley (Eds). *The Attention Economy*. APA Press.

Conference Presentations

- Getty, D.**, Biondi, F., Morgan, S. D., Cooper, J. M., Strayer, D. L. (2018, January). The Effects of Voice System Design Components on Driver Workload. Presented at the *Transportation Review Board 2018* annual meeting, Washington, D.C.
- Biondi, F., Goethe, R. M., McCarty, M. M., **Getty, D.**, Cooper, J. M., Strayer, D. L. (2018, January). The Challenge of ADAS Assessment: A Scale for the Assessment of the HMI of Advanced Driver Assistance Technology. Presented at the *Transportation Review Board 2018* annual meeting, Washington, D.C.
- Chan, J., Knaeble, B., Costa, R., McLean, K., **Getty, D.**, Rampearee, R. (2016, March). Student's t Test and Scientific Reproducibility. Presented at the *Utah Academy of Arts, Sciences, and Letters* annual meeting, Salt Lake City, UT.
- Getty, D.** (2015, September). Cognitive Style and Information Recoding. In B. Kleba, B. Avery, R. Hyde (Coordinators). *Westminster Summer Undergraduate Research Symposium*. Talk conducted from Westminster College, Salt Lake City, UT.
- Ellis, L. K., Cohen, B., Nu, C.S., Zweifel, H., **Getty, D.**, & Costa, R.E. (2015, March). Enhanced Neural Processing of Emotional Stimuli in Late Adolescence vs. Adulthood. Presented at the *Cognitive Neuroscience Society* annual meeting, San Francisco, CA.
- Nu, C. S., **Getty, D.**, et al. (2014, April). The Influence of Natural and Urban Environments on Attentional Processing of Emotional Stimuli. Presented at the *Rocky Mountain Psychological Association* annual meeting, Salt Lake City, UT.
- Getty, D.** (2014, October). Cognitive Style and Information Recoding. In T. Dolan (Coordinator). *Westminster Summer Undergraduate Research Symposium*. Talk conducted from Westminster College, Salt Lake City, UT.
- Alves, J., **Getty, D.**, et al. (2014, April). The effects of chronic sleep deprivation on attentional and emotional processing. Presented at the *Rocky Mountain Psychological Association* annual meeting, Salt Lake City, UT.

Other Talks & Presentations

McCarty, M., Getty, D. (2017, October). Distraction Potential of In-Vehicle Information Systems. Presented at the *University of Utah Department of Psychology Brown Bag*, Salt Lake City, UT.

Teaching Experience

2015 *Teaching Assistant*, Elementary Statistics
Westminster Mathematics Department

Provided feedback weekly on student assignments in R Markdown

2014 - 2015 *Teaching Assistant*, Intro to Psychology
Westminster Psychology Department

Managed course grade sheets • generate course materials • provided feedback on student research projects • hybrid competency-based education style classroom

2014 – 2016 *Tutor*, Intro to Brain and Behavior & Intro to Psychology
Westminster START Center

Taught students core class concepts in groups or one-on-one • suggested study strategies to aid with self-directed learning

Grants and Awards

2016 Research Honors, Meldrum Science Center—Westminster College

2016 Psychology Outstanding Graduate Award—Westminster College

2015 Gore Summer Research Grant—Westminster College

2014 Gore Summer Research Grant—Westminster College

2014 - 2015 Take Action Grant—Westminster College

2013 - 2014 Take Action Grant—Westminster College

Technology Skills

Proficient with: R Statistical Software, SPSS, E-Prime 2.0, EGI Hydrocel EEG net repair, and MS Office Suite

Experience with: Matlab, EGI Net Station, and BioTrace biofeedback software

Updated August 21st, 2018