

Michael J. Lundie, M.A.

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EDUCATION

- 2017 - Ph.D. Candidate, The University of Texas, Dallas, TX, Cognition and Neuroscience Program
- 2015-2017 M.A., Neurophilosophy, Georgia State University, Atlanta, GA
- 2010-2013 B.A., Philosophy (departmental distinction), History (minor), *Summa cum Laude*, *Honors in the Liberal Arts*, Southern Methodist University, Dallas, TX

PUBLICATIONS

Articles in refereed journals:

1. Lundie, M. (2019). Systemic functional adaptedness and domain-general cognition: broadening the scope of evolutionary psychology. *Biology & Philosophy* 34(8).
2. Krawczyk, D., Han, K., Martinez, D., Rakic, J., Kmiecik, M., Chang, Z., Nguyen, L., **Lundie, M.**, Cole, R., Nagele, M., Didehbani, N. (2019). Executive function training in chronic traumatic brain injury patients: study protocol. *Trials* 20(435).

Manuscripts in preparation:

1. Lundie, M., Dasara, H., & Krawczyk, D. (under review). High-definition transcranial direct current stimulation over the left frontopolar cortex promotes analogical reasoning.
2. Lundie, M., Kazmi, M. A., Dasara, H., & Krawczyk, D. (in preparation). Left frontopolar HD-tDCS stimulation promotes context sensitivity.

CONFERENCE PRESENTATIONS

1. Kim, L. M., **Lundie, M.**, Kmieciak, M. J., Dasara, H., & Krawczyk, D. C. (2020, April). *A Nudge of Norepinephrine: Investigating Salivary Alpha Amylase as a Biomarker of tDCS - Augmented Decision Making*. Poster presented at the annual Cognitive Neuroscience Society (CNS) conference, (hosted online) Boston, MA.
2. **Lundie, M.**, Kim, L., Dasara, H., Balloun, B., Beeghly, C., & Krawczyk, D. (2020, February). *Using tDCS to investigate left and right dorsolateral prefrontal cortex asymmetries in judgement and decision making*. Poster presented at the annual Society for Personality and Social Psychology (SPSP) conference, New Orleans, LA.
3. **Lundie M.**, Dasara H., Kazmi A., Beeghly C., Krawczyk D. (2019, Feb). *The Effect of HD-tDCS on Framing Effect Susceptibility and Analogical Reasoning*. Poster presented at the annual Society for Personality and Social Psychology (SPSP) conference, Portland, OR.
4. **Lundie M.**, Chang Z., Kmieciak M., Martinez D., Cole, R.,...Krawczyk D. (2018, Oct). *Preliminary data on virtual game-based interventions that improve cognitive function in traumatic brain injury (TBI) population*. Poster presented at annual Cognitive Neuroscience Retreat, Dallas, TX.
5. **Lundie, M.** (2016, Aug) *Chemical Love: A Defense of Wide-Scope Use of Anti-Love Biotechnology*. Paper presented at annual meeting of the Rocky Mountain Ethics Congress, Boulder, CO.
6. **Lundie M.** (2016, June) *Chemical Love: A Defense of Wide-Scope Use of Anti-Love Biotechnology*. Poster presented at annual meeting of the Society for Philosophy and Psychology (SPP), Austin, TX.

RESEARCH EXPERIENCE

- 2017- Project Manager and Researcher
Reasoning Lab at the University of Texas at Dallas
- Administrate research projects, coordinating personnel activities relating to the development of protocols for data collection and analysis
- 2016-2017 Apprenticeship
Language Research Center, (PI: David Washburn, Ph.D.)
College of Arts and Sciences, Georgia State University, Atlanta, GA

PROFESSIONAL SERVICE

Journals Refereed:

Animal Behavior & Cognition / Biology & Philosophy

Invited Talks

1. "Promoting creative problem solving via HD-tDCS stimulation of the left frontopolar cortex" (2020, Oct) Psychology Lecture Series, UT Dallas, Richardson, TX.
2. "Cognitive Biases (and what to do about them)" (2019, Nov) Naveen Jindal School of Management, UT Dallas, Richardson, TX.
3. "Framing Effects and Cognitive Biases" (2019, Nov) presented to Tolleson Wealth Management, Nasher Sculpture Garden, Dallas, TX.
4. "The Neuroscience of Creative Problem-Solving" (2019, June) keynote speaker at *Sips and Science*, Brain Performance Institute, Dallas, TX.
5. "Creative Problem-Solving" (2019, March) presented in collaboration with *Dallas Morning News* at *Science in the City*, Brain Performance Institute, Dallas, TX.

HONORS & AWARDS

1. Received the *Dianne Cash Research Fellowship* conferring an award of \$2,500 to support academic and research goals, 2020
2. Acquired competitive grant valued at \$20,000 and earned *Friends of BrainHealth Distinguished New Scientist* for a project proposing a groundbreaking new approach to studying brain injuries, 2019
3. Only undergraduate student to receive both the *Hoskins Essay Award* and the *Hausman Award for Excellence in the History of Western Philosophy*, 2013
4. Received *Richter International Fellowship* to complete research on Philosophy during the Age of Enlightenment in France (SMU-in-Paris Study Abroad Program), 2011
5. Received *Emerging Scholar Award for Academic Excellence* separately in Biology and Speech, 2010
6. Earned the *North Texas Academic Full-Tuition Scholarship* to complete undergraduate studies at Southern Methodist University, 2010

AFFILIATIONS

Phi Beta Kappa / Robert S. Hyer Honor Society / Cognitive Neuroscience Society / Society for Personality and Social Psychology / Society for Philosophy and Psychology

TEACHING EXPERIENCE

- 2017-2018 Experimental Projects in Cognitive Science (CGS 3340)
Graduate Teaching Assistant; The University of Texas at Dallas
- 2016-2017 Critical Thinking (PHIL 1010)
Instructor; Georgia State University
- 2015-2016 Critical Thinking (PHIL 1010)
Supplemental Instruction Leader; Georgia State University
- 2013-2015 Dallas-Fort Worth Corps Member, Teach For America, Americorps
- 2013-2015 Educator, Life School: Oak Cliff Campus, Dallas, TX
Dallas ISD Certified GEN ED 4-8 Teacher