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SUMMARY

After 10 years of research experience (including graduate training), I have developed a strong background in research and analytics. I have designed both experimental and observational studies, utilizing largely quantitative methods for examining a variety of outcomes related to human behavior and perceptions. Statistical techniques that I have used for analyzing data include, but are not limited to ANOVA, linear regression, structural equation modelling, and path analysis, as well as some recent machine learning experience. Moreover, I have learned to organize and analyze data using many different programs, including SPSS, MPlus, Amos, MatLab, and R. Additionally, I have experience with several programming languages, including SQL, javascript, HTML, CSS, and some Python. I also have a great deal of experience using Microsoft Office products (Word, PowerPoint, Excel), including writing and using macros and field codes.

MOST RELEVANT WORK EXPERIENCE

Data Analyst II, Center for Neurosciences and Spine, Virginia Mason Franciscan Health (October 2020-present): *I contribute to study design, plan analysis and data collection strategies for non-clinical projects, manage databases (e.g., keeping the complex spine database up to date and keeping stakeholders informed about progress), help with IRB submissions, write parts of manuscripts, contribute to conference abstract preparation and submission, and do the majority of statistical analysis for the research center.*

Research Associate, College of Human Medicine, Division of Public Health, Michigan State University (February 2019-August 2020): *I organized materials and hypotheses for experimental and correlational research studies, analyzed data, and wrote manuscripts. I made frequent use of MTurk and Qualtrics online survey platforms. I also made frequent use of R, SPSS, and MPlus statistics programs in my data analysis.*

Research Associate in the Dance Research Lab, Department of Child & Youth Studies, Brock University (September 2018-December 2018): *I organized materials and hypotheses for experimental and correlational research studies, analyzed data, and wrote manuscripts. I was also responsible for setting up and maintaining our online and in-person data collection protocols. I made frequent use of MTurk and Qualtrics online survey platforms. I also made frequent use of R, SPSS, Amos, and MPlus statistics programs in my data analysis.*

Program Development for Retention Grant, Department of Psychology, Brock University (September 2017-April 2018): *I developed and updated online teaching resources based on student feedback. Using html, CSS, and javascript, I created a series of online practice tasks that students could use to study for the statistics course. Each task automatically generated a unique question each time the page was loaded, checked students' answers, and provided solutions when students were stuck. I was also able to use the results of subsequent exams and the record of students' use of the tasks to determine that the online resources did improve students' exam grades. I eventually uploaded all of the tasks to a website so that they were more accessible to students (<https://statisticspractice.ca>).*

DATA ANALYSIS EXPERIENCE

- Experience with database management using SQL, Excel, and REDCap
- I have frequently used the following data analysis programs: SPSS, MPlus, Amos, R, MatLab, Microsoft Excel
- Examples of techniques I have used: Regression (including logistic regression), ANOVA, MANOVA, ANCOVA, MANCOVA, Path Analysis (including logit and probit modelling techniques), Structural Equation Modelling, Principal Components Analysis, Factor Analysis (exploratory and confirmatory), Correlation (including Poisson, Pearson, and Spearman)
- Recently learned machine learning using *Hands-on Machine Learning with R* by Boehmke and Greenwell

FORMAL EDUCATION

Brock University: Psychology Graduate Program (September 2014-October 2018), Ontario, Canada
Doctor of Philosophy – Social & Personality Psychology

Brock University: Psychology Graduate Program (September 2012-June 2015), Ontario, Canada
Master of Arts – Social & Personality Psychology

Albion College: Undergraduate Program (August 2008-May 2012), Michigan
Bachelor of Arts – Psychology Major, Art Minor

RESEARCH ACTIVITIES

Publications

- Hafer, C. L., Weissflog, M., **Drolet, C. E.**, & Segalowitz, S. J. (2022). The relation between belief in a just world and early processing of deserved and undeserved outcomes: An ERP study. *Social Neuroscience*. doi: 10.1080/17470919.2022.2038262
- Sethi, R. K., Pumpian, R. P., **Drolet, C. E.**, & Louie, P. K. (2021). Utilizing Lean Methodology and Time-Driven Activity-Based Costing together. *Journal of Bone and Joint Surgery*, 103, 2229–2236. doi:10.2106/jbjs.21.00129
- Dawadi, A., Lucas, T., **Drolet, C. E.**, Thompson, H. S., Key, K., Dailey, R., & Blessman, J. (2021). Healthcare provider cultural competency and receptivity to colorectal cancer screening among African Americans. *Psychology, Health & Medicine*, 1–12. doi:10.1080/13548506.2021.1939073
- Drolet, C. E.**, & Lucas, T. (2021). Justice beliefs buffer against perceived barriers to colorectal cancer screening among African Americans. *Psychology & Health*. doi:10.1080/08870446.2021.1928667
- Lucas, T., Thompson, H. S., Blessman, J., Dawadi, A., **Drolet, C. E.**, Hirko, K. A., & Penner, L. A. (2021). Effects of culturally targeted message framing on colorectal cancer screening among African Americans. *Health Psychology*, 40, 305–315. doi:10.1037/hea0001073
- Lucas, T., **Drolet, C. E.**, Strelan, P., Karremans, J. C., & Sutton, R. M. (2020). Fairness and forgiveness: Effects of priming justice depend on justice beliefs. *Current Psychology*. doi:10.1007/s12144-020-01101-8
- Drolet, C. E.**, & Lucas, T. (2020). The neurogenetics of racial injustice: Oxytocin receptor (OXTR) gene rs53576 is associated with perceived discrimination and other-oriented justice beliefs in African Americans. *Race and Social Problems*, 13, 102–109. doi:10.1007/s12552-020-09303-2
- Lucas, T., Riis, J. L., Buchalski, Z., **Drolet, C. E.**, Dawadi, A., & Granger, D. A. (2020). Reactivity of salivary uric acid in response to social evaluative stress in African Americans. *Biological Psychology*, 153, 107882. doi:10.1016/j.biopsycho.2020.107882
- Higgs, E., **Drolet, C. E.**, & Belicki, K. (2020). The impact of childhood sexual abuse on sleep in adulthood. *Journal of Traumatic Stress*. doi:10.1016/j.chiabu.2020.104567
- Drolet, C. E.**, Lucas, T. (2020) Perceived racism, affectivity, and C-reactive protein in healthy African Americans: Do religiosity and racial identity provide complementary protection? *Journal of Behavioral Medicine*, 43, 932–942. doi:10.1007/s10865-020-00146-1
- Hafer, C. L., Busseri, M. A., Rubel, A. N., **Drolet, C. E.**, & Cherrington, J. N. (2020). A latent factor approach to the relation between belief in a just world and well-being. *Social Justice Research*, 33, 1-17. doi:10.1007/s11211-019-00342-8
- Hafer, C. L., Rubel, A. N., & **Drolet, C. E.** (2019). Experimental evidence of subtle victim blame in the absence of explicit blame. *PLoS One*, 14(12): e0227229. doi:10.1371/journal.pone.0227229
- Hafer, C. L., **Drolet, C. E.**, Davis, E. E., & Segalowitz, S. J. (2019). Evidence of a processing advantage for deservingness-relevant information. *Social Psychology*. doi:10.1027/1864-9335/a000396
- Drolet, C. E.**, & Drolet, A. M. (2019). System justifying beliefs and the rise of labiaplasty. *Social Justice Research*, 32, 318–348. doi:10.1007/s11211-019-00326-8
- Hoffarth, M. R., **Drolet, C. E.**, Hodson, G., & Hafer, C. L. (2019). Attitudes Towards Asexuals (ATA) Scale. *Handbook of Sexuality-Related Measures*.
- Drolet, C. E.**, & Hafer, C. L. (2018). Outcome-based perceptions of morality and support for political candidates. *Analyses of Social Issues and Public Policy*. doi:10.1111/asap.12166
- Drolet, C. E.**, Hafer, C. L., & Heuer, L. (2016). The role of perceived deservingness in the toleration of human rights violations. *Social Justice Research*, 29, 429–455. doi:10.1007/s11211-016-0273-y
- Hoffarth, M. R., **Drolet, C. E.**, Hodson, G., & Hafer, C. L. (2016). Development and validation of the Attitudes Towards Asexuals (ATA) scale. *Psychology & Sexuality*, 7, 88–100. doi:10.1080/19419899.2015.1050446

Published refereed conference proceedings

- DePledge, L. N., **Drolet, C. E.**, Nold, K., Hermanson, S., Louie, P. K., & Sethi, R. (2022, January). Impact of a pre-operative checklist on surgical delays in complex spine surgery. *Journal Of Investigative Medicine*, 70, 128-129. doi:10.1136/jim-2022-WRMC
- Drolet, C. E.**, & Lucas, T. (2020). OXTR receptor (OXTR) gene rs53576 predicts proinflammatory C-reactive protein response to acute social stress in African American men. *Psychoneuroendocrinology*, 119, 104991. doi:10.1016/j.psyneuen.2020.104991
- Lucas, T., Yamin, J., Krohner, S., Goetz, S., **Drolet, C. E.**, Kopetz, C., ... & Granger, D. (2020). Salivary osteocalcin: Reactivity to acute social stress and relationships with concomitant stress biomarkers in healthy African Americans. *Psychoneuroendocrinology*, 119, 104942. doi:10.1016/j.psyneuen.2020.104942
- Drolet, C. E.**, & Lucas, T. (2020, May). Justice beliefs reduce the effect of barriers on perceived behavioral control and intentions for colorectal cancer screening. *Annals of Behavioral Medicine*, 54, S708-S708.
- Dawadi, A., Lucas, T., **Drolet, C. E.**, Thompson, H., Manning, M., Penner, L. A., ... & Dailey, R. (2020, May). Perceived cultural competency of healthcare predicts receptivity to colorectal cancer screening among African-Americans. *Annals of Behavioral Medicine*, 54, S542-S542.

- Drolet, C. E.,** & Lucas, T. (accepted - 2020, April 4 [Cancelled due to COVID-19]). Justice Beliefs Reduce the Effect of Barriers on Perceived Behavioral Control and Intentions for Colorectal Cancer Screening [Poster]. *Society of Behavioral Medicine, San Francisco, CA, 41.*
- Drolet, C. E.,** & Lucas, T. (2020, February 29). Perceived racism, affectivity, and C-reactive protein: Do religiosity and racial identity provide complementary protection among healthy African Americans? [Poster]. *Society for Personality and Social Psychology, New Orleans, LA, 21*, Poster Session J.
- Drolet, C. E.,** Lucas, T., Goetz, S., Yamin, J., Krohner, S., Regan, J., Regalski, A., Kopetz, C., & Lumley, M. (2019). Gender Differences in the Effect of Justice Primes on Performance in the Trier Social Stress Test [Poster]. *UCI IISBR Virtual Salivary Bioscience Research Conference.*
- Drolet, C. E.,** Roters, J., & Murphy, T. I. (2018, December 6). Interactive feedback tools for completing statistics questions [Digital Poster]. *Brock University Teaching and Research Showcase, Brock University, St Catharines, ON.*
- Drolet, C. E.,** & Zinga, D. (2018, December 6). Qualtrics in academia [Digital Poster]. *Brock University Teaching and Research Showcase, Brock University, St Catharines, ON.*
- Drolet, C. E.,** & Drolet, A. M. (2018, July 26). Self-Objectification, System Justifying Beliefs, and Labiaplasty [Presentation]. *Biennial Conference of the International Society for Justice Research, Emory University, Atlanta, GA, 17.*
- Drolet, C. E.** (2018, July 1). Ingroup Hypocrisy and Preventing the Use of Torture-derived Information [Presentation]. *Society for the Psychological Study of Social Issues Biennial Convention.*
- Drolet, A. M., & **Drolet, C. E.** (2018, March 23). A multi-trial investigation into labiaplasties among young women [Poster]. *The American Medical Women's Association Anniversary Meeting, Philadelphia, Pennsylvania, 103.*
- Drolet, A. M., & **Drolet, C. E.** (2017, October 26). Young Women and Labiaplasties: A Growing National Trend [Poster]. *Michigan State Medical Society Foundation's Annual Scientific Meeting, Novi, Michigan, 152.*
- Drolet, C. E.** (2017, July 2). Responding to Political Leaders' Hypocrisy [Presentation]. *Annual Conference of the International Society of Political Psychology, Edinburgh, Scotland, 40.*
- Higgs, E., **Drolet, C. E.,** & Belicki, K. (2017, June 3). The Role of Childhood Sexual Abuse in Adult Sleep Disturbance [Presentation]. *Conference of European Society for Traumatic Stress Studies, University of Southern Denmark, Odense, Denmark, 15.*
- Drolet, C. E.,** & Hafer, C. (2016, July 20). Using Hypocrisy Induction to Influence Human Rights-related Behaviour [Blitz Talk]. *Postgraduate Workshop, Biennial Conference of the International Society for Justice Research, University of Kent, Canterbury, England, 16.*
- Drolet, C. E.,** & Hafer, C. (2016, July 21). Encouraging Behavioural Support For Human Rights Through Hypocrisy Induction [Poster]. *Biennial Conference of the International Society for Justice Research, University of Kent, Canterbury, England, 16.*
- Drolet, C. E.,** & Hafer, C. (2015, June 4). Keeping universal human rights universal: Using hypocrisy induction to reduce the toleration of human rights violations [Poster]. *Canadian Psychological Association, Westin Ottawa, Ottawa, 76*, Poster Session A.
- Drolet, C. E.,** & Hafer, C. (2015, February 26). Are human rights only universal for those who deserve them? [Poster]. *Justice and Morality Preconference, Annual Meeting of the Society for Personality and Social Psychology, Long Beach, California, 16.*
- Drolet, C. E.,** Hoffarth, M., Hodson, G., & Hafer, C. (2014, June 29). Prejudice against asexuals: Development and validation of a new measure [Poster]. *Society for the Psychological Study of Social Issues Biennial Convention, 10.*
- Drolet, C. E.,** & Hafer, C. (2014, June 20). Deserving torture: Perceived deservingness and the toleration of a human rights violation [Presentation]. *Biennial Conference of the International Society for Justice Research, New York University, New York City, NY, 15*, Symposia Session 4.3.
- Drolet, C. E.** & Hill, E. (2013, September 14). The Effect of Rape Cases Not Going To Trial on Victim Blame and Belief in a Just World [Poster]. *Brock University Psychology Department Annual In House Conference, Brock University, St Catharines, Ontario, 8.*
- Drolet, C. E.** & Hill, E. (2013, June 14). The Effect of Rape Cases Not Going To Trial on Victim Blame and Belief in a Just World [Poster]. *Canadian Psychological Association's Annual Convention at the Québec City Convention Centre, Québec, Québec, 74*, Poster Session E.
- Drolet, C. E.,** Hill, E., Carlson, J., Keyes, B., & Wickre, B. (2012, May 25). Victim Blaming Increases When Sexual Assault Cases Do Not Go To Trial [Poster]. *Association for Psychological Science Annual Convention, Chicago, Illinois, 24*, Session 3 (Board 41).
- Drolet, C. E.** (2012, April 19). Victim Blaming Increases When Sexual Assault Cases Do Not Go To Trial [Presentation]. *Elkin Isaac Annual Student Research Symposium, Albion College, Michigan, 23*, Forum 3 (Presentation 1).
- Drolet, C. E.** (2012, April 14). Victim Blaming Increases When Sexual Assault Cases Do Not Go To Trial [Presentation]. *Annual Michigan Undergraduate Psychology Research Conference, Albion College, Michigan, 25*, Forum 1 (Presentation 5).
- Drolet, C. E.** (2011, July 28). The Effects of Court Decisions on Perceived Victim Credibility [Presentation]. *Foundation for Undergraduate Research, Scholarship, and Creative Activity Summer Research Symposium, Albion College, Michigan, 11*, Session 10.