

## EDUCATION

- June 2019      **York CVR – VISTA Vision Science Summer School**  
York University, Toronto ON
- Apr. 2019      **Bachelor of Arts, Honours Psychology and Communications**  
University of the Fraser Valley, Abbotsford BC
- Thesis title:    Testing the effects of valenced perceptual cues on Implicit Association Test performance
  - Supervisor:    Dr. Andrea Hughes
- Dec. 2015      **Professional Communication Essentials Certificate**  
University of the Fraser Valley, Abbotsford BC
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## HONOURS & AWARDS

- Aug. 2019      Canadian Psychological Association Certificate of Academic Excellence
- Apr. 2019      Graduated with Distinction, B.A.
- May 2018      Undergraduate Research Excellence Award (\$1000)
- Apr. 2018      Dean of the College of Arts Award: UFV Student Research Day (\$200)
- Apr. 2014      Dean's List Member
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## RESEARCH EXPERIENCE

- June 2019-present    **Lab Manager**, Bias Investigation and Applied Science (BIAS) Lab  
Department of Psychology, University of the Fraser Valley
- Created onboarding and offboarding materials for lab members, including guides and resources for conducting reproducible research using R and the Open Science Framework
  - Designed lab website and branding
  - Conducted administrative and managerial duties
- Sep. 2017-present    **Researcher**, Bias Investigation and Applied Science (BIAS) Lab  
Department of Psychology, University of the Fraser Valley  
Supervisor: Dr. Sven Van de Wetering
- Led and collaborated on several experiments testing the effects of design and measurement bias on study results

- Conducted a systematic review assessing the role one-sided narratives play in creating or reinforcing confirmation bias
  - Presented research findings at academic conferences
- Jan. 2018-Apr. '18    **Research Assistant**, SSHRC Partnership Development Grant  
Department of Communications, University of the Fraser Valley  
Supervisor: Dr. Linda Pardy
- Conducted literature review and prepared bibliography supporting grant proposal for the development of an interdisciplinary research centre for knowledge creation
- Oct. 2017-Apr. '18    **Research Assistant**, Pan-Canadian Advising Project  
Department of Communications, University of the Fraser Valley  
Supervisor: Dr. Linda Pardy
- Assisted with survey design and deployment, and data collection and analysis investigating the professional experiences of ~350 advisors from Canadian post-secondary institutions
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## WORKS

### Preprints

1. **McCarthy, M.** (2019, July 8). If Nazi = Red, and Canadian = Red, does Red = Good or Bad? Testing the effects of valenced perceptual cues on Implicit Association Test performance. <https://doi.org/10.31234/osf.io/fsjba>

### Presentations

2. **McCarthy, M.**, Hughes, D., & Van de Wetering, S. (2019, May 11). Are IAT Effects an artifact of test design? Testing the impact of a rest period before reversing response assignments on the Implicit Association Test. Paper presented at the 21st annual meeting of the NorthWest Cognition and Memory Conference, Victoria, BC.
3. Janzen, J., Oswald, F., Acreman, R., **McCarthy, M.**, & Van de Wetering, S. (2018, May 18). Positive test strategies and confirmation bias in social assessment. Paper presented at the 8th annual meeting of the Connecting Minds Conference, Richmond, BC.

### Posters

4. **McCarthy, M.**, Acreman, R., Janzen, J., Oswald, F., & Van de Wetering, S. (2018, May 18). What they say is all I need: The role of narratives in confirmation bias. Poster presented at the 8th annual meeting of the Connecting Minds Conference, Richmond, BC.

5. **McCarthy, M., & Pardy, L.** (2018, April 5). Exploring the role of advising in Canadian universities: Students' advising experiences at the University of the Fraser Valley. Poster presented at the University of the Fraser Valley's annual Student Research Day, Abbotsford, BC.

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## TEACHING EXPERIENCE

- Sep. 2012-present    **Guitar Teacher**, Self-Employed, Langley BC
- Developed curriculum and instructional materials, instructed and assessed students

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## TECHNICAL SKILLS

- Data analysis, visualization, reporting, and manuscript production: **R**
- Experiment design and delivery: **E-Prime**
- Version control: **Git and Github**
- Reference management: **Zotero**
- Team and project management: **Slack, Trello**
- Document design, graphic design: **Adobe Creative Suite**
- Audio recording, editing, and mixing: **Logic**

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## PROFESSIONAL EXPERIENCE

- May 2016-Apr. '17    **Detailer**, Trotman Auto Group, Langley BC  
Oct. 2013-Apr. '16    **Facility Attendant**, Langley Events Centre, Langley BC  
Aug. 2007-Apr. '10    **Referee**, Langley Minor Hockey League, Langley BC

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## EXTRACURRICULAR EXPERIENCE

- June 2019-present    Learning fundamentals of data science  
Aug. 2004-present    Musician (multi-instrumentalist), composer, and sound designer  
Sep. 2000-Apr. '10    Ice hockey defenseman, Langley Minor Hockey League