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# Chad C. Williams

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🌐 [www.chadcwilliams.com](http://www.chadcwilliams.com)

Neuroscientist | Statistician | Educator |  
Professional Writer | Analyst | Programmer

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## CAREER OBJECTIVE

I am looking to secure a career that leverages my knowledge and skills as a researcher and analyst to create a direct and positive influence on my community and to society as a whole.

## WORK HISTORY

### **Neuroscientist & Statistician in Academia**

Pursued own research topics by employing EEG to better understand human learning and decision making. Produced 18 publications and received 19 awards totalling \$214,213.

Theoretical and Applied Neuroscience Laboratory	2015 – Present
Learning and Cognitive Control Laboratory	2015 – 2016
Human Electrophysiology Laboratory	2012 – 2014

### **Neuroscientist & Programmer in Industry**

Collaborated with industrial companies to construct various products, applications, and brain-computer interfaces, such as the classification of EEG signals to control a robot.

Canadian Sports Institute Pacific Society	2022 – Present
Divergence Neuro Technologies Inc.	2021 – Present
L3Harris Technologies Inc.	2020 – 2022
Avertus Inc.	2017 – 2018
InteraXon Inc.	2016 – 2017

### **Professional Writer**

Wrote publications and technical reports, as well as over fifteen ethics applications and four grant applications, totalling \$60,000, to conduct research and fund personnel.

Divergence Neuro Technologies Inc.	2021 – Present
Theoretical and Applied Neuroscience Laboratory	2015 – Present
Learning and Cognitive Control Laboratory	2015 – 2016
Human Electrophysiology Laboratory	2012 – 2014

### **Educator**

Taught three undergraduate level neuroscience and statistics courses and developed a freely available online course to teach statistics and the R statistical program.

University of Victoria	2016 – Present
Chad C. Williams Consulting	2020 – Present

## **EDUCATION**

<b>PhD in Neuroscience</b> , GPA: 9.0/9.0 University of Victoria	Expected July 2022
<b>MSc in Neuroscience</b> , GPA: 8.8/9.0 University of Victoria	2018
<b>BSc in Psychology</b> , GPA: 8.8/9.0 University of Victoria	2016
<b>Certificate in Learning and Teaching in Higher Education</b> University of Victoria	2022
<b>Certificate of Diversity and Inclusion in the Workplace</b> Coursera	2020

## **SKILLS**

**Programming:** Python, R, Matlab

**Biometric Devices:** Electroencephalography (EEG), eye-tracking, electrocardiogram (ECG), heart-rate monitor, respiratory rate, blood pressure

**Statistical Programs:** R, JASP, SPSS, Excel

**Professional Writing:** Academic manuscripts, industrial research reports, ethics applications, grant applications

## **EXTRACURRICULARS AND LEADERSHIP**

<b>University of Victoria</b> Graduate Student Society's Graduate Representative Council Student Affairs Committee Neuroscience Graduate Student Association	2017 - 2020
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## **ACHIEVEMENTS AND AWARDS**

I have received a total of 19 awards and scholarships for my academic research, totalling to \$214,213. These awards include, but are not limited to:

<b>Canada Graduate Scholarship</b> – Doctoral (CGS D), NSERC - <b>\$105,000</b>	2018
<b>Research Scholarship</b> (x2), Neuroeducation Network - <b>\$40,000 total</b>	2015 & 2017
<b>Canada Graduate Scholarship</b> – Master's (CGS M), NSERC - <b>\$17,500</b>	2016
<b>President's Research Scholarship</b> (x6), UVic <b>\$12,000 total</b>	2016 – 2021