

# **Curriculum Vitae**

**Andre Reza Zamani**

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## **Education**

**Doctor of Philosophy, Psychology** (in progress)

University of British Columbia

Thesis: *Neural Dynamics of Spontaneous Thought Revealed by Precision fMRI*

Supervisor: Kalina Christoff

Sept 2023 - August 2027 (expected)

**Master of Arts, Psychology**

University of British Columbia

Thesis: *Neural Dynamics associated with Thought Generation in Experienced Meditators*

Supervisor: Kalina Christoff

Sept 2021 - August 2023

**Bachelor of Arts, Psychology & Neuroscience**

University of Puget Sound

Supervisors: David Andresen, Erin Colbert-White

Aug 2015 - May 2019

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## **Credentials**

**Instructional Skills Workshop for Graduate Students** (UBC), 2021

**Dale Carnegie Course: Skills for Success** (Dale Carnegie), 2013

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## **Recognitions**

UBC Four-Year Doctoral Fellowship, 2023-2027, \$72,800 CAD

Travel Award, Washington University in St. Louis, 2023, \$1,500 USD

Elizabeth Young Lacey Scholarship in Psychology, UBC, 2022-2023, \$7,212 CAD

Faculty of Arts Graduate Award, UBC, 2022-2023, \$6,287 CAD

Best Poster Presentation for Neuroscience/Psychology, M.J. Murdock Charitable Trust, 2018

Dean's List, University of Puget Sound, 2018 (2 terms)

Puget Sound Alumni Scholarship, 2015-2019, \$12,000 USD

Steven Hellwing Memorial Award, Shorecrest High School, 2015

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## **Employment**

### **Research Assistant**

University of British Columbia, Sept 2021 - Aug 2027 (expected)

### **Teaching Assistant**

University of British Columbia, Sept 2021 - Aug 2027 (expected)

### **Research Coordinator**

University of British Columbia, July 2019 - May 2021

### **Operations Intern**

Nanosurface Biomedical, July 2016 - Dec 2016

### **Buser**

Boom Noodle, March 2015 - May 2015

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## **Teaching Experience**

### **Lecturer, *Abnormal Psychology***

UBC Extended Learning, 2023 (Summer), 40 students

### **Teaching Assistant, *Psychology of Childbirth* (PSYC 207)**

UBC, multiple terms, 2021-2024 (Winter)

Undergraduate, 96-140 students per term

### **Teaching Assistant, *Behavioural Neuroscience* (PSYC 371A/B)**

UBC, 2021-2022, 99 students, guest lecturer

### **Core Instructor, *fMRI Brain Camp***

UBC, 2022-2024, 15-27 students per session

Graduate level

### **Assistant Instructor, *Dale Carnegie Effective Communication and Interpersonal Skills Course***

Dale Carnegie, 2020, 12 students

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## **Research Funding**

### **Principal Investigator**

*Investigating the Relationship between Oxytocin and the Uncanny Valley*

University of Puget Sound, University Enrichment Committee, 2017-2019, \$500 USD

Keck Research Scholar, 2018, \$3,750 USD

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## **Publications**

**Tripathi, V., et al. (2024).** Default mode network anti-correlation as a transdiagnostic biomarker of cognitive function. *Biological Psychiatry*.

**Poulos, M., Zamani, A., et al. (2023).** Investigating the appraisal structure of spontaneous thoughts. *Psychological Research*.

**Zamani, A., Carhart-Harris, R., Christoff, K. (2021).** Prefrontal contributions to the stability and variability of thought. *Neuropsychopharmacology*.

**Mills, C., Zamani, A., et al. (2021).** Understanding abrupt transitions in thought. *Philosophical Transactions of the Royal Society B*.

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## **Book Chapters**

**Burrell, J., Zamani, A., Christoff, K. (Under review).** Neurocognitive dynamics, mental flexibility, and constraints on thought. *Oxford Handbook of Cognitive Enhancement and Brain Plasticity*.

**Zamani, A., Mills, C., et al. (2023).** A closer look at transitions between the generative and evaluative phases of creative thought. *Routledge Handbook of Creative Cognition*.

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## **Theses**

**PhD Thesis (in progress):** *Neural Dynamics of Spontaneous Thought Revealed by Precision fMRI*. University of British Columbia.

**Master's Thesis (2023):** *Neural activation associated with the reporting of spontaneous thoughts in experienced mindfulness meditators*. University of British Columbia.

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## **Presentations**

*Psychedelic Neuroscience*, ASTU 400L, Vancouver, 2024

*Investigating Brain Dynamics during Meditation*, Psychology Undergraduate Research Conference, Vancouver, 2023

*Neural Correlates of Thought During Meditation*, PsychFest, Vancouver, 2023

*Burnout and Resilience in ICU Physicians*, Society for Neuroscience, San Diego, 2022

*Oxytocin and Perceptions in the Uncanny Valley*, Various Conferences, 2017-2018

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### **Mentoring Activities**

**Diversity Mentorship Program**, University of British Columbia, 2023-2024

**Psi Chi Mentorship Program**, University of British Columbia, 2023

**Supervisor**, UBC Cognitive Science Capstone Course, 2021

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### **Journal Review Activities**

**Reviewer**, *Psychopharmacology*, *Memory & Cognition*, *Creativity Research Journal*, *Consciousness and Cognition*, *Neuropsychologia*, 2023-2024

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### **Community & Volunteer Activities**

**Committee Member**, BC Ministry of Health, Psychedelic Medicine Assisted Therapy Steering Committee, 2021-2022

**Delegate**, Democratic Party (United States), 2016

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### **Committee Memberships**

**Graduate Student Council**, UBC, 2023

**Socioeconomics & Our Student Body**, UBC, 2023

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### **Other Memberships**

**Psi Chi**, 2018-2019, Chapter President, University of Puget Sound

**Museum Docent**, Slater Museum of Natural History, 2014-2019

**Student Body President**, Shorecrest High School, 2014-2015

**Student Body Vice-President**, Shorecrest High School, 2013-2014