

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

Credentials

Instructional Skills Workshop for Graduate Students (UBC), 2021

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

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

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

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

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

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*.

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*.

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.

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

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

Journal Review Activities

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

Community & Volunteer Activities

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

Delegate, Democratic Party (United States), 2016

Committee Memberships

Graduate Student Council, UBC, 2023

Socioeconomics & Our Student Body, UBC, 2023

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