

Tuki Attuquayefio

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EDUCATION

Doctor of Philosophy (Psychology) <u>Macquarie University</u> Thesis Title: <i>Western-style diet and its impacts on hippocampal-dependent processes</i>	2013 – 2017
Certificate IV Australian Sign Language <u>TAFE NSW</u>	2016
Bachelor of Science (Psychology) - Honours (2:1) <u>University of New South Wales</u> Thesis Title: <i>Effect of Retention Interval on Incentive Contrast using Saccharin</i>	2005 – 2010
Bachelor of Arts (Modern Greek & French) <u>University of New South Wales</u>	2005 – 2009

KEY SKILLS

Data Storage and Database Management

- REDCap
- SQL

- R Studio
- Microsoft Excel

Data Analysis

- R Studio
- Python
- SPSS
- SAS

- Microsoft Excel
- CONN Functional Connectivity Toolbox
- FSL fMRI Toolbox
- SPM12 Toolbox

Data Visualisation

- R Studio
- Python
- SPSS

- Adobe Photoshop Pro
- MicroGL
- Tableau

RESEARCH EXPERIENCE

Research Fellow <u>Department of Psychology, University of New South Wales</u>	2021 – current
Postdoctoral Associate <u>Department of Psychiatry, Yale University</u>	2019 – 2021
Postdoctoral Research Associate <u>School of Experimental Psychology, University of Bristol</u>	2017 – 2018
Research Assistant (Level 5) <u>Centre for Health Systems and Safety Research, Australian Institute for Health Innovation</u>	2017
Research Assistant (Level 5) <u>Department of Psychology, Macquarie University</u>	2013-2014
Research Assistant (Level 5) <u>Department of Psychology, University of New South Wales</u>	2012
Research Assistant (Level 4) <u>Sensory Solutions Pty. Ltd.,</u> <ul style="list-style-type: none">• Various projects for food and beverage companies. Quantitative analyses in SPSS and Excel.	2012

TEACHING EXPERIENCE

Lecturer in Charge <i>PSYC214 Learning and Behaviour</i> <u>Department of Psychology, Australian Catholic University</u>	2021
Lecturer <i>PSYC101 Introduction to Psychology</i> <u>Department of Psychology, Australian Catholic University</u>	2021
Academic Tutor <i>PSYC315 Brain and Behaviour</i> <u>Department of Psychology, Australian Catholic University</u>	2021
Lecturer <i>PSY352 Psychology of Appetite and Eating</i> <u>Department of Psychology, Macquarie University</u>	2016
Academic Tutor <i>PSYC104 Introduction to Psychology I</i> <i>PSYC105 Introduction to Psychology II</i> <i>PSY352 Psychology of Appetite and Eating</i> <i>PSYC332 Psychological Assessment: Reliability and Validity</i> <u>Department of Psychology, Macquarie University</u>	2013 – 2017
Academic Tutor <i>ALHT106 Psychology for Allied Health</i> <u>Department of Psychology, Australian Catholic University</u>	2015
Secondary School English Teacher <u>Lycée Albert Camus, Department of Education, France</u>	2011 – 2012

ACADEMIC & COMMUNITY ENGAGEMENT

Communication & Networking Committee, Yale Postdoctoral Association	2019 – current
Brain Education Day, Yale School of Medicine	2019 – 2020
Brain Bee, Yale University	2019 – 2020
New Investigator Advisory Board Member, Society for the Study of Ingestive Behavior	2018 – current
Social Media Committee, Society for the Study of Ingestive Behavior	2018 – current
Research Staff Committee, School of Experimental Psychology, University of Bristol	2018
3MT Committee Chair, Department of Psychology, Macquarie University	2017
Reviewer, <i>Scientific Reports</i>	2021 – current
Reviewer, <i>Neurobiology of Stress</i>	2021 – current
Reviewer, <i>International Journal of Obesity</i>	2020 – current
Reviewer, <i>Behavioral Sciences</i>	2020 – current
Reviewer, <i>Current Research in Nutrition and Food Science</i>	2018 – current
Reviewer, <i>Advances in Nutrition</i>	2016 – current
Reviewer, <i>Nutrients</i>	2016 – current
Reviewer, <i>Appetite</i>	2015 – current

PEER-REVIEWED JOURNAL ARTICLES

Attuquayefio, T., Sun, X., Beste, N.K., & Small, D. M. Fronto-striatal functional connectivity after intranasal insulin administration mediates working memory in youth with obesity. *Cell Metabolism* (under review)

Attuquayefio, T., Weiss, J. J., White, E. B. et al. (2021). Tracking Smell Loss to Identify Healthcare Workers with SARS-CoV-2 Infection. *PLoS ONE* (in press)

Attuquayefio, T., Long, J. & Hudson, J.L. (2021). Factors Associated With Anxiety Symptoms in Australian Deaf or Hard of Hearing Children. *The Journal of Deaf Studies and Deaf Education*, 26(1), 13-20.
doi:10.1093/deafed/ena035

Attuquayefio, T., Weiss, J. J., White, E. B. et al. (2020). Tracking Smell Loss to Identify Healthcare Workers with SARS-CoV-2 Infection. *medRxiv* 2020.09.07.20188813; doi:10.1101/2020.09.07.20188813

Attuquayefio, T., Parish, S., Rogers, P. J., & Brunstrom, J. M. (2020). No evidence of flavour-nutrient learning in a two-week 'home exposure' study in humans. *Appetite*, 147, 104536. doi:10.1016/j.appet.2019.104536

Stevenson, R. J., Francis, H. M., **Attuquayefio, T.,** Gupta, D., Yeomans, M. R., Oaten, M. J., & Davidson, T. (2020). Hippocampal-dependent appetitive control is impaired by experimental exposure to a Western-style diet. *Royal Society Open Science*, 7(2), 191338. doi:10.1098/rsos.191338

Stevenson, R. J., Francis, H. M., **Attuquayefio, T.,** & Ockert, C. (2017). Explicit wanting and liking for palatable snack foods are differentially affected by change in physiological state, and differentially related to salivation and hunger. *Physiology & Behavior*, 182, 101-106. doi:10.1016/j.physbeh.2017.10.007.

Attuquayefio, T., Stevenson, R. J., Oaten, M. J., & Francis, H. M. (2017). A four-day Western-style dietary intervention causes reductions in hippocampal-dependent learning and memory and interoceptive sensitivity. *PLOS One*, 12(2), e0172645. doi:10.1371/journal.pone.0172645

Attuquayefio, T., Stevenson, R. J., Boakes, R. A., Oaten, M. J., Yeomans, M. R., Mahmut, M., & Francis, H. M. (2016). A high-fat high-sugar diet predicts poorer hippocampal-related memory and a reduced ability to suppress wanting under satiety. *Journal of Experimental Psychology: Animal Learning and Cognition*, 42, 415-428. doi:10.1037/xan0000118

Attuquayefio, T., & Stevenson, R. J. (2015). A systematic review of longer-term dietary interventions on human cognitive function: Emerging patterns and future directions, *Appetite*, 95, 554-570. doi:10.1016/j.appet.2015.08.023

Rooney, K. B., **Attuquayefio, T.,** Thornley, S., Jayewardene, S., Boakes, R., & Stevenson, R. J. (2014). Monitoring health and dietary behaviour during participation in an online lifestyle program, *Obesity Research & Clinical Practice*, 8, 89-90. doi:10.1016/j.orep.2014.10.164

Stevenson, R. J., & **Attuquayefio, T.** (2013). Human olfactory consciousness and cognition: its unusual features may not result from unusual functions but from limited neocortical processing resources. *Frontiers in Psychology*, 4, 39-49. doi:10.3389/fpsyg.2013.00819

PRESENTATIONS & INVITED TALKS

Keynote/Invited talks

School of Behavioural Health Sciences, ACU 2021
Title: *Smell and taste loss in healthcare workers with COVID-19*

Psychology Seminar Series, University of Bristol 2021
Title: *COVID-19 and smell/taste loss*

For the Culture series, Society for Black Brain and Behavioral Scientists 2021
Title: *Brain Food: How diet affects the brain across the lifespan*

Department of Psychology, Australian Catholic University 2020
Title: *COVID-19 and smell/taste loss in healthcare workers*

Department of Psychological Science 2019
Title: *Intranasal insulin effects on the brain and eating behaviour*

Conference Talks

Yale Postdoctoral Association 2020
Title: *Social media for researchers*

Yale Appetitive Neuroimaging Seminar Series, Yale School of Medicine 2019
Title: *Food choice behaviour and brain functional connectivity*

Society for the Study of Ingestive Behavior Meeting, Utrecht 2019
Title: *Intranasal insulin differentially affects hippocampal function in obese children*

Yale Postdoctoral Association – Pint of Science Series 2019
Title: *Eating on Autopilot: How did I finish the packet already?!*

Yale Postdoctoral Association 2019
Title: *Social media for researchers*

European Commission Nudge-It Research Meeting, Edinburgh 2018
Title: *Food choice behaviour, interoceptive awareness and resting-state fMRI*

Society for the Study of Ingestive Behaviour Meeting, Florida Title: <i>Interoceptive awareness tasks differentially predict resting-state network activity</i>	2018
Department of Psychiatry, School of Medicine, Yale University Title: <i>No Evidence of Flavour Nutrient Learning in an at-home learning experiment</i>	2018
Society for the Study of Ingestive Behaviour Meeting, Portugal Title: <i>A high-fat high-sugar diet predicts poorer hippocampal-related memory and a reduced ability to suppress wanting under satiety</i>	2016
Sydney Postgraduate Psychology Conference, Sydney Title: <i>Neuropsychological consequences of the Western diet</i>	2014
Conference Posters	
NIDDK Neuroimaging and Modulation in Obesity and Diabetes Research Meeting Title: <i>Cognitive deficits in insulin-resistant overweight youth ameliorated by intranasal insulin</i>	2019

FUNDING AND AWARDS

Early Career Travel Award NIDDK Neuroimaging and Modulation in Obesity and Diabetes Research 10th Anniversary Meeting Total value: USD\$500	2019
Early Career Researcher Prize Sparrho Total value: GBP£500	2019
Australian Postgraduate Award Department of Education and Training Total value: AUD\$77,529	2014 – 2016
3 Minute Thesis Winner Faculty of Human Sciences, Macquarie University Total value: AUD\$100	2015