

# Howard Chiu

[howardchiu@stanford.edu](mailto:howardchiu@stanford.edu) | [chiuhoward.github.io](https://chiuhoward.github.io)

## Education

---

Ph.D.	Education, Stanford University <i>Advisors: Dr. Jason Yeatman &amp; Dr. Philip Fisher</i>	Expected 2028
M.Ed.	Educational Psychology, University of Melbourne	2017
B.A.	Experimental Psychology, University of Oxford	2015

## Employment

---

Ministry of Education, Singapore		
<i>Senior Educational Psychologist</i>		2021 – 2023
<i>Educational Psychologist</i>		2017 – 2021
<i>Associate Psychologist</i>		2015

## Research

---

Impact of ICU Care on Brain Development and Developmental Outcomes in Premature Neonates <i>Advisors: Dr. Jason Yeatman &amp; Dr. Heidi Feldman, Stanford Graduate School of Education &amp; Department of Behavioral Pediatrics, USA</i>	2024 – present
Neuroimaging of the Children’s Attention Project <i>Advisor: Dr. Timothy Silk, Murdoch Children’s Research Institute, Australia</i>	2017
Multialternative Perceptual Decision-Making in Humans <i>Advisor: Dr. Christopher Summerfield, University of Oxford</i>	2014 – 2015

## Publications

---

### Peer-Reviewed Articles

<b>Chiu, H.</b> , Genc, S., Malpas, C., Sciberras, E., Nicholson, J., Efron, D., Silk, T. Prefrontal and frontostriatal structures mediate academic outcomes associated with ADHD symptoms. <i>Brain Disorders, Vol. 4</i>	2021
---	------

## Preprints

Boyce, V., Prystawski, B., Abutto, A. B., Chen, E. M., Chen, Z., **Chiu, H.**, 2024  
... Frank, M. C.

Estimating the replicability of psychology experiments after an initial failure to replicate. *PsyArXiv*

## **Presentations**

---

**Chiu, H.**, Poblaciones, R. V., Lazarus, M. F., Travis, K. E., Marchman, V. A., 2024  
Scala, M., Feldman, H. M. & Yeatman, J. D.

Neonatal brain age models in preterm infants. *Poster presentation at 11<sup>th</sup> Annual Symposium of Wu Tsai Neurosciences Institute, Stanford, CA*

**Chiu, H.**, Poblaciones, R. V., Lazarus, M. F., Travis, K. E., Marchman, V. A., 2024  
Scala, M., Feldman, H. M. & Yeatman, J. D.

Neonatal brain age models in preterm infants. *Poster presentation at Flux Society Conference, Baltimore, MD*

**Chiu, H.**, Poblaciones, R. V., Lazarus, M. F., Travis, K. E., Marchman, V. A., 2024  
Scala, M., Feldman, H. M. & Yeatman, J. D.

Impact of ICU Care on Brain Development and Developmental Outcomes in Premature Neonates. *Presentation at Stanford Graduate School of Education So What Are You Working On (SWAYWO) Conference, Stanford, CA*

**Chiu, H.**, Yasotha, V., Genc, S., Malpas, C., Sciberras, E., Nicholson, J., 2017  
Efron, D. & Silk, T.

Prefrontal and frontostriatal structures mediate academic outcomes associated with ADHD symptoms. *Poster presentation at Australasian Cognitive Neuroscience Society (ACNS) Conference, Adelaide, Australia*

Herce Castañón, S., **Chiu, H.**, Tsetsos, K. & Summerfield, C. 2015

Trinary choices in a sequential integration paradigm. *Poster presentation at the Computational and Systems Neuroscience (COSYNE) Conference, Salt Lake City, UT*

## **Grants and Fellowships**

---

Stanford Graduate Fellowship 2023 – 2025

*Anne T. and Robert M. Bass Fellow*

## Honors and Awards

---

Ministry of Education, Singapore	
<i>Service Excellence Award (Gold)</i>	2021
<i>Service Excellence Award (Silver)</i>	2020
<i>Long Service Award (5 Years)</i>	2020
<i>Teaching Scholarship (Overseas)</i>	2012 – 2017

## Service

---

Stanford Cycling	2024 – Present
<i>Financial Officer</i>	
Stanford Public Scholarship Collaborative	2024 – Present
<i>Assistant Editor, Policy Briefs</i>	
Singapore Armed Forces	2010 – Present
<i>Current Rank: Staff Sergeant</i>	
Movement for the Intellectually Disabled of Singapore	2019 – 2023
<i>Appropriate Adult for Persons with Mental Disabilities</i>	
Koinonia Inclusion Network, Singapore	2022 – 2023
<i>Trainer</i>	

## Professional Organizations

---

International Society for Tractography	2024 – Present
<i>Student Member</i>	
Flux: The Society for Developmental Cognitive Neuroscience	2023 – Present
<i>Student Member</i>	
Singapore Psychological Society	2022 – 2023
<i>Registered Psychologist</i>	
Singapore Psychological Society	2018 – 2023
<i>Full Member</i>	