

Andree Hartanto

Curriculum Vitae

School of Social Sciences
Singapore Management University
Level 4, 90 Stamford Road
Singapore 178903
Tel: (65) 8499-4356
Email: andreeh@smu.edu.sg

Academic Appointment

2019 – Present	Assistant Professor of Psychology (Education) School of Social Sciences Singapore Management University
2018 – 2019	Lecturer of Psychology School of Social Sciences Singapore Management University

Education

2014 – 2018	Ph.D. in Psychology Singapore Management University GPA: 4.0 / 4.0
2014 – 2016	Master of Science in Psychology Singapore Management University
2009 – 2013	Bachelor of Psychology James Cook University

Awards and Scholarships

2020	SMU Most Promising Teacher Award Nominee
2018	Overseas Conference Travel Grant, Singapore Management University (awarded up to \$3,500)
2018	Overseas Conference Travel Grant, Singapore Management University (awarded up to \$3,500)
2017 – 2018	Presidential Research Fellowship, Singapore Management University (awarded up to \$9,500)

- Given to the top PhD student based on research excellence
- 2017 Student Delegate of Singapore, Royal Society
 - Selected and invited as the delegate of Singapore to give a research presentation at the Commonwealth Science Conference 2017, which was hosted by the Royal Society, the National Research Foundation, and Prime Minister's Office of Singapore
- 2017 Overseas Conference Travel Grant, Singapore Management University (awarded up to \$3,500)
- 2016 – 2017 Presidential Research Fellowship, SMU (awarded up to \$9,500)
 - Given to the top PhD student based on research excellence
- 2014 – 2018 MOE Postgraduate Research Scholarship, Singapore Management University
 - Scholarship covered full tuition fees and monthly stipend
- 2013 Second Upper Honors, James Cook University
- 2013 Academic Medal, James Cook University
 - Given in recognition of excellent academic performance

Research Grants

- 2017 – 2019 **Ministry of Social and Family Development**
Co-Principal Investigator (\$99,885.24)
“The impact of media consumption on the development of attentional control and emotional regulation during early childhood
- 2017 – 2018 **Singapore Ministry of Education** AcRF Tier 1 Grant
Collaborator (\$38,164.23)
“The impact of older adults’ smartphone use on cognitive and socioemotional outcomes”

Publications

Peer-reviewed Journal Articles

- Yong, J. C., **Hartanto, A.**, & Tan, J. J. X. (In Press). Subjective social status and inflammation: The role of culture and anger control. *Health Psychology*. [Impact Factor = 3.056, Impact Factor_{5year} = 4.416]
- Hartanto, A.**, Yong, J. C., Toh, W. X., Tng, G. Y. Q., & Tov, W. (2020). Cognitive, social, emotional, and subjective health benefits of computer use in adults: A 9-year longitudinal study from the Midlife in the United States (MIDUS). *Computers in Human Behavior*,

104, 106179. doi:10.1016/j.chb.2019.106179 [Impact Factor = 4.306, Impact Factor_{5year} = 4.964]

- Preliminary finding of this study was cited in The Straits Times

Hartanto, A., Ong, N. C. H., Ng, W. Q., & Majeed, N. M. (2020). The effect of state gratitude on cognitive flexibility: A within-subject experimental approach. *Brain Sciences, 10*, 413. doi:10.3390/brainsci10070413 [Impact Factor = 3.332]

Hartanto, A., Lau, I. Y-M., & Yong, J. C. (2020). Culture moderates the link between perceived obligation and biological health risk: Evidence for culturally distinct pathways to achieving positive health outcomes. *Social Science & Medicine, 244*, 112644. doi:10.1016/j.socscimed.2019.112644 [Impact Factor = 3.087, Impact Factor_{5year} = 4.041]

Landy, J. F., Jia, M., Ding I. L., Viganola, D. Tierney, W., ..., **Hartanto, A.** (as part of the Crowdsourcing Hypothesis Tests Collaboration), ..., Uhlmann, E. L. (2020). Crowdsourcing hypothesis tests: Making transparent how design choices shape research results. *Psychological Bulletin*. doi:10.1037/bul0000220.supp [Impact Factor = 16.405, Impact Factor_{5year} = 23.910]

Hartanto, A., Yong, J. C., Lee, T. H. S., Ng, W. Q., & Tong, E. M. W. (2020). Putting adversity in perspective: Purpose in life moderates the link between childhood emotional abuse and neglect and adulthood depressive symptoms. *Journal of Mental Health*. doi: 10.1080/09638237.2020.1714005 [Impact Factor = 2.604, Impact Factor_{5year} = 2.331]

Hartanto, A., & Yang, H. (2019). The role of bilingual interactional contexts in predicting interindividual variability in executive functions: A latent variable analysis. *Journal of Experimental Psychology: General*. doi: 10.1037/xge0000672 [Impact Factor = 3.498, Impact Factor_{5year} = 5.301]

Lee, S. T. H., **Hartanto, A.,** Yong, J. C., Koh, B., & Leung, A. K.-y. (2019). Examining the cross-cultural validity of the Positive Affect and Negative Affect Schedule (PANAS) between an Asian (Singaporean) sample and a Western (American) sample. *Asian Journal of Social Psychology*. doi:10.1111/ajsp.12390 [Impact Factor = 1.070, Impact Factor_{5year} = 1.286]

Hartanto, A., Yong, J. C., & Toh W. X. (2019). Bidirectional Associations Between Obesity and Cognitive Function in Midlife Adults: A Longitudinal Study. *Nutrients, 11*(10), 2343. doi:10.3390/nu11102343 [Impact Factor = 4.171, Impact Factor_{5year} = 4.813]

- Hartanto, A.,** Lee, T. H. S., & Yong, J. C. (2019). Dispositional gratitude moderates the association between socioeconomic status and interleukin-6. *Scientific Reports*, 9(1), 802. doi:10.1038/s41598-018-37109-1 [Impact Factor = 4.011, Impact Factor_{5year} = 4.525]
- Featured in The Straits Times
- Toh, W. X., Yang, H., & **Hartanto, A.** (2019). Executive functions and subjective well-being in middle and late adulthood: Evidence from the Midlife Development in the United States Study. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*. doi:10.1093/geronb/gbz006 [Impact Factor = 3.418, Impact Factor_{5year} = 3.911]
- Hartanto, A.,** & Yang, H. (2019). Does early active bilingualism enhance inhibitory control and monitoring? A propensity-matching analysis. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 45(2), 360-378. doi: 10.1037/xlm0000581 [Impact Factor = 2.669, Impact Factor_{5year} = 3.258]
- Tan, Q. Y. J., **Hartanto, A.,** Toh, W. X., & Yang, H. (2019). Commentary: Influence of smartphone addiction proneness of young children on problematic behaviors and emotional intelligence: Mediating self-assessment effects of parents using smartphones. *Frontiers in Psychology*, 10, 115. doi: 10.3389/fpsyg.2019.00115 [Impact Factor = 2.129, Impact Factor_{5year}: 2.871]
- Hartanto, A.,** Toh, W. X., & Yang, H. (2019). Bilingualism narrows socioeconomic disparities in executive functions and self-regulatory behaviors during early childhood: Evidence from the Early Childhood Longitudinal Study. *Child Development*, 90(4), 1215-1235. doi:10.1111/cdev.13032 [Impact Factor = 5.024, Impact Factor_{5year} = 6.151]
- Featured in Scientific American and Association for Psychological Science
- Yang, S., Yang, H., & **Hartanto, A.** (2019). Effects of script variation, literacy skills, and immersion experience on executive attention: A comparison of matched monoscriptal and biscriptal bilinguals. *Bilingualism: Language and Cognition*, 22, 142-156. doi:10.1017/s1366728917000633 [Impact Factor = 2.701, Impact Factor_{5year} = 3.098]
- Hall, B. F., Wagge, J. R., Chartier, C. R., Pfuhl, G., Sieger, S., Vergauwe, E., ..., **Hartanto, A.,** ..., Grahe, J. E. (Accepted in Principle). Registered Replication Report: Turri, Buckwalter, & Blouw (2015). *Advances in Methods and Practices in Psychological Science*.
- Aczel, B., Kovacs, M., Bognar, M., Plafi, B., **Hartanto, A.,** Onie, S., Tiong, L. E., & Evans, T. R. (Accepted in Principle). Is there evidence for cross-domain congruency sequence

effect? A replication of Kan et al. (2013). *Royal Society of Open Science*. [Impact Factor = 2.504, Impact Factor_{5year} = 2.642]

Hartanto, A., & Yong, J. C. (2018). Measurement matters: Higher waist-to-hip ratio but not body mass index is associated with deficits in executive functions and episodic memory. *PeerJ*, 6, e5624. doi:10.7717/peerj.5624 [Impact Factor = 2.353, Impact Factor_{5year} = 2.700]

Toh, W. X., **Hartanto, A.**, Tan, Q. Y. J., & Yang, H. (2018). An investigative approach to investigating bilingual advantages in cognitive decline: The Australian Longitudinal Study of Ageing. *International Journal of Geriatric Psychiatry*, 33(10), 1412–1414. doi:10.1002/gps.4920 [Impact Factor = 3.141, Impact Factor_{5year} = 3.349]

Hartanto, A., Toh, W. X., & Yang, H. (2018). Context counts: The different relations of weekday and weekend video gaming to academic performance in mathematics, reading, and science. *Computers & Education*, 120, 51–63. doi:10.1016/j.compedu.2017.12.007 [Impact Factor = 5.627, Impact Factor_{5year} = 5.902]

- Featured in The Business Times

Nelson, L., O'Donnell, M., Ackermann, E., Aczel, B., Akhtar, A., Aldrovandi, S., ..., **Hartanto, A.**, ..., Zubka, M. (2018). Registered replication report: Dijksterhuis & Van Knippenberg (1998). *Perspectives on Psychological Science*, 13(2), 268–294. doi:10.1177/1745691618755704 [Impact Factor = 8.190, Impact Factor_{5year} = 10.577]

- Featured in the British Psychological Association

Hartanto, A., Yang, H., & Yang, S. (2018). Bilingualism positively predicts mathematical competence: Evidence from two large-scale studies. *Learning and Individual Differences*, 61, 216–227. doi: 10.1016/j.lindif.2017.12.007 [Impact Factor = 1.809, Impact Factor_{5year} = 2.525]

Yang, H., **Hartanto, A.**, & Yang, S. (2018). Bilingualism confers advantages in task switching: Evidence from the Dimensional Change Card Sort Task. *Bilingualism: Language and Cognition*, 21, 1091-1109. doi:10.1017/S136672891700044X [Impact Factor = 2.701, Impact Factor_{5year} = 3.098]

Hartanto, A., & Yang, H. (2016). Is the smartphone a smart choice? The effect of smartphone separation on executive functions. *Computers in Human Behavior*, 64, 329-336. doi:10.1016/j.chb.2016.07.002 [Impact Factor = 4.306, Impact Factor_{5year} = 4.964]

- Featured in The Telegraph, Science Development Network, Parent Herald, The Straits Times

Hartanto, A., Toh, W. X., & Yang, H. (2016). Age matters: The effect of onset age of video game play on task-switching abilities. *Attention, Perception, & Psychophysics*, 78(4), 1125–1136. doi:10.3758/s13414-016-1068-9 [Impact Factor = 1.793, Impact Factor_{5year} = 1.968]

- Featured in the Psychonomic Society, The Business Times

Yang, H., **Hartanto, A.**, & Yang, S. (2016). The importance of bilingual experience in assessing bilingual advantages in executive functions. *Cortex*, 75, 237-240. doi:10.1016/j.cortex.2015.11.018 [Impact Factor = 4.907, Impact Factor_{5year} = 4.970]

Hartanto, A., & Yang, H. (2016). Disparate bilingual experiences modulate task-switching advantages: A diffusion model analysis of the effects of interactional context on switch costs. *Cognition*, 150, 10-19. doi:10.1016/j.cognition.2016.01.016 [Impact Factor = 3.537, Impact Factor_{5year} = 4.332]

Yang, H., **Hartanto, A.**, & Yang, S. (2016). The complex nature of bilinguals' language usage modulates task-switching outcomes. *Frontiers in Psychology*, 7. doi:10.3389/fpsyg.2016.00560 [Impact Factor = 2.129, Impact Factor_{5year}: 2.871]

Hartanto, A., & Suárez, L. (2016). Conceptual representation changes in Indonesian-English bilinguals. *Journal of Psycholinguistic Research*, 45(5), 1201-1217. doi:10.1007/s10936-015-9399-6 [Impact Factor = 0.655, Impact Factor_{5year} = 0.791]

Op-ed articles

Lee, T. H. & **Hartanto, A.** (2020, February). Positivity can strengthen immunity, *The Straits Times*, p. B11. <https://www.straitstimes.com/singapore/health/positivity-can-strengthen-immunity>

Ong, W. T., & **Hartanto, A.** (2019, July). Falling for falsehoods - a diet for prevention, *The Straits Times*, p. A33. <https://www.straitstimes.com/singapore/falling-for-falsehoods-a-diet-for-prevention>

Hartanto, A., & Toh, W. X. (2019, April). Video gaming can benefit students: Study [Original title: A closer look into the video games debate], *The Business Times*, p. 35. <https://www.businesstimes.com.sg/opinion/video-gaming-can-benefit-students-study>

Hartanto, A., & Yang, H. (2017, June). Being smart about using smartphones, *The Straits Times*, p. B11. <http://www.straitstimes.com/singapore/being-smart-about-using-smartphones>

Conference Presentations

Yang, H., Ng, W. Q., **Hartanto, A.**, & Yang, S. (March, 2019). *The Impact of Smartphone Exposure on Executive Attention during Early Childhood*. Paper presented at the 2019 Biennial Meeting of the Society for Research in Child Development. Baltimore: MD.

Lau, I. Y-M., **Hartanto, A.**, Yong, J. C., & Yang, H. (July, 2018). *Culture Moderates the Effect of Perceived Obligation on Inflammation and Cardiovascular Risk*. Paper presented at the 24th International Congress of International Association for Cross-Cultural Psychology. Guelph: Canada

Hartanto, A., & Yang, H. (May, 2018). *The Moderating Role of Working Memory Capacity on the Relations between Anxiety and Task-switching*. Poster presented at the 30th Association for Psychological Science Annual Convention. San Francisco: CA.

Hartanto, A., Toh, W. X., Tan, Q. Y. J., & Yang, H. (May, 2018). *Investigating the Relation between Smartphone Overuse and Executive Functions*. Poster presented at the International Meeting of the Psychonomic Society 2018. Amsterdam: NL.

Hartanto, A., & Yang, H. (July, 2017). *The relationship between anxiety, mind wandering and task-switching: A diffusion model analysis*. Poster presented for the 39th Annual Meeting of the Cognitive Science Society. London: United Kingdom.

Hartanto, A. (June, 2017). *The relationship between video game and cognition: Differentiating some myth and fact*. Paper presented for the Royal Society Commonwealth Science Conference. Singapore: SG.

Hartanto, A., Yang, H., & Koh, B. (May, 2015). *Investigating the relationship between early onset of actively playing video games and shifting aspects of executive control*. Poster presented at the 27th Association for Psychological Science Annual Convention. New York: NY.

Hartanto, A., Suárez, L., & Yen, L. T. Y. (March, 2015). *Are bilinguals full-time translators? The evidence of implicit automatic translation in Indonesian-English bilinguals*. Poster presented at National Psychology Graduate Students Conference. Singapore: SG.

Invited Talks

Hartanto, A. (March, 2019). *A Critical Examination on Video Games Debate*. Presented at the Capstone Seminar, Singapore Management University

Hartanto, A. (September, 2018). *Culture Moderates the Role of Perceived Obligation in Influencing Inflammation and Cardiovascular Risk: Evidence for Culturally Distinct Pathways to Achieving Positive Health Outcomes*. Presented at the Behavioral Science Institute, Singapore Management University

Hartanto, A. (October, 2017). *The Role of Experiential Factors in Shaping our Cognition: Evidence from Bilingualism and Video games*. Presented at the Behavioral Science Institute, Singapore Management University

Teaching and Mentoring Experiences

Teaching Experiences

Fall 2020 **Instructor**
Singapore Management University
PSYC110 Psychology Research Methods 1
IDST304 Independent Project

Spring 2020 **Instructor**
Singapore Management University
PSYC001 Introduction to Psychology
IDST304 Independent Project

Fall 2019 **Instructor**
Singapore Management University
PSYC110 Psychology Research Methods 1
IDST304 Independent Project

Spring 2019 **Instructor**
Singapore Management University
PSYC103 Cognitive Psychology
PSYC110 Psychology Research Methods 1
IDST304 Independent Project

Fall 2018 **Instructor**
Singapore Management University

Introduction to Psychology (PSYC001)
Psychology Research Methods 1 (PSYC110)

2016 – 2018

Guest Lecturer

Singapore Management University

Multivariate Statistics (Topic: Introduction to Archival Data and
Secondary Analyses)

Cognitive Psychology (Topic: Executive Functions)

2016 – 2018

Teaching Assistant

Singapore Management University

PSYC104 Developmental Psychology

PSYC103 Cognitive Psychology

OBHR602 Negotiation in Business

Mentoring Experiences

2020 – 2021

Undergraduate Senior Thesis Supervisor

D'Alene Phua Hui Ning

Lee Yan Xin

Undergraduate Independent Project Supervisor

Gloria Lai

Manmeet Kaur

Ng Hok Shan Matthew

Chong Jun Sen

Meenakshi Kothari

Verity Lua Yu Qing

Doctoral Dissertation Committee

Oh Hui Si

Master Thesis Committee

Shuna Khoo Shi Ann

Wynn Tan

2019 – 2020

Undergraduate Senior Thesis Supervisor

Nadia Ong Cui Hui

Colin Chai Kai Ning

Undergraduate Independent Project Supervisor

Lee Yan Xin

Nadyanna Binte Mohamed Majeed

Lucas Ethan Tiong

Teo Jia Jun

Jeremy Lu Jia Wey

Doctoral Dissertation Committee

Nadhilla Velda Melia

Ho Ngai Meng

Master Thesis Committee

Toh Wei Xing

Shuna Khoo Shi Ann

Undergraduate Senior Thesis Co-examiner

	Cheong Wen Xin Jeannette	Lim Pei Shan
2018 – 2019	Undergraduate Independent Project Supervisor	
	Ong Wei Teck	Tan Yu Xin
	Undergraduate Senior Thesis Co-examiner	
	Germaine Tng Yue Qi	

Professional Services

2020	SOSS Faculty Representative for Graduate Instructors Teaching Workshop <i>Singapore Management University, Center for Teaching Excellence</i>
2019 – Present	Reviewer Board <i>International Journal of Environmental Research and Public Health</i>
2019 – Present	Review Editor <i>Frontiers in Organizational Psychology</i>
2018 – Present	Subject Pool Coordinator <i>Singapore Management University, School of Social Sciences</i>
2018 – Present	Review Editor <i>Frontiers in Developmental Psychology</i>
2014 – 2018	Research Assistant <i>Singapore Management University, School of Social Sciences</i>
2016 – 2017	Research Assistant <i>Singapore Management University, Center for Teaching Excellence</i>

Ad-hoc Reviewers

<i>Cognition</i>	<i>Consciousness and Cognition</i>
<i>Computers in Human Behavior</i>	<i>Psychological Science</i>
<i>Journal of Cross-cultural Psychology</i>	<i>Psychonomic Bulletin and Review</i>
<i>Frontiers in Cognition</i>	<i>Sustainability</i>
<i>Behavioral Sciences</i>	<i>Frontiers in Developmental Psychology</i>
<i>Applied Sciences</i>	<i>Nutrients</i>
<i>Diagnostics</i>	<i>Journal of Happiness Studies</i>
<i>Behaviour & Information Technology</i>	<i>British Journal of Educational Psychology</i>
<i>Bilingualism: Language and Cognition</i>	<i>International Journal of Bilingualism</i>
<i>Developmental Review</i>	<i>Personality and Individual Differences</i>
<i>Journal of Gerontology: Medical Science</i>	<i>Brain Sciences</i>

Professional Affiliations

- Association for Psychological Science
- Cognitive Science Society
- Psychonomic Society

Selected Media Mention

- The Straits Times (August, 2019). Nudging people to eat healthy. <https://www.straitstimes.com/lifestyle/nudging-people-to-eat-healthy>
- The Straits Times (August, 2019). Putting less food on the plate is best way to nudge people to eat healthy, says study. <https://www.straitstimes.com/lifestyle/putting-less-food-on-the-plate-is-best-way-to-nudge-people-to-eat-healthy-says-study>
- The Straits Times (May, 2019). Dial down on phone use to live longer. <https://www.straitstimes.com/lifestyle/dial-down-on-phone-use>
- The Straits Times (May, 2019). Be smart about smartphone use. <https://www.straitstimes.com/lifestyle/be-smart-about-smartphone-use>
- The Business Times, The Broad View (April, 2019). Video gaming can benefit students: Study. <https://www.businesstimes.com.sg/opinion/video-gaming-can-benefit-students-study>
- Scientific American (June, 2018). Speaking a Second Language May Give Low-Income Kids a Boost. <https://www.scientificamerican.com/article/speaking-a-second-language-may-give-low-income-kids-a-boost/>
- The Straits Times, Science Talk. (July, 2017). Being smart about using smartphones. <http://www.straitstimes.com/singapore/being-smart-about-using-smartphones>
- Science and Development Network (October, 2016). Smartphone smart choice? <http://www.scidev.net/america-latina/comunicacion/noticias/telefonos-inteligentes-eleccion-inteligente.html>
- The Telegraph (August, 2016). Banning smartphones from classrooms could damage education, warn researchers. <http://www.telegraph.co.uk/science/2016/08/23/banning-smartphones-from-classrooms-could-damage-education-warn/>
- Parent Herald (August, 2016). Smartphones in classrooms: Is it damaging or improving children's education. <http://www.parentherald.com/articles/63133/20160824/smartphones-classrooms-damaging-improving-children-s-education.htm>
- Psychonomic Society (July, 2016). Lifelong experience with video gaming confers enhanced cognitive benefits. <http://www.psychonomic.org/news/298709/Lifelong-experience-with-video-gaming-confers-enhanced-cognitive-benefits.htm>

Others

- Language: English, Mandarin, Bahasa Indonesia, Malay, Teochew