

Jean CJ Liu

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Yale-NUS College, 28 College Ave West, #01-501, Singapore 138533

Appointments

- 2014-Present: Assistant Professor**
Yale-NUS College (Singapore)
- 2014-Present: Adjunct Assistant Professor**
Duke-NUS Graduate Medical School (Singapore)
- 2011-2014: Post-Doctoral Research Fellow**
Duke-NUS Graduate Medical School (Singapore)
Advisor: Michael Chee
- 2009-2011: Research Assistant**
Institute of Mental Health (Singapore)
Advisors: Daniel Fung, Rebecca Ang, & Adrian Raine
- 2006-2008: Academic Tutor**
School of Psychology
The University of New South Wales (Sydney, Australia)

Education

- 2010: PhD in Psychology**
The University of New South Wales (Sydney, Australia)
Advisor: Mark Dadds
Thesis: *"Love is in the air: The effects of intra-nasally administered oxytocin on the formation of romantic relationships."*
- 2006: Bachelor of Psychology (Hons Class 1 and the University Medal)**
The University of New South Wales (Sydney, Australia)
Advisor: Peter Lovibond
Thesis: *"Can unaware participants show eyeblink conditioning? An analysis of Clark and Squire's (1998) dual-process learning theory."*
- 2001: Singapore-Cambridge GCE O-Level Examinations**
Dunman High School, Gifted Education Programme (Singapore)
- 2001: DipABRSM, Piano Performance**
Associated Board of the Royal Schools of Music (London, United Kingdom)

Grants

- 2016-2018: Ministry of Education Tier 1 Grant**
“Exploring the effects of oxytocin on postprandial regulation of food intake” (PI: \$100,000)
- 2016-2018: Humanities and Social Sciences Research Fund**
“Nudging policies in Asia: Evaluating Singapore’s opt-out system for organ donation” (PI: \$99,977)
- 2016: Ministry of Education Tier 1 Grant**
“Predicting and modifying outcomes in romantic relationships” (PI: \$65,722)
- 2016: Yale-NUS Teaching Innovation Grant**
“Developing a psychology and public policy lab” (PI: \$5,230)
- 2014-2017: Yale-NUS Start-Up Grant**
“Understanding social relations and appetite regulation: A social neuroscience approach” (PI: \$120,000)

Awards

- 2015: Silver Award for Best Publication**
Annals, Academy of Medicine (Singapore)
- 2013: Best Presentation Award**
Social Cognitive Neuroscience Summer School Mini-Symposium (Trieste, Italy)
- 2013: Research Training Fellowship**
Social Cognitive Neuroscience Summer School (Trieste, Italy)
- 2008: Minoru Hokari Memorial Scholarship**
The University of New South Wales (Sydney, Australia)
- 2006-2009: The University International Postgraduate Award**
The University of New South Wales (Sydney, Australia)
- 2006: The University Medal**
The University of New South Wales (Sydney, Australia)
- 2003: University Literary Award**
The University of New South Wales (Sydney, Australia)

Publications

*Denotes corresponding author; #denotes student collaborator

Peer Reviewed Journals

- Massar, S. A. A., **Liu, J. C. J.**, & Chee, M. W. L. (forthcoming). Poor habitual sleep efficiency is associated with increased cardiovascular and cortisol stress reactivity in men. *Psychoneuroendocrinology*.
- Liu, C. W., Lai, C. K. Y.#, Lu, B. Z.#, Thangavelautham, S., Ho, V. K., **Liu, J. C. J.*** (forthcoming). A comparison of mandated, presumed, and explicit consent systems for deceased organ donation among university students in Singapore. *Annals of the Academy of Medicine of Singapore*.
- Mullette-Gillman, O. A., Kurnianingih, Y. A., & **Liu, J. C. J.** (2015). Sleep deprivation alters choice strategy without altering uncertainty or loss aversion preferences. *Frontiers in Neuroscience: Decision Neuroscience*, 9, 352.
- Liu, J. C. J.**, Verhulst, S.#, Massar, S. A. A., Chee, M. W. L. (2015). Sleep deprived and sweating it out: The effects of total sleep deprivation on skin conductance reactivity to psychosocial stress. *SLEEP*, 38, 155-159.
- Liu, J. C. J.***, Raine, A., Ang, R. P., Fung, D. S. S. (2015). An analysis of blinding success in a psychiatric trial of omega-3. *Annals of the Academy of Medicine of Singapore*, 44, 85-91.
- Liu, J. C. J.**, Mulick, D., Chee, M. W. L. (2014). Odd one out: Social ostracism affects self-reported needs in both sleep deprived and well-rested persons. *Journal of Sleep Research*, 34, 448-457.
- Lee, Y., Chong, M. F. F., **Liu, J. C. J.**, Libedinsky, C., Gooley, J. J., Chen, S., Wu, T., Tan, V., Zhou, M., Meaney, M. J., Lee, Y. S., Chee, M. W. L. (2013). Dietary disinhibition modulates neural valuation of food in the fed and fasted states. *American Journal of Clinical Nutrition*, 97, 919-925.
- Liu, J. C. J.***, Guastella, A. J., & Dadds, M. R. (2013). Exploring the role of intranasal oxytocin on the partner preference effect in humans. *Psychoneuroendocrinology*, 38, 587-591.
- Liu, J. C.***, Ang, R. P., & Fung, D. S. (2013). Something fishy: The issue of omega-3 blinding in psychiatric clinical trials. *Australian and New Zealand Journal of Psychiatry*, 47, 201-205.
- Liu, J. C. J.***, Guastella, A. J., & Dadds, M. R. (2012). Effects of oxytocin on human social approach measured using intimacy equilibriums. *Hormones and Behavior*, 62, 585-591.
- Liu, J. C. J.***, McErlean, R. A., & Dadds, M. R. (2012). Are we there yet? The clinical potential of intranasal oxytocin in psychiatry. *Current Psychiatry Reviews*, 8, 37-48.
- Lovibond, P. F., **Liu, J. C. J.**, Weidemann, G., & Mitchell, C. J. (2011). Awareness is necessary for differential trace and delay conditioning in humans. *Biological Psychology*, 87, 393-400.
- Oveisi, S., Ardabili, H. E., Majdzadeh, R., Mohammadkhani, P., Rad, J. A., & **Loo, J.** (2010). Mothers' attitudes toward corporal punishment of children in Qazvin-Iran. *Journal of Family Violence*, 25, 159-164.

Others

Loo, J. (2003). The grinning addiction. *Unsweetened Literary Journal*, 6. [Poetry read aloud at the Sydney Writers' Festival, 2003]

Presentations

Conferences

Low, B., Phua, D., Vijayakumar, K., Karnani, N., Lee, Y. S., Yap, F., Chong, M. F. F., Broekman, B. F. P., Rifkin-Graboi, A., Gluckman, P., Chong, Y. S., Meaney, M., & **Liu, J. C. J.** (2015, October). Variation in *OXTR* genotype is associated with early childhood adiposity. Nano-symposium talk given at the 45th annual meeting of the Society for Neuroscience and poster presented at the 6th annual meeting of the Society for Social Neuroscience, Chicago, United States of America.

Vijayakumar, K., Low, B., Gooley, J. J., Lee, Y. S., Yap, F., Chong, M. F. F., Broekman, B. F. P., Rifkin-Graboi, A., Kwek, K., Chong, Y. S., Gluckman, P., Meaney, M., & **Liu, J. C. J.** (2015, October). Transgenerational effects? Limited evidence that maternal sleep patterns during pregnancy predict weight status and adiposity in 36-month-old children. Poster presented at the 45th annual meeting of the Society for Neuroscience and at the 6th annual meeting of the Society for Social Neuroscience, Chicago, United States of America.

Kuek, N. M. Y., Tan, E. S. L., Seet, J. S., & **Liu, J. C. J.** (2015, October). A single dissociation: Intranasal oxytocin selectively alters affiliative but not sexual cues during a dyadic interaction. Poster presented at the 45th annual meeting of the Society for Neuroscience and at the 6th annual meeting of the Society for Social Neuroscience, Chicago, United States of America.

Kurnianingsih, Y. A., Leong, R. L. F., Sim, S. K. Y., **Liu, J. C. J.**, Huettel, S. A., Chee, M. W. L., & Mullette-Gillman, O. A. (2013, September). Differential modulation of economic decision making by aging, sleep deprivation, and cognitive fatigue. Poster presented at the 11th annual meeting of the Society for Neuroeconomics, Lausanne, Switzerland.

Liu, J. C. J. (2013, July). Beauty – in the eye of the beholder administered testosterone? Talk given at the 1st edition of the Social Cognitive Neuroscience Summer School, Trieste, Italy.

Liu, J. C. J., Guastella, A. J., & Dadds, M. R. (2012, October). Effects of oxytocin on human social approach measured using intimacy equilibriums. Poster presented at the 3rd annual meeting of the Society for Social Neuroscience, New Orleans, United States of America.

Lee, Y., Chong, M. F. F., **Liu, J. C. J.**, Libedinsky, C., Chen, S., Wu, T., Tan, V., Zhou, M., Meaney, M. J., Lee, Y. S., & Chee, M. W. L. (2012, October). Dietary disinhibition modulates neural valuation of food in fed and fasted states. Poster presented at the 42nd annual meeting of the Society for Neuroscience, New Orleans, United States of America.

Mullette-Gillman, O. A., Mak, E., **Liu, J. C. J.**, Huettel, S. A., Chee, M. W. L. (2012, September). Sleep deprivation alters strategic choice without altering uncertainty preferences. Poster presented at the 10th annual meeting of the Society for Neuroeconomics, Miami, United States of America.

- Lee, Y., Libedinsky, C., **Liu, J. C. J.**, Zhou, M., Tan, V., Chong, M., Meaney, M., Lee, Y. S., & Chee, M. W. L. (2012, June). Neural valuation of food under fed and fasted conditions. Poster presented at the 18th annual meeting of the Organization for Human Brain Mapping, Beijing, China.
- Loo, J. C. J.**, Fung, D. S. S., Caroline, W., Su, L., Lim, N. S. J., Yang, D. H. Y., Lim, C. G., & Meaney, M. J. (2010). The relation between weight and clinical symptoms in children with attention deficit hyperactive disorder. *Annals of the Academy of Medicine Singapore*, 39 (Suppl), S126.
- Loo, J. C. J.**, Lim, W. S., Yang, D. H. Y., Lim, N. S. J., Caroline, W., Su, L., Lim, C. G., & Fung, D. S. S. (2010, October). I eat, therefore I am: A case for nutritional analysis in the care of disruptive behavior disorders. Poster presented at the 57th annual meeting of the American Academy of Child and Adolescent Psychiatry, New York, United States of America.
- Ong, S. H., Tan, A., **Loo, J.**, & Lim, E. (2010, October). Non-suicidal self-injury (NSSI) in Asian adolescents – relationship between functions served by NSSI and diagnosis. Poster presented at the 57th annual meeting of the American Academy of Child and Adolescent Psychiatry, New York, United States of America.
- Lim, S. H. S., Kheng, J. L., **Loo, J. C. J.**, & Fung, D. S. S. (2010, October). A hyperactive avatar's quest to save the dolphin: A cognitive-based online gaming program. Poster presented at the 57th annual meeting of the American Academy of Child and Adolescent Psychiatry, New York, United States of America.
- Yang, D., Lim, N., Su, L., Caroline, W., **Loo, J.**, Lim, C. G., & Fung, D. S. S. (2010, May). A preliminary observation on the role of fatty acids in childhood disruptive behaviour disorders in Singapore. Poster presented at the 9th biennial meeting of the International Society for the Study of Fatty Acids and Lipids, Maastricht, the Netherlands.
- Loo, J.**, Lovibond, P., & Mitchell, C. (2006, July). Relationship between differential eyeblink conditioning and contingency awareness with delay and trace procedures. Paper presented at the 3rd conference of the Australian Learning Group, Magnetic Island, Australia.

Colloquia and Invited Talks

- Invited Presentation at the Land Transport Authority, 31 May 2017
- Invited Workshop at the Civil Service College Public Service Week, 17 May 2017
- Invited Presentation at the Humanities and Social Sciences Research Program Mentors' Tea, 30 January 2016
- Invited Presentation at the Dunman High School Research Ethics Seminar, 25 February 2015
- Invited Presentation at the Ministry of Education Professional Development Event for Teachers, 13 February 2015
- Invited Presentation at the Humanities and Social Sciences Research Program Mentors' Tea, 31 January 2015
- Invited Talk at the National University of Singapore Open Day, 14 March 2015
- Invited Presentation at the University of Western Australia Research Centre for the Advancement of Research on Emotion, 20 October 2014
- Invited Talk at the Institute of Mental Health Department of Child and Adolescent Psychiatry Research Day, 1 July 2014

Research Update at the Institute of Mental Health Department of Child and Adolescent Psychiatry Teaching Programme, 26 November 2013
Invited Presentation at the Institute of Mental Health Department of Child and Adolescent Psychiatry Research Retreat, 1 December 2012

Professional Activities

Professional Committees

Founding vice-president, Society for Social Neuroscience (Singapore chapter)

University Service at Yale-NUS College

Member, Research Committee (2014-2015)

Member, Search Committee for Psychology (2015-2016)

Member, Working Group on Quantitative and Computation Skills (2015)

Member, Science Curriculum Review Committee (2016)

Facilitator, Summer Social Science Research Program (2015-2016)

Faculty advisor, So/psy/iety and Habitat for Humanity Chapter (2015-2017)

Courses Taught

Comparative Social Inquiry, Introduction to Psychology, Understanding Behavior and Cognition, Assessment and Personality, Social Psychology, Research Methods, Quantitative Reasoning, Week 7: Love Inc., The Better Policy Lab: Lab in Psychology and Public Policy

Ad-Hoc Reviewer

Biological Psychology, Psychoneuroendocrinology, Child Psychiatry and Human Development, BMC Psychology

High School Involvement

Supervisor, Humanities and Social Sciences Research Program (2014-2016)

Supervisor, Science Mentorship Program (2015)

Invited Panelist

Panelist for the Ministry of Education Humanities and Social Sciences Research Programme project review, 23 August 2014

Panelist for the Ministry of Education Gifted Education Programme Annual Conference, 20 November 2014

Consultancy

Community projects for the Tampines Group Representation Constituency

Product advising for dating apps (Paktor and Sapio)

Research Interests

- Primary interest: The influence of psychoneuroendocrinology and the modern environment on the regulation of natural rewards in humans (food and love)
- Secondary interest: Societal psychology and its implications for public policy