

The Science of Being a Scientist

Speaker: Prof. Dean Mobbs
Professor of Cognitive Neuroscience
The California Institute of Technology

Date : 6 August 2024 (Tuesday)
Time : 10:30 – 11:30 am
Venue : LI-6376, 6/F, Li Dak Sum Yip Yio Chin Academic Building, CityU
Moderator : Prof. Zhen Shanshan (Assistant Professor)
Language : English

Abstract

This seminar will provide students with a unique insight into the skills used by successful scientists in the social sciences, with the focus being on psychology and cognitive neuroscience. Three main topics will be covered:

- Creative idea formation.
- Science communication including presentations.
- Academic integrity.

Recommended readings:

- E.O. Wilson (2013) Letters to a Young Scientist (book)
- Schofield, Thomas M. "On my way to being a scientist." Nature 497.7448 (2013): 277-278.
- Mensh, B., & Kording, K. (2017). Ten simple rules for structuring papers. PLOS Computational Biology, 13(9), e1005619.
- Sternberg, R. J., Gordeeva, T. (1996), The anatomy of impact: What makes an article influential? Psychological Science, 7: 69–75.
- Bourne PE, Barbour V (2011) Ten Simple Rules for Building and Maintaining a Scientific Reputation. PLoS Comput Biol 7(6): e1002108.
- Bourne, P. E. (2007). Ten simple rules for making good oral presentations. PLoS computational biology, 3(4), e77.
- Mobbs, D. and Tashjian, S.M.. (2022). Ten Simple Rules for unbiased teaching. PLoS-Computational Biology. 18(10): e1010344.



Biography

Dean conducted his PhD at University College London, and was a senior scientist at the MRC-CBU at the University of Cambridge. He is a life member of Clare Hall at the University of Cambridge and a former Professor at Columbia University in New York. Currently, Dean is a Professor of Cognitive Neuroscience at the California Institute of Technology, and has consulted for Google DeepMind for over a decade. His research is in the neuroscientific and computational underpinnings of social behavior, emotion, and survival behaviors. His research has been published in many leading scientific journals including Science, Neuron, and Nature. He is the recipient of the APS Janet Spence Award for Transformative Early Career Contributions, currently holds a leadership the Allen V. C. Davis and Lenabelle Davis Leadership Chair, and is the director of the Caltech Brain Imaging Center. Prof. Mobbs currently serves as the Departmental Visiting Professor at the Department of Social and Behavioural Sciences at CityU.

ALL ARE WELCOME

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