The serendipitous moment leading to the discovery of the Bayesian Mindsponge Framework

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2021 has not yet ended, but until now, I can say this year is one of the most progressive years in my life. What made me progress so fast is that I discovered the potentials of the Mindsponge mechanism [1,2] and turned it into an applicable research framework: Bayesian Mindsponge Framework (or Bayesian Mindsponge analytical framework) [3,4].

The idea of using the Mindsponge mechanism to explain the mental processes has emerged in my mind a long time ago since I wrote the first scientific article about depression, acculturative stress, and social connectedness among university students [5]. However, I felt that something was missing, so I could not progress further and apply the Mindsponge mechanism as a theoretical framework.

Things changed when one moment happened. I was joking with my friend (Mr Le Tam Tri) while discussing how suicidal ideation can arise within a human mind. At that moment, I found the missing piece for my long-seeking answer. Only when treating information as a particle can the Mindsponge information-processing mechanism ideally be applied in explaining the mental process.

Since that serendipitous moment, I have felt like being “enlightened”. I can comprehend the thinking process of humans more deeply, which helps me progress so fast and explain many complex psychological processes afterwards [6-11]. Is that “serendipity as a strategic advantage”? [12]

References

1. Vuong QH. (2016). Global mindset as the integration of emerging socio-cultural values through mindsponge processes: A transition economy perspective. In J. Kuada (Ed.), *Global Mindsets: Exploration and Perspectives* (pp. 123-140). New York: Routledge.
2. Vuong QH, Napier NK. (2015). Acculturation and global mindsponge: An emerging market perspective. *International Journal of Intercultural Relations*, 49, 354-367.
3. Nguyen MH, Le TT. (2021). Bayesian Mindsponge Framework. *Scholarly Community Encyclopedia* Retrieved from: <https://encyclopedia.pub/13852>
4. Nguyen MH, Le TT, Nguyen HKT, Ho MT, Nguyen HTT, Vuong QH. (2021). Alice in Suicideland: Exploring the suicidal ideation mechanism through the sense of connectedness and help-seeking behaviors. *International Journal of Environmental Research and Public Health*, 18(7), 3681.
5. Nguyen MH, Le TT, Meirmanov Serik. (2019). Depression, Acculturative Stress, and Social Connectedness among International University Students in Japan: A Statistical Investigation. *Sustainability*, 11(3), 878.
6. Vuong QH, Nguyen MH, Le TT. (2021). *A Mindsponge-Based Investigation into the Psycho-Religious Mechanism Behind Suicide Attacks*. Warsaw, Poland: De Gruyter / Sciendo.
7. Vuong QH, Nguyen MH, Le TT. (2021). Home scholarly culture, book selection reason, and academic performance: Pathways to book reading interest among secondary school students. *European Journal of Investigation in Health, Psychology and Education*, 11(2), 468-495.
8. Nguyen MH, Jones TE. (2021). Predictors of support for a biodiversity loss countermeasure and bushmeat consumption among Vietnamese urban residents. OSF Preprints. Retrieved from: <https://osf.io/9kdbw/>
9. Nguyen MH, Nguyen TTH, Ho MT, Le TT, Vuong QH. The Roles of Female Involvement and Risk Aversion in Open Access Publishing Patterns in Vietnamese Social Sciences and Humanities. *Journal of Data and Information Science*, 7(1), AOP.
10. Vuong QH, Le TT, Nguyen QL, Nguyen QT, Nguyen MH. (2020). Escaping from air pollution: The psychological process of domestic migration intention among urban people. *arXiv*, 2108.00497.
11. Vuong QH, Nguyen MH, Nguyen QL, Nguyen QT, Le TT. (2021). A gender study of food stress and implications for international students acculturation. OSF Preprints. Retrieved from: <https://osf.io/d28xt/>

12. Napier NK, Vuong QH. (2013). Serendipity as a strategic advantage? In T Wilkinson & VR Kannan (Eds.), *Strategic Management in the 21st Century* (Vol. 1). Santa Barbara, California: Praeger.