

Vuong Quan Hoang--deleted

Subjects: [Sociology](#) | [Cultural Studies](#) | [Business, Finance](#)

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Dr. Vuong Quan Hoang (also known as Quan-Hoang Vuong and original Vietnamese name: Vương Quân Hoàng) is one of the most important figures in contemporary Vietnamese social sciences and humanities, especially after 2000. He is the founder of [Centre for Interdisciplinary Social Research](#) (Phenikaa University, Hanoi, Vietnam) and [Vietnam Chapter of the European Association of Science Editors](#). Since his first publication in 1997, he has substantially contributed to Open Science and proposed five notable theoretical frameworks and concepts: 1) [Serendipity as a strategic advantage](#), 2) [3D information process of creativity](#), 3) [Mindsponge mechanism](#), 4) [Cultural additivity](#), 5) [Semi-conducting principle](#), and 6) [Nature, emergence, and mechanism of serendipity](#).

Vuong Quan Hoang

social sciences

interdisciplinary research

Serendipity as a strategic advantage

3D information process of creativity

Mindsponge mechanism

Cultural additivity

Semi-conducting principle

Open Science

Retraction

Transparency

philosophy of sci

1. Career

Dr. Vuong Quan Hoang (who will be identified as “Vuong” throughout this biography piece) is one of the most important figures in contemporary Vietnamese social sciences and humanities, especially after 2000. In the early 2000s, his publications focused on applied econometrics and probability, with some examples being [\[1\]](#)[\[2\]](#)[\[3\]](#)[\[4\]](#). Study [\[1\]](#) was the first academic paper to report anomalies and herd behavior in Vietnam’s newborn stock market, just four years after its inception, and [\[3\]](#) has for more than a decade now become a key reference for practitioners and academic research in assessing and building credit risk evaluation models for Vietnamese banks’ individual and corporate customers.

Vuong is currently the director of [Centre for Interdisciplinary Social Research](#) (Phenikaa University, Hanoi, Vietnam) and the Founding Chair of [Vietnam Chapter of the European Association of Science Editors](#). Besides, he is also affiliated with the [Centre Emile Bernheim de Recherche Interdisciplinaire en Gestion](#) (CEBRIG, Université Libre de Bruxelles), in which he obtained the PhD degree in 2004. He serves as a [Distinguished Associate Member](#) with [Vietnam Institute for Advanced Study in Mathematics \(VIASM\)](#) during 2021-2024. His other notable positions include:

- Member of five journals' editorial boards: [Humanities & Social Sciences Communications](#) (formerly, *Palgrave Communications of Nature*), [Scientific Data](#) (Nature Publishing Group), [Springer Nature Social Sciences](#) (Springer Nature), [Journal of Risk and Financial Management](#) (MDPI), and [European Science Editing](#) (European Association of Science Editors).
- Member of [Scientific Council on Basic Research in the Social Sciences and Humanities](#) (Economics Section), the National Foundation for Science and Technology Development (NAFOSTED), Vietnam Ministry of Science and Technology (from 2018 to present).
- Member of the Scientific Committee of Phenikaa University (from 2019 to present).
- Member of the Hanoi Stock Exchange (HNX) Index Committee (from 2012 to 2016).



Dr. Vuong Quan Hoang

2. Projects and Awards

Since 1997, Vuong has contributed to hundreds of works and projects. His most remarkable projects and awards can be listed as follows:

- In 2009, he co-authored with Prof. [Phạm Minh Chính](#) (Vietnam Prime Minister from 2021) to write a history book about Vietnamese economy. The book was titled "[Kinh tế Việt Nam: Thăng trầm và đột phá](#)" and published by the National Political Publishing House [\[5\]](#)[\[6\]](#).
- In 2018, he initiated and led the SSHPA project, comprising the [first Vietnamese national database on social sciences and humanities](#) and the [first Vietnamese science communication website](#) [\[7\]](#). The project was funded by NAFOSTED during 2018-2021.
- In 2019, he collaborated with Professor [Ngô Bảo Châu](#) (Fields Medalist – Leader of VIASM & Math Professor at University of Chicago) to start the [SciMath project](#) – the first national database of Vietnam mathematics. The

database records the 80-year development of Vietnam mathematical research [8][9][10]. Since 2021, he has been invited to be a Distinguished Associate Member with VIASM to continue developing the database.

- From 2017 to 2021, he has had 12 pieces of research and opinions published in Nature journals [7][11][12][13][14][15][16][17][18][19][20][21][22].
- Based on his genuine contemplation of humanistic values and wisdom in life, he wrote a collection of short stories that is titled "[Nghĩa ngôn bói cá](#)" [The Kingfisher story collection].
- In 2017, he collaborated with Mr. La Viet-Phuong to develop the [bayesvl R package](#) – an open Bayesian modeling and analysis software package[23][24][25]. They officially published the software in The Comprehensive R Archive Network (CRAN) on 18th May 2019. [The package was introduced in various news outlets.](#)
- He is awarded the Distinguished Scientist title by Phenikaa University ([ranked first in Vietnam according to Nature Index 2021](#)).
- He has received multiple Research Excellence Awards from affiliated universities: Phenikaa University (2018-2020), Thanh Tay University (2017), and FPT University (2016-2017).
- He was the recipient of the *Vietnam National Journalism Prize 2010* and *Vietnam National Books Prize 2007*.

3. Scientific Contributions

Since 1997, Vuong has contributed to more than 180 academic publications that were published by 88 journals of various publishers in multiple disciplines. To mention a few, BMC, Brill, Cell Press, De Gruyter, Dove Press, Elsevier, Emerald, Inderscience, MDPI, MIT Press, The National Bureau of Asian Research, Nature, Oxford University Press, Palgrave Macmillan, Praeger, Springer, Taylor & Francis, University of Warwick Press, Wiley, World Scientific, etc. Among his publications, there are 12 works published by Nature outlets: *Nature*, *Humanities and Social Sciences Communications*, *Nature Human Behaviour*, *Scientific Data*, etc.

Apart from scientific articles, he has also edited and co-edited 11 books about different issues, such as academic publishing [26], entrepreneurship [27][28], economics [29][5], education [30][31], finance [32], mathematics [33], psychology [34], and sustainability [35]. Notably, he co-authored with [Phạm Minh Chính](#) (Vietnam Prime Minister from 2021) to write a [history book about the Vietnamese economy](#) [5]. His books are held by many libraries in the United States (US), United Kingdom (UK), France, Germany, Netherlands, Sweden, Canada, Norway, Japan, China, Vietnam, etc. To mention a few, US Library of Congress, Yale University Library, Cornell University Library, Harvard University - Harvard-Yenching Library, National Library of Australia, The British Library, Temple University Libraries, Flinders University Library, Staatsbibliothek Zu Berlin - Preussischer Kulturbesitz Berlin State Library, UC Berkeley Libraries, Arizona State University Library, etc.

He has also contributed to science under the roles of an editor and reviewer. As an editor, he has provided editorial services to 85 manuscripts for journals indexed by Web of Science (WoS). As a reviewer, he has completed more than 200 peer-review reports for 75 academic journals. He was awarded [Top reviewers in Cross-Field in 2018 and 2019](#).

His analyses and opinions have been communicated in both international (e.g. AFP, AseanAffairs, ETF Trend, Forbes, La Repubblica, Los Angeles Times, New York Times, Roubini Global Economics, Stratfor, Sina.com, VOA, Wall Street Journal, etc.) and Vietnamese media (Khoa học & Phát triển, Kinh tế và Dự báo, Nhân Dân, Saigon Economic Times, Tiền Phong, Thanh Niên, Tuổi Trẻ, Vietnam Economic Times, VietnamNet, etc.).

4. Contribution to Open Science

Vuong's scientific endeavors follow his philosophy of open science in three major aspects: the cost of doing science [13], disciplined and proactive attitude [16], and transparency [20]. These philosophies are deeply intertwined in his thoughts and can be observed through his main projects and proposals.

Science is facing some obstacles, such as the reproducibility crisis, costly publishing system, scientific misconducts, etc. [36][37][38][39][40][41]. These problems, in turn, urge for changes (albeit gradually) toward open science, which can help verify claimed results, data quality, and methodological validity. In addition to open data, an open review process and open community dialogue (codes and other technical aspects) are also beneficial [12]. Therefore, every step of publishing should be transparent, including retraction – as Vuong advocates for comprehensive and open retraction notices from editors, self-retraction “heroic act” from authors, as well as an open section about limitations of the study [42][43][44].

Furthermore, he and his colleague also propose the right to refuse unwanted citations for the sake of integrity [45][46]. Vuong suggests that preprints should be appreciated more for their usefulness, the preservation of original thinking, and last but not least – for being a very fast and economical publishing process [47][48].

Against the inappropriate old ways of thinking and ethics violations in academia [49], Vuong stated that it requires a disciplined and proactive attitude to overcome systematic risks [13][16]. Following his philosophy, Vuong and his team published the first open Vietnamese social sciences and humanities database in *Scientific Data* [2]. He and his team also made the *bayesvl* – an open Bayesian analysis R package [24][25] – and published the open accessed usage protocols afterwards [23].

5. Theoretical Frameworks and Concepts

Since his first publication in 1997, Vuong has proposed five notable theoretical frameworks and concepts:

1. Serendipity as a strategic advantage [50]
2. 3D information process of creativity [51][22]
3. Mindsponge mechanism [52][53][54]
4. Cultural additivity [15][55]
5. Semi-conducting principle [56]
6. Nature, emergence, and mechanism of serendipity [57]

These frameworks and concepts have helped advance scientific knowledge and understanding in various research fields, with many applications across business and management, environmental conservation, psychology and public health, socio-cultural studies, etc.

| 6. Related Information



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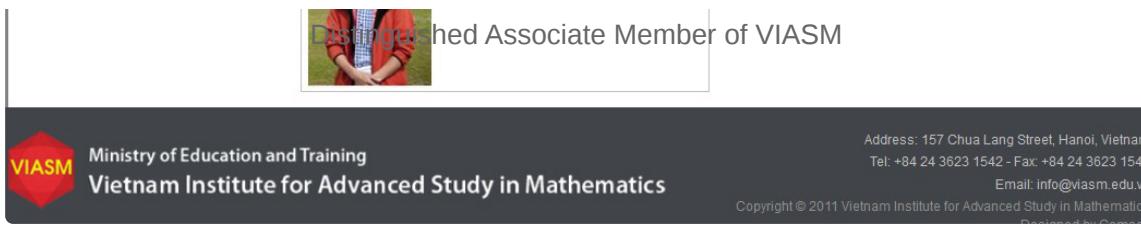
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