
CURRICULUM VITAE

嚴如玉

KAREN (RU-YU) YAN

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National Yang Ming Chiao Tung University
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Taipei 112, Taiwan
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karenyan@nycu.edu.tw



EDUCATION

2008-2013 Ph.D. in Philosophy, Johns Hopkins University.

Dissertation Title: Consciousness, Self, and Self-Consciousness

Advisor: Steven Gross

AREAS OF SPECIALIZATION

Philosophy of Cognitive Neuroscience in Practice (esp. Causal Understanding,
Technique-enabled Reasoning, Operationalization of Cognition, and Modeling)

Philosophy of Interdisciplinarity

Computational Philosophy of Biomedical Sciences

Philosophy of Medicine (esp. Person-Centered Care and Spiritual Well-Being in
Clinical Practice)

AREAS OF COMPETENCE

Philosophy of Mind, Philosophy of Science, Epistemology, and Bioethics

ACADEMIC POSITIONS

- 2020-Present Joint Appointment, Master Program in Transdisciplinary Long-term Care and Management, National Yang-Ming University
- 2019-Present Director, Institute of Philosophy of Mind and Cognition, National Yang-Ming University
- 2019-Present Associate Professor, Institute of Philosophy of Mind and Cognition, National Yang-Ming University (Starting date: 2019/02/01)
- 2013-2019 Assistant Professor, Institute of Philosophy of Mind and Cognition, National Yang-Ming University (Starting date: 2013/08/30)

PUBLICATIONS

- 2024 McCarroll, C. and **Yan, K.** Mourning a Death Foretold: Memory and Mental Time Travel in Anticipatory Grief. *Phenomenology and the Cognitive Sciences*. (Philosophy field, 3/328, Q1, 2022).
- 2023 **Yan, K.**, Tsai, M., and Huang, T. A Scientometric Approach to the Integrated History and Philosophy of Science: Entrenched Biomedical Standardization and Citation-Exemplar, 36, 2, 143-165. *International Studies in the Philosophy of Science* (History and Philosophy of Science field, 39/106, Q2, 2022)
- 2023 **Yan, K.** and Liao, C. A Co-Citation Analysis of Cross-Disciplinarity in the Empirically-Informed Philosophy of Mind. *Synthese* 201, 159. (History and Philosophy of Science field, 5/106, Q1, 2022). <https://doi.org/10.1007/s11229-023-04146-x>
- 2022 〈跨領域哲學〉,《華文哲學百科》(2022 版本),王一奇(編)。
<https://reurl.cc/D3qnj6>
- 2022 Yan, K. Pluralistic Epistemic Values in Neuroscientific Modeling. *Taiwanese Journal for Studies of Science, Technology and Medicine*, 34, 103-140 (TSSCI, THCI). [10.6464/TJSSTM](https://doi.org/10.6464/TJSSTM)
- 2022 **Yan, K.**, Tsai, M., and Huang, T. Integrating Scientonomy with Scientometrics. In Hakob, B. Patton, P. Rupik, G. and Shaw, J. (Eds.) *Scientonomy: The Challenges of Constructing a Theory of Scientific Change* (pp. 67-82). Vernon Press.

<https://vernonpress.com/book/1366>

- 2022 Yang, Y., Lin, Y., **Yan, K.** Distributive Justice in Covid-19 Vaccine Allocation: Analysis of Vaccine Allocation Guidelines in Taiwan. *Taipei City Medical Journal*, 19, 4, 383-394.
- 2021 **Yan, K.**, Tsai, M, and Huang, T. Improving the Quality of Case-Based Research in the Philosophy of Contemporary Sciences. *Synthese*, 198, 9591–9610 (History and Philosophy of Science field, 2/106, Q1, 2020). <https://doi.org/10.1007/s11229-020-02657-5>
- 2020 〈神經科學哲學〉，〈華文哲學百科〉（2020 版本），王一奇（編）。<https://reurl.cc/WXvZ7O>。
- 2019 Michel, M., Beck, D., Block, N., Blumenfeld, H., Brown, R., Carmel, D., ... **Yan, K.**, ... Yoshida, M. Opportunities and Challenges for a Maturing Science of Consciousness, 3, 104-107, *Nature Human Behaviour* (Neuroscience field, 11/292, Q1, 2019). <https://doi.org/10.1038/s41562-019-0531-8>
- 2018 Yan, K. How to Develop a Scientific Concept of Processual Self. In Stenner, P. & Weber, M. (Eds.). *Orpheus' Glance. Selected Papers on Process Psychology. The Fontarèches Meetings, 2002–2017* (pp. 287-294). Belgium: Chromatika Publishing.
- 2018 Waterman, J. Gonnerman, C., **Yan, K.**, and Alexander, J. Knowledge, Certainty, and Skepticism: A Cross-Cultural Study. In Stich, S., Mizumoto, M, and McCready, E. (Eds.). *Epistemology for the Rest of the World* (pp. 187-214). New York: Oxford University Press. <https://doi.org/10.1093/oso/9780190865085.003.0009>
- 2017 **Yan, K.** and Hricko, J. Brain Networks, Structural Realism, and Local Approaches to the Scientific Realism Debate. *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*, 64, 1-10 (SCIE, 30/63, Q2). <https://doi.org/10.1016/j.shpsc.2017.05.001>
- 2014 Yan, K. The Dynamic Nature of the Subjective Character of Consciousness. In Weber, M. & Berne, V. (Eds.). *Chromatikon X. Annales de la philosophie en process—Yearbook of Philosophy in*

Process (pp. 193-208). Belgium: Chromatika Publishing.

HONORS AND AWARDS

- 2023 **Ta-You Wu Memorial Award from National Science Council**
(國家科學及技術委員會吳大猷先生紀念獎)
- 2023-2025 **Research Award (績優教研人員獎勵)**, School of Humanities
and Social Sciences, National Yang Ming Chiao Tung University
- 2021-2023 **Research Award (績優教研人員獎勵)**, School of Humanities
and Social Sciences, National Yang Ming Chiao Tung University
- 2021 **Teaching Award (通識課程特色教學校級傑出獎)**, National
Yang Ming Chiao Tung University
- 2019-2020 **Research Award (教師學術卓越獎勵)**, School of Humanities
and Social Sciences, National Yang-Ming University
- 2019 **Teaching Award**, School of Humanities and Social Sciences,
National Yang-Ming University
- 2018 **Teaching Award**, School of Humanities and Social Sciences,
National Yang-Ming University
- 2013 **Excellence in Research Award (科技部補助延攬人才)**,
National Yang-Ming University

RESEARCH GRANTS

- 2024-2026 **ERA-NET NEURON ELSA-JTC2023 Research Grant**
Psychedelic Transformations: A Taiwanese-German Comparison
of Ethical and Sociocultural Aspects of New Therapies (啟靈轉
變:新精神醫學療法之倫理、社會與文化面向的臺德跨國比較
研究) (PI)
- 2023-2026 **NSTC Research Grant**
Title: The Intertwined Relational Structure of Scientific Practice:
Case Studies in Cancer Care Practice (科學實作的纏繞關係結
構:癌症照護實作案例研究) (NSTC
112-2410-H-A49-044-MY3) (PI)

- 2022 **Taichung Veterans General Hospital Research Project (台中榮總研究計畫)**
Title: Patient-Centered Cancer Care Practice (以病人為中心的癌症照護實作) (Co-PI)
- 2021 **Taichung Veterans General Hospital Research Project (台中榮總研究計畫)**
Title: Methodological Issues in the Science of Spiritual Well-Being (靈性安適科學的方法學議題) (TCVGH-YM1100105) (Co-PI)
- 2020-2021 **MOST Research Grant**
Research and Development Center for COVID-19 (陽明大學防疫科學中心) (MOST 109-2321-B-010-007) (Project Member)
- 2020-2023 **MOST Research Grant**
Title: Exploring Cognitive and Epistemological Difficulties in Conducting Cross-disciplinary Research: Case Studies from Psychoneuroimmunology and Neuroimmunology (探索從事跨科際研究時面臨的認知與知識論上的困難:心理神經免疫學與神經免疫學的案例研究) (MOST-109-2410-H-010-013-MY3) (PI)
- 2020 **Taichung Veterans General Hospital Research Project (台中榮總研究計畫)**
Title: Assessing Cognition of Spirituality and Predicting Local Effectiveness of Caring Strategies (發展在地靈性認知與照護策略的評估工具) (TCVGH- YM1090101) (Co-PI)
- 2019 **Taichung Veterans General Hospital Research Project (台中榮總整合型研究計畫)**
Title: Developing Assessment Tools for Taiwanese Spirituality (發展適用於台灣的靈性評估工具) (TCVGH-1087328D; TCVGH-1087006D; TCVGH-1084002D) (Co-PI)
- 2019 **Taichung Veterans General Hospital Research Project (台中榮總與陽明大學任務導向型整合型計畫)**
Title: 中醫治療於感覺神經型嗅覺喪失的效果(TCVGH-YM1080102) (Co-PI)
- 2018-2010 **MOST Research Grant**
Title: Using a Computational Approach to Study Exemplars in

Biological Sciences: Heart-Rate Variability from 1970-2016 (以計算科學方法學研究生命科學中的典範: 1970 年至 2016 年心跳速率變異 文獻的案例研究) (MOST 107-2410-H-010 -008 -MY2) (PI)

2018 **Taichung Veterans General Hospital Research Project (台中榮總與陽明大學任務導向型全人研究整合型計畫)**
Title: Developing Quantitative and Qualitative Assessment Tools for Taiwanese Spirituality (發展適用於台灣的量化與質性靈性評估工具) (TCVGH-YM1070301; TCVGH-YM1070302; TCVGH-YM1070303; TCVGH-YM1070304) (Co-PI)

2017-2018 **MOST Research Grant**
Title: A Practice-Based Account of Mechanistic Explanation in Biological Sciences: A Case Study on Circadian Rhythm (生物科學中機制解釋的實踐分析：以生理時鐘機制的個案研究為例) (MOST 106-2410-H-010-016) (PI)

2016-2017 **MOST Research Grant**
Title: The Explanatory Power of Dynamical Models in Systems Science (系統科學中動態模型的解釋力) (MOST 105-2410-H-010-003) (PI)

2015-2016 **MOST Research Grant**
Title: Defending Structural Realism: A Case Study from the Scientific Practice of the Human Connectome Project (從人類腦結構與功能聯結圖譜計畫之科學研究方法來論證結構實在論) (MOST 104-2410-H-010-019) (PI)

2003-2006 **Research Grant from the Special Research Project for Outstanding Undergraduate Students**, National Science Council (Taiwan), supervised by Prof. Allen Y. Hounq. (Only 100 undergraduate students from different majors nationwide receive this grant each year; awarded three times.)

2005-2006: “A New Debate between Physicalism and Functionalism”

2004-2005: “Consciousness and Reductionism”

2003-2004: “Consciousness and the Dual Aspect Theory”

OTHER GRANTS

- 2023-2025 **Ministry of Education Grant**
Title: University Social Responsibility Project (大學社會責任實踐計畫-青銀攜手・科技協力・賦能社區・守護獨老行動計畫) (Project Co-PI)
- 2020-2022 **Ministry of Education Grant**
Title: University Social Responsibility HUB Project (大學社會責任實踐計畫-心智健康照護哲學：生死學的資深公民講師)
- 2020-2022 **Ministry of Education Grant**
Title: University Social Responsibility Project (大學社會責任實踐計畫-培力社區發展在地安老整合服務計畫) (Project Co-PI)
- 2019-2020 **Ministry of Education Grant**
Title: University Social Responsibility Project (大學社會責任實踐計畫-培力社區發展在地安老整合服務計畫) (Project Co-PI)
- 2018-2019 **Ministry of Education Grant**
Title: University Social Responsibility Project (大學社會責任實踐計畫-培力社區發展在地安老整合服務計畫) (Project Member)
- 2018-2019 **Ministry of Education Grant** (MOE-107-3-4-008)
Title: Health Promotion for Senior Mind (高齡心智健康促進：人文與社會科學公民素養之應用) (Project Co-PI)
- 2017-2018 **Ministry of Education Grant**
Title: University Social Responsibility Project (大學社會責任實踐計畫-培力社區發展在地安老整合服務計畫) (Project Member)
- 2017-2018 **Ministry of Education Grant** (MOE-106-3-4-008)
Title: Cognitive Enhancement in Senior Mind: (高齡認知增強：人文與社會科學公民素養之應用) (Project Co-PI)

- 2015-2017 **Ministry of Education Grant** (MOE-104-3-4-003)
 Title: Cognitive Development and Aging: Integrative Inquiry from Science, Philosophy and Bioethics, and Its Application (認知發展與增齡: 科學、哲學、生物倫理之整合與應用) (Project Co-PI)

REFEREED CONFERENCE PRESENTATIONS

- 2023 Kuo, Y. and **Yan, K.** “Data Integrity Through Validation Method Revelation in Real-World Evidence.” Explaining Research Misconduct: Data, Hypotheses, and Methodological issues“ Université de Lorraine, Nancy, France. (December 6-8, 2023) (Oral Presentation)
- 2023 **Yan, K.**, Cheng, M., Kuo, Y., “How Values Intertwine with Tools: A Qualitative Case Study of Cancer Care Practice in Taiwan.” 2023 Philosophy of Science Association Around the World, Online Conference (November 5, 11, 17, 2023).
- 2023 Yan, K. “Tool-Afforded Causal Reasoning in Neurophysiology.” 2023 Annual Meeting of Asia-Pacific Philosophy of Science Association, VinUniversity, Hanoi, Vietnam (July 23-22, 2023).
- 2023 Cheng, M.¹, **Yan, K.**,^{1*} Wang Y., & Jiang, R. “Idealized Patient Models in Patient-Centered Care.” The 10th International Philosophy of Medicine Roundtable (IPMR 10), Bologna, Italy (June 8-9, 2023) (*Corresponding author).
- 2023 Kuo, Y.,¹ **Yan, K.**,^{1*} Wang, Y., & Jiang, R. “The Intertwined Relationship of Knowledge and Values in Shared Decision-Making.” The 11th Annual Values in Medicine, Science, and Technology Conference (VMST 11), the Center for Values in Medicine, Science, and Technology, the University of Texas at Dallas Richardson, Texas, USA (May 23-25, 2023) (Accepted for oral presentation, declined).
- 2022 Cheng, M.¹, **Yan, K.**,^{1*} Wang Y., & Jiang, R. “Idealized Patient Models in Patient-Centered Care.” Taiwan Philosophical Association, National Chengchi University, Taipei, Taiwan (December 16-17, 2022). (*Corresponding author).

- 2022 Kuo, Y.,¹ **Yan, K.**,^{1*} Wang Y., & Jiang, R. (2022). “Epistemic Injustice in Shared Decision-Making.” Taiwan Philosophical Association, National Chengchi University, Taipei, Taiwan (December 16-17, 2022). (*Corresponding author).
- 2022 **Yan, K.** and Liao, C. “Cross-Disciplinarity in Empirically-Informed Philosophy of Mind.” The 9th Biennial Conference of the Society for the Philosophy of Science in Practice (SPSP 9), Ghent University, Belgium (July 2-4, 2022) (Accepted for oral presentation, declined).
- 2020 **Yan, K.**, Liao, C., and Hricko, J. “How Empirically-Informed is Empirically-Informed Philosophy of Mind?” Taiwan Philosophical Association, Chang Jung Christian University, Tainan, Taiwan (December 19-20, 2020).
- 2019 “Understanding Causal Reasoning in Neurophysiology.” The 16th The International Congress of Logic, Methodology and Philosophy of Science and Technology (CLMPST 16), The Institute of Philosophy of the Czech Academy of Sciences, Prague (August 5-10, 2019).
- 2019 “Developing Two Types of Case Study Methods for Analyzing Biomedical Sciences.” Karen Yan, Meng-Li Tsai, and Tsung-Ren Huang. Scientonomy 2019 Conference. University of Toronto, Canada (May 23-24, 2019).
- 2018 “Understanding Causal Reasoning in Neuroscience within a System of Practice,” the Fourth Conference on Contemporary Philosophy in East Asia (CCPEA 2018), National Chengchi University, Taipei, Taiwan (Aug 9-11, 2018).
- 2018 Kao, Yi-Hsuan & **Yan, K.** “Eliminating Neuroscientific Concepts of Consciousness?” The 7th Biennial Conference of the Society for the Philosophy of Science in Practice (SPSP 2018), Ghent University, Belgium (June 29-July 1, 2018).
- 2017 **Yan, K.** & Tsai, Meng-Li. “Practice-based Paradigms in Biological Sciences: Large-Scale Quantitative and Qualitative Analyses of a Case Study on Heart-Rate Variability” The 2017 Meeting of the

- European Philosophy of Science Association (EPSA 2017),
University of Exeter, Exeter, UK. (September 6-9, 2017)
(Acceptance Rate: 142/423, 34%).
- 2016 “Understanding the Explanatory Power of Dynamical Models in
Systems Science.” The 6th Biennial Conference of the Society for
the Philosophy of Science in Practice (SPSP 2016), Rowan
University, New Jersey, U.S.A. (June 17-19, 2016).
- 2016 “Understanding the Explanatory Power of Dynamical Models in
Systems Science.” Model and Simulation 7, University of
Barcelona, Barcelona, Spain. (May 18-20, 2016).
- 2015 “Infallibilism, Skepticism, and Cultural Differences.” John
Waterman (Colby College), Karen Yan (National Yang-Ming
University), Chad Gonneman (University of Southern Indiana), and
Joshua Alexander (Siena College). American Philosophical
Association Central Division Meeting, St. Louis, U.S.A. (February
18-21, 2015).
- 2014 “Process, Consciousness, and Self.” The Second Conference on
Contemporary Philosophy in East Asia (The 2nd CCPEA), Kyoto
University, Kyoto, Japan (August 28-29, 2014).
- 2014 “Process, Consciousness, and Self.” Eighteenth Annual Conference
of the Association for the Scientific Study of Consciousness
(ASSC18), Brisbane, Australia. (July 16-19, 2014).
- 2014 “Process, Consciousness, and Self.” Whitehead Psychology Nexus
2014 Workshop, Avignon, France (April 12-15, 2014).
- 2014 “Infallibilism, Skepticism, and Cultural Differences.” Joshua
Alexander (Siena College), Karen Yan (National Yang-Ming
University), John Waterman (Johns Hopkins University) and Chad
Gonneman (Michigan State University). American Philosophical
Association Pacific Division Meeting, Vancouver, Canada (June
18-21, 2014).
- 2013 “Troubles with Higher-Order Thought Theories of Consciousness:
An Objection from Hydranencephaly.” Seventeenth Annual

- Conference of the Association for the Scientific Study of Consciousness (ASSC17), San Diego, U.S.A. (July 12-16, 2013).
- 2010 “Self-Consciousness and Anosognosia in Alzheimer’s Dementia.” Fourteen Annual Conference of the Association for the Scientific Study of Consciousness (ASSC14), Toronto, Canada (June 24-27, 2010).
- 2008 “Trouble with Dretske’s Accessibility.” Twelfth Annual Conference of the Association for the Scientific Study of Consciousness (ASSC12), Taipei, Taiwan (June 19-22, 2008).
- 2006 “A New Debate between Physicalism and Functionalism.” Tenth Annual Conference of the Association for the Scientific Study of Consciousness (ASSC10), Oxford, United Kingdom (June 23-26, 2006).
- 2005 “A New Way of Looking at the Hard Problem.” Ninth Annual Conference of the Association for the Scientific Study of Consciousness (ASSC9), Pasadena, California, U.S.A (June 24-27, 2005).
- 2004 “The Inconceivability of Physical Zombies and the Dual Aspect Theory.” Toward A Science of Consciousness (TSC 2004), Tucson, Arizona, U.S.A (April 7-11, 2004).

INVITED CONFERENCE PRESENTATIONS

- 2023 Yan, K. Pluralistic Metaphysics for Modeling Consciousness. Structuralism in Consciousness Studies, Berlin, Germany (August 20-22, 2023).
- 2023 Yan, K (Keynote). “Philosophy in the Age of Scientometrics.” Philosophy of Science in India 2023: Current Debates in Philosophy of Science, Azim Premji University, Bangalore, India (June 21-23, 2023). <https://www.youtube.com/watch?v=LI8Iu-PD-2E>
- 2023 Yan, K. “Tool-Afforded Causal Reasoning in Neurophysiology.” Mechanisms and Ontic Causation in Life Sciences, Université

catholique de Louvain, Belgium (June 15-16, 2023).

- 2023 McCarroll, C. and **Yan, K.** “Mourning a Death Foretold: Memory and Mental Time Travel in Anticipatory Grief.” Bochum-Grenoble Memory Colloquium, Online (February 2, 2023).
- 2022 Kuo, Y., **Yan, K.**, Wang, Y., & Jiang, R. “Epistemic Injustice in Shared Decision-Making.” Taiwan-Belgium Philosophy of Science Workshop, Online (September 9-12, 2022).
- 2022 Cheng, M., **Yan, K.**, Wang, Y., & Jiang, R. “Idealized Patient Models in Patient-Centered Care.” Taiwan-Belgium Philosophy of Science Workshop, Online (September 9-12, 2022).
- 2021 “Situating Operationalization within an Experimental System.” The 9th Asia-Pacific Conference on Philosophy of Science (APPSA 9), Online (July 2-3, 2021).
- 2020 **Yan, K.**, Liao, C., and Hricko, J. “How Empirically-Informed is Empirically-Informed Philosophy of Mind?” Metaphilosophy Workshop, Chinese Culture University, Taipei, Taiwan (November 13, 2020).
- 2020 “Epistemic Iteration in Mathematical Neuroscience.” Workshop on Practices and Processes in Science 2020, National Cheng Kung University, Tainan, Taiwan (September 19, 2020).
- 2019 **Yan, K.**, Tsai, Meng-Li, and Huang, Tsung-Ren. “Developing Two Types of Case Study Methods for Analyzing Biomedical Sciences.” The 2019 Annual Meeting of the Korean Society for the Philosophy of Science, Seoul, Korea (July 3-4, 2019).
- 2019 **Yan, K.**, Tsai, Meng-Li, and Huang, Tsung-Ren. “Developing Two Types of Case Study Methods for Analyzing Biomedical Sciences.” The 8th Asia-Pacific Conference on Philosophy of Science (APPSA 8), Shanghai, China (June 29-30, 2019).
- 2019 **Yan, K.**, Tsai, Meng-Li, and Huang, Tsung-Ren. “Developing Two Types of Case Study Methods for Analyzing Biomedical Sciences.” Workshop on Interdisciplinary Philosophy, National Yang-Ming

- University, Taipei, Taiwan (June 5-6, 2019).
- 2018 “Understanding Causal Reasoning in Neurophysiology.” International Workshop on Scientific Modeling and Reasoning in the Sciences, National Yang-Ming University, Taipei, Taiwan (Nov 23-24, 2018).
- 2018 “Understanding Causal Reasoning in Neurophysiology.” The International Conference on Philosophy of Science and Logic, Fudan University, Shanghai, China (Nov 9-11, 2018).
- 2018 “Understanding Causal Reasoning in Neurophysiology.” Interdisciplinary Workshop on Counterfactual and Causal Reasoning, Renmin University of China, Beijing, China (Nov 5-6, 2018).
- 2018 “Understanding Causal Reasoning in Neurophysiology.” 2018 International Symposium on Reasoning, Argumentation, and Communication (ISRAC 2018), Southwestern University of Finance and Economics, Chengdu, China (Oct 13-14, 2018).
- 2018 “Joint Attention and Action in Caring and Living with Illness.” 2018 The Virtue of Attention Workshop, NYU Shanghai, Shanghai, China (March 22-23, 2018).
- 2017 **Yan, K.**, Tsai, Meng-Li, and Huang, Tsung-Ren. “Practice-based Paradigms in Biological Sciences: Large-Scale Quantitative and Qualitative Analyses of a Case Study on Heart-Rate Variability.” The 7th Asia-Pacific Conference on Philosophy of Science (APCPOS 7), National Chung Cheng University, Taiwan (Dec 15-16, 2017).
- 2017 “Problem and Possibility of Operationalizing Consciousness as Reportability.” The 2017 Consciousness Research Network Meeting, National Yang-Ming University, Taipei, Taiwan (Nov 3-5, 2017).
- 2017 “Modeling Practices in Neurosciences and How to Analyze their Ontological and Epistemic Implications.” Workshop on Philosophy of Science in Practice, National Yang-Ming University, Taipei,

Taiwan (May 20, 2017).

- 2017 “How to Develop a Scientific Concept of Processual Self.”
Workshop on Consciousness, Self, and Perception in Honor of the
Retirement of Professor Allen Hough, National Yang-Ming
University, Taipei, Taiwan (January 6, 2017).
- 2016 “Processual Self.” The Twelfth Conference on Life Education,
National Taiwan University, Taipei, Taiwan (October 16, 2016).
- 2016 “Free Will and Neuroscience” The Twelfth Conference on Life
Education, National Taiwan University, Taipei, Taiwan (October 16,
2016).
- 2016 “Defending Case-Based Structural Realism: An Argument from
Cognitive Neuroscience.” The International Workshop on Scientific
Realism, University of Kyoto, Kyoto, Japan (July 30-31, 2016).
- 2015 “Toward a Neurophenomenological Account of Depression: Brain
Connectivity, Depressive Structure, and Narrative Therapy.” 2015
International Conference on Philosophical Counseling and
Humanities Therapy, Fu-Jen Catholic University, New Taipei City,
Taiwan (November 11-12, 2015).
- 2015 “Can the Human Connectome Project Advance the Development of
AI?” The 12th China Annual Workshop on Mind and Machine,
Zhejiang, China. (October 24-25, 2015).
- 2015 “Mental Disorders and the Medical Model,” Fu-Jen and Yang-Ming
Workshop on Philosophical Counselling and Philosophy of
Psychiatry, Fu-Jen Catholic University, New Taipei City, Taiwan
(June 9, 2015).
- 2015 “Understanding the Explanatory Power of Dynamical Models in
Systems Science,” International Workshop of Philosophy of Mind,
School of Philosophy and Social Development, Huaqiao University,
Xiamen, China (May 30-1, 2015).
- 2014 “Defending Structural Realism: An Argument from Cognitive
Neuroscience.” Karen Yan (National Yang-Ming University) and
Jonathon Hricko (Academic Sinica). International Workshop on

Consciousness, Self, and Perception VI, Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan (December 26, 2014).

- 2014 “Two Conceptions of Brain Function and the Dynamic Nature of the Subjective Character of Consciousness,” the 11th China Annual Workshop on Mind and Machine, Xiamen, China. (October 25-27, 2014).
- 2014 “The Dynamic Nature of the Subjective Character of Consciousness.” The 1st International Conference on Philosophy of Cognition, the Research Center for Philosophy of Science and Technology (RCPST) at Shanxi University, Taiyuan, China (September 19-21, 2014)
- 2014 “Process, Consciousness, and Self,” Interdisciplinary Workshop on Neuroscience and Philosophy, National Yang-Ming University, Taipei, Taiwan (July 10, 2014).
- 2013 “Self via Subjectivity.” International Workshop on Self, Consciousness, and Perception, National Yang-Ming University, Taipei, Taiwan (November 8, 2013).
- 2012 “What’s Wrong with Me: Insights from Alzheimer’s Dementia and Other Neurological Cases to Philosophical Theories of First-Person Reference.” Prometheus Seminar Series, Johns Hopkins University, Baltimore, U.S.A (February 13, 2012).
- 2011 “When Subjectivity Meets Objectivity.” International Workshop on Self-Consciousness, National Yang-Ming University, Taipei, Taiwan (June 13-14, 2011).

INVITED TALKS

- 2023 “Psychedelic-Assisted Therapy: An Analysis from the Philosophy of Science in Practice (in Chinese)” Resonance Psychiatric Clinic, Taipei, Taiwan (July 15th, 2023).
<https://www.youtube.com/watch?v=yza4iqEKFhM>

- 2021 “Philosophy of Interdisciplinarity,” Shandong University, Shandong, China (May 31st, 2021).
- 2019 “Evaluating the Success of Causal Investigative Strategies in Neurophysiology,” Graduate Institute of Science Education, National Taiwan Normal University, Taipei, Taiwan (May 16, 2019).
- 2019 “Evaluating the Success of Causal Investigative Strategies in Neurophysiology,” Department of Philosophy, National Taiwan University, Taipei, Taiwan (April 8, 2019).
- 2019 “Evaluating the Success of Causal Investigative Strategies in Neurophysiology,” Neural Mechanisms webinar (March 22, 2019).
Talk link:
<https://www.neuralmechanisms.org/blog/22-march-karen-yan-webinara>.
- 2019 “What is Philosophy of Mind? A Meta-Analysis” PHEDO 台灣高中哲學教育推廣學會 (February 16, 2019). Talk link:
<https://www.youtube.com/watch?v=Xkm6n2-Pakc>
- 2019 “Dementia and Philosophy of Caring,” Cheng Hsin General Hospital (January 8, 2019).
- 2018 “Philosophy of Neuroscience,” Department of Philosophy, Soochow University, Taipei, Taiwan (June 13, 2018).
- 2018 “A New Turn in 21st Century Philosophy of Science: Philosophy of Science in Practice,” the 5th Joint Symposium between National Yang-Ming University and Xiamen University, Taipei, Taiwan (May 25, 2018).
- 2018 "Epistemic Iteration in Mathematical Neuroscience." Youth Academic Salon, Department of Philosophy, East China Normal University, Shanghai, China (March 26, 2018).
- 2018 “Epistemic Iteration in Mathematical Neuroscience.” Department of Philosophy, National Chung Cheng University, Taiwan (March 7, 2018).
- 2017 **Yan, K.**, Tsai, Meng-Li, and Huang, Tsung-Ren. “Practice-based Paradigms in Biological Sciences: Large-Scale Quantitative and

- Qualitative Analyses of a Case Study on Heart-Rate Variability.”
Institute of Philosophy of Mind and Cognition, National Yang-Ming
University, Taiwan (Dec 1, 2017).
- 2017 “An Analysis of the Methodology of Philosophical Counselling: From
Philosophy of Neuroscience and Psychiatry in Practices.” Fu-Jen
Catholic University, New Taipei City, Taiwan (January 11, 2017).
- 2017 “Processual Self and Neuroscientific Practices.” 科技部哲學學門推動
計畫成果發表會 (January 7, 2017)
- 2016 “How to Evaluate Mathematical Modeling in Neuroscience,”
Department of Philosophy, National Taiwan University, Taipei, Taiwan
(November 14, 2016).
- 2016 “A Dialogue between a Philosopher of Neuroscience and Kuhn,”
School of Biology, National Yang-Ming University, Taipei, Taiwan
(May 30, 2016).
- 2016 “Philosophy of Neuroscience,” Institute of Brain Science, National
Yang-Ming University, Taipei, Taiwan (April 14, 2016).
- 2015 “Scientific Explanation, Prediction, and Understanding in Biological
Sciences: Examples from Molecular Biology and Systems Biology,”
School of Biology, National Yang-Ming University, Taipei, Taiwan
(June 8, 2015).
- 2015 “Understanding the Explanatory Power of Dynamical Models in
Systems Science,” Department of Psychology, National Taiwan
University, Taipei, Taiwan (April 15, 2015).
- 2014 “Defending Structural Realism: An Argument from Cognitive
Neuroscience.” Karen Yan (National Yang-Ming University) and
Jonathon Hricko (Academic Sinica). Institute of Philosophy, National
Tsing Hua University, Hsinchu, Taiwan (November 26, 2014).
- 2014 “The Subjectivity of Consciousness and Self,” School of Philosophy
and Social Development, Huaqiao University, Xiamen, China (October
30, 2014).
- 2014 “What is Consciousness?” School of Philosophy and Social

- Development, Huaqiao University, Xiamen, China (October 28, 2014).
- 2014 “A Brief History of Contemporary Philosophy of Mind,” School of Philosophy and Social Development, Huaqiao University, Xiamen, China (October 27, 2014).
- 2014 “Defending Structural Realism: An Argument from Cognitive Neuroscience,” 鷺島哲譚傑出學者公開講座演講, School of Philosophy and Social Development, Huaqiao University, Xiamen, China (October 26, 2014).
- 2014 “Two Conceptions of Brain Function and the Dynamic Nature of the Subjective Character of Consciousness.” School of Life Sciences, National Yang-Ming University, Taiwan (October 8, 2014).
- 2014 “Process, Consciousness, and Self.” Graduate Institute of Science, Technology, and Society, National Yang-Ming University, Taipei, Taiwan (February 26, 2014).
- 2014 “Self via Subjectivity.” Institute of European and American Studies, Academia Sinica, Taiwan (January 15, 2014).
- 2013 “Consciousness, Reflexivity, and Disorders of Consciousness.” Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taiwan (December 23, 2013).

OTHER WRITING

- 2021 楊元傑、林映彤、嚴如玉。〈[面對疫苗分配正義與專家信任問題，台灣該怎麼做會更好？](#)〉，The News Lens 關鍵評論，April 30, 2021。
- 2020 楊元傑、林映彤、嚴如玉。〈[疫情爆發時醫學和科學很重要，但為何「哲學」也扮演著關鍵角色？](#)〉，The News Lens 關鍵評論，October 2, 2020。
- 2019 〈[談談二十一世紀的心智哲學研究](#)〉，立場新聞，October 10, 2019。
- 2019 〈[發現世界運作的真相 哲學與科學的跨域新革命](#)〉，科學月刊，

January 1, 2019 ◦

2016 〈[科學哲學的新發展方向](#)〉，科學月刊， May 31, 2016 ◦

PUBLIC MEDIA TALK

2018 Formosa TV Pop Philosophy Show (哲學談淺淺地)

Philosophy of Cognitive Neuroscience:

<https://www.youtube.com/watch?v=rJyKkxQRwXY>

Philosophy of Caring and Processual Self:

<https://www.youtube.com/watch?v=6zQRyXk1Fpo>

COMMITTEE OR EDITORIAL MEMBERS SERVICES

2021 **Member**, The Academic Affair Council (教務會議委員會) at National Yang Ming Chiao Tung University.

2020 **Member**, The University Council (校務會議委員會) at National Yang-Ming University.

2020-2024 **Board Member (理事)**, The Taiwan Association for Logic, Methodology and Philosophy of Science and Technology.

2018-2020 **Supervisor (監事)**, The Taiwan Association for Logic, Methodology and Philosophy of Science and Technology.

2019-2020 **Editorial Board Member (編輯委員)**, Taiwanese Journal for Studies of Science, Technology and Medicine.

2018-2020 **Member**, The University Council (校務會議委員會) at National Yang-Ming University.

2017-Present **Board Member (理事)**, Asia-Pacific Philosophy of Science Association (APPSA).

2016-Present **Editorial Board Member (編輯委員)**, Science Monthly.

2016-2018 **Committee Member (農委會訓練合格證書字號：105 農科實動字第 0272 號)**, Institutional Animal Care and Use Committee

(IACUC), National Yang-Ming University

- 2015-2018 **Member of the Standing Committee**, National Committee of the Republic of China for the Division of Logic, Methodology and Philosophy of Science of the International Union of History and Philosophy of Science.
- 2013-2015 **Committee Member**, Student Affairs Committee (學生事務委員會), National Yang-Ming University.
- 2013-2014 **Committee Member**, Library Committee (圖書委員會), National Yang-Ming University.
- 2008-2013 **Secretary (學會秘書)**, Association for the Scientific Study of Consciousness (ASSC).

ACADEMIC EVENTS SERVICES

- 2024 **Program Committee**, The East European Network for Philosophy of Science 2024
<https://eenps2024.sciencesconf.org/resource/page/id/2>
- 2023 **Program Committee**, Philosophy of Science Association Around the World 2023
https://www.philsci.org/program_committee.php
- 2021 **Organizer**, International Workshop on Interdisciplinarity and Philosophy of Science, Institute of Philosophy of Mind and Cognition, National Yang Ming Chiao Tung University (December 6-8, 2021).
- 2020 **Organizer**, 第三屆陽明人社講座, National Yang-Ming University.
- 2019 **Organizer**, Philosophy, Intelligence, Brain, and Mind (PIBM) Interdisciplinary Workshops (Workshop I: Basic Formal Ontology, Workshop II: What is Data? Workshop III: AI and Psychoneuroimmunology, Workshop IV: Caring and AI technology), 2019 Fall Colloquia of Institute of Philosophy of Mind and Cognition, National Yang-Ming University.

- 2018 **Organizer**, An International Workshop on Modeling and Reasoning in the Sciences, Institute of Philosophy of Mind and Cognition, National Yang-Ming University (Nov 23-24, 2018).
- 2018 **Organizer**, Scientific Reasoning in Practice, 2018 Spring Colloquia of Institute of Philosophy of Mind and Cognition, National Yang-Ming University.
- 2017 **Member of Local Organizing Committee**, The 2017 Consciousness Research Network Meeting, National Yang-Ming University, Taipei, Taiwan (Nov 3-5, 2017).
- 2017 **Organizer**, Workshop on Philosophy of Science in Practice, National Yang-Ming University, Taipei, Taiwan (May 20, 2017).
- 2016 **Organizer**, Workshop on Skepticism, Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan (May 27, 2016).
- 2016 **Organizer**, Workshop on Embodied, Embedded, and Extended Cognition, Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan (May 2, 2016).
- 2016 **Organizer**, Workshop on Senior Bioethics, Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan (March 28, 2016).
- 2014 **Organizer**, International Workshop on Consciousness, Self, and Perception VI, Institute of Philosophy of Mind and Cognition, National Yang-Ming University, Taipei, Taiwan (December 26, 2014).
- 2014 **Commentator**, Reason and Rationality, Taipei, Taiwan (August 14-15, 2014).
- 2014 **Panel Speaker**, ASSC Early Career Discussion Panel, The 18th Annual Conference of the Association for the Scientific Study of Consciousness.
- 2013 **Organizer**, International Workshop on Consciousness, Self, and Perception V, Institute of Philosophy of Mind and Cognition,

National Yang-Ming University, Taipei, Taiwan (December 23, 2013).

- 2008 **Executive Assistant**, Twelfth Annual Conference of the Association for the Scientific Study of Consciousness (ASSC12), Taipei, Taiwan.
- 2004-2005 **Administrative Assistant**, Workshop on Fundamental Issues in Cognitive Science, Taipei, Taiwan. Invited Speakers: Ned Block (NYU), Susan Carey (Harvard), Alva Noë (UC Berkeley). (Paid)
- 2003-2006 **Research Assistant**, Research Project Title: “Socialist Feminism of the Second American Women’s Movement: Movement and Theory,” directed by Prof. Kathy Yu, Academia Sinica, and sponsored by National Science Council.
- 2003-2004 **Administrative Assistant**, Workshop on Consciousness and Content, Taipei, Taiwan. Invited Speakers: David Chalmers (University of Arizona), Susanna Siegel (Harvard).
- 2003 **Administrative Assistant**, Logic, Methodology, and Philosophy of Science Conference, Institute of Mathematics, Academia Sinica, Taiwan.
- 2003 **Administrative Assistant**, 10th Annual Conference of Zhang Zhaoding Memorial Foundation (張昭鼎紀念基金會): Science and Education, Taipei, Taiwan.
- 2001 **Administrative Assistant**, 8th Annual Conference of Zhang Zhaoding Memorial Foundation (張昭鼎紀念基金會): Response to the Impact and Challenges of Biotechnology in Twenty-First Century, Taipei, Taiwan.

SUPERVISED THESES

Student Name	Thesis Title	Status
Chieh-Ling (Katherine) Cheng (鄭婕凌)	An Inquiry to the Lost Self of Demented Patients	Defended on July 3, 2014 . Enrolled in the Ph.D. program (with fellowship) at

		the Department of Philosophy, the University of British Columbia.
Yunn (Sophia) Ueng (翁韞)	How Dynamical Models Explain	Defended on June 7, 2016 . Enrolled in the Ph.D. program (with assistantship) at the Department of Philosophy, Arizona State University.
Calvin Yang (楊凱仲)	Analyzing Heterogeneity of Depression in the Context of Scientific Explanation	Defended on June 21, 2017 .
曾翊晴	Model-Based Reasoning in Cognitive Neuroscience	Defended on June 8, 2018 .
Joyce Chen (陳宇貞)	Clinical Empathy and First-Person Transformative Experience of Illness	Defended on January 17, 2019 .
Yi-Hsuan (Jessica) Kao (高倚萱)	Eliminating Neuroscientific Concepts of Consciousness?	Defended on July 10, 2019 . Enrolled in the Ph.D. program (with assistantship) at the University of Western Ontario.
Fun-Chi Chang (張芳綺)	A Philosophy of Science for Measuring Well-Being: The Case of SIWB	Defended on May 19, 2021 . Enrolled in the M.A. program, World Heritage Studies, Brandenburg University of Technology Cottbus-Senftenber, Germany.
Ling-Chih Hsu	Scientific Concepts of Consciousness in Anesthetic	Scheduled to defend on

(許齡之)	Practices	January 30.
Chuan-ya Liao (廖鈞雅)	Measuring the Cross-Disciplinarity in the Empirically-Informed Philosophy of Mind	Defended on March 2, 2022.
Hong-Ui Tenn (鄭弘葳)	Causal Complexity and Causal Ontology of Health-Related Quality of Life Model	Defended on June 6, 2022. Enrolled in the Ph.D. program (with paid) at the University of Twente.
Min-Jung Cheng (鄭閔中)	Patient Models and the Biopsychosocial Model in Cancer Care	Defended on November 15th, 2023.
Yun-Ying Kuo (郭耘吟)	The Intertwined Relationship of Knowledge and Values in Shared Decision-Making	Defended on June 13, 2023.
Christina Ni (倪汀諾)	Philosophy of Psychedelic Transformations	In Progress

THESIS COMMITTEE MEMBER

葉筱凡 (中正大學 哲學研究所博士, 指導教授陳瑞麟教授)	Mechanism and Experiment in Life Sciences	Defended on July 25th, 2017.
李彥彤 (台灣大學哲 學研究所碩士, 指導 教授梁益堉教授)	An Interdisciplinary Study of Body Ownership	Defended on July 9th, 2018.
邢懷安 (陽明大學心 智哲學研究所碩 士, 指導教授林映彤 教授)	The Nature of Suffering	Defended on June 19th, 2019.
陳青蔚 (陽明大學心 智哲學研究所碩	Methodological Issues in Studies of Selfless	Defended on August 25th, 2022.

- 士，指導教授林映彤 Experience)
教授)
- 林采莉 (陽明大學心 Formation and Theory Defended on **September**
智哲學研究所碩 Building in the Philosophy of **2nd, 2022.**
士，指導教授林映彤 Pain and Suffering
教授)
- 李權澤 (陽明大學心 What Do Philosophers Really Defended on **January 24,**
智哲學研究所碩 Mean When They Talk about **2024.**
士，指導教授何彥 Intuition? A Qualitative
如、Mike Stuart 教 Research
授)

MEMBERSHIP

Society for Philosophy of Science in Practice

European Philosophy of Science Association

Asia-Pacific Philosophy of Science Association

Association for the Scientific Study of Consciousness

Taiwanese Philosophical Association