

Gengyan Tang



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PhD student

Werklund School of Education, University of Calgary

2500 University Dr. NW, Calgary, Alberta, T2N 1N4 Canada

Telephone: +86.152.0817.2450 (China) | +1.825.986.4442 (Canada)

Email: gengyan.tang@ucalgary.ca | tanggengyan@outlook.com

Personal Website: www.tanggengyan.com

Educational Background

University of Calgary

PhD Student, Educational Research

Calgary, Canada

September 2024 – present

Sichuan Academy of Social Sciences

MA, Journalism

Chengdu, China

September 2019 – June 2022

Sichuan University of Media and Communications

BA, Digital Publishing

Chengdu, China

September 2014 – June 2018

Publications

English-language Publications

Article (Peer Reviewed)

1. **Gengyan Tang**, Sarah Elaine Eaton, Wei Cai. 2026. "Academic misconduct appeal services in China: Platform logics, self-platformization, and implications for integrity education." *British Educational Research Journal*, Minor Revision.
2. **Gengyan Tang**. 2026. "Governing through algorithms: Policy, power, and academic integrity in higher education." *Journal of Education Policy*, Under Review.
3. **Gengyan Tang**. 2026. "Accountability reimagined: Restorative sanctions and the moral renewal of research integrity governance." *Journal of Law, Medicine & Ethics*, Accepted.
4. **Gengyan Tang**, Hao Cai. 2025. "Citation contamination by paper mill articles in systematic reviews of the life sciences." *JAMA Network Open*, Published Online.
<https://doi.org/10.1001/jamanetworkopen.2025.15160>
5. **Gengyan Tang**. 2025. "Mapping nine decades of research integrity studies (1935–2024): A scientometric analysis." *Accountability in Research: Ethics, Integrity and Policy*, Published Online. <https://doi.org/10.1080/08989621.2025.2470860>
6. **Gengyan Tang**. 2025. "Using mixed methods research to study research integrity: Current status, issues, and guidelines." *Accountability in Research: Ethics, Integrity and Policy*,

32(5): 807-828. <https://doi.org/10.1080/08989621.2024.2449041>

7. **Gengyan Tang.** 2024. “The punishment intensity for research misconduct and its related factors: An exploratory study on hospitals in Mainland China.” *Accountability in Research: Ethics, Integrity and Policy*, 32(7): 1219-1240.
<https://doi.org/10.1080/08989621.2024.2377723>
8. **Gengyan Tang**, Sarah Elaine Eaton. 2024. “A rapid investigation of artificial intelligence generated content footprints in scholarly publications.” *Journal of Scholarly Publishing*, 55(3): 337-355. <https://doi.org/10.3138/jsp-2023-0079>
9. **Gengyan Tang**, Jingyu Peng. 2023. “Are the lists of questionable journals reasonable: A case study of early warning journal lists.” *Accountability in Research: Ethics, Integrity and Policy*, 32(2): 158-181. <https://doi.org/10.1080/08989621.2023.2261846>
10. **Gengyan Tang**, Hao Cai, Jingwen Jia. 2022. “Status bias in Chinese scholarly publishing: An exploratory study based on mixed methods.” *Accountability in Research: Ethics, Integrity and Policy*, 31(3): 241-257. <https://doi.org/10.1080/08989621.2022.2117621>
11. **Gengyan Tang**, Jingwen Jia. 2022. “Characteristics of blacklisted journals: Evidence from Chinese-language academic journals.” *Accountability in Research: Ethics, Integrity and Policy*, 31(3): 210-221. <https://doi.org/10.1080/08989621.2022.2112953>
12. **Gengyan Tang**, Jingwen Jia. 2021. “Why do master’s students of humanities and social sciences publish papers in Chinese-language predatory journals? A qualitative study based on Grounded Theory.” *Accountability in Research: Ethics, Integrity and Policy*, 30(1):1-20. <https://doi.org/10.1080/08989621.2021.1960164>
13. **Gengyan Tang.** 2020. “Analysis on the Position of Copyright Trade in the Sino-US Trade Friction.” *Publishing Research Quarterly*, 30(1):1-20. <https://doi.org/10.1007/s12109-020-09719-z>

Letter & Correspondence (Editorially Reviewed)

1. **Gengyan Tang.** 2025. “Apply the legal ‘true malice’ principle to protect research-misconduct sleuths.” *Nature*, Published Online. <https://doi.org/10.1038/d41586-024-04230-3>
2. **Gengyan Tang.** 2023. “Letter to Editor: Academic journals should clarify the proportion of NLP-generated content in papers.” *Accountability in Research: Ethics, Integrity and Policy*, Published Online. <https://doi.org/10.1080/08989621.2023.2180359>
3. **Gengyan Tang.** 2023. “Academic journals cannot simply require authors to declare that they used ChatGPT.” *Irish Journal of Medical Science* (1971 -), 192:3195-3196.
<https://doi.org/10.1007/s11845-023-03374-x>
4. **Gengyan Tang.** 2023. “Academic journals should rethink the concept of originality before permitting the use of ChatGPT.” *European Science Editing*, 49: e104148.

<https://doi.org/10.3897/ese.2023.e104148>

Chinese-language Publications

Thesis (Peer Reviewed)

1. **Gengyan Tang.** 2022. “The dark corner of scholarly publishing: A study on the phenomenon of Chinese-language predatory journals.” *Sichuan Academy of Social Sciences* (In Chinese). <https://link.oversea.cnki.net/doi/10.27346/d.cnki.gssky.2022.000152>

Research Article (Peer Reviewed)

1. **Gengyan Tang**, Jingwen Jia. 2022. “Analysis and insights on the application of publishing research methods in China, 2016-2020.” *Science-Technology & Publication* (In Chinese), 2:129-136. <https://link.oversea.cnki.net/doi/10.16510/j.cnki.kjycb.20220118.003>
2. **Gengyan Tang**, Hui Li. 2022. “On rational trade-off in academic publishing peer review crisis.” *Publishing Research* (In Chinese), 3:60-64. <https://link.oversea.cnki.net/doi/10.19393/j.cnki.cn11-1537/g2.2022.03.016>
3. **Gengyan Tang.** 2021. “Reconstruction and reengineering: The impact of the preprint platforms on the scientific communication system.” *Studies in Science of Science* (In Chinese), 39(10):1729-1735. <https://link.oversea.cnki.net/doi/10.16192/j.cnki.1003-2053.20210327.002>
4. **Gengyan Tang**, Hao Cai. 2021. “Public opinion governance dilemma faced by preprint platforms and corresponding countermeasures: Reflection on ‘COVID-19’.” *Studies in Science of Science* (In Chinese), 39(4):587-593. <https://link.oversea.cnki.net/doi/10.16192/j.cnki.1003-2053.20201204.005>
5. **Gengyan Tang.** 2021. “The Experience and Enlightenment of *The New England Journal of Medicine* in Responding to Public Health Emergencies.” *Medicine and Society* (In Chinese), 34(5):69-72. <https://link.oversea.cnki.net/doi/10.13723/j.yxysb.2021.05.015>
6. **Gengyan Tang.** 2021. “The History, Characteristics and Inspiration of Preprint Platform Construction.” *Research on the History of Publishing in China* (In Chinese), 34(5):69-72. <https://link.oversea.cnki.net/doi/10.19325/j.cnki.10-1176/g2.2021.03.011>
7. **Gengyan Tang**, Jingwen Jia. 2021. “Concept, implementation, and content of the transparency principle of reviewing manuscripts for Chinese academic journals.” *Chinese Journal of Scientific and Technical Periodicals* (In Chinese), 32(6):757-764. <https://www.cjstp.cn/CN/10.11946/cjstp.202012311066>
8. **Gengyan Tang**, Ji Lu, Hui Li. 2021. “Research on the impact of journalism and communication periodical contents on academic influence.” *Media Observer* (In Chinese), 2:91-97. <https://link.oversea.cnki.net/doi/10.19480/j.cnki.cmgc.2021.02.013>

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9. **Gengyan Tang**, Xingxia Long, Hao Cai, Qiujiang Li. 2020. "Characteristic elements of Chinese predatory journals based on Grounded Theory." *Chinese Journal of Scientific and Technical Periodicals* (In Chinese), 31(12):1402-1408.
<https://www.cjstp.cn/CN/10.11946/cjstp.202005160497>
10. **Gengyan Tang**. 2020. "Strategies of shortening publication delays of scientific and technological journals: Taking medical journals under the 'COVID-19' context for example." *Publishing Journal* (In Chinese), 28(3):67-73.
<https://link.oversea.cnki.net/doi/10.13363/j.publishingjournal.2020.03.011>

Awards

Werklund Doctoral Scholarship – \$25,000 CAD	2025
Werklund School of Education, University of Calgary	
Eyes High International Doctoral Scholarship – \$15,000 CAD	2025
Faculty of Graduate Studies, University of Calgary	
Top 5% Highly Cited Scholars in CNKI, 2024	2025
China National Knowledge Infrastructure	
International Graduate Tuition Award – \$3,060 CAD	2024
Faculty of Graduate Studies, University of Calgary	
National Scholarship for Graduate Students – \$4,000 CAD	2021
Ministry of Education of the People's Republic of China	
National Scholarship for Graduate Students – \$4,000 CAD	2020
Ministry of Education of the People's Republic of China	
The 1st Prize for Academic Scholarship – \$2,000 CAD	2020
Sichuan Provincial Department of Education, People's Republic of China	
The 1st Prize for Academic Scholarship – \$2,000 CAD	2021
Sichuan Provincial Department of Education, People's Republic of China	
Outstanding University Graduates in Sichuan Province	2022
Sichuan Provincial Department of Education, People's Republic of China	
The 3rd Prize of the 19th Social Science Excellent Achievement Award	2021
The People's Government of Sichuan Province, People's Republic of China	

Professional Associations

COPE: Committee on Publication Ethics

Individual Member November 2024 – present

Academic Integrity Hour in Canada

Member September 2024 – present

The Chinese Association of Science of Science and S&T Policy Research

Student Member

August 2021 – present

Presentations and Conferences

1. **Gengyan Tang**, Jennifer A. Byrne, Sarah Elaine Eaton. (2025, Jul 3). *The bibliometric characteristics of paper mill retractions in the humanities and social sciences*. Calgary Colloquium on Fraud in Education, Science, and Research, Calgary, AB, Canada.
2. **Gengyan Tang**. (2025, Jan 13). *International student policies and enrolment and the impact on academic integrity*. Academic Integrity Hour in Canada, Calgary, AB, Canada.
3. **Gengyan Tang**. (2025, Feb 19). *Citation contamination of systematic review literature in the life sciences by paper mills*. Peer Beyond Graduate Research Conference 2025. University of Calgary, Calgary, AB, Canada. <http://dx.doi.org/10.13140/RG.2.2.30180.49281>
4. **Gengyan Tang**, Sarah Ealine Eaton. (2025, Mar 19). *GenAI footprint in scholarly publications reflects complex issues of academic integrity post-plagiarism*. Partnership on University Plagiarism Prevention. Calgary, AB, Canada.
<http://dx.doi.org/10.13140/RG.2.2.16758.72000>

Guest Lecture

1. **Gengyan Tang**. (2025, Jul 22). Listening into the unspeakable: Language, faith, and educational leadership [Invited guest lecture]. EDU 597 LEC 851 - Leadership in International Schools [online]. Instructor: Ms. Adelee Penner. University of Alberta, Edmonton, AB, Canada.

Service and Leadership

Peer Reviewer

I have served as a peer reviewer for the following academic journals. Certified peer review records can be accessed here: <https://orcid.org/0000-0003-3221-3134>.

BMC Medical Education, Higher Education, Higher Education Quarterly, Humanities and Social Sciences Communications, Quantitative Science Studies, Accountability in Research, Journal of Academic Ethics, Journal of Librarianship & Information Science, Journal of Scholarly Publishing, BMC Medical Research Methodology, Frontiers in Education, Discover Education, Scientific Reports, Networks and Spatial Economics, International Journal for Educational Integrity

Services

2025 – present Research Assistant, Examining Equitable Formative and Summative

Assessment Practices, Werklund School of Education, University of Calgary

Supervisor: Dr. Kim Koh & Dr. Sharon Friesen

- Conduct systematic literature review on equitable formative and summative assessment practices in K–12 settings, with particular attention to implications for Indigenous students' learning outcomes.
- Perform qualitative coding and thematic analysis of interview data to examine teachers' implementation of outcome-based assessment and reporting.
- Contribute to synthesis of findings, research memos, and methodological documentation to support project publications and knowledge mobilization materials.

2025 – present Research Assistant, Canada Research Chair Application Support

Werklund School of Education, University of Calgary

Supervisor: Dr. Sharon Friesen

- Assisted Dr. Sharon Friesen in developing the faculty's proposal for a federal talent Chair (CAD \$1–1.5M), focusing on education finance, system leadership, and democratic resilience.
- Conducted international scans of comparable Chair positions and synthesized cross-national literature to support the proposal's conceptual framework and policy rationale.
- Contributed to drafting and refining sections of the proposal, including problem framing, research significance, and institutional alignment.

2025 (November) Reviewer, University of Calgary Teaching Awards

- Evaluated nomination packages using established criteria for teaching excellence, including instructional design, assessment practices, student engagement, and evidence of impact.
- Provided written feedback and scoring to support fair, transparent adjudication, contributing to the selection of award recipients across multiple teaching categories

2025 - present Social Media Mediator, World Conference on Research Integrity (WCRI)

- Selected by the conference organizing committee to serve as a social media mediator for the world's leading forum on research integrity
- Collaborated with the communications team to ensure accurate and timely representation of the conference's values and messages

2025 - present Student Representative of Graduate Programs in Education Student Association (GPESA), University of Calgary

- Serve as a liaison between students in the Leadership specialization and GPESA, actively listening to student concerns and communicating their

feedback to the association

- Attend regular Leadership program faculty meetings to gather instructors' input and relay their suggestions and perspectives to GPESA
- Organize academic events to enhance students' understanding of new technologies—especially artificial intelligence—and promote awareness of academic integrity
- Support international students by advocating for their needs and contributing to initiatives that foster equity, diversity, and inclusion (EDI) within the School

2025 – present **Student Advisory Council Member, Centre for AI Ethics, Literacy, and Integrity (CAIELI) - University of Calgary**

- Provide strategic input to ensure CAIELI's initiatives reflect student and faculty priorities
- Advocate for student perspectives in institutional approaches to AI ethics and integrity
- Promote cross-disciplinary collaboration on AI-related events and engagement projects
- Represent and amplify CAIELI's mission within and beyond the university community

2024 - present **Social Media Manager at the journal *Accountability in Research: Ethics, Integrity and Policy***

- Assist in disseminating scholarly content to broader audiences through strategic social media engagement
- Support knowledge mobilization efforts by translating academic findings into accessible formats
- Promote dialogue around research integrity and ethical scholarship across platforms
- Contribute to policy impact by highlighting actionable insights from published research

2024 (October) **Academic Integrity Week - University of Calgary**

- Engaged with students to raise awareness of academic integrity principles and their importance in higher education
- Conducted outreach activities to promote university policies on academic honesty, including ethical AI use in coursework
- Distributed educational materials and offered guidance to support students' understanding of responsible academic practices

Social Impact

Media Interview

1. Interviewed by ***Canadian Affairs*** for the article "Why Canada is ill-equipped to tackle the

growing threat of fake science” (**Canadian Affairs**, August 2025), offering insights that help Canada identify vulnerabilities in its research-integrity policies.

2. Interviewed by **STAT News** for the article “Systematic reviews cited retracted articles, new study finds” (**STAT News**, June 2025), offering novel insights into the structural mechanisms and citation contamination effects of paper mill articles, as demonstrated in my latest study on research integrity.
3. Interviewed by **Nature** for the article “Authorship for sale: Nature investigates how paper mills work” (**Nature**, June 2025), offering insights into the systemic factors that drive the proliferation of paper mills in the context of research integrity.
4. Interviewed by **Nature** for the article “China’s supreme court calls for crack down on paper mills” (**Nature**, March 2025), contributing insights on the structure and influence of paper mills in research integrity.

Media Coverage and Citations

1. **Gastroinfo**. Jul 2025. “In che modo i paper mill compromettono l’integrità delle revisioni sistematiche?” Coverage of my paper, “*Citation contamination by paper mill articles in systematic reviews of the life sciences*”.
2. **Revista Pesquisa FAPESP**. Jun 2025. “Sínteses contaminadas.” Coverage of my paper, “*Citation contamination by paper mill articles in systematic reviews of the life sciences*”.
3. **Retraction Watch**. Jun 2025. “Weekend reads: Journals are MAGA’s ‘latest target’; a psychedelic retraction; professor sues rival over plagiarism accusations.” Cited my paper, “*Citation contamination by paper mill articles in systematic reviews of the life sciences*”.
4. **Retraction Watch**. Jan 2025. “Weekend reads: Inside mass resignations; Ukraine’s “stolen institutions”; federal U.S. cuts hit journal subscriptions.” Cited my paper, “*Mapping nine decades of research integrity studies (1935–2024): A scientometric analysis*”.
5. **Retraction Watch**. Jan 2025. “Weekend reads: Inside mass resignations; Ukraine’s “stolen institutions”; federal U.S. cuts hit journal subscriptions.” Cited my paper, “*Mapping nine decades of research integrity studies (1935–2024): A scientometric analysis*”.
6. **Retraction Watch**. Jan 2025. “Weekend reads: ‘Lack of informed consent’ in DNA data; protecting the ‘prey’ of predatory journals; another ivermectin-COVID-19 retraction.” Cited my paper, “*Using mixed methods research to study research integrity: Current status, issues, and guidelines*”.
7. **Retraction Watch**. Jan 2025. “Weekend reads: ‘Honest overachievers;’ the unpublished Lucy Letby paper; ‘atom-thin salami slicing’.” Cited my paper, “*Using mixed methods research to study research integrity: Current status, issues, and guidelines*”.
8. **Retraction Watch**. Jan 2025. “Weekend reads: ‘Honest overachievers;’ the unpublished Lucy Letby paper; ‘atom-thin salami slicing’.” Cited my paper, “*Apply the legal ‘true malice’ principle to protect research-misconduct sleuths*”.

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9. **Jieluoxuan.** August 2024. “The higher the academic rank, the lighter the punishment.” Coverage of my paper, “*The punishment intensity for research misconduct and its related factors: An exploratory study on hospitals in Mainland China*”.
10. **Retraction Watch.** July 2024. “Weekend reads: The world’s most cited cat; ‘Is peer review failing its peer review?’; Oxford prof accused of stealing research.” Cited my paper, “*The punishment intensity for research misconduct and its related factors: An exploratory study on hospitals in Mainland China*”.
11. **Retraction Watch.** June 2024. “Weekend reads: ‘An epidemic of scientific fakery’; death threats for critics; Cleveland clinic settles mismanagement allegations for \$7.6 million.” Cited my paper, “*A rapid investigation of artificial intelligence generated content footprints in scholarly publications*”.
12. **Il Bo Live.** April 2024. “La lista cinese dei periodici accademici sospetti.” Coverage of my paper, “*Are the lists of questionable journals reasonable: A case study of early warning journal lists*”.
13. **Retraction Watch.** August 2022. “Weekend reads: ‘The problem of irreproducible bioscience research;’ ‘How to stop the unknowing citation of retracted papers;’ data scandal leads to stock drop.” Cited my paper, “*Characteristics of blacklisted journals: Evidence from Chinese-language academic journals*”.

Institutional Recommendations

1. **RestoRes.** 2025. “Not Dead but retracted: how paper mill articles persist in systematic reviews.” Recommended my paper, “*Citation contamination by paper mill articles in systematic reviews of the life sciences*”.
2. **Duke University - Duke AI Health.** 2025. “AI Health Friday Roundup.” Recommended my paper, “*Using mixed methods research to study research integrity: Current status, issues, and guidelines*”.
3. **Bibliothèque du Centre hospitalier de l’Université de Montréal.** 2025. “Reproductibilité en recherche – intégrité.” Recommended my paper, “*Mapping nine decades of research integrity studies (1935-2024): A scientometric analysis*”.
4. **Open Library Society.** 2025. “Biomed news on scholarly communication 2025-01-05” Recommended my paper, “*Apply the legal ‘true malice’ principle to protect research-misconduct sleuths*”.
5. **The Library of University of Saskatchewan.** 2024. “Artificial intelligence: Selected resources.” Recommended my paper, “*A rapid investigation of artificial intelligence generated content footprints in scholarly publications*”.
6. **Northern New York Library Network.** 2024. “Informed librarian online - featured article”. Recommended my paper, “*A rapid investigation of artificial intelligence generated content footprints in scholarly publications*”.

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7. **Open Library Society.** 2022. "Biomed news on scholarly communication 2022-08-14"

Recommended my paper, "*Characteristics of blacklisted journals: Evidence from Chinese-language academic journals*".