

Tzuhao (Howard) Chen

Florida International University
11200 SW 8th Street, PCA-352A, Miami, FL 33199, USA

Email: tzchen@fiu.edu

ORCID: [0000-0001-5570-7626](https://orcid.org/0000-0001-5570-7626)

Website: <https://sites.google.com/view/tzuhaochen>

ACADEMIC EMPLOYMENT

2025- **Assistant Professor**, Department of Public Policy and Administration, Steven J. Green School of International and Public Affairs, Florida International University (FIU), Miami, FL, USA

EDUCATION

2019-2025 **Ph.D. in Public Administration and Policy**
Rockefeller College of Public Affairs and Policy, University at Albany, State University of New York (SUNY-Albany), Albany, NY, USA
Co-chairs: Dr. Mila Gasco-Hernandez and Dr. J. Ramon Gil-Garcia

2015-2018 **M.A. in Public Administration**
Graduate Institute of Public Affairs, National Taiwan University (NTU), Taipei, Taiwan

2011-2015 **B.A. in Public Administration (Minor in Economics)**
Department of Political Science, National Taiwan University (NTU), Taipei, Taiwan

RESEARCH INTERESTS

Public management, digital government, public sector innovation, artificial intelligence, smart cities

PUBLICATIONS

[†] indicates corresponding author if different from the first author.

* indicates student co-author at the time of manuscript preparation.

Peer-reviewed Journal Articles

1. **Chen, Tzuhao.**, Gasco-Hernandez, Mila. & Gil-Garcia, J. Ramon. (2026). "Understanding Accountability in AI Use Within the Public Sector: Insights From State Governments in the United States." *Public Administration*, 1-19. [\[DOI\]](#)
2. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†]., Burke, G. Brian. & Werthmuller, Derek. (2026). "Characterizing the Interactions between Technology, Organization, and People in Government Digital Transformation: A Multilevel View of Enactment." *Public Management Review*, 1-30. [\[DOI\]](#)

3. Yuan, Qianli. & **Chen, Tzuhao**[†]. (2025). “Holding AI-based Systems Accountable in the Public Sector: A Systematic Review.” *Public Performance & Management Review*, 48(6): 1389-1422. [\[DOI\]](#)
4. **Chen, Tzuhao.** & Gasco-Hernandez, Mila. (2025). “Uncovering the Results of AI Chatbot Use in the Public Sector: Evidence from US State Governments.” *Public Performance & Management Review*, 48(6): 1331-1356. [\[DOI\]](#)
5. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†]., Burke, G. Brian., Dey, Alessandria. & Werthmuller, Derek. (2024). “Characterizing Technology Affordances, Constraints, and Coping Strategies for Information Dissemination to the Public: Insights from Emergency Messaging in U.S. Local Governments.” *Government Information Quarterly*, 41(1): 101910. [\[DOI\]](#)
6. **Chen, Tzuhao.**, Gasco-Hernandez, Mila. & Esteve, Marc. (2024). “The Adoption and Implementation of Artificial Intelligence Chatbots in Public Organizations: Evidence from U.S. State Governments.” *The American Review of Public Administration*, 54(3): 255-270. [\[DOI\]](#)
7. Gil-Garcia, J. Ramon., **Chen, Tzuhao.** & Gasco-Hernandez, Mila. (2023). “Smart City Results and Sustainability: Current Progress and Opportunities for Future Research.” *Sustainability*, 15(10): 8082. [\[DOI\]](#)
8. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†]. & Gasco-Hernandez, Mila. (2022). “Understanding Social Sustainability for Smart Cities: The Importance of Inclusion, Equity, and Citizen Participation as both Inputs and Long-Term Outcomes.” *Journal of Smart Cities and Society*, 1(2): 135-148. [\[DOI\]](#)

Editor-reviewed Journal Article

1. Buyannemekh, Battulga. & **Chen, Tzuhao**[†]. (2021). “Digital Governance in Mongolia and Taiwan: A Gender Perspective.” *Information Polity*, 26(2): 193-210. [\[DOI\]](#)

Peer-reviewed Conference Proceedings

1. Cong, Yongqing[†]., **Chen, Tzuhao**[†]. & Frank, Howard. (2026). “From Data to Decisions: AI Traffic Management in a Mid-sized City.” 27th Annual International Conference on Digital Government Research (dg.o 2026). Omaha, NE, United States, June 1st–4th. [Proceedings published by Delft University of Technology (TU Delft)] [\[DOI\]](#)
2. Hand, Laura., **Chen, Tzuhao.** & Luna-Reyes, Luis F. (2026). “Business Case Development for Public Sector AI Procurement: Examining Stakeholder Engagement.” 27th Annual International Conference on Digital Government Research (dg.o 2026). Omaha, NE, United States, June 1st–4th. [Proceedings published by Delft University of Technology (TU Delft)] [\[DOI\]](#)
3. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†]., Burke, G. Brian. & Werthmuller, Derek. (2024). “Harnessing Technology for Effective Emergency Communication: A Participatory Design Perspective.” 25th Annual International Conference on Digital Government Research (dg.o 2024). Taipei, Taiwan, June 11th–14th. [Proceedings published by the Association for Computing Machinery (ACM)] [Nominated for Best Management Paper Award] [\[DOI\]](#)

4. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†], Burke, G. Brian. & Werthmuller, Derek. (2023). “*Enabling Effective Emergency Message Writing through Technology: A Participatory Design Approach.*” EGOV-CeDEM-ePart 2023 Conference, Budapest, Hungary, September 4th-7th. [Proceedings published by CEUR-WS.org] [[LINK](#)]
5. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†], Burke, G. Brian., Dey, Alessandria. & Werthmuller, Derek. (2023). “*Understanding Cross-Boundary Information Sharing in Emergency Management: Insights from Public Alert and Warning Messages in US Local Governments.*” 24th Annual International Conference on Digital Government Research (dg.o 2023). Gdańsk, Poland, July 11th-14th. [Proceedings published by the Association for Computing Machinery (ACM)] [[DOI](#)]
6. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon[†]. & Gasco-Hernandez, Mila. (2022). “*Cross-Boundary Information Sharing Flows in Emergency Management.*” 23rd Annual International Conference on Digital Government Research (dg.o 2022). Virtual conference, June 15th-17th. [Proceedings published by the Association for Computing Machinery (ACM)] [[DOI](#)]

Peer-reviewed Book Chapter

1. **Chen, Tzuhao.** (2025). “Unveiling the Linkages between Political Regimes, Open Data Performance, and Anti-Corruption Outcomes: A Cross-national Comparative Study.” In Gasco-Hernandez, Mila., Prasad, Aryamala., Gil-Garcia, J. Ramon. & Pardo, Theresa. (eds). *Research Handbook on Open Government*. Northampton, MA: Edward Elgar Publishing. [[DOI](#)]

Book Review

1. **Chen, Tzuhao.** (2024). “Book review: The Politics of Evidence: From Evidence-based Policy to the Good Governance of Evidence.” *Taiwanese Journal of Public Administration*. (In Mandarin) [[DOI](#)]

CONFERENCE PRESENTATIONS

1. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon. & Gasco-Hernandez, Mila. (2026). “*AI in the Public Sector: Accountability Through the Eyes of Citizens.*” 2026 American Society for Public Administration (ASPA) Annual Conference. Hollywood, CA, United States, March 20th-24th.
2. Huang, Zong-Xian., Chu, Li-Chen. & **Chen, Tzuhao.** (2025). “*Exploring Public Acceptance of Artificial Intelligence in Court Decision Making.*” Northeast Conference on Public Administration (NECoPA). Union, NJ, United States, November 7th-8th.
3. Ganapati, Sukumar. & **Chen, Tzuhao.** (2025). “*Digital Twinning in Smart Cities.*” Southeastern Conference for Public Administration (SECoPA). Coral Springs, FL, United States, September 10th-13th.
4. **Chen, Tzuhao.**, Gasco-Hernandez, Mila. & Gil-Garcia, J. Ramon. (2025). “*How does AI change the dynamics of accountability in public organizations?*” 2025 American Society for Public Administration (ASPA) Annual Conference. Washington, DC, United States, March 28th-April 1st.
5. **Chen, Tzuhao.** & Wang, Mao. (2024). “*Investigating COVID-19 Data Reporting in Taiwan: A Benford’s Law Analysis.*” 19th Annual International Conference of Taiwan Association for Schools of Public Administration

and Affairs (TASPAA). Chiayi, Taiwan, May 3rd–4th.

6. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon., Burke, G. Brian. & Werthmuller, D. (2024). “*Navigating the Interplay of Technology, Organization, and Individual Aspects in Digital Transformation: Insights from Emergency Communication within US Local Governments.*” 2024 American Society for Public Administration (ASPA) Annual Conference. Minneapolis, MN, United States, April 12th–16th.
7. **Chen, Tzuhao.** (2023). “*Unveiling the Key Determinants Influencing Accountability in the Use of AI Systems in Government.*” SUNY AI Symposium. Albany, NY, United States, October 16th.
8. **Chen, Tzuhao.** & Gasco-Hernandez, Mila. (2023). “*The Perceived Impact of Using Artificial Intelligence Chatbots on Public Organizations: Insights from US State Governments.*” XXVII Annual Conference of the International Research Society for Public Management (IRSPM). Budapest, Hungary, April 3rd–5th.
9. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon., Burke, G. Brian., Dey, Alessandria. & Werthmuller, Derek. (2023). “*The Use of Technology for Emergency Messaging in US Local Governments: A Perspective of Affordances, Constraints, and Coping Strategies.*” 2023 American Society for Public Administration (ASPA) Annual Conference. Virtual conference, March 20th–24th.
10. **Chen, Tzuhao.**, Gil-Garcia, J. Ramon. & Gasco-Hernandez, Mila. (2021). “*The Importance of Social Sustainability for Smart Cities: Understanding Inclusion, Equity, and Citizen Participation as Long-Term Outcomes.*” Northeast Conference on Public Administration (NECoPA). Virtual conference, November 5th–6th.
11. **Chen, Tzuhao.** & Gasco-Hernandez, Mila. (2021). “*Political Regimes, Open Data, and Corruption: A Multilevel Mediation Comparative Study.*” Public Management Research Conference (PMRC). Virtual conference, June 23rd–26th.

RESEARCH GRANTS AND FUNDING

2026-2027 **Research Report Stipends** (\$20,000), IBM Center for The Business of Government.
Principal Investigator (Co-PI: Dr. Sukumar Ganapati).

HONORS AND AWARDS

2026	Distinguished Doctoral Dissertation Award , Rockefeller College of Public Affairs and Policy, SUNY-Albany.
2024	Honorary Award for Distinguished Public Engagement (Message Design Dashboard), SUNY-Albany. Digital Governance Junior Scholar Award , ASPA Section on Science and Technology in Government. Outstanding Candidacy Paper Award , Rockefeller College of Public Affairs and Policy, SUNY-Albany.
2023-2025	Professional Development Grant , Graduate Student Association, SUNY-Albany.
2022-2025	Student Conference Travel Support , Rockefeller College of Public Affairs and Policy, SUNY-Albany.

- 2022 **Distinguished Service Professor David F. Andersen Scholarship** (\$1,100), Rockefeller College of Public Affairs and Policy, SUNY-Albany.
- 2019-2023 **Government Scholarship for Ph.D. Overseas Study** (\$188,000), Ministry of Education, Taiwan.
- 2019 **Honorary Member**, Phi Tau Phi Scholastic Honor Society of the Republic of China, Taiwan.
- 2017 **Outstanding Teaching Assistant Award**, NTU.
- 2016-2017 **Excellent Teaching Assistant Award for Applied Statistics**, NTU [Two times].
- 2014 **Ying Quan Scholarship of Public Administration**, Taiwan.
- 2013 **Ching-Chien Chang Scholarship of Administrative Science**, Taiwan.
- 2011-2014 **NTU-Peking University Short-term Exchange Program**, NTU.
- 2011-2014 **Presidential Award**, NTU [Five times].

TEACHING EXPERIENCES

Courses Taught at FIU

- 2026- PAD 3003 Introduction to Public Policy and Administration (Undergrad). [Online]
 PAD 7705 Applied Quantitative Analysis I (PhD). [In-person]
- 2025- PAD 6718 Smart Governance (Graduate). [Online]

Guest Lectures

- 2025 “*Chatbots in Government Services.*” Public Management and Sustainability (Graduate). Department of Public Administration, National Chengchi University, Taiwan. [Online]
- 2024 “*Digital Innovation in the Public Sector.*” Public Administration Theory and Practice (Graduate). Department of Political Science, Texas Tech University, United States. [Online]
- “*Chatbots in the Public Sector.*” Understanding Public Organizations (Undergrad). Rockefeller College of Public Affairs and Policy, SUNY-Albany, United States. [In-person]
- “*Chatbots in the Public Sector.*” Technology and Public Administration (Graduate). School of Public Affairs and Administration, Rutgers University-Newark, United States. [Online]

Teaching Assistants

- 2023 Public Administration and Information Technologies (Undergrad). Rockefeller College of Public Affairs and Policy, SUNY-Albany, United States. [Online]
- 2015-2018 Applied Statistics (Undergrad). Department of Political Science, NTU, Taiwan. [In-person]
 Introduction to Public Administration (Undergrad). Department of Political Science, NTU, Taiwan. [In-person]

RESEARCH MENTORING

- 2026 **Faculty Mentor.** International Conference on Digital Government Research (dg.o).
- 2026- **Dissertation Committee Member.** Georgiana Clarke. *The Formation, Implementation and Outcomes of Cybersecurity Policies*. Chair: Sukumar Ganapati; Co-Chair: Donavon Johnson.

2025-2026 **Dissertation Committee Member.** Ebenezer (Kobby) Acquah. *Analyzing Cyber Policies in Public Sector Governance: Artificial Intelligence, Cybersecurity, and Cyber Insurance.* Chair: Sukumar Ganapati.

INVITED TALKS

2024 “*Chatbots in the Public Sector: Current State and Future Scope.*” Graduate Institute of Public Affairs, National Taiwan University, Taiwan. [In-person]
 “*Holding AI-based Systems Accountable in the Public Sector: A Systematic Review.*” Agile and Digital Governance Research Colloquium, co-organized by the University of Konstanz, Bocconi University, University College London, and Yonsei University. [Online]
2022 “*The Adoption, Implementation, and Impact of AI Chatbots in Public Organizations.*” Rockefeller Brown Bag, SUNY-Albany, United States. [Online]

SERVICES

Services to the Department

2025- Organizer, Public Policy and Administration Colloquium.
2025- Member, Ph.D. Committee.

Academic Services

Editorial board

2024- Social Media Editor, *Information Polity*.

Conference leadership

2026 Co-Chair of the Track “Artificial Intelligence System Design for Public Value Creation,” International Conference on Digital Government Research (dg.o).
 Co-Chair of the Poster Session, International Conference on Digital Government Research (dg.o).
2025- Member, Program Committee, International Conference on Digital Government Research (dg.o).
2024 Administrative Assistant, International Conference on Digital Government Research (dg.o).
2021 Administrative Assistant, International Research Society for Public Management Annual Conference (IRSPM).
 Administrative Assistant, International Conference on Digital Government Research (dg.o).

Guest editor

2020-2021 Guest Editor for the special issue, “Building Smart and Sustainable Cities: Emerging Technologies and Innovation for Digital-Era Governance and Long-Term Impacts,” in *Sustainability*. (with Dr. J. Ramon Gil-Garcia and Dr. Mila Gasco-Hernandez).

Ad hoc reviewer

Journals *Public Administration and Policy*

Asia & the Pacific Policy Studies
 International Journal of Public Administration
 International Journal of Public Sector Management
 International Public Management Journal
 International Review of Administrative Sciences
 Journal of Asian Public Policy
 Journal of Chinese Governance
 Journal of Public Policy
 Local Government Studies
 Perspectives on Public Management and Governance
 Policy Studies Journal
 Public Administration
 Public Administration and Development
 Public Administration Quarterly
 Public Management Review
 Public Money & Management
 Public Performance and Management Review
 Public Policy and Administration

Digital Government and Governance

Digital Government: Research and Practice
 Government Information Quarterly
 Information Polity
 Social Science Computer Review

Others

European Journal of Innovation Management
 International Journal of Human-Computer Interaction
 Management Decision
 Natural Hazards Review

Conferences International Research Society for Public Management Annual Conference (IRSPM)
 Hawaiian International Conference on System Sciences (HICSS)
 International Conference on Digital Government Research (dg.o)

Others Rapid Expert Consultation, Societal Experts Action Network, The National Academies
 Research Handbook on Open Government

External research collaboration

2026-2030 Collaborator, Insight Grant, “Regulating Online Harms and Effects on Women’s Political Participation.” PI: Dr. Netina Tan, McMaster University (Funded by the Social Sciences and Humanities Research Council of Canada, SSHRC).

Other Services

2021-2022 Student Co-organizer for the Rockefeller Brown Bag, SUNY-Albany.
 2020-2021 Vice President, Taiwanese Student Association, SUNY-Albany.
 2016-2017 Student Representative, Graduate Institute of Public Affairs, NTU.

MEDIA MENTIONS

- 2026 Researchers Examine How AI Chatbots Are Shaping Government Operations. News article. SUNY-Albany, March 26. [\[LINK\]](#)
- 2025 How UAlbany researchers get emergency weather alert systems to the public. News video. NEWS10 ABC, July 25. [\[LINK\]](#)
UAlbany Researchers Develop FEMA Dashboard to Support Emergency Alert Messaging. News article. SUNY-Albany, July 15. [\[LINK\]](#)
Rockefeller Student Explores AI, Government Decision-Making. News article. SUNY-Albany, May 8. [\[LINK\]](#)
- 2024 CTG UAlbany Study Examines Role of Technology in Emergency Messaging. News article. SUNY-Albany, October 31. [\[LINK\]](#)
Chatbots Vital for Government Messaging, Reaching Residents. News article. Government Technology, October 25. [\[LINK\]](#)
How Are Chatbots Being Used in Government Agencies?. News article. Government Technology, February 7. [\[LINK\]](#)
CTG UAlbany Study Examines AI Chatbots in Public Organizations. News article. SUNY-Albany, January 24. [\[LINK\]](#)
- 2022 Doctoral Student Studies Role of AI in Government. News article. SUNY-Albany, December 13. [\[LINK\]](#)

PROFESSIONAL AFFILIATIONS

International Research Society for Public Management (IRSPM)
American Society for Public Administration (ASPA)
Public Management Research Association (PMRA)
Digital Government Society (DGS)

PROFESSIONAL DEVELOPMENT

- 2024 Online Seminars on Teaching Digital-era Government. Teaching Public Service in the Digital Age (TPSDA). September–October.
- 2022 Data Science for Public Policy Micro-Credential. Jorge M. Pérez Metropolitan Center, Florida International University. May–June.
- 2022 ÊSTIMATE: Early Summer Tutorial in Modern Applied Tools of Econometrics. Department of Economics, Michigan State University. June 10th–13th.

ADDITIONAL EMPLOYMENT

- 2021-2025 Research Assistant, Center for Technology in Government, SUNY-Albany
- Message Design Dashboard: Development of a Standardized Messaging Tool (Funded by US Federal Emergency Management Agency, FEMA)
 - Smart and Connected Communities (SCC): Integrating Heterogeneous Wide-Area Networks and Advanced Data Science to Bridge the Digital Divide in Rural Emergency Preparedness and Response (Funded by US National Science Foundation, NSF)
- 2018-2019 Project Manager, Graduate Institute of Public Affairs, NTU

- Developing Trend in Social Welfare Research Project (Funded by Taiwan Ministry of Health and Welfare)

LANGUAGES AND SKILLS

English (professional proficiency); Mandarin Chinese (native)

Programming and Software: R, Stata, Python, SPSS, MySQL, MongoDB, LaTeX, MAXQDA