

Cheng-Shan (Frank) Liu

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Curriculum Vita

Professor,
Institute of Political Science,
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Academic Background

Education

- Ph.D. Political Science, the University of Kansas, May 2006
- M.A., Political Science, the University of Kansas, May 2002
- B.A., Political Science (Division of Political Thoughts), National Taiwan University, June 1998

Research

Refereed Journal Articles

- 2017. (with Ryan Chang and Alex Tan) "The spiral of deinstitutionalization: An observation about the field opinion within Kuomintang against public opinion during the 2016 presidential election campaign." *Issues & Studies*, forthcoming.
- 2017. "Declining news media viewership and the survival of political disagreement." *International Journal of Public Opinion Research*, 29(2): 240-268.
- 2017. (with Yi-tan Li). Generation matters: Taiwan's perceptions of mainland China and attitudes towards cross-strait trade talks. *Journal of Contemporary China*, 26(104), 263-279.
- 2016. (forthcoming; with Lee, I.-C., Su, J. C., & Gries, P. H.) When objective group membership and subjective ethnic identification don't align: How identification shapes intergroup bias through self-enhancement and perceived threat. *Group Processes & Intergroup Relations*, (published online first) 1-16.
- 2016. (with Ai-Jhen Tsai 蔡艾真) (in Chinese) "Myth of independent voters and the prediction of closet partisans' party identification in Taiwan" (中間選民的迷思與隱性選民之政黨傾向初探) *Taiwan Political Science Review* (臺灣政治學刊) 20(2): 65-123.
- 2016. (in Chinese) "Visualizing Habitual Domains Differences Across Political Generations: Exploring the Patterns with Multiple Correspondence Analysis" (世代之間政治認同差異的圖像：以多重對應分析結合習慣領域視野進行的探索). *Journal of Habitual Domains* (習慣領域期刊), 7(2), 27-50.
- 2016. Taiwanese voters' political identification profile 2013-2014: Becoming one China or creating a new country? *Asian Survey*. 56(5): 931-957.
- 2016. (in Chinese) "Realizing Ideal Habitual Domains Through Pureland School Buddhism's Perspective and Practice" (從學佛念佛領略習慣領域的奧趣). *Journal of Habitual Domains* (習慣領域期刊), 7(1), 39-61.

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- 2015. Liu, Frank C. S., and Yu-Sung Su. "Adjusting Survey Response Distributions Using Multiple Imputation: A Simulation with External Validation (應用多重插補法評估選民政黨傾向的可行性：以電話調查中不表態中間選民為例)." *Survey Research (調查研究-方法與應用)* (34): 7-32.
 - 2014. (in Chinese). "Patterns of the Political Discussion in Kaohsiung Voters' Daily Life" (高雄民眾政治談論溝通網絡的樣貌). *Policy and Personnel Management (政策與人力管理)*, 5(1), 49-80.
 - 2014. "Using multiple imputation for vote choice data: A comparison across multiple imputation tools." *Open Journal of Political Science*, 4(2), 39-46. doi:10.4236/ojps.2014.42006
 - 2014. (with Francis L. F. Lee) "The impact of political party support on interpersonal political discussion: Survey evidence from two Chinese societies." *Asian Journal of Communication*. 24(2), 109-127.
 - 2013. (with Francis L.F. Lee) "State, National, and Pan-national Identification in Taiwan and Hong Kong: Standing Together as Chinese?" *Asian Survey*. 53(6): 1112-1134
 - 2012. (in Chinese) (with Shu-Hua Chu 朱淑華)"Pure independents'reconsidered: Using the qualitative approach to explore why independent leaners hide their partisan orientation" (不中間的中間選民：以質性方法初探有政黨傾向選民隱藏政黨傾向的原因). *Shoochow Journal of Political Science (東吳政治學報)*. 30(4): 177-233
 - 2012. "When Taiwan identifiers embrace ROC: The complexity of state identification in Taiwan." *Issues & Studies*, 48(2), 1-34.
 - 2011. "Validation and agent-based modeling: A practice of contrasting simulation results with empirical data." *New Mathematics and Natural Computation*. 7(3): 515-541.
 - 2011. (with Simon Lin 林誠謙、Jing-ya You 尤靖雅、Yu-Ting Chen 陳佑定、Jing-Lung Sun 孫敬倫)"From internal validation to sensitivity test: How grid computing facilitates the construction of an agent-based simulation in social sciences". *Proceedings of Science (DOA)*.
 - 2011. (in Chinese) "News Media and Communication Networks: How a Political Scientist Comprehends the Concept of Context" (媒體與社群：一個政治傳播學者眼中的脈絡). *Journal of Communication Research and Practice (傳播研究與實踐)*. 1(2): 75-82.
 - 2011. (with Albert Chiu 邱師儀) "Network Heterogeneity, Partisan Defection, and Voter Turnout: Examine Theory with Empirical Data from Taiwan." *International Journal of Business and Social Science*. 2(19):258-272.
 - 2011. "Perceived Partisan Heterogeneity in Communication Networks and Changes in Party Choice in a National Election: Evidence from Taiwan." *International Political Science Review*. 32(1):61-78.
 - 2010. "Reconstruct Partisan Support Distribution with Multiply Imputed Survey Dada: A Case Study of Taiwan's 2008 Presidential Election." *Survey Research (調查研究-方法與應用)*, 24: 135-162.
 - 2010. (in Chinese) "The Challenges of Practicing Deliberative Democracy in Taiwan and a Possible Solution." (當前審議式民主的困境及可能的出路). *The Chinese Public Administration Review (中國行政評論)* 17(2):109-132.
 - 2010. "Polarized news media and the polarization of the electorate." *International Journal of Artificial Life Research*. 1(1): 35-50.
 - 2009. (in Chinese) "Partisan orientation and selective exposure during Taiwan's 2008 presidential election campaign (2008年總統大選競選期間政黨支持者選擇性接觸媒體傾向的分析)" *Electoral Studies (選舉研究)*.
 - 2009. "The volatility of national identification: A mix-method pilot study of Taiwanese young adults" *Asian Social Science*, 55 (7): 29-40.
 - 2009. "Modeling political individuals using the agent-based approach: A preliminary case study on political experts and their limited influence within communication networks" *Journal of Computers (電腦學刊)*, 19 (4): 8-19.

- 2008. (in Chinese) “The methodological base of applying agent-based modeling to political science research (代理人基模擬途徑的政治學方法論根基)” *Political Science Review* (政治科學論叢), 36 (June): 149-186.
- 2007. “Constrained opinion leader influence in an electoral campaign season: Revisiting the two-step flow theory with multi-agent simulation” *Advances in Complex Systems*, 10(2): 233-250.
- 2006. “Communication networks and the changes in electoral choices: A study of Taiwan’s 2002 mayoral elections” *Journal of East Asian Studies*, 6(1): 139-58.
- 2005. “A High-tech illusion or a solution? American political scientists’ perspectives on E-Democracy” *Journal of Cyber Culture and Information Society* (資訊社會研究), 9 (July): 205-32.

Other Publication

- 2017. (in Chinese) (with 彭伊絹)。網路社會裡的政治討論、新聞閱聽與投票動能 (頁10-23)。電子商務與網路社會新境界2017。台北：前程文化。
- 2016. Book review (In Chinese): Norris, P. (2015). *Why Elections Fail*. New York: Cambridge University Press. *Taiwan Democracy Quarterly Book Review* (台灣民主季刊), 13 (1): 189-195.
- 2015. (in Chinese) (with 馮浩峻、郭明賢)。社群網路與投票動員：透過網路調查平台進行的實驗觀察 (頁334-351)。電子商務與網路社會新境界2016。台北：前程文化。
- 2013. Book Chapter (In Chinese) (with 莊文忠) 「項目無反應資料的多重插補分析」in 黃紀主編《台灣選舉與民主化調查 (TEDS) 方法論之回顧與前瞻》 (台北：五南) pp. 275-306。
- 2013. Book Chapter (In Chinese) (with 洪永泰) 「2012年總統大選期間年輕網路使用者的投票行為觀察」in 廖達琪主編《網路民主：台灣iVoter投票諮詢網站建置紀實》 (台北：五南) pp. 。
- 2012. Magazine Article. (In Chinese). Are we rational voters? Let’s talk about media influence that you may not know. (你可能不知道的媒體影響). *Science Monthly* (科學月刊), 408: 12-18.
- 2011. Magazine Article. (In Chinese). Studying across Disciplines: Why and How (同時做個學門內部的專才與跨學門的通才：談談社會科學的跨界). <http://case.ntu.edu.tw/shs/?p=6835>
- 2011. Book Chapter (In Chinese). The Challenges of Practicing Deliberative Democracy in Taiwan and a Possible Solution. (當前審議式民主的困境及可能的出路)，梁文韜編，《審議式民主的理想與侷限》，頁1-，台北：巨流圖書公司。
- 2010. Book Review (In Chinese): Hao, Zhidong 郝志東 (2010). *Whiter Taiwan and Mainland China: National Identity, the State, and Intellectuals*. Hong Kong: Hong Kong University Press. *Taiwan Democracy Quarterly* (台灣民主季刊) 7(2): 227-232.
- 2009. Book review (In Chinese): Shoemaker, Pamela J.; Tankard, James W. & Lasorsa, Dominic L.(2004). *How to Build Social Science Theories*. Thousand Oaks, Calif: Sage. *Political Science Quarterly Book Review* (政治科學季評), 21.
- 2007. Book review (In Chinese): Mutz, D. C. (2006). *Hearing the Other Side: Deliberative Versus Participatory Democracy*. New York: Cambridge University Press. *Political Science Quarterly Book Review* (政治科學季評), 13.

Conference Presentation

- Liu, F. C. -S., Chang, R. Y. P., & Tan, A. C. (2016). The Spiral of Deinstitutionalization Untangled: An Observation about the Field Opinion within Kuomintang against Public Opinion During the 2016 Presidential Election Campaign. International Workshop on Parties Online, Kaohsiung City, Taiwan.
- 劉正山 (2016)。政治學中建立厚資料傳統的契機與挑戰。中國政治學會年會@東華大學, 2016.11.25-26.

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- 劉正山 (2016) . 當前政治認同測量題關係釐清後的世代差異圖像的檢視. 台灣政治學會年會 @世新大學, 2016.10.22-23.
 - Liu, F. C.-S. (2016). Transformations of Taiwanese People's State Identity. Presented at the American Political Science Association (APSA) annual meeting, Sept. 1-4, 2016, Philadelphia, USA.
 - Liu, F. C.-S. (2016). Installation of public opinion sensors: How a community-based web survey platform facilitates the collection of qualitative opinion data. Presented at the International Symposium on Grids and Clouds (ISGC 2016), Taipei.
 - Liu, F. C. -S., Chang, R. Y. P., & Tan, A. C. (2015). The spiral of deinstitutionalization: An observation about the field opinion within Kuomintang against public opinion during the 2016 presidential election campaign. Presented at the the Workshop on Institutionalization and Deinstitutionalization of Party and Political Organizations, National Sun Yat-Sen University, Kaohsiung City, Taiwan.
 - Liu, F. C.-S. (2015). How much should we worry about the polarization effect of polarized news media? Assessment with agent-based simulation. Presented at the Annual Meeting of Computing in Economics and Finance (CEF 2015), Taipei.
 - 劉正山, & 蔡艾真. (2014). 隱性選民之政黨意識與其政黨傾向偵測 (Partisan Motivated Reasoning and the Prediction of Closet Partisans' Party Identification). Presented at the Taiwan Political Science Association Annual Meeting (TPSA 2014), National Taiwan University, Taipei, Taiwan.
 - Liu, F. C.-S., & Li, Y.-T. (2014). Brothers or friends?: Taiwanese voters' perception about the relationship between the two sides of the taiwan strait. Presented at the Taiwan Political Science Association 2014 Annual Meeting, National Taiwan University, Taipei, Taiwan.
 - Liu, F. C.-S. (2014). Are we family? Inspecting the influence of Taiwanese people's country, nation, culture, and civil identification on the perception of relationship with "China." Presented at the West Political Sceicne Association Annual Meeting, Seattle, WA, USA.
 - Liu, F. C.-S., & Su, Y.-S. (2013). Adjust Survey Response Distributions Using Multiple Imputation: A Simulation with External Validation. Presented at the AAPOR 2013 Annual Conference, Boston, MA, USA.
 - Liu, F. C.-S. (2013). Party Identification, Social Networks, and News Media: What Agent-Based Simulation Tells Us about the Dynamics of State Identification and the Formation of Social Cleavage. Presented at the International Symposium on Grids and Clouds (ISGC) 2013 Annual Conference, Academic Sinica, Taipei, Taiwan.
 - Liu, F. C.-S. (2012). The decline of the politically informed electorate and the survival of political disagreement within communication networks. Presented at the 4th World Congress on Social Simulation, National Cheng-Chi University.
 - Liu, F. C.-S., & Chuang, W.-C. (2012). Applying Multile Imputation to Item-Nonresponse Problems in Decriptive Statistice (項目無反應資料的多重插補分析) . Presented at the The Maturing of Taiwan Democracy: Findings and Insights from the 2012 TEDS Survey (『台灣選舉與民主化調查』2012年國際學術研討會：成熟中的台灣民主：TEDS2012調查資料的分析), National Taiwan University, Taipei, Taiwan.
 - Liu, F. C.-S. (2012a). The decline of the politically informed electorate and the survival of political disagreement within communication networks. Presented at the 4th World Congress on Social Simulation, National Cheng-Chi University, Taipei, Taiwan.
 - Liu, F. C.-S. (2012b). Reconstructing the distribution of voter choice using multiple imputation: A study of Taiwan's 2012 presidential election. Presented at the 2012 Survey Research Methodology Conference, Academic Sinica, Taipei, Taiwan.
 - Liu, F. C.-S., & Lee, F. L. F. (2012). How do you choose between Taiwan and China? An analysis of overlapping state identity and national identity. Presented at the Midwest Political Science Association Annual Meeting, Chicago, USA.

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- Liu, F. C.-S., & Lee, R. C. (2012). Artificial intelligence and the adjustment of survey sample bias: a preliminary application to telephone and web survey. Presented at the Midwest Political Science Association Annual Meeting, Chicago, USA.
 - Liu, F. C.-S., & Hung, Y.-T. (2012). Profiles and voting patterns of Taiwan “Intelligent Voters”: An observation using web-panel data. Presented at the International Workshop on E-Society Research, National Sun Yet-San University, Kaohsiung City, Taiwan.
 - Wang, Y.-D., Liaw, T.-M., Liu, F. C.-S., Lin, C.-Y., & Lin, S. C. (2012). Memory effect on the voter model as non-equilibrium statistical systems. Presented at the International Symposium on Grids & Clouds 2012, Academia Sinica, Taipei, Taiwan.
 - Liu, F. C.-S., Chiu, A. S.-Y., & Tan, A. C. (2011). The patterns of partisan defection in the 2011 Mayoral election. Presented at the 2011 International Conference on Taiwan’s Election and Democratization Study: Cities Mayoral Elections, Taipei, Taiwan.
 - “*News Media Environment, Selective Perception, and the Survival of Preference Diversity within Communication Networks*”. Paper presented at the JITP 2011 Conference “The Future of Computational Social Science” (May 16-17, 2011) at Washington University, Seattle, USA.
 - (with Simon Lin 林誠謙、Jing-ya You 尤靖雅、Yu-Ting Chen 陳佑定、Jing-Lung Sun 孫敬倫) “*From Internal Validation to Sensitivity Test: How Grid Computing Facilitates the Construction of an Agent-Based Simulation in Social Sciences*”. Paper presented at the International Symposium on Grids and Clouds in conjunction with the Open Grid Forum (March 21-25, 2011) at Academia Sinica in Taipei, Taiwan.
 - “*Govern with Right Information: Reconsider the Use of Value-Based Surveys*” (用民意善治：當前政策導向民意調查內容的反省與調整). Paper presented at NSYSU-Waseda Joint Workshop on Governance (Jan. 18, 2011), Waseda University, Japan.
 - (with 施慶麟, 劉子昱, 李承訓, 陳月卿) “*The Validity of Political Knowledge Measurements in Taiwan’s Survey Datasets*” (當前大型調查「政治知識」概念測量有效性的再評估). Paper presented at the 2010 Taiwan Political Science Association annual meeting (Dec. 4-5, 2010), Shu-Chow University, Taipei, Taiwan.
 - (with Shu-hua Chu 朱淑樺) “*Are You Sure that You Are an Independent Voter?*” (你確定你是「中間選民」嗎？從媒體使用的角度尋找有政黨傾向的「中間選民」). Paper presented at the 2010 Chinese Political Science Association annual meeting (Nov. 5-6, 2010), National Sun Yat-Sen University, Kaohsiung, Taiwan.
 - (with Li-Chun Chiang 蔣麗君 and Y. F. Tseng 曾雅芬) “*How Deliberation Occurs? Examining the Patterns of the Political Discussion in Kaohsiung Voters’ Daily Life before 2006 & 2010 Mayoral Elections.*” (自發的公民審議如何可能？台灣高雄地區民眾談論政治行為初探). Paper presented at the 2010 Chinese Political Science Association annual meeting (Nov. 5-6, 2010), National Sun Yat-Sen University, Kaohsiung, Taiwan.
 - “*Which Program Do you Think is the Fairest? Probing into Hidden Partisans’ Voter Preferences with Alternative Survey Questions*” Paper presented at the International Conference on Survey Research Methodology (August 25 - 26, 2010), Academia Sinica, Taiwan.
 - “*Identification Crisis or Preference Dynamics? The Nature of National Identification Problem in Taiwan.*” Paper presented at the 2010 Midwest Political Science Association Annual Conference (April 22-25, 2010), Chicago, IL.
 - “*Predicting vote shares with multiply imputation: An inspection of telephone survey data set TEDS2009LT.*” Paper presented the 2009 Japanese Political Science Association annual meeting (October 10-12, 2009), Nihon University, Tokyo, Japan.
 - “*Predicting vote shares with multiply imputed survey data: A case study of Taiwan’s 2008 presidential election.*” Paper presented the 9th Conference on Survey Methods and Application (September 11, 2009), Academia Sinica, Taipei, Taiwan.

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- “*Inspect the distribution of partisans with multiple imputation: A case study of TEDS2008P*” Paper presented at the 2009 Taiwan Electoral and Democratization Studies International Conference (May 23-24, 2009), National Cheng-Chi University, Taipei, Taiwan.
 - (with Laura Lucas) “*Perceiving Network Heterogeneity and Claiming Political Independence: An Inspection of Panel Data*” Paper presented at the 2009 Midwest Political Science Association Annual Conference (April 3 - 6, 2009), Chicago, IL.
 - “*Perceived Partisan Heterogeneity in Communication Networks and Partisan Defection in a National Election: Evidence from Taiwan*” Paper presented at the 2009 Midwest Political Science Association Annual Conference (April 3 - 6, 2009), Chicago, IL.
 - “*Could National Identification Take Shape through Deliberation? A Study of a Simulated Public Forum on Nation Name Choice.*” Paper presented in Taiwan Political Science Association Annual Conference (Nov. 22-23, 2008), National Chi-Nan University, Taiwan. (「國家認同可否審議？以青年為對象的焦點團體研究初步報告」，發表於台灣政治學會年會，國立暨南大學。)
 - “*Which Program Do you Think is the Fairest? Partisan Orientation and Selective Processes*” Paper presented at the 2008 American Political Science Association Annual Meeting (August 28 - 31, 2008), Boston, MA.
 - (with Laura Lucas) “*Network Heterogeneity and the Politically Independent*” Paper presented at the 65th Midwest Political Science Association Annual Conference (April 3 - 6, 2008), Chicago, IL.
 - “*Network Heterogeneity and Democratic Orientations: Evidence From Taiwan*” Paper presented at the 65th Midwest Political Science Association Annual Conference (April 3 - 6, 2008), Chicago, IL.
 - (with Kurt Munroe) “*Deliberative Polling: An Asian Perspective*” Paper presented at the 65th Midwest Political Science Association Annual Conference (April 3 - 6, 2008), Chicago, IL.
 - “*The Theoretical Constrains of Public Forums and Not-so-successful Practices in Taiwan.*” Paper presented in “Cross-Strait Conference on Social Changes in Taiwan over 20 Years” (March 3-5, 2008), Xia-Men University, China. (「公民會議理論上的限制與近年在台灣實行的瓶頸」，發表於「台灣社會思潮變遷20年學術研討會」，中國廈門大學。)
 - “*The News Media as a Cause of "Polarization"? An Assessment with Agent-Based Simulation*” Paper presented in International Conference on Polarized Politics in a Comparative Perspective—America, South Korea, and Taiwan (Jan. 26, 2008), Taipei, Taiwan.
 - “*The Methodological Base of Applying Agent-Based Modeling Approach to Political Science Research.*” Paper presented in Taiwan Political Science Association Annual Conference (Nov. 18-19, 2007), National Cheng-Chi University, Taiwan. (「代理人基模擬途徑的政治學方法論根基」，發表於台灣政治學會年會，國立政治大學。)
 - “*The Relationship between Network Heterogeneity and Changes in Voter Preferences: Comparing Taipei and Kaohsiung Voters in the 2006 Mayoral Elections*” Paper presented at the 2007 Taiwan Electoral and Democratization Studies International Conference (Oct. 20-21, 2007), Soochow University, Taipei, Taiwan.
 - “*How Possible Is It to Cultivate Deliberative Democracy in Our Daily Life? An Examination of the Gap between Theoretical Expectation and Empirical Reality.*” Paper presented in Chinese Political Science Association Annual Conference (Sep. 29-30, 2007), I-Shou University, Kaohsiung, Taiwan. (「審議的民主生活如何可能？選舉期間的政治談論行為與理論預期的差距」，發表於中國政治學會年會，義守大學。)
 - “*Simulating the Dynamics of Voter Preference: Contrasting Agent-Based Modeling Results with Empirical Data*” Paper presented at the 103rd American Political Science Association Annual Meeting (Aug 30-Sept 2, 2007), Chicago, IL.
 - “*Political Discussion and Its Consequences: A Study of Taiwanese Voters in the 2006 Mayoral Election*” Poster presented at the 103rd American Political Science Association Annual Meeting (Aug 30-Sept 2, 2007), Chicago, IL.

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- “An Observation of Kaohsiung Voters’ Selective Exposure Behavior during the 2006 Mayoral Election.” Paper presented in the Taiwan Foundation for Democracy’s Conference on the 20th Anniversary of Lifting Marshal Law (July 15, 2007), Taipei, Taiwan. (「2006年高雄市長選舉前夕選民選擇性接觸媒體行為分析」，發表於台灣民主基金會「解嚴二十週年與台灣民主」學術研討會，台灣大學校友會館。)
 - “Constrained opinion leader influence in an electoral campaign season: Revisiting the two-step flow theory with multi-agent simulation” (accepted by *Advances in Complex Systems*). Paper presented at the 57th Annual International Communication Association Conference (May 24-28, 2007), San Francisco, CA.
 - “Frequent Political Discussion and Its Consequences” Paper presented at the 65th Midwest Political Science Association Annual Meeting (April 12 - 15, 2007), Chicago, IL.
 - (with Paul Johnson) “Media Use and the Survival of Political Disagreement: A Simulation” Paper presented at the 65th Midwest Political Science Association Annual Meeting (April 12 - 15, 2007), Chicago, IL.
 - “The Dynamics of Voter Preferences in a Polarized Media Environment during an Electoral Campaign.” paper presented at the 2006 Taiwanese Political Science Association Annual Conference (Nov. 25-26, 2006). National Taipei University, Taipei, Taiwan. (「大選期間兩極化媒體下選民投票意向型態的變遷」，台灣政治學會年會，國立台北大學。)
 - “The Decline of the Politically Informed Electorate and the Survival of Political Disagreement: Exploring Media and Communication Network Effects with an Agent-Based Computer Simulation” Paper presented at the 64th Midwest Political Science Association Annual Conference (April 19 - 22, 2006), Chicago, IL.

Granted Projects

- Taiwanese Voters’ Perception and Attitudes about Cross-Straight Relationship: Exploring Generation and Geographical Gaps Using Mixed-Mode Surveys (臺灣民眾的兩岸關係認知：以多種模式調查法探索世代差異與南北差距 MOST 104-2410-H-110 -014 -MY2 二年期 2015-2017)
- Open Survey Data in E-Society: A Web-Survey System that Incorporates Telephone Surveys (網路社會E-society：電話調查與網路調查資料整合資料庫建置計畫子計畫 教育部頂尖大學計畫 四年期 2011-2015)
- Partisan Orientations of Invisible Voters (隱藏黨派傾向選民之真實意向：調查與預測 NSC 101-2410-H-110-041-SS3 三年期 2012-2015)
- Is It Your Identification or Preference? An Exploration for a Theory of the Volatility of National Identification (是認同還是偏好？國家認同浮動性的理論建構與模擬研究) (NSC 98-2410-H-110-011-MY3 三年期 2009-2012)
- How do polarized news media influence “the Independent”? (極化媒體對中間選民偏好的影響) (NSC 97-2410-H-110-018- 2008-2009)
- The consequence of the decline of politically interested voters (選民冷漠對政治討論社群異質性的影響) (NSC 96-2414-H-110-005- 2007-2008)
- An Agent-Based Model for the Dynamics of Voter Preferences: Contrasting Simulation Results with Empirical Data Analysis (投票意向形成與變遷的代理人基模型：模擬與實證資料的比對分析) (NSC 96-2414-H-110-001-2007-2008)

Teaching

Courses Taught (graduate level)

- Management of Political Resources and Public Goods (政治資源的經營與管理)
- Political Methodology (政治學方法論)

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- Basic Issues in Political Science (政治學的基本問題)
 - Quantitative Data Analysis in Political Science (政治學量化資料分析)
 - Research Methods in Political Science (政治學研究方法)
 - Public Opinion and Voting Behavior (民意與選舉行為研究)
 - Simulation Methods in Social Sciences (社會科學模擬研究方法)
 - Comparative Political Theories (比較政治理論)
 - Local Media and Political Marketing (地方媒體與政治行銷)
 - Political Communication (政治傳播)

Services

Academic

- Referee:
 - *International Journal of Political Science*, 2012-
 - *International Studies Perspectives*, 2011-
 - *Chinese Journal of Communication*, 2011-
 - *International Journal of Sociology and Anthropology (IJSA)*, 2011-
 - *Issues & Studies*, 2008-
 - *Taiwan Political Science Review* (台灣政治學刊), 2008-
 - *Soochow Journal of Political Science* (東吳政治學報), 2008-
 - *Journal of Information Technology & Politics*, 2007-
 - 問題與研究, 2007-
 - *Electoral Studies* (選舉研究), 2007-
 - *Political Psychology*, 2005-
- Services for International Conferences:
 - Discussant:
 - * Panel “Comparative Politics: Political Behavior,” 66th Midwest Political Science Association annual meeting, Chicago, IL, USA, April 2-5, 2009.

Professional

- (with Cheng-shun Lee) Translating R-Commander into Chinese. (2011)
- Adviser, “Freeware Service of NSYSU Office of Library and Information Services,”(<http://140.117.120.59:88/moodleservice/>), 2008-
- Executive Committee, Taiwan Election and Democracy Studies (TEDS) Survey Projects:
 - 2010-2011 (Mayoral Elections, TEDS2010C)
 - 2009 (County Magistrate/City Mayoral Elections, TEDS2009M)
 - 2007-2008 (Presidential Election, TEDS2008)
 - 2006-2007 (Kaohsiung & Taipei Mayoral Elections, TEDS2006)

University

- Director (Sept. 2011-Aug. 2013)
 - Survey Center, National Sun Yat-Sen University (NYSYU)
- Division Head (Feb. 2009-Aug. 2010)
 - Division of Overseas Compatriot and International Student Affairs, Office of International Affairs, National Sun Yat-Sen University (NYSYU)

Invited Talks

- (In Chinese) R Taiwan2016, 「使用R套件探索問卷調查資料的意義」, Taipei, Dec. 23, 2016.
- (In Chinese) 中研院調研中心演講 「從探索的角度發掘以問卷調查資料進行意義探勘的潛力」, Dec. 19, 2016.
- (In Chinese) 中山大學圖資處科普演講 「民意調查怎麼信：手把手帶你看懂新聞報導中的數字陷阱」, Dec. 9, 2016.
- “The limit of using “unification and independence” as instrument to understand Taiwan politics”, presented at the International Workshop on “Election Polling and Democratic Consolidation in Taiwan and Korea,” UC Berkeley, Dec. 1, 2016.
- (In Chinese) “What Open Data Can and Cannot Do?” (Open Data的能與不能：一個政治學者眼中的量化資料與第一手資源), Office of Library and Information Services, NSYSU, March 26, 2015.
- (In Chinese) “Workshop on Introductory Statistics Using R”(R統計軟體初階課程), College of Social Science, NSYSU, Aug 16-17, 2012.(教育部補助國立臺北商業技術學院建立特色典範計畫)
- (In Chinese) “Understanding Public Opinion Polls”, National Academy of Civil Service, Aug. 13, 2012.
- (In Chinese) “Workshop on Introductory Statistics Using R”(R統計軟體初階課程), College of Social Science, NSYSU, Sep. 7-9, 2011. (教育部補助國立臺北商業技術學院建立特色典範計畫)
- (In Chinese) “R-Lab: Data Analysis with R”, Institute of Political Science, Academia Sinica, Aug. 2-3, 2011.
- “National Identification Issues and Voting Behavior in Taiwan”, invited by the instructor of “Taiwan Politics,” Institute of Political Science, NSYSU, Nov.3, 2010.
- “Using Survey Data to Explore Dual Identity in Taiwan”, invited by the Department of International Affairs, Wenzao Ursuline College of Languages (文藻外語學院), May 20, 2010.
- “Political Parties and the Democratization of Taiwan,” invited by Asia Tour of Georgia Institute of Technology, National Sun Yat-Sen University, May 29, 2009.
- (In Chinese) “How to Design Survey Research?” (淺談問卷研究設計) Kaohsiung Municipal Girls’ Senior High School, Kaohsiung, Nov. 12, 2008.
- “Political Parties and the Democratization of Taiwan,” invited by Asia Tour of Georgia Institute of Technology, National Sun Yat-Sen University, June 3, 2008.
- (In Chinese) “From Physics, Computer Science to Social Sciences: How to Apply Agent-Based Modeling in Communication Studies,” (從物理學、電腦科學到社會科學：如何將代理人基模擬研究方法運用到傳播學研究) invited by Institute of Communications Management, National Sun Yat-Sen University, Kaohsiung, Oct. 27, 2007.
- “Media Use in the 2006 Kaohsiung Mayoral Election,” invited by College of Social Science, National Sun Yat-Sen University, Kaohsiung, June 16, 2007.

Honors and Awards

- Visiting Scholarship - University of California Berkeley, USA (教育部－美國加州柏克萊大學訪問學者) (2013-2014)
- The Frontiers of Science (FoS) representative (台法前鋒科學論壇台灣社會科學學門代表) (2011)
- College Research Fellowship (中山大學社科院年輕學者獎) (2011)
- Fellowship-Visiting Research Fellow, National Taiwan University (台灣大學社會科學高等研究院訪問學者) (Summer, 2009)
- College Teaching Award (中山大學社會科學院優良教學獎) (2009)
- University Mentor Award (中山大學全校優良導師獎) (2008)
- College Mentor Award (中山大學社會科學院全院優良導師獎) (2008)

Professional Affiliations

- Western Political Science Association (WPSA)
- Midwestern Political Science Association (MPSA)
- American Association for Public Opinion Research (AAPOR)
- American Political Science Association (APSA)
- Taiwan Political Science Association (TPSA)
- Chinese Political Science Association (CPSA)
- International Communication Association (ICA, -2010)