

# Joshua Uyheng, Ph.D.

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## Education

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2024	<b>Ph.D. Societal Computing</b> Thesis: Narratives and Networks of Online Hate Carnegie Mellon University
2020	<b>M.S. Societal Computing</b> Carnegie Mellon University
2016/2017	<b>B.S. Psychology &amp; B.S. Mathematics</b> , <i>summa cum laude</i> Ateneo de Manila University

## Publications

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Under review	<b>Uyheng, J.</b> , Dela Paz, E. S., & Montiel, C. J. (under review). Collective remembering against structural forgetting: Social representations of martial law victims in a volatile democracy. <i>Journal of Applied Memory Research and Cognition</i> . <b>Uyheng, J.</b> , Montiel, C. J., Aguda, F. A., & Leyretana, K. (under review). Collective memory in a shifting democracy: Representational dynamics of dictatorship and democratic transition in the Philippines. <i>European Journal of Social Psychology</i> . Bulilan, E. J., Montiel, C. J., & <b>Uyheng, J.</b> (under review). Politicized trust in Covid-19 vaccines: Multilayered constructions of Pfizer and Sinovac in the Philippines. <i>Journal of Social and Political Psychology</i> . Montiel, C. J., Soler, M. K. B., Bigsang, R. T., <b>Uyheng, J.</b> , & Aguja, M. J. (under review). Intergroup political theater: Transforming social representations among peace leaders in contested territories. <i>Political Psychology</i> . Montiel, C. J., & <b>Uyheng, J.</b> (under review). How superpowers and peripheral nations construct international relations in a global crisis. <i>British Journal of Social Psychology</i> .
2024	<b>Uyheng, J.</b> , & Montiel, C. J. (in press). Digital interfaces of repression and resistance. In J. Vollhardt & F. Bou Zeineddine (Eds.), <i>Resistance to repression and violence: Global psychological perspectives</i> . Oxford University Press. Montiel, C. J., Delos Santos, J. J. I., & <b>Uyheng, J.</b> (in press). Gendering democratic resistance to authoritarianism: Leni Robredo's presidential campaign. In J. Vollhardt & F. Bou Zeineddine (Eds.), <i>Resistance to repression and violence: Global psychological perspectives</i> . Oxford University Press.
2023	<b>Uyheng, J.</b> , Robertson, D. F., & Carley, K. M. (2023). Online and offline dynamics of the face mask infodemic. <i>BMC Digital Health</i> , 1(27), 1-10. <a href="https://doi.org/10.1186/s44247-023-00026-z">https://doi.org/10.1186/s44247-023-00026-z</a> <b>Uyheng, J.</b> , & Carley, K. M. (2023). Online hate in the Philippines: The role of narratives and networks. <i>International Review of Law, Computers &amp; Technology</i> . Advance online publication. <a href="https://doi.org/10.1080/13600869.2023.2295104">https://doi.org/10.1080/13600869.2023.2295104</a> <b>Uyheng, J.</b> , & Montiel, C. J. (2023). Economic bifurcations in pandemic leaderships: Power in abundance or agency amid scarcity? <i>British Journal of Social Psychology</i> , 62(3), 1534-1546. <a href="https://doi.org/10.1111/bjso.12646">https://doi.org/10.1111/bjso.12646</a> Jacobs, C. S., <b>Uyheng, J.</b> , & Carley, K. M. (in press). How China uses social media in Grey Zone operations toward Taiwan. <i>Journal of Information Warfare</i> , 22(4), 72-92. Montiel, C. J., Dela Paz, E., <b>Uyheng, J.</b> , & Bulilan, E. J. (2023). Narrative incongruence in pandemic local governance: Mayors perform responsibility as communities demand responsiveness. <i>Journal of Community and Applied Social Psychology</i> , 33(6), 1506-1520. <a href="https://doi.org/10.1002/casp.2743">https://doi.org/10.1002/casp.2743</a> Phillips, S. C., <b>Uyheng, J.</b> , & Carley, K. M. (in press). A high-dimensional approach to measuring online polarization. <i>Journal of Computational Social Science</i> , 6, 1147-1178. <a href="https://doi.org/10.1007/s42001-023-00227-6">https://doi.org/10.1007/s42001-023-00227-6</a>

- Phillips, S. C., **Uyheng, J.**, Jacobs, S. C., & Carley, K. M. (2023). Chirping democracy: Analyzing Chinese state social-cyber maneuvers on Twitter. In R. Thomson, S. Al-khateeb, A. burger, P. Park, & A. A. Pyke (Eds.), *Proceedings of the 16th International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation* (pp. 95-104). Cham: Springer Nature Switzerland.
- 2022 **Uyheng, J.**, Bellutta, D., & Carley, K. M. (2022). Bots amplify and redirect hate speech in online discourse about racism during the COVID-19 pandemic. *Social Media + Society*, 8(3), 1-14. <https://doi.org/10.1177/20563051221104749>
- Uyheng, J.**, Moffitt, J. D., & Carley, K. M. (2022). The language and targets of online trolling: A psycholinguistic approach for social cybersecurity. *Information Processing & Management*, 59(5), 103012. <https://doi.org/10.1016/j.ipm.2022.103012>
- Uyheng, J.**, Cruickshank, I. J., & Carley, K. M. (2022). Mapping state-sponsored information operations with multi-view modularity clustering. *EPJ Data Science*, 11(25). <https://doi.org/10.1140/epjds/s13688-022-00338-6>
- Bellutta, D., **Uyheng, J.**, & Carley, K. M. (2022). The missing link between user engagement and misinformation's impact on online behavior. In R. Thomson, C. Dancy, & A. Pyke (Eds.), *Proceedings of the 15th International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation* (pp. 79-89). Springer.
- de Lara-Tuprio, E. P., Estadilla, C. D. S., Macalalag, J. M. R., Teng, T. R., **Uyheng, J.**, Espina, K. E., Pulmano, C. E., Estuar, M. R. J. E., & Sarmiento, R. F. R. (2022). Policy-driven mathematical modelling for COVID-19 pandemic response in the Philippines. *Epidemics*, 40, 100599. <https://doi.org/10.1016/j.epidem.2022.100599>
- Montiel, C. J., & **Uyheng, J.** (2022). Foundations for a decolonial big data psychology. *Journal of Social Issues*, 78(2), 278-297. <https://doi.org/10.1111/josi.12439>
- Montiel, C. J., **Uyheng, J.**, & de Leon, N. (2022). Presidential profanity in Duterte's Philippines: How swearing discursively constructs a populist regime. *Journal of Language and Social Psychology*, 41(4), 428-449. <https://doi.org/10.1177/0261927X211065780>
- Phillips, S. C., **Uyheng, J.**, & Carley, K. M. (2022). Competing state and grassroots opposition influence in the 2021 Hong Kong election. In R. Thomson, C. Dancy, & A. Pyke (Eds.), *Proceedings of the 15th International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation* (pp. 111-120). Springer.
- 2021 **Uyheng, J.** (2021). Ordinariness in disaster: Notes from rereading Story during the Covid-19 pandemic. *Perspectives in the Arts and Humanities Asia*, 10(20), 183-207. <https://doi.org/10.13185/PAHA2020.10205>
- Uyheng, J.** (2021). Power-differentiated emotions of populist support: Regional anger and classed fear in Duterte's Philippines. *Peace and Conflict: Journal of Peace Psychology*, 27(4), 689-693. <https://doi.org/10.1037/pac0000503>
- Uyheng, J.**, & Carley, K. M. (2021). An identity-based framework for generalizable hate speech detection. In R. Thomson, M. N. Hussain, C. Dancy, & A. Pyke (Eds.), *Proceedings of the 14th International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation* (pp. 121-130). Cham, Switzerland: Springer International.
- Uyheng, J.**, & Carley, K. M. (2021). Characterizing network dynamics of online hate speech during the COVID-19 pandemic. *Applied Network Science*, 6(20). <https://doi.org/10.1007/s41109-021-00362-x>
- Uyheng, J.**, & Carley, K. M. (2021). Computational analysis of bot activity in the Asia-Pacific: Comparative analysis of four national elections. In *Proceedings of the 15th International Conference on Web and Social Media* (pp. 727-738). Menlo Park, CA: AAAI.
- Uyheng, J.**, & Montiel, C. J. (2021). Populist polarization in postcolonial Philippines: Sociolinguistic rifts in online drug war discourse. *European Journal of Social Psychology*, 51(1), 84-99. <https://doi.org/10.1002/ejsp.2716>
- Uyheng, J.**, Ng, L. H. X., & Carley, K. M. (2021). Active, aggressive, but to little avail: Characterizing bot activity during the 2020 Singaporean elections. *Computational and Mathematical Organization Theory*, 27, 324-342. <https://doi.org/10.1007/s10588-021-09332-1>
- Uyheng, J.**, Tyagi, A., & Carley, K. M. (2021). Mainstream consensus and the expansive fringe: Characterizing the polarized information ecosystems of online climate change discourse. In *Proceedings of the 13th ACM Web Science Conference* (pp. 196-204). United Kingdom.

- de Lara-Tuprio, E. P., Estadilla, C. D. S., Teng, T. R. Y., **Uyheng, J.**, Estuar, M. R. J. E., Espina, K. E., Macalalag, J. M. R., & Sarmiento, R. F. R. (2021). Mathematical analysis of a COVID-19 compartmental model with interventions. *AIP Conference Proceedings*, 2423, 020025. <https://doi.org/10.1063/5.0075333>
- Estadilla, C. D., **Uyheng, J.**, De Lara-Tuprio, E. P., Teng, T. R., Macalalag, J. M. R., & Estuar, M. R. J. E. (2021). Impact of vaccine supplies and delays on optimal control of the COVID-19 pandemic: Mapping interventions for the Philippines. *Infectious Diseases of Poverty*, 10(107). <https://doi.org/10.1186/s40249-021-00886-5>
- Montiel, C. J., **Uyheng, J.**, & Dela Paz, E. (2021). The language of pandemic leaderships: Mapping political rhetoric during the COVID-19 outbreak. *Political Psychology*, 42(5), 747-766. <https://doi.org/10.1111/pops.12753>
- Paris, J. G., & **Uyheng, J.** (2021). Contentious practices of postfeminist audiencing: Online discourse about cinematic feminisms in *Birds of Prey*. *Feminist Media Studies*. <https://doi.org/10.1080/14680777.2021.2009899>
- Tyagi, A., **Uyheng, J.**, & Carley, K. M. (2021). Heated conversations in a warming world: Affective polarization in online climate change discourse follows real-world climate anomalies. *Social Network Analysis & Mining*, 11(87). <https://doi.org/10.1007/s13278-021-00792-6>
- 2020
- Uyheng, J.**, & Carley, K. M. (2020). Bot impacts on public sentiment and community structures: Comparative analysis of three elections in the Asia-Pacific. In R. Thomson, H. Bisgin, C. Dancy, & A. Hyder (Eds.), *Proceedings of the 13th International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation* (pp. 12-22). Cham, Switzerland: Springer International.
- Uyheng, J.**, & Carley, K. M. (2020). Bots and online hate during the COVID-19 pandemic: Case studies in the United States and the Philippines. *Journal of Computational Social Science*, 3(2), 445-468. <https://doi.org/10.1007/s42001-020-00087-4>
- Uyheng, J.**, Magelinski, T., Villa-Cox, R., Sowa, C., & Carley, K. M. (2020). Interoperable pipelines for social cyber-security: Analyzing Twitter information operations during the 2018 NATO Trident Juncture Exercise. *Computational and Mathematical Organization Theory*, 26, 465-483. <https://doi.org/10.1007/s10588-019-09298-1>
- Uyheng, J.**, & Montiel, C. J. (2020). Cognitive polyphasia in a Global South populist democracy: Mapping social representations of Duterte's regime in the Philippines. *Journal of Social and Political Psychology*, 8(1), 30-52. <https://doi.org/10.5964/jspp.v8i1.1119>
- Uyheng, J.**, Nicdao, J. V., Carmona, C. L., & Canoy, N. (2020). Intersectional discourses of reproductive agency in the Philippines: A mixed methods analysis of classed constructions of pregnancy resolution. *Feminism & Psychology*, 30(4), 445-468. <https://doi.org/10.1177/0959353520915829>
- Uyheng, J.**, Pulmano, C. E., & Estuar, M. R. J. (2020). Deploying system dynamics models for disease surveillance in the Philippines. In R. Thomson, H. Bisgin, C. Dancy, & A. Hyder (Eds.), *Proceedings of the 13th International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation* (pp. 35-44). Cham, Switzerland: Springer International.
- Uyheng, J.**, Roxas, G. K. T., & Herras, M. M. (2020). Veiled apologetics and insurgent nostalgia: Sociogenesis of contested memories of the Marcos dictatorship. *Asian Journal of Social Psychology*, 24(3), 336-348. <https://doi.org/10.1111/ajsp.12429>
- Estuar, M. R. J. E., **Uyheng, J.**, De Leon, M., Benito, D. J., De Lara-Tuprio, E., Estadilla, C., & Teng, T. (2020). Science and public service during a pandemic: Reflections from the scientists of the Philippine government's Covid-19 surveillance platform. *Philippine Studies: Historical and Ethnographic Viewpoints*, 68(3-4), 493-504. <https://doi.org/10.1353/phs.2020.0031>
- Montiel, C. J., & **Uyheng, J.** (2020). Mapping contentious collective emotions in a populist democracy: Duterte's push for Philippine federalism. *Political Psychology*, 41(4), 737-754. <https://doi.org/10.1111/pops.12648>
- Tyagi, A., **Uyheng, J.**, & Carley, K. M. (2020). Affective polarization in online climate change discourse on Twitter. In *Proceedings of the 2020 IEEE/ACM International Conference on Advances in Social Network Analysis and Mining* (pp. 443-447).
- 2019
- Uyheng, J.**, & Carley, K. M. (2019). Characterizing bot networks on Twitter: An empirical analysis of contentious issues in the Asia-Pacific. In R. Thomson, H. Bisgin, C. Dancy, & A. Hyder (Eds.), *Proceedings of the 12th International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation* (pp. 153-162). Cham, Switzerland: Springer International.

- Montiel, C. J., Boller, A., **Uyheng, J.**, & Espina, E. (2019). Narrative congruence between populist President Duterte and the Filipino public: Shifting global alliances from the United States to China. *Journal of Community and Applied Social Psychology*, 29, 520-534. <https://doi.org/10.1002/casp.2411>
- 2018 **Uyheng, J.**, Rosales, J. C., Espina, K., & Estuar, M. R. J. (2018). Estimating parameters of a dynamical dengue model using genetic algorithms. In H. Aguirre (Ed.), *Proceedings of the Genetic and Evolutionary Computation Conference Companion* (pp. 310-311). New York, NY: Association of Computing Machinery.
- Kreutzer, J., **Uyheng, J.**, & Riezler, S. (2018). Reliability and learnability of human bandit feedback for sequence-to-sequence reinforcement learning. In I. Gurevych & Y. Miyao (Eds.), *Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics* (Volume 1: Long Papers) (pp. 1777-1788). Stroudsburg, PA: Association for Computational Linguistics.

## Non-Archival Conference Presentations

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- 2023 **Uyheng, J.** (2023). Multi-level networks of online hate. *SBP-BRIMS Graduate Consortium*. Pittsburgh, PA.
- Uyheng, J.** (2023). Structural determinants of online hate networks. *Sunbelt*. Portland, OR.
- Aguda, F., Leyretana, K., Montiel, C. J., & **Uyheng, J.** (2023). Contested memories of dictatorship and democratization in the Philippines. *Psychological Association of the Philippines Annual Convention*. Legazpi City, Philippines.
- Dela Paz, E., Montiel, C. J., & **Uyheng, J.** (2023). Representations of martial law victims in an evolving Philippine democracy. *Psychological Association of the Philippines Annual Convention*. Legazpi City, Philippines.
- Delos Santos, J. J. I., Montiel, C. J., & **Uyheng, J.** (2023). Gendering democratic resistance to authoritarianism: Leni Robredo's presidential campaign. *Psychological Association of the Philippines Annual Convention*. Legazpi City, Philippines.
- Montiel, C. J., **Uyheng, J.**, Aguda, F. A., & Leyretana, K. (2023). Contested memories in a divided democracy: Representational dynamics of martial law in the Philippines. *18th Symposium on the Contributions of Psychology to Peace*. Pécs, Hungary.
- 2022 **Uyheng, J.** (2022). Multi-level analysis of online harm networks. *SBP-BRIMS Tutorial*. Pittsburgh, PA.
- Bulilan, E. J., Montiel, C. J., & **Uyheng, J.** (2022). The preferred vaccine: Multilayered discursive constructions of Pfizer and Sinovac Covid-19 vaccines in the Philippines. *International Society of Political Psychology Annual Meeting*. Athens, Greece.
- Montiel, C. J., Dela Paz, E. S., & **Uyheng, J.** (2022). From helpless victims to empowered agents: Representing martial law victims across evolving democratic conditions in the Philippines. *17th Symposium on the Contributions of Psychology to Peace*. International Network for Peace Psychology. Virtual conference.
- Montiel, C. J., & **Uyheng, J.** (2022). Computational storylines: Examining macro political language. *International Society of Political Psychology Annual Meeting*. Athens, Greece.
- 2021 **Uyheng, J.** (2021). Network dynamics of online hate. *IdeaS Conference on Social-Cybersecurity in Times of Crisis and Change*. Virtual conference.
- Uyheng, J.**, & Carley, K. M. (2021). Distinguishing disruptive trolls from automated bots. *IdeaS Conference on Social-Cybersecurity in Times of Crisis and Change*. Virtual conference.
- Uyheng, J.**, & Carley, K. M. (2021). Network dynamics of online hate communities. *Eradicate Hate Global Summit*. Pittsburgh, PA, USA.
- Uyheng, J.**, & Montiel, C. J. (2021). Rethinking big data in political psychology: Outlining a decolonial ontology, epistemology, ethics, and reflexivity. *International Society of Political Psychology Annual Meeting*. Virtual conference.
- Uyheng, J.**, Montiel, C. J., & Dela Paz, E. (2021). The language of pandemic leaderships. *International Society of Political Psychology Annual Meeting*. Virtual conference.
- Pruyton, K. & **Uyheng, J.** (2021). Engaging lived experiences of peace: Peace journalism as reflective practice. *APA Annual Convention*. Virtual conference.

- 2020
- Uyheng, J.**, Bellutta, D., & Carley, K. M. (2020). From xenophobia to political confrontation: Shifting online discussions of racism during the COVID-19 pandemic. *IDEaS Conference on Social-Cybersecurity in Times of Crisis and Change*. Virtual conference.
- Uyheng, J.**, Cruickshank, I., & Carley, K. M. (2020). Unsupervised characterization of state-sponsored Twitter information operations with multi-view clustering. *IDEaS Conference on Social-Cybersecurity in Times of Crisis and Change*. Virtual conference.
- Uyheng, J.**, Ng, L. H. X., & Carley, K. M. (2020). Bot activity in the 2020 Singaporean elections: A social cybersecurity analysis. *SBP-BRIMS Disinformation Challenge*. Virtual conference.
- Uyheng, J.**, Ng, L. H. X., & Carley, K. M. (2020). Visualizing vitriol: Hate speech and image sharing in the 2020 Singaporean Elections. *IDEaS Conference on Social-Cybersecurity in Times of Crisis and Change*.
- Uyheng, J.**, & Montiel, C. J. (2020). Harnessing social computing to unpack polarization and entrenched group conflict in unequal democracies [Session canceled]. *Annual Scientific Meeting of the International Society of Political Psychology (ISPP)*. Berlin, Germany.
- Uyheng, J.** (2020). Low-power groups and populist emotions: Unequal anger and fear in Duterte's Philippines. *Psychology & Peace Conference*. San Antonio, TX, USA. (Conference canceled)
- Uyheng, J.**, & Montiel, C. J. (2020). Stratified polarization: Classed and linguistic borders in constructing a drug war. *Psychology & Peace Conference*. San Antonio, TX, USA. (Conference canceled)
- Uyheng, J.**, Roxas, G. K. T., & Herras, M. M. (2020). Revisionist memories of the Marcos dictatorship: The role of neutrality in textbooks. *Psychology & Peace Conference*. San Antonio, TX, USA. (Conference canceled)
- Macalalag, J. M. R., de Lara-Tuprio, E., Estadilla, C. D. S., Teng, T. R., **Uyheng, J.**, Espina, K. E., Estuar, M. R. J. E., & Sarmiento, R. F. R. (2020). Mathematical analysis of a COVID-19 compartmental model with interventions. *International Conference on Mathematical Sciences and Technology*. Virtual conference.
- Prutton, K., & **Uyheng, J.** (2020). The ethics of psychology meet the ethics of peace journalism. *Psychology & Peace Conference*. San Antonio, TX, USA. (Conference canceled)
- 2019
- Uyheng, J.** (2019). Disinformation and big data: Reflections on methodology. *University of Massachusetts Workshop on Global Disinformation Architectures*. Amherst, MA, USA.
- Uyheng, J.**, & Carley, K. M. (2019). Dynamic network analysis of (dis)information communities on Twitter: Bots, trolls, and news agencies in the Philippine and Indonesian elections. *Columbia Workshop on Disinformation and Elections in East and Southeast Asia: Digital Futures and Fragile Democracies*. New York, NY, USA.
- Montiel, C. J., & **Uyheng, J.** (2019). Language and power differentials in postcolonial politics: Sociolinguistic polarization in populist Philippines. *European Association of Social Psychology Meeting on Intergroup Communication*. Bologna, Italy.
- Montiel, C. J., & **Uyheng, J.** (2019). Bifurcated political cultures in an Asian postcolony: Examining sociolinguistic polarization in populist Philippines. *Asian Association of Social Psychology Meeting on Culture and Psychology*. Taipei, Taiwan.
- Montiel, C. J., & **Uyheng, J.** (2019). Sociolinguistic polarization during Duterte's presidency: Language and power differentials in populist politics. *School of Social Sciences Research Conference*. Quezon City, Philippines.
- 2018
- Uyheng, J.**, Nicdao, J. V., & Canoy, N. A. (2018). An ecological approach to understanding young women's material agency in having an abortion in the Philippines. *International Conference of the Ateneo Center for Asian Studies*. Quezon City, Philippines.
- Uyheng, J.**, & Roxas, G. (2018). Social representations of history in textbook content on martial law in the Philippines. *International Conference on Teacher Education*. Quezon City, Philippines.
- Montiel, C. J., **Uyheng, J.**, Alingasa, A. P., & Robles, A. M. Q. (2018). Collective emotions toward Philippine federalism. *School of Social Sciences Research Conference*. Quezon City, Philippines.
- 2017
- Eden, R., & **Uyheng, J.** (2017). On the tail probability ratio and survival function of general distributions. *Mathematical Society of the Philippines Annual Convention*. Legazpi City, Philippines.

## Invited Talks

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- 2023
- Uyheng, J.** (2023). Social networks of online hate. *CSCI 292: Methods of Research in Computer Science, Ateneo de Manila University*. Quezon City, Philippines.
- Uyheng, J.** (2023). Social representations of martial law: Two pathways of historical revisionism? *Ateneo de Manila University*. Virtual.
- Uyheng, J.** (2023). The math of online conflicts. *Ateneo Mathematics Society Math Convention*. Virtual.
- 2022
- Uyheng, J.** (2022). Narrative and network dynamics of online hate. *South Big Data Hub Social Cybersecurity Working Group*. Virtual.
- Uyheng, J.** (2022). Doing good peer review. *Societal Computing Seminar, Carnegie Mellon University*. Virtual.
- Uyheng, J.** (2022). Primer for digital psychology: Problems and paradigms. *Culture and Psychology, Ateneo de Manila University*. Virtual.
- Uyheng, J.** (2022). Roundtable for Sikolohiyang Pilipino. *UP Buklod-Isip, University of the Philippines*. Virtual.
- Uyheng, J., & Carley, K. M.** (2022). Online hate in the Philippines: The role of narratives and networks. *Digital Violence: Regional and International Perspectives, Observatory on Online Violence Against Women*. Virtual.
- Uyheng, J., & Montiel, C. J.** (2022). Digital interfaces of state repression and social resistance in the Global South: A multilayered positioning framework. *The Psychology of Resistance in Violent and Repressive Contexts: Virtual Meeting Series*. Virtual.
- Montiel, C. J., & **Uyheng, J.** (2022). Foundations for a decolonial big data psychology. *SPSSI Webinar Series on Decolonial Perspectives on the Psychological Study of Social Issues*. Virtual conference.
- 2021
- Uyheng, J.** (2021). A computational social scientist's experience of research during the pandemic. *Big Data & Society Colloquium*. Virtual.
- Uyheng, J.** (2021). Characterizing hate speech in online social networks. *Assured Information Security Advanced Research Concepts Group*. Virtual.
- Uyheng, J.** (2021). Characterizing hate speech in online social networks. *NEC Labs*. Virtual.
- Uyheng, J.** (2021). Deliberating hybrid work. *Heights Ateneo*. Virtual.
- Uyheng, J.** (2021). Integrating computing and social theory. *CSCI 292: Methods of Research in Computer Science, Ateneo de Manila University*. Virtual.
- Uyheng, J.** (2021). On scientific writing. *CSCI 292: Methods of Research in Computer Science, Ateneo de Manila University*. Virtual.
- 2020
- Uyheng, J.** (2020). Big data text analytics for the social sciences. *School of Social Sciences, Ateneo de Manila University*. Virtual.
- Uyheng, J.** (2020). Big data text analytics for psychology. *Research Methods Special Interest Group, Psychological Association of the Philippines*. Virtual.
- Uyheng, J.** (2020). Localizing the FASSSTER model. *COVID-19 Monitoring Toolkit: Unlocking FASSSTER*. Virtual.
- Uyheng, J.** (2020). Math x disinformation: How math helps us understand online manipulation. *Ateneo Mathematics Society Math Convention*. Virtual.
- Uyheng, J.** (2020). Social psychology and big data. *PSYC 240: Advanced Social Psychology, Ateneo de Manila University*. Virtual.
- Uyheng, J., & Herras, M. M.** (2020). Two pathways of historical revisionism. *Martial Law Week, Ateneo de Manila University*. Virtual.
- 2019
- Montiel, C. J., & **Uyheng, J.** (2019). Senatorial postscript: Campaign talk, predicting winnability from Facebook likes, and other big data analyses. *Institute of Philippine Culture, Ateneo de Manila University*. Quezon City, Philippines.
- 2018
- Montiel, C. J., & **Uyheng, J.** (2018). Collective emotions about Philippine federalism: Media-based big data analysis. *Institute of Philippine Culture, Ateneo de Manila University*. Quezon City, Philippines.
- Uyheng, J.** (2018). Fundamentals of social computing. *Development Analytics Network*. Quezon City, Philippines.

## Honors and Awards

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2023	Misumi Award for Best Paper, Asian Association of Social Psychology ICWSM Best Reviewer Award Outstanding Scholarly Work with Most Social Impact, Ateneo de Manila University Ateneo de Manila University Publication Award SBP-BRIMS Graduate Student Scholarship
2022	ICWSM Best Reviewer Award Ateneo de Manila University Publication Award SBP-BRIMS Graduate Student Scholarship
2021	ICWSM Best Reviewer Award Knight Fellowship, Center for Informed Democracy and Social Cybersecurity SOSS Outstanding Scholarly Work Award, Ateneo de Manila University Ateneo de Manila University Publication Award SBP-BRIMS Graduate Student Scholarship 2nd Prize, Best Poster, Probabilistic Graphical Models, Carnegie Mellon University
2020	SBP-BRIMS Graduate Student Scholarship SBP-BRIMS Disinformation Challenge Runner-Up Ateneo Research Institute for Science and Engineering Publication Award Ateneo de Manila University Publication Award
2019	SBP-BRIMS Graduate Student Scholarship South Big Data Hub Conference Scholarship Ateneo de Manila University Publication Award
2018	NAPI Fellowship, Nara Institute of Science and Technology Faura Research Grant, Martial Law Museum, Ateneo de Manila University
2017	BPI-DOST Science Award Post-Bachelor Fellowship, Heidelberg Mathcomp, Heidelberg University Regional Finalist, Ten Outstanding Students of the Philippines 3rd Prize, Best Undergraduate Thesis, PAPJA Program Award, Department of Mathematics, Ateneo de Manila University Special Citation for Outstanding Research, Ateneo de Manila University Fellowship for Poetry, Ateneo Heights Writers Workshop
2016	St. Ignatius Award for Most Outstanding Scholar, Ateneo de Manila University Loyola Schools Award for the Arts (Poetry) Fellowship for Poetry, Ateneo National Writers Workshop
2012	Ateneo Freshman Merit Scholarship, Ateneo de Manila University Don Sergio Osmeña Sr. Academic Excellence Award Doña Modesta Gaisano Foundation Scholarship Award

## Teaching Experience

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2018-Present	<b>Carnegie Mellon University</b> Dynamic Network Analysis (Ph.D. Level), 1 semester CASOS Summer Institute, 4 semesters IDeaS Summer Institute, 3 semesters
2017-Present	<b>Ateneo de Manila University</b> Seminar in Critical Text Analytics, 1 semester Modern Mathematics, 2 semesters Applied Calculus for Life Sciences, 1 semester Summer Calculus Preparatory Course, 1 semester Independent Study: Text Mining for Social Psychology, 1 semester

## Academic Service

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Peer Review	<b>Journals (33):</b> American Sociological Review; Basic and Applied Social Psychology; Behaviour & Information Technology; Big Data & Society; BMC Public Health; British Journal of Social Psychology; Cogent Arts & Humanities; Computational and Mathematical Organization Theory; Computers and Security; Cross-Cultural Research; Culture, Health & Sexuality; EPJ Data Science; Expert Systems with Applications; IEEE Transactions on Computational Social Systems; IEEE Transactions on Knowledge Discovery in Data; Information Processing & Management; International Journal of Communication; International Journal of General Systems; Journal of Computational Social Science; Journal of Destination Marketing & Management; Journal of Epidemiology and Global Health; Journal of Medical Internet Research; Journal of Social and Political Psychology; Kritika Kultura; Memory & Cognition; Peace and Conflict: Journal of Peace Psychology; PLoS One; Political Psychology; Social Media + Society; Social Network Analysis and Mining; Soft Computing; Technology in Society; Translational Issues in Psychological Science  <b>Conferences:</b> ICWSM, SBP-BRIMS, IDEaS Conference, APA Annual Convention, SPSSI Conference, Psychology & Peace Conference
Editorship	Editorial Board, <i>Journal of Social and Political Psychology</i> , 2023-Present Editorial Board, <i>PLoS One</i> , 2023-Present Associate Editor, <i>The Peace Psychologist</i> , 2019-Present Assistant Editor, <i>Big Data &amp; Society</i> , 2021-2023
Committees	APA Division 48, Small Grants Committee, 2022, 2023 ICWSM Co-Chair for Tutorials, 2024 SBP-BRIMS Program Committee, 2021, 2022, 2023 IDEaS Educational Programs Committee, Carnegie Mellon University, 2021 Societal Computing Admissions Committee, Carnegie Mellon University, 2021

## Professional Organizations

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2018-Present	<b>American Psychological Association (APA)</b> Division 48, Society for the Study of Peace Conflict and Violence <b>International Society of Political Psychology (ISPP)</b>
2020-Present	<b>Association for Psychological Science (APS)</b> <b>International Network for Peace Psychology (INPP)</b> <b>Society for the Psychological Study of Social Issues (SPSSI)</b>
2023-Present	<b>Association for Computing Machinery (ACM)</b>