

navin kumar | நவீன்குமார்

Yale School of Medicine
New Haven CT 06510

navin.kumar@yale.edu
sites.google.com/view/navin-kumar

EMPLOYMENT

01/2022 – present	Yale School of Medicine Postdoctoral Associate
04/2022 – present	Centre on AI Technology for Humankind, National University of Singapore (NUS) Business School Visiting Fellow
12/2021 – present	NUS Yong Loo Lin School of Medicine Visiting Fellow

EDUCATION

PhD	Yale University, Sociology, 2021
MPhil	Yale University, Sociology, 2019
MA	Yale University, Sociology, 2017
MJus (Res)	Queensland University of Technology, Criminology, 2016
BBusComm (Hons)	Monash University, Marketing, First Class Honors, 2013
BFin	Australian National University, Finance, 2010

FELLOWSHIPS & AWARDS

External

2022	<i>Grant for Free Speech & Open Inquiry</i> , The Institute for Humane Studies (\$15,000)
2022	<i>Graduate Research Fellowship</i> , Singapore Social Science Research Council (\$7,348)
2021	<i>F. A. Hayek Program</i> , Mercatus Center (\$2,000)
2017 - 2021	<i>Humane Studies Fellowship</i> , The Institute for Humane Studies. (\$18,000)
2020	<i>Horowitz Foundation Award</i> , Horowitz Foundation for Social Policy (\$7,500)
2016 - 2020	<i>Hayek Fund for Scholars</i> , The Institute for Humane Studies. (\$2,550)
2019	<i>Research Award</i> , Adam R Rose Foundation (\$5,000)
2019	<i>Health Research Training Program</i> , NYC Department of Health
2018	<i>Dissertation Grant</i> , Charles Koch Foundation (\$2,500)
2017	<i>Methods School Grant</i> , International Political Science Association (\$360)

Internal

2021	<i>RITM Research and Conference Travel Award</i> , Yale University. (\$2,000)
2018 - 2021	<i>John Spaulding Scholarship</i> , Yale University
2021	<i>Fox International Fellowship</i> , Yale University (\$20,700)
2019	<i>Institution for Social and Policy Studies Research Award</i> , Yale University (\$4,100)
2019	<i>Camp Grant</i> , Sociology Department, Yale University (\$500)
2019	<i>Social and Policy Studies Graduate Policy Fellows Program</i> , Yale University (\$3,000)

FUNDING

Extramural

Current

Biomedical Research Council, Singapore, H22P0M0009 (\$451,901)	04/01/22–03/31/25
Fathers' Roles in Early Child Health Role: Collaborator (PI: Huang)	

Foundation for a Smoke-Free World, FSFW P-0071 (\$171,163) 08/15/21-02/14/23
 Ways to Correct Misconceptions in Science
 Role: Co-I (PI: Polonsky)

Foundation for a Smoke-Free World, FSFW P-0054 (\$136,571) 08/15/21-12/31/22
 Online Discourses around COVID-19 and Tobacco use
 Role: Co-I (PI: Polonsky)

Previous

Foundation for a Smoke-Free World, FSFW P-0014 (\$119,940) 08/01/19-11/30/20
 Tobacco Cessation in the Global South
 Role: PI

Internal

Previous

Yale MacMillan Center, Fund for Lesbian and Gay Studies (\$48,500) 06/01/21-06/30/23
 Online Perceptions of Refugees
 Role: Co-PI (Co-PI: Khoshnood)

Yale MacMillan Center, Fund for Lesbian and Gay Studies (\$42,521) 04/19/17-11/11/23
 Healthcare Disparities among Sexual Minorities
 Role: PI

Yale Institute for Global Health, Yale MacMillan Center (\$8,000) 10/15/20-03/15/21
 COVID-19 and Vaccine Hesitancy
 Role: Co-PI (Co-PI: Khoshnood)

PUBLICATIONS

Bold indicates corresponding or senior author

Refereed Conference Proceedings

- C1 Babaeianjelodar, M., Prudhv, G.P., Lorenz, S., Chen, K., Mondal, S., Dey, S. and **Kumar, N.**
 Explainable, Interpretable and High-Performance Hate and Offensive Speech Detection.
 HCII2022: 24th International Conference on Human-Computer Interaction.

Refereed Journal Articles

- J1 Sung A, Zhang TP, Huang W, Tang W, Alexander M, Forastiere L, Kumar N, Hall BJ, Ransome Y, Dieckhaus KD, Wu D, Tucker JD, Yang F. Development of a Psychometric Tool to Measure Community Solidarity among Sexual Minorities: Evidence from a Pay-It-Forward Randomized Controlled Trial. *Sexually Transmitted Diseases*. Published online 2022. doi:10.1097/OLQ.0000000000001659
- J2 Oles W, Alexander M, Kumar N, et al. Characterizing the Social Support and Functioning of a Low-Threshold Medication for Opioid Use Disorder Treatment Cohort at Intake. *BMC Psychiatry*. 2022;22(1):236. doi:10.1186/s12888-022-03884-5
- J3 **Kumar N**, Walter N, Nyhan K, et al. Interventions to Mitigate COVID-19 Misinformation: Protocol for a Scoping Review. *Systematic Reviews*. 2022;11(1):107. doi:10.1186/s13643-022-01917-4
- J4 Janmohamed K, Nakamura-Sakai S, Soale AN, Forastiere L, Altice FL, **Kumar N**. News Events and their Relationship with US Vape Sales: An Interrupted Time Series Analysis. *BMC Public Health*. 2022;22(1):479. doi:10.1186/s12889-022-12858-x

- J5 **Kumar N**, Corpus I, Hans M, et al. COVID-19 Vaccine Perceptions in the Initial Phases of US Vaccine Roll-out: An Observational Study on Reddit. *BMC Public Health*. 2022;22(1):446. doi:10.1186/s12889-022-12824-7
- J6 Janmohamed K, Walter N, Sangngam N, Hampsher S, Nyhan K, De Choudhury M, **Kumar N**. Interventions to Mitigate Vaping Misinformation: A Meta-Analysis. *J Health Commun*. 2022;0(0):1-9. doi:10.1080/10810730.2022.2044941
- J7 Erausquin JT, Tan RKJ, Uhlich M, Francis JM, Kumar N, Campbell L, Zhang WH, Hlatshwako TG, Kosana P, Shah S, Brenner EM, Remmerie L, Mussa A, Klapilova K, Mark K, Perotta G, Gabster A, Wouters E, Burns S, Hendriks J, Hensel DJ, Shamu S, Strizzi JM, Esho T, Morroni C, Eleuteri S, Sahril N, Low WY, Plasilova L, Lazdane G, Marks M, Olumide A, Abdelhamed A, López Gómez A, Michielsen K, Moreau C, Tucker JD, I-SHARE research Consortium. The International Sexual Health and Reproductive Health Survey (I-SHARE-1): A Multi-Country Analysis of Adults from 30 Countries Prior to and During the Initial COVID-19 Wave. *Clin Infect Dis*. doi:10.1093/cid/ciac102
- J8 Aanegola R, Nakamura-Sakai S, **Kumar N**. Longitudinal Analysis of The Determinants of Life Expectancy and Healthy Life Expectancy: A Causal Approach. *Healthcare Analytics*. Published online February 7, 2022:100028. doi:10.1016/j.health.2022.100028
- J9 Janmohamed K, Walter N, Nyhan K, Khoshnood K, Tucker JD, Sangngam N, Altice FL, Ding Q, Wong A, Schwitzky ZM, Bauch CT, De Choudhury M, Papakyriakopoulos O, **Kumar N**. Interventions to Mitigate COVID-19 Misinformation: A Systematic Review and Meta-Analysis. *J Health Commun*. Published online January 9, 2022:1-12. doi:10.1080/10810730.2021.2021460
- J10 **Kumar N**, Janmohamed K, Nyhan K, et al. Substance Use in relation to COVID-19: A Scoping Review. *Addict Behav*. Published online December 2021:107213. doi:10.1016/j.addbeh.2021.107213
- J11 **Kumar N**, Forastiere L, Janmohamed K, et al. Blocking and Being Blocked on Gay Dating Apps Among MSM Attending a Sexual Health Clinic: An Observational Study. *BMC Public Health*. 2021;21(1):2127. doi:10.1186/s12889-021-12182-w
- J12 Ding Q, Massey D, Huang C, Grady CB, Lu Y, Cohen A, Matzner P, Mahajan S, Caraballo C, Kumar N, Xue Y, Dreyer R, Roy B, Krumholz HM. Tracking Self-Reported Symptoms and Medical Conditions on Social Media During The COVID-19 Pandemic. *JMIR Public Health Surveill*. Published online April 6, 2021. doi:10.2196/29413
- J13 Tan RKJ, O'Hara CA, Kumar N. Partnership Status, Living Arrangements, And Changes in Sexual Behaviour and Satisfaction During The COVID-19 Lockdown: Insights from An Observational, Cross-Sectional Online Survey in Singapore. *Sex Health*. Published online 2021.
- J14 Konstantinou P, Georgiou K, Kumar N, Kyprianidou M, Nicolaides C, Karekla M, Kassianos AP. Transmission of Vaccination Attitudes and Uptake Based on Social Contagion Theory: A Scoping Review. *Vaccines*. Published online 2021.
- J15 Massey D, Huang C, Lu Y, Cohen A, Oren Y, Moed T, Matzner P, Mahajan S, Caraballo C, Kumar N, Xue Y, Ding Q, Dreyer RP, Roy B, Krumholz HM. Engagement with COVID-19 Public Health Measures in the United States: A Cross-Sectional Social Media Analysis from June to November 2020. *J Med Internet Res*. Published online 2021. doi:10.1101/2021.02.05.21250127
- J16 **Kumar N**, Oles W, Howell BA, et al. The role of social network support in treatment outcomes for medication for opioid use disorder: A systematic review. *J Subst Abuse Treat*. Published online March 2021:108367. doi:10.1016/j.jsat.2021.108367
- J17 **Kumar N**, Janmohamed K, Nyhan K, et al. Sexual health (excluding reproductive health, intimate partner violence and gender-based violence) and COVID-19: a scoping review. *Sex*

Transm Infect. Published online March 29, 2021:sextrans-2020-054896. doi:10.1136/sextrans-2020-054896

- J18 **Kumar N**, Janmohamed K, Nyhan K, et al. Substance use and substance use disorder, in relation to COVID-19: Protocol for a scoping review. *Syst Rev.* 2021;10(1):48. doi:10.1186/s13643-021-01605-9
- J19 **Kumar N**, Janmohamed K, Nyhan K, et al. Sexual health and COVID-19: protocol for a scoping review. *Syst Rev.* 2021;10(1):37. doi:10.1186/s13643-021-01591-y
- J20 **Kumar N**, Forastiere L, Janmohamed K, et al. Improving HIV Self-Testing Social Network Interventions: The Role of Sexual Behavior Disclosure Among Chinese Men Who Have Sex with Men. *AIDS Behav.* Published online January 20, 2021. doi:10.1007/s10461-020-03128-1
- J21 Janmohamed K, Soale A-N, Forastiere L, Tang W, Sha Y, Demant J, Airoidi E, **Kumar N**. The Intersection of the Web-Based Vaping Narrative with COVID-19: Topic Modelling Study. *J Med Internet Res.* Published online 2020.
- J22 **Kumar N**, Janmohamed K, Jiang J, et al. Tobacco Cessation in Low- To Middle-Income Countries: A Scoping Review of Randomized Controlled Trials. *Addict. Behav.* 2020:106612. doi:10.1016/j.addbeh.2020.106612
- J23 **Kumar N**, Janmohamed K, Jiang J, et al. An Overview of Tobacco Control Interventions in the Global South. *DAT.* 2020. doi:10.1108/DAT-03-2020-0013
- J24 **Kumar N**, Forastiere L, Zhang T, et al. Lack of Sexual Behavior Disclosure May Distort STI Testing Outcomes. *BMC Public Health.* 2020;20(1):616. doi:10.1186/s12889-020-08768-5
- J25 **Kumar N**, Ainooson J, Billings A, et al. The Scope of Tobacco Cessation Randomized Controlled Trials in Low- to Middle-income Countries: Protocol for a Scoping Review. *Syst Rev.* 2020;9(1):86. doi:10.1186/s13643-020-01361-2
- J26 **Kumar N**, Puljević C, Ferris J, Winstock A, Barratt MJ. The Intersection between Spliff Usage, Tobacco Smoking, and Having the First Joint after Waking. *Sci Rep.* 2020;10(1):7650. doi:10.1038/s41598-020-64110-4
- J27 Yang F, Zhang TP, Tang W, Ong JJ, Alexander M, Forastiere L, Kumar N, Li KT, Zou F, Yang L, Mi G, Wang Y, Huang W, Lee A, Zhu W, Luo D, Vickerman P, Wu D, Yang B, Christakis NA, Tucker JD. Pay-It-Forward Gonorrhea and Chlamydia Testing among Men who Have Sex with Men in China: A Randomised Controlled Trial. *Lancet Infect Dis.* Published online April 2020:S1473309920301729. doi:10.1016/S1473-3099(20)30172-9
- J28 Li KT, Huang W, Tang W, Wu F, Zhao Y, Wu D, Yang F, Zhang TP, Forastiere L, Alexander M, Kumar N, Tucker JD. A Secondary Mixed Methods Analysis of a Pay-it-Forward Gonorrhea/Chlamydia Testing Program among Men who have Sex with Men in China: *Sex Transm Dis.* 2020;47(6):395-401. doi:10.1097/OLQ.0000000000001161
- J29 **Kumar N**, Puljević C, Heimer R. Understanding Motivations for Large US Cannabis Firms' Participation in the Cannabis Space: Qualitative Study Exploring Views of Key Decision-makers. *Drug Alcohol Rev.* February 2020:dar.13040. doi:10.1111/dar.13040
- J30 Zhang TP, Yang F, Tang W, Alexander M, Forastiere L, **Kumar N**, Li K, Zou F, Yang L, Mi G, Wang Y, Huang W, Lee A, Zhu W, Vickerman P, Wu D, Yang B, Christakis NA, Tucker JD. Pay-It-Forward Gonorrhea and Chlamydia Testing among Men who have Sex with Men in China: A Study Protocol for a Three-Arm Cluster Randomized Controlled Trial. *Infect Dis Poverty.* 2019;8(1):76. doi:10.1186/S40249-019-0581-1
- J31 **Kumar N**, Puljević C, Ferris J, Winstock A, Barratt MJ. Cannabis Use Patterns at the Dawn of US Cannabis Reform. *J Cannabis Res.* 2019;1(1):5. doi:10.1186/s42238-019-0003-z
- J32 Grov C, Kumar N. HIV Pre-Exposure Prophylaxis (PrEP) Is Coming to Europe, but Are Gay Men Ready to Accept It? Qualitative Findings from Berlin, Germany. *Sex Res Soc Policy.* 2018;15(3):283-289. doi:10.1007/s13178-017-0278-9

- J33 **Kumar N**, Grov C. Exploring the Occupational Context of Independent Male Escorts Who Seek Male Clients: The Case of Job Success. *Am J Mens Health*. December 2017;1557988317746836. doi:10.1177/1557988317746836
- J34 **Kumar N**, Scott J, Minichiello V. Masculinity and the Occupational Experience of Male Independent Escorts Who Seek Male Clients. *Soc Sci*. 2017;6(2):58. doi:10.3390/socsci6020058
- J35 **Kumar N**, Minichiello V, Scott J, Harrington T. A Global Overview of Male Escort Websites. *J Homosex*. November 2016:1-14. doi:10.1080/00918369.2016.1265356
- J36 **Kumar N**, Lee CKC. Regulatory Focus and Workplace Behaviour: Organisational Citizenship Behaviour, Workplace Deviance, and the Moderating Role of Gender. *J Gen Manag*. 2014;39(4):27-53.

Book Chapters, Monographs

- B1 **Kumar N**. Conducting Semi-Structured Interviews with Key Decision-Makers at Large Federally Illegal Cannabis Organizations. In: SAGE Research Methods Cases: Medicine and Health. 1 Oliver's Yard, 55 City Road, London EC1Y 1SP United Kingdom: SAGE Publications Ltd; 2020. doi:10.4135/9781529711257
- B2 **Kumar N**. Methods of Male Sex Work Research: Recommendations and Future Research Opportunities. In: Deflem M, Silva DMD, eds. *Sociology of Crime, Law and Deviance*. Emerald Publishing Limited; 2019:85-99. doi:10.1108/S1521-613620190000024009
- B3 **Kumar N**. *SpringerBriefs in Finance: Chronic Regulatory Focus and Financial Decision-Making: Asset and Portfolio Allocation*. Singapore: Springer Science+Business Media; 2015.

INVITED TALKS

- 2022 *Misinformation on Alternative Platforms*
Infocomm Media Development Authority, Singapore
- 2022 *Partisan US News Media Representations of the Syrian Refugee Crisis*
The Information Society Project, Yale Law School
- 2021 *AI/Machine Learning and Health*
Center for Opioid Epidemiology & Policy, NYU Langone
- 2021 *Centrality of Risk Perception to Users and Policy Makers*
Foundation for a Smoke-Free World
- 2020 *Contrarian Online Environments and Health Crises*
Saw Swee Hock School of Public Health, National University of Singapore
- 2020 *MSM Dating App Behavior*
TechEngage, UNC Center for AIDS Research
- 2020 *Vaping Misinformation Online*
Juul Labs
- 2020 *Large-scale Events and Health Misinformation*
Foundation for a Smoke-Free World
- 2020 *An Overview of Tobacco Control Interventions in The Global South*
15 Years of Framework Convention on Tobacco Control

MENTORING

Postdoctoral associates: Marzieh Babaeianjelodar

Postgraduate associates: Keyu Chen

PhD students: Shinpei Nakamura Sakai

Masters' students: Yiwen Shi, Weijin Zou, Wenxin Zou, Xining Yuan, Nan Yang

Undergraduate students: Kamila Janmohamed, Isabel Corpus, Meher Hans, Nikhil Harle, Natalie Sangngam, Rohan Aanegola

SERVICE

Journal/Conference/Grant Peer Review

Big Data & Society, Journal of Addiction Medicine, Sustainable Cities and Society, International Journal of Environmental Research and Public Health, Journal of Comparative Effectiveness Research, Drug and Alcohol Reports, Sexualities, Computers in Human Behavior, Frontiers in Psychology, Tobacco Induced Diseases, Drug and Alcohol Review, Annals of Medicine, Women's Health, SAGE Open Medicine, JMIR Public Health and Surveillance, Addiction, JMIR Research Protocols, Preventive Medicine Reports, PLOS ONE, Journal of Studies on Alcohol and Drugs, The Social Science Journal, International Journal of Mental Health & Addiction, Harm Reduction Journal, Journal of Consumer Behaviour, Nicotine & Tobacco Research, International Journal for Crime, Justice and Social Democracy, Population Research and Policy Review, Social Problems, Journal of Homosexuality, BMJ Open, AIDS and Behavior, Sexual Health, Systematic Reviews, International Journal of Drug Policy, Sexuality Research and Social Policy, Journal of Management and Organization, Qualitative Research in Financial Markets, Journal of Business Research, Sociological Focus, The Journal of Sex Research, Journal of General Management, Society for the Scientific Study of Sexuality