

## navin kumar | நவீன்குமார்

Yale School of Medicine  
New Haven CT 06510

navin.kumar@yale.edu  
sites.google.com/view/navin-kumar  
scholar.google.com/citations?user=wMq9s0MAAAAJ&hl=en  
(Citation Count=263, H-index=10)

### EMPLOYMENT

01/2022 – present	Yale School of Medicine Postdoctoral Associate (Mentor: Frederick Altice)
08/2022 – present	Centre for Trusted Internet and Community, National University of Singapore (NUS) Research Affiliate (Mentor: Audrey Yue)
04/2022 – present	Centre on AI Technology for Humankind, NUS Business School Visiting Fellow (Mentor: David de Cremer)
12/2021 – present	NUS Yong Loo Lin School of Medicine Visiting Fellow (Mentor: Chong Yap Seng)
09/2021 – present	NYU Langone Center for Opioid Epidemiology and Policy Visiting Fellow (Mentor: Magdalena Cerda)

### EDUCATION

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

### FELLOWSHIPS & AWARDS

#### External

2023	<i>James Buchanan Fellowship</i> , Mercatus Center (\$7,500)
2022	<i>Development Grant, Young NUS Fellow</i> , National University of Singapore (\$14,492)
2017 - 2022	<i>Humane Studies Fellowship, Marcus Fellow</i> , The Institute for Humane Studies (\$23,000)
2022	<i>Grant for Free Speech &amp; Open Inquiry</i> , The Institute for Humane Studies (\$18,000)
2022	<i>Graduate Research Fellowship</i> , Singapore Social Science Research Council (\$7,348)
2021	<i>F. A. Hayek Program</i> , Mercatus Center (\$2,000)
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

*Social and Policy Studies Graduate Policy Fellows Program, Yale University (\$3,000)*

## FUNDING

### Extramural

#### Current

Biomedical Research Council, Singapore, H22P0M0009 (\$451,901) 04/01/22-03/31/25

Personal/Yale share: \$9,426

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: Sole PI

#### Previous

Foundation for a Smoke-Free World, FSFW P-0054 (\$136,571)

08/15/21-07/14/22

Online Discourses around COVID-19 and Tobacco use

Role: Sole PI

Foundation for a Smoke-Free World, FSFW P-0014 (\$119,940)

08/01/19-11/30/20

Tobacco Cessation in the Global South

Role: Sole PI

### Internal

#### Previous

Yale MacMillan Center, Fund for Lesbian and Gay Studies (\$51,500)

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:** Where I am corresponding/first/senior author. **\*Undergraduate/graduate student or \*\*postdoc/postgrad associate author I mentored.**

### Refereed Conference Proceedings

C1 Chen K\*\*, Babaeianjelodar M\*\*, Shi Y\*, Aanegola R\*, Cheung LY, Nakov PI, Yadav S, Bancroft A, Khudabukhsh A, De Choudhury M, Altice FL, **Kumar N.** US News and Social Media Framing around Vaping. In: CSoNet 2022: International Conference on Computational Data and Social Networks. **[Acceptance Rate 24%]**

C2 Chen K\*\*, Shi Y\*, Luo J, Jiang J, Yadav S, De Choudhury M, KhudaBukhsh AR, Babaeianjelodar M\*\*, Altice FL, **Kumar N.** How is Vaping Framed on Online Knowledge Dissemination Platforms? In: SBP-BRiMS 2022: 15th International Conference on Social

- Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation. **[Acceptance Rate 20%]**
- C3 Chen K\*\*, Babaeianjelodar M\*\*, Shi Y\*, Janmohamed K\*, Sarkar R, Weber I, Davidson T, De Choudhury M, Huang J, Yadav S, Khudabukhsh AR, Nakov PI, Bauch CT, Papakyriakopoulos O, Saha K, Khoshnood K, **Kumar N.** Partisan US News Media Representations of Syrian Refugees. In: ICWSM 2023: International Conference on Web and Social Media. **[Acceptance Rate 20%]**
- C4 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. In: HCII2022: 24th International Conference on Human-Computer Interaction. **[Acceptance Rate 30%]**

#### Refereed Journal Articles

- J1 **Kumar N,** Hampsher S, Walter N, Nyhan K, De Choudhury M. Interventions to Mitigate Vaping Misinformation: Protocol for a Scoping Review. *Systematic Reviews*. 2022;11(1):1-6. doi:10.1186/s13643-022-02094-0 **[Impact Factor 3.14]**
- J2 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. **[Impact Factor 2.83]**
- J3 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. **[Impact Factor 3.38]**
- J4 **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. **[Impact Factor 3.14]**
- J5 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. **[Impact Factor 4.14]**
- J6 **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. **[Impact Factor 4.14]**
- J7 Janmohamed K\*, Walter N, Sangngam N, Hampsher S, Nyhan K, De Choudhury M, **Kumar N.** Interventions to Mitigate Vaping Misinformation: A Meta-Analysis. *Journal of Health Communication*. 2022;0(0):1-9. doi:10.1080/10810730.2022.2044941. **[Impact Factor 2.74]**
- J8 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. *Clinical Infectious Diseases*. doi:10.1093/cid/ciac102. **[Impact Factor 20.99]**
- J9 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.

- J10 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. *Journal of Health Communication*. Published online January 9, 2022:1-12. doi:10.1080/10810730.2021.2021460. **[Impact Factor 2.74]**
- J11 **Kumar N**, Janmohamed K\*, Nyhan K, et al. Substance Use in relation to COVID-19: A Scoping Review. *Addictive Behaviors*. Published online December 2021:107213. doi:10.1016/j.addbeh.2021.107213. **[Impact Factor 4.59]**
- J12 **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. **[Impact Factor 4.14]**
- J13 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 and Surveillance*. Published online April 6, 2021. doi:10.2196/29413. **[Impact Factor 14.56]**
- J14 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. *Sexual Health*. Published online 2021. **[Impact Factor 1.99]**
- J15 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. **[Impact Factor 4.96]**
- J16 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. *Journal of Medical Internet Research*. Published online 2021. doi:10.1101/2021.02.05.21250127. **[Impact Factor 7.09]**
- J17 **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. *Journal of Substance Abuse Treatment*. Published online March 2021:108367. doi:10.1016/j.jsat.2021.108367. **[Impact Factor 3.91]**
- J18 **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. *Sexually Transmitted Infections*. Published online March 29, 2021:sextrans-2020-054896. doi:10.1136/sextrans-2020-054896. **[Impact Factor 4.20]**
- J19 **Kumar N**, Janmohamed K\*, Nyhan K, et al. Substance use and substance use disorder, in relation to COVID-19: Protocol for a scoping review. *Systematic Reviews*. 2021;10(1):48. doi:10.1186/s13643-021-01605-9. **[Impact Factor 3.14]**
- J20 **Kumar N**, Janmohamed K\*, Nyhan K, et al. Sexual health and COVID-19: protocol for a scoping review. *Systematic Reviews*. 2021;10(1):37. doi:10.1186/s13643-021-01591-y. **[Impact Factor 3.14]**
- J21 **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 and Behavior*. Published online January 20, 2021. doi:10.1007/s10461-020-03128-1. **[Impact Factor 4.85]**
- J22 Janmohamed K\*, Soale A-N, Forastiere L, Tang W, Sha Y, Demant J, Airoldi E, **Kumar N**. The Intersection of the Web-Based Vaping Narrative with COVID-19: Topic Modelling Study. *Journal of Medical Internet Research*. Published online 2020. **[Impact Factor 7.09]**

- J23 **Kumar N**, Janmohamed K\*, Jiang J\*, et al. Tobacco Cessation in Low- To Middle-Income Countries: A Scoping Review of Randomized Controlled Trials. *Addictive Behaviors*. 2020;106612. doi:10.1016/j.addbeh.2020.106612. **[Impact Factor 4.59]**
- J24 **Kumar N**, Janmohamed K\*, Jiang J\*, et al. An Overview of Tobacco Control Interventions in the Global South. *Drugs and Alcohol Today*. 2020. doi:10.1108/DAT-03-2020-0013. **[Impact Factor 0.29]**
- J25 **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. **[Impact Factor 4.14]**
- J26 **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. *Systematic Reviews*. 2020;9(1):86. doi:10.1186/s13643-020-01361-2. **[Impact Factor 3.14]**
- J27 **Kumar N**, Puljević C, Ferris J, Winstock A, Barratt MJ. The Intersection between Spliff Usage, Tobacco Smoking, and Having the First Joint after Waking. *Scientific Reports*. 2020;10(1):7650. doi:10.1038/s41598-020-64110-4. **[Impact Factor 5.00]**
- J28 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 Infectious Diseases*. Published online April 2020:S1473309920301729. doi:10.1016/S1473-3099(20)30172-9. **[Impact Factor 71.42]**
- J29 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: *Sexually Transmitted Diseases*. 2020;47(6):395-401. doi:10.1097/OLQ.0000000000001161. **[Impact Factor 3.87]**
- J30 **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 and Alcohol Review*. February 2020:dar.13040. doi:10.1111/dar.13040. **[Impact Factor 4.04]**
- J31 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. *Infectious Diseases of Poverty*. 2019;8(1):76. doi:10.1186/S40249-019-0581-1. **[Impact Factor 10.49]**
- J32 **Kumar N**, Puljević C, Ferris J, Winstock A, Barratt MJ. Cannabis Use Patterns at the Dawn of US Cannabis Reform. *Journal of Cannabis Research*. 2019;1(1):5. doi:10.1186/s42238-019-0003-z. **[Impact Factor 2.30]**
- J33 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. *Sexuality Research and Social Policy*. 2018;15(3):283-289. doi:10.1007/s13178-017-0278-9. **[Impact Factor 2.48]**
- J34 **Kumar N**, Grov C. Exploring the Occupational Context of Independent Male Escorts Who Seek Male Clients: The Case of Job Success. *American Journal of Men's Health*. December 2017:1557988317746836. doi:10.1177/1557988317746836. **[Impact Factor 2.98]**
- J35 **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. **[Impact Factor 2.28]**

- J36 **Kumar N**, Minichiello V, Scott J, Harrington T. A Global Overview of Male Escort Websites. *Journal of Homosexuality*. November 2016:1-14. doi:10.1080/00918369.2016.1265356. **[Impact Factor 2.50]**
- J37 **Kumar N**, Lee CKC. Regulatory Focus and Workplace Behaviour: Organisational Citizenship Behaviour, Workplace Deviance, and the Moderating Role of Gender. *Journal of General Management*. 2014;39(4):27-53. **[Impact Factor 0.37]**

### Book Chapters, Monographs

- B1 Scott J, Kumar N. Male Sex Workers as Students. In: Jones D, Sanders T, eds. *Student Sex Work: International Perspectives and Implications for Policy and Practice*. Palgrave Advances in Sex Work Studies. Springer International Publishing; 2022. doi:10.1007/978-3-031-07777-7
- B2 **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
- B3 **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
- B4 **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 *Combating Misinformation*  
Collective Cognition Lab, New York University
- 2022 *Passively Sensed Data to Improve Patient-Level Clinical Care*  
Social Entrepreneurship to Spur Health, University of North Carolina-Project China
- 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

**Postgraduate associates:** Keyu Chen (advised)

**PhD students:** Shinpei Nakamura Sakai

**Masters' students:** Yiwen Shi, Weijin Zou, Wenxin Zou, Xining Yuan, Nan Yang, Yashna Nainani  
**Undergraduate students:** Kamila Janmohamed, Isabel Corpus, Meher Hans, Nikhil Harle, Natalie Sangngam, Rohan Aanegola

## **EDUCATIONAL ACTIVITIES**

### **Recent Teaching Roles**

2020 TA, 'Inequality and Mobility', Yale University.  
2019 TA, Occasional Lecturer, 'Social Networks and Society', Yale University.  
2018 TA, Occasional Lecturer, 'Health and Illness in Social Context', Yale University.

## **SERVICE**

### **Journal Peer Review**

American Journal of Preventive Medicine, PLOS Global Public Health, Reproductive Health, Vaccine, JMIR Infodemiology, Public Health, Tobacco Use Insights, Violence and Gender, PLOS Digital Health, Journal of Health Services Research & Policy, Interpersona, Heliyon, 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

### **Conference Peer Review**

Society for the Scientific Study of Sexuality