# navin kumar | நவீன்குமார்

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## **EMPLOYMENT**

03/2023 – present New York University

Postdoctoral Associate

01/2022 – 03/2023 Yale School of Medicine

Postdoctoral Associate (Mentor: Frederick Altice)

### **EDUCATION**

PhD Yale University, Sociology, 2021 (Chair: Nicholas Christakis)

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

2023	James Buchanan Fellowship, Mercatus Center (\$7,500)
2022	Development Grant, National University of Singapore (\$14,492)
2017 - 2022	Humane Studies Fellowship, Marcus Fellow, The Institute for Humane Studies (\$23,000)
2022	Grant for Free Speech & Open Inquiry, The Institute for Humane Studies (\$18,000)
2021	F. A. Hayek Program, Mercatus Center (\$2,000)
2020	Horowitz Foundation Award, Horowitz Foundation for Social Policy (\$7,500)
2016 - 2020	Hayek Fund for Scholars, The Institute for Humane Studies (\$2,550)
2019	Research Award, Adam R Rose Foundation (\$5,000)
2019	Health Research Training Program, NYC Department of Health
2018	Dissertation Grant, Charles Koch Foundation (\$2,500)
2017	Methods School Grant, International Political Science Association (\$360)

### Internal

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

# **FUNDING**

### Extramural

### Current

Temasek Laboratories@NTU, Singapore, (\$547,033)

08/01/23-07/31/25

Personal/Yale share: \$37,138 Information Pathways on Telegram

Role: Co-I (PI: Tandoc)

Biomedical Research Council, Singapore, H22P0M0009 (\$451,901) Personal/Yale share: \$9,426 Fathers' Roles in Early Child Health Role: Collaborator (PI: Huang)	04/01/22-03/31/25
Foundation for a Smoke-Free World, FSFW P-0071 (\$171,163) Ways to Correct Misconceptions in Science Role: Sole PI	08/15/21-02/14/23
Previous Foundation for a Smoke-Free World, FSFW P-0054 (\$136,571) Online Discourses around COVID-19 and Tobacco use Role: Sole PI	08/15/21-07/14/22
Foundation for a Smoke-Free World, FSFW P-0014 (\$119,940) Tobacco Cessation in the Global South Role: Sole PI	08/01/19-11/30/20
Internal	
Previous Yale MacMillan Center, Fund for Lesbian and Gay Studies (\$51,500) Online Perceptions of Refugees Role: Co-PI (Co-PI: Khoshnood)	06/01/21-06/30/23
Yale MacMillan Center, Fund for Lesbian and Gay Studies (\$42,521) Healthcare Disparities among Sexual Minorities Role: PI	04/19/17-11/11/23
Yale Institute for Global Health, Yale MacMillan Center (\$8,000) COVID-19 and Vaccine Hesitancy	10/15/20-03/15/21

### **PUBLICATIONS**

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

# **Refereed Conference Proceedings**

Role: Co-PI (Co-PI: Khoshnood)

- C1 Nainani Y\*, Khoshnood K, Feng A\*, Siddique M\*\*, Broekaert C, Wong A, Saha K, Lee RKW, Schwitzky Z, Lam YC, Altice FL, **Kumar N**. Categorizing Memes about Abortion. In: PhoMemes Workshop of ICWSM 2023: International Conference on Web and Social Media.
- C2 **Kumar N**, Chen K\*\*, Feng A\*, et al. Categorizing Memes about the Ukraine Conflict. In: CSoNet 2022: International Conference on Computational Data and Social Networks. [Acceptance Rate 24%]
- C3 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%]
- C4 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%]
- C5 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%]
- 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

- O'Hanlon R\*, Altice FL, Lee RKW, LaViolette J, Mark G, Papakyriakopoulos O, Saha K, De Choudhury M, Kumar N. Misogynistic Extremism: A Scoping Review. *Trauma, Violence, & Abuse.* Published online June 5, 2023:15248380231176062. doi:10.1177/15248380231176062 [Impact Factor 6.60]
- J2 Kumar N, Chen K, Shi Y, Altice FL. Online Platforms' Framing around Vaping. *Drug Testing and Analysis*. Published online November 29, 2022:dta.3417. doi:10.1002/dta.3417 [Impact Factor 3.23]
- J3 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]
- J4 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.000000000001659. [Impact Factor 2.83]
- J5 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]
- J6 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]
- 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]
- J8 **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]
- 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]
- J10 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]
- J11 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.
- 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]
- J13 **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]
- J14 **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]
- J15 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]
- J16 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]
- J17 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]
- 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]
- J19 **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]
- J20 **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]
- J21 **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]
- J22 **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]
- J23 **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]
- 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]
- J25 **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]
- J26 **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]
- J27 **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]
- J28 **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]
- J29 **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]
- 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]
- 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]
- J32 **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]
- J33 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. *Infections Diseases of Poverty.* 2019;8(1):76. doi:10.1186/S40249-019-0581-1. [Impact Factor 10.49]
- J34 **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]
- 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]
- J36 **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]

- J37 **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]
- J38 **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]
- J39 **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
- **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 Iuul 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

PhD students: Shinpei Nakamura Sakai, Robin O'Hanlon, Abhay Goyal

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**

International Conference on Web and Social Media (ICWSM), Second Workshop on Images in Online Political Communication (PhoMemes 2023), Society for the Scientific Study of Sexuality