

SANDEEP P. KISHORE, MD, PHD, MSc

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Sandeep P. Kishore leads a team dedicated to chronic disease prevention and control, directing initiatives at the health system level focused on the science and delivery of cardiovascular health equity through new partnerships, formulating policy recommendations and scalable treatment guidelines for global bodies such as the World Health Organization.

He is a faculty member at the University of California, San Francisco in the Division of Hospital Medicine. Previously, he served on faculty at the Icahn School of Medicine at Mount Sinai and was the Founding Director of the Chronic Disease Action Center. His portfolio focuses on enabling global access to essential medicines and care model innovations for vulnerable patient populations. His career focuses on global public health to deliver and evaluate population-level approaches for priority chronic conditions at scale.

Dr. Kishore is the founder and president of the Young Professionals Chronic Disease Network. He has focused on leading a network of young health professionals on designing and delivering technical packages anchored on essential medicines. He is a consultant for Resolve to Save Lives, focused on global access to essential anti-hypertensive medications. He has served as a Senior Fellow at the Public Health Foundation of India (PHFI) focused on access to medicines initiatives.

He has written extensively and analyzed public health responses to the global non-communicable disease epidemic in The Lancet, Health Affairs, Bulletin of WHO as well as Scientific American. He is a fellow of the New York Academy of Medicine, a term-member of the Council on Foreign Relations, an Emerging Leader for the National Academy of Medicine and recipient of the Paul & Daisy Soros Fellowship for New Americans. He has served as speaker, co-host and advisory board member for TEDMED from 2012-2019.

He received an MD and PhD from the Weill Cornell/ Rockefeller/Sloan-Kettering Institute and was selected by his peers to deliver the commencement address and received most compassionate physician award. He received the Raymond W. Sarber Award for top American graduate student in microbiology for his work on anti-malarial laboratory research. He earned an MSc in immunology as the Usher Cunningham Scholar at Oxford and graduated from Duke University. He has held fellowships at Yale, Harvard and MIT and undertook clinical training at Yale and is presently completing his clinical training at Brigham & Women's Hospital.

PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

Founding Director, Chronic Disease Action Center	2016-2019
Assistant Professor, Department of Health System Design & Global Health / Medicine	2016-present
Associate Director, Arnhold Institute for Global Health Icahn School of Medicine at Mount Sinai Mount Sinai Health System	2016-2019

Scope: Founded and lead the Chronic Disease Action Center focused on designing, testing and scaling solutions for communities with multiple chronic conditions. Direct programs in data science and research; patient-centered and provider directed interventions for treatment adherence; policy and thought leadership focused on access to care and essential treatment protocols. Multiple Chronic Conditions Initiative with features at World Economic Forum and UN General Assembly side events.

Achievements:

- Established prospective cohort of high-risk patients at PeakHealth practice at Mount Sinai Health System; supported team-based care and behavioral interventions towards improvements in health behaviors, health status and health utilization.
- Developed novel tool for analyzing clusters of multiple chronic conditions in 192,000 lives at Mount Sinai Health System (Medicaid) to predict future utilization rates and map geographic disparities
- Analysis of Behavioral Risk Factor Surveillance System (BRFSS) data for multiple chronic conditions risk by gender, age, insurance status, income and location in New York State; initiative initiated for first national-level analysis
- Launched first electronic medical record-based medication adherence-tracker for Mount Sinai Health System based on system, provider and patient-identified barriers and 21 tailored interventions. Completed in conjunction with Chief Pharmacist of Mount Sinai Health System with human-centered design support. Trialed in 2 practice settings with reach to 11,000 patients
- Advanced thought leadership on NCDs and access to medicines with features in *The Lancet*, *Scientific American*, *Bulletin of WHO*, *BMJ Global Health*, *Journal of American College of Cardiology*

President & Founder, Young Professionals Chronic Disease Network 2009 – present

Scope: Lead development of first and largest global research and policy innovation network for young health professionals (501c3). Coordination with major NCD organizations including NCD Alliance, Vital Strategies, WHO NCD unit and RTI on capacity building programs on technical packages for NCD control.

Achievements:

- Led design of technology-based solution to measure, map and monitor access to NCD medicines in supply chains (M3Access: <http://apps.knoema.com/m3access/>)
- Led network development from 12 members in 2 countries to 7000 members in 150 countries in 9 years with 10 national-level chapters
- Co-directed leadership development platform - NextGen Leaders program in 7 East African Countries focused on national and sub-national protocol development for essential medicine selection and procurement with support provided by RTI International.
- Authored and co-authored ten evidence-based petitions for ten medications to the WHO Essential Medicines List including five additions for priority cardiovascular disease indications (hypertension - modern beta

blockers, ACE-receptor blockers; heart failure indication for spironolactone diuretics; hyperlipidemia - statins; anti-thrombosis - clopidogrel)

- Leading 3-country (India, Zimbabwe and South Africa) consortium with World Heart Federation to modernize National Essential Medicines Lists. Submitted petition to add statin on Zimbabwe core essential medicine list, completed sub-national mapping on state-level Essential Medicines List variations in India and completed petition to add blood pressure treatment for state of Bihar
- Features in Scientific American, peer-reviewed publications in *The Lancet* and *Health Affairs*

Policy and Advisory

2012-present

Scope: Strategy, analysis, advocacy and technical support for leading public health and medicine organizations (policy and health impact) in the United States and international organizations

Achievements:

- **Resolve to Save Lives** 2018-present
 - As consultant: lead the preparation, coordination, submission of a petition to add a fixed dose combination (4 priority combinations) for hypertension to the World Health Organization Essential Medicines List.
 - Socialize concept of fixed dose combinations including preparing published Correspondence in *The Lancet* and technical reviews
- **National Academy of Medicine (NAM)** 2016-present
 - Selected to Steering Committee of Action Collaborative on Clinician Well-Being & Resilience
 - Lead NAM Perspective series on *Breaking the Culture of Silence* on physician suicide; team-based care; and making the case for a Chief Wellness Officer with leadership of AAMC, ACGME, NAM and Stanford, Johns Hopkins, Mount Sinai in *Health Affairs*
 - Co-Chair for National Conference on Emerging Leaders for the National Academy of Medicine. Selected by NAM President Dr. Victor Dzau in inaugural cohort of Emerging Leaders
- **World Health Organization (WHO)** 2012-present
 - Technical expert for WHO HEARTS on scalable protocols for essential medicines selection and procurement
 - Technical advisor for WHO High-Level Commission on NCDs
 - Steering Committee Member and Plenary speaker (Closing Session) for WHO Global Conference on NCDs (Uruguay) with President of Uruguay and WHO Director General
 - Technical analysis for NCD Countdown series for *The Lancet* NCD Action group with WHO NCD leadership on mortality trends towards SDG 3.4 progress
 - Invited civil society Plenary Speaker at 2014 High-Level Meeting on NCDs and delegate to 2011 High-Level Meeting on NCDs
- **TEDMED** 2012-2019
 - Editorial Advisory Board, 2014 - 2019
 - Speaker (2012), Co-host (2014, 2017)
- **The Huffington Post** 2014-2017
 - Medical Advisory Board

EDUCATION

- 2019-2021 **Brigham & Women's Hospital & Harvard Medical School**
Clinical Fellow/ Resident in Internal Medicine (PGY2 and 3)
- 2014 – 2016: **Yale University**
Internal Medicine (medical internship) & fellowship (Social Networks with Prof. Nicholas Christakis)
- 2011 – 2012: **Harvard Medical School, Department of Global Health & Social Medicine**
Post-doctoral Fellowship in Global Health with Prof. Paul Farmer and Dr. Rebecca Weintraub
- 2005 – 2014: **Weill Cornell/ The Rockefeller University/ Sloan-Kettering Institute**
MD/PhD in Microbiology (malaria with Kirk W. Deitsch)
Raymond W. Sarber Award as top PhD student in nation (microbiology)
Commencement Speaker
- 2004 – 2006: **University of Oxford**
M.Sc in Immunology/Pathology (with Siamon Gordon)
Usher Cunningham Full Scholarship
- 2000 – 2004: **Duke University**
B.S. in Biology (Cell & Molecular)

Licensure and Certification

- 2016-present New York Medical License

AWARDS/HONORS

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| <i>The Lancet Award for Outstanding Community Service Project</i> | 2008 |
| <i>Fellowship, MIT Dalai Lama Center for Ethics and Transformative Values</i> | 2011 |
| <i>Raymond W. Sarber Award, American Society of Microbiology (top PhD student in nation)</i> | 2012 |
| <i>Senior Research Fellow, Public Health Foundation of India</i> | 2012 |
| <i>Weill Cornell Medical College Commencement Speaker</i> | 2014 |
| <i>Term Member, Council on Foreign Relations</i> | 2016 |
| <i>Emerging Leader, U.S. National Academy of Medicine</i> | 2016 |
| <i>Emerging Leader, World Heart Federation</i> | 2017 |
| <i>Fellow, New York Academy of Medicine</i> | 2017 |

INVITED REVIEWER

The Lancet, Health Affairs, British Medical Journal, Bulletin of WHO, Health Policy and Planning, The Lancet Global Health, Annals of Internal Medicine, National Academy of Medicine Perspectives

PUBLICATIONS

Peer Reviewed Original ContributionsPublished/In-press

50. Armstrong-Hough M, Sharma S, Kishore SP, Akiteng AR, Schwartz JI. Variation in the availability and cost of essential medicines for non-communicable diseases in Uganda: A descriptive time series analysis. *PLoS One*. 2020 Dec 23;15(12):e0241555. doi: 10.1371/journal.pone.0241555.
49. Salam A, Huffman MD, Kanukula R, Hari Prasad E, Sharma A, Heller DJ, Vedanthan R, Agarwal A, Rodgers A, Jaffe MG, Frieden TR, Kishore SP. Two-drug fixed-dose combinations of blood pressure-lowering drugs as WHO essential medicines: An overview of efficacy, safety, and cost. *J Clin Hypertension*. 2020 Oct;22(10):1769-1779. doi: 10.1111/jch.14009.
48. Jezmir JL, Bhardwaj M, **Kishore SP**, Winkler M, Deiphuis B, Kim EY, Feldman WB. Empirical assessment of COVID-19 Crisis Standards of Care Guidelines. medRxiv. May 19 2020.
47. Husain MJ, Datta BK, Kostova D, Joseph KT, Asma S, Richter P, Jaffe MG, **Kishore SP**. Access to Cardiovascular Disease and Hypertension Medicines in Developing Countries: An Analysis of Essential Medicine Lists, Price, Availability, and Affordability. *J Am Heart Assoc*. May 2020 9(9):e015302
46. **Kishore SP**, Majumdar U. Learning From Progress: Global NCD Policy Implementation at National Level. *Lancet Glob Health*. 8 (1), e4-e5 Jan 2020
45. Heller DJ, Kumar A, **Kishore SP**, Horowitz CR, Joshi R, Vedanthan R. Assessment of Barriers and Facilitators to the Delivery of Care for Noncommunicable Diseases by Nonphysician Health Workers in Low- And Middle-Income Countries: A Systematic Review and Qualitative Analysis. *JAMA Netw Open*. 2 (12), e1916545 2019 Dec 2
44. Frieden TR, Varghese CV, **Kishore SP**, Campbell NRC, Moran AE, Padwal R, Jaffe MG. Scaling Up Effective Treatment of hypertension – A Pathfinder for Universal Health Coverage. *J Clin Hypertension*. 21 (10), 1442-1449 Oct 2019
43. Majumdar U, Hunt C, Doupe P, Baum AJ, Heller DJ, Levine E, Futterman R, Hajat C, **Kishore SP**. Multiple Chronic Conditions at a Major Urban Health System: A Retrospective Cross-Sectional Analysis of Frequencies, Costs and Comorbidity Patterns. *BMJ Open*. 9 (10), e029340 2019 Oct 15
42. von Oettingen JE, Ginsburg O, **Kishore SP**, Pastakia SD, Schroeder LF, Milner DA, Vedanthan R. The AEIOU of essential diagnostics: align, expand, implement, oversee and update. *Lancet Glob Health*. 2019 June; 7(6): e694-e695.
41. Kumar A, Schwarz D, Acharya B, et al. Designing and implementing an integrated non-communicable disease primary care intervention in rural Nepal. *BMJ Glob Health*. 2019 Apr 4(2): e001343
40. Salam A, Kanukula R, Atkins A, Wang X, Islam S, Patel A, **Kishore SP**, Jaffe MJ, Rodgers A. Efficacy and safety of dual combination therapy of blood pressure lowering drugs as initial treatment for hypertension – a systematic review & meta-analysis of randomised controlled trials. *J Hypertension*. 2019 April 9:
39. Newman D, Levine E, **Kishore SP**. The Burden of Multiple Chronic Conditions in New York State, 2011-2016. *PLoS One*. 2019 Feb 7;14(2):e0211965

38. DiPette DJ, Skeete J, Ridley E, Campbell NRC, Lopez-Jaramillo P, **Kishore SP**, Jaffe MG, Cocao A, Ordunez P. Fixed-Dose Combination Pharmacologic Therapy to Improve Hypertension Control Worldwide: Clinical perspective and policy implications. *J Clin Hypertens (Greenwich)*. 2019 Jan;21(1):4-15
37. Heller DJ, **Kishore SP**. Adding Losartan to the WHO Essential Medicines List. *Global Heart*. In press.
36. **Lancet NCD Action Group**. NCD Countdown 2030: Worldwide trends in non-communicable disease mortality and progress towards Sustainable Development Goal target 3.4. *The Lancet*. Sep 2018 22;392(10152):1072-1088
35. **Kishore SP**, Salam A, Rodger A, Jaffe MG, Frieden T. Fixed dose combinations for hypertension. *The Lancet*. Sep 2018 8;392(10150):819-820
34. Hajat C, **Kishore SP**. The Case for a Global Focus on Multiple Chronic Conditions. *BMJ Global Health*. Jun 2018. 3:e000874.
33. **Kishore SP**, Heller DJ, Vasan A. A New Beginning: Cardiovascular disease control as the path to global primary care. *Bulletin of WHO*. 2018; 96:219-221.
32. **Kishore SP**, Blank E, Heller DJ, Patel A, Peters A, Price M, Vidula M, Fuster V, Onuma O, Huffman MD, Vedanthan R. Modernizing the World Health Organization Model List of Essential Medicines for the Prevention and Control of Cardiovascular Diseases. *JACC*. Vol 71: Issue 5. DOI: 10.1016/j.jacc.2017.11.056
31. Heller DJ, **Kishore SP**. Closing the blood pressure gap: an affordable proposal to save lives worldwide. *BMJ Global Health*. Sep 2017, 2 (3) e000429
30. Marks V, Latham S, **Kishore SP**. On Essentiality and the World Health Organization's Model List of Essential Medicines. *Annals of Global Health*. Vol 83: Issue 3-04, p. 637-40.
29. Armstrong-Hough, M, **Kishore SP**, Byakika S, Mutungi G, Nunez-Smith M, Schwartz JI. Disparities in availability of essential medicines to treat non-communicable diseases in Uganda: a cross-sectional Poisson analysis using the 2013 Service Availability and Readiness Assessment. *PLoS One*. 13(2): e0192332.
28. **Kishore SP**, Kolappa K, Jarvis JD, Park P, Belt R, Balasubramaniam T, Kiddell-Monroe R. Overcoming Obstacles to Enable Access to Medicines for Noncommunicable Disease in Poor Countries. *Health Affairs*. 34 (9): 1569-1577.
27. Siddharthan T, Rabin T, List JM, **Kishore SP**, Schwartz JI. The Shifting Tide of Noncommunicable Diseases in East Africa. *Health Affairs*. 34(9): 1506-1513
26. Jaacks LM, Ali MK, Bartlett J, Bloomfield GS, **Kishore SP**, Lipska K, Ngaruiya C, Peck R, Penna MB, Siegel KR, Narayan KM, US Global NCD Research Network. US academic and global noncommunicable disease research: Opportunities and challenges. *Annals of Internal Medicine*. 2015 Aug 25. doi: 10.7326/M15-1068
25. Patel A, Vidula M, **Kishore SP**, Vedanthan R, Huffman MD. Building the case for clopidogrel as a World Health Organization Essential Medicine. *Circ Cardiovasc Qual Outcomes*. 2015 Jun 2
24. Carroll L, Ali MK, Cuff P, Huffman MD, Kelly BB, **Kishore SP**, Narayan KM, Siegel KR, Vedanthan R. Envisioning a transdisciplinary university. *J Law Med Ethics*. 2014. Dec. 42: suppl: 2: 17-25.

23. Beaglehole R, Bonita R, Ezzati M, Alleyne G, Dain K, **Kishore SP**, Horton R. NCD Countdown 2025: accountability for the 25 x 25 NCD mortality reduction target. *The Lancet*. 2014. Jul 12; 384 (9938): 105-7.
28. Wynia MK, **Kishore SP**, Belar CD. A unified code of ethics for health professionals: insights from an IOM workshop. *JAMA*. 2014 Feb 26;311(8):799-800.
22. Ukaegbu, U*, **Kishore SP***, Kwiatkowski DL, Pandarinath C, Dahan-Pasternak N, Dzikowski R, Deitsch KW. Recruitment of PfSet2 by RNA polymerase II to variant antigen encoding loci contributes to antigenic variation in *P. falciparum*. *PLoS Pathogens*. 2014 Jan;10(1):e1003854 *authors contributed equally
21. Matheka DM, Nderitu J, Vedanthan R, Demaio AR, Murgor M, Kajana K, Loyal P, Alkizim FO, **Kishore SP**. Young professionals for health development: the Kenyan experience in combating non-communicable diseases. *Global Health Action*. 2013 Nov 20;6:22461.
20. Scott, J, **Kishore SP**. Global Cancer Disparity Highlighted. *Journal of Neuroscience in Rural Practice*. 2013 Aug;4(S 1):S1-2.
19. **Kishore SP**, Basu S, Selvaraj S. Access to cancer medicines in India. *The Lancet Oncology*. Apr;14(4):e136. 2013
18. **Kishore SP**, Stiller JW and Deitsch KW. Horizontal gene transfer of epigenetic machinery and evolution of parasitism in the malaria parasite *Plasmodium falciparum* and other apicomplexans. *BMC Evolutionary Microbiology*. 13(1):37. 2013.
17. Hogerzeil HV, Liberman J, Wirtz VJ, **Kishore SP**, Selvaraj S, Kiddell-Monroe R, Mwangi-Powell FN, von Schoen-Angerer T; The Lancet NCD Action Group. Promoting access to essential medicines for non-communicable diseases: practical implications of the UN political declaration. *The Lancet*. 381(9867):680-9, 2013
16. Kolappa, K, Henderson and **Kishore SP**. No physical health without mental health: lessons unlearned? *Bulletin of the World Health Organization*. Volume 91: 3-3A. 2013 Jan.
15. Francis ER, Goodsmith N, Michelow M, Kulkarni A, Mckenney AS, **Kishore SP** et al. The Global Health Curriculum of Weill Cornell: How One School Developed a Global Health Program. *Academic Medicine*. Vol. 87, No. 9. 2012.
14. Basu S, Andrews J, **Kishore SP**, Panjabi R, Stuckler D. Comparative performance of private and public healthcare systems in low- and middle-income countries: a systematic review. *PLoS Med*. 2012 Jun;9(6):e1001244
13. **Kishore SP**, Siegel K et al. Youth Manifesto on Non-Communicable Diseases. *Global Heart*. Vol 6(4): 201-210. 2011.
12. Siegel K, **Kishore SP**, Huffman MD, Aitsi-Selmi A, Baker P, Bitton A, Mwatsama M, Ding EL, Feigl AB, Khandelwal S, Rapkin N, Seligman B, Vedanthan R. Trans-disciplinary education and training for NCD prevention and control. *Global Heart*. Vol 6 (4): 191-193. 2011.
11. **Kishore SP**, Siegel K, Kelly B, Vedanthan R, Ali MK, Koplan J, Narayan VKM, Fuster V. Preparing the University Community to Respond to 21st Century Global Public Health Needs. *Global Heart*. Vol 6(4): 183-190. 2011.
10. Khandelwal S, Huffman M, Shah S, **Kishore SP**, Siegel K. Noncommunicable, Chronic Disease Training and Education Needs in India. *Global Heart*. Vol 6 (4): 195-199. 2011.

9. **Kishore SP**, Vedanthan R and Fuster V. Promoting Global Cardiovascular Health: Ensuring Access to Essential Cardiovascular Medicine in Low- and Middle- Income Countries. *Journal of the American College of Cardiology*. Vol 57 (20): 1980-7. May 17, 2011.
8. Siegel, KR, Feigl AB, **Kishore SP**, Stuckler D. Misalignments between perceptions and actual global burden of disease: evidence from the US population. *Global Health Action*. 4:6339
7. **Kishore SP**, Bitton A, Cravioto A and Yach D. Enabling Access to new WHO essential medicines: the case for Nicotine replacement therapies. *Globalization & Health*. Nov 19; 6:22.
6. **Kishore SP**, Herbstman BJ. Adding a new medicine to the WHO Model List of Essential Medicines. *Clinical Pharmacology & Therapeutics*. Vol 85 (3): 3/2009
5. **Kishore SP**, Tavera G, Hotez PJ. The Global Health Crisis and Our Nation's Research Universities. *PLoS Neglected Tropical Diseases*. 2010. Feb 23. Volume 4 (2), e635
4. Chen CE, Gilliland CT, Purcell J and **Kishore SP**. The Silent Epidemic of Exclusive University Licensing Policies on Compounds for neglected diseases and beyond. *PLoS Neglected Tropical Diseases*. 2010 Mar 30;4(3):e570.
3. **Kishore SP**, Perkins SL, Templeton TJ and Deitsch KW. An unusual recent expansion of the C-terminal domain of RNA polymerase II in primate malaria parasites features a motif only otherwise found in mammalian polymerases. *Journal of Molecular Evolution*. 68(6): 706-714. June 2009
2. **Kishore, SP**, Mulamira P. Seeding a Global Movement on Neglected Diseases. *Global Forum Update on Research for Health Volume 5* (11/17/2008)
1. **Kishore SP**, Bungum MK, Platt JL and Gregory J. Brunn. Selective Suppression of Toll-like Receptor 4 Activation by Chemokine Receptor 4. *FEBS Letters*. 2005 Jan 31; 579(3): 699-704

Book Chapters (Global Health)

1. **Kishore SP**, Michelow MD. The Global Burden of Disease. **Perspectives in Public Health: Challenges for the 21st Century**. Edited by Madelon L Finkel, Cornell University. Publisher: Praeger Press, Santa Barbara, CA.
2. Stuckler D, Siegel KR, **Kishore SP**, O'Connor K, Stevens D, Basu S. "Comprehensive Strategies to Reduce the Burden of Chronic Diseases." *Global Chronic Disease: Causes, Consequences and Prevention*. Edited by: David Stuckler and Karen Siegel. Publisher: Oxford University Press, Oxford, UK (September, 2011)
3. **Kishore SP**, Reddy KS. Non-Communicable Diseases: Equity, Action and Targets. **Manson's Tropical Diseases, 23rd edition**. Editors: Jeremy Farrar, Peter Hotez, Thomas Junghanss, Gagandeep Kang, David Lalloo and Nicholas J. White. Publisher: Elsevier, 2014.
4. Christie G, **Kishore SP**, Heller DJ, Yach D. Chronic Diseases and Risks. *Global Health: Diseases, Programs, Systems and Policies (4th Edition)*. Editors: Michael Merson, Robert Black, Anne Mills. 2018.
5. Schwarz D, **Kishore SP**, Reddy KS. Non-Communicable Diseases: Equity, Action and Targets. **Manson's Tropical Diseases, 24rd edition**.. Publisher: Elsevier, 2020.

Non-Peer Reviewed Publications

1. **Kishore, SP**. Mobilizing Students for Change. *The Scientist*. Vol. 22 (7), 7/2008

2. **Kishore, SP** and Prabhjot S Dhadialla. A Student-Led Campaign to Help Tackle Neglected Tropical Diseases. *PLoS Medicine*. 2007. Jul 24. Volume 4 (7), e241
3. Finch, T, Chae S, Shafae MN, Siegel KR, Ali MK, Tomei R, Panjabi R and **Kishore SP**. The Role of Students in Global Health Delivery. *Mount Sinai Journal of Medicine*. Vol 78 (3): 373-381, 2011.
4. Huffman MD, Siegel KR, **Kishore SP**, Bitton A. Regarding the prevention of global chronic disease: Academic public health's new frontier. *American Journal of Public Health*. 78(3):373-81. 2011.
5. Bhatia SK, **Kishore SP**. Engineering and the Prevention of Global Chronic Disease: Forging Partnerships Between Engineers and Public Health Leaders. *Ethics in Biology, Engineering & Medicine – an International Journal*. 2(4): 347-352. 2011
6. Maciag, K, **Kishore SP**. Generic Drugs for Developing Nations. *Nature Reviews Microbiology*. 2010 Jun 7;8(7): 530
7. **Kishore, SP**, Mulamira P. Seeding a Global Movement on Neglected Diseases. *Global Forum Update on Research for Health Volume 5*
8. **Kishore SP**, Huffman MD, Vuster V, Vedanthan. Expanding Global Access to Essential Heart Medications. *Scientific American*. April 2018.

Breaking Culture of Silence Series: National Academy of Medicine (editor)

Kishore SP, Dandurand DE, Mathew A, Rothenberger D. Breaking the Culture of Silence on Physician Suicide. National Academy of Medicine. June 3, 2016. <https://nam.edu/breaking-the-culture-of-silence-on-physician-suicide/>

Salwan J, Kishore SP. Breaking Silence, Breaking Stigma. National Academy of Medicine. July 5, 2017.

Poorman E, Kishore SP. I Felt Alone but I Wasn't: Depression is Rampant Among Doctors in Training. National Academy of Medicine. October 4, 2016

Coffey DS, Eliot K, Goldblatt E, Grus C, Kishore SP, Mancini M, Valachovic R, Hinton-Walker P. National Academy of Medicine. Discussion Paper for Global Forum for Innovations in Health Professional Education. A Multifaceted Systems Approach to Addressing Stress Within Health Professions Education and Beyond.

Hengerer A, Kishore SP. Breaking a Culture of Silence: The Role of State Medical Boards. National Academy of Medicine. August 28, 2017.

National Academy of Medicine Action Collaborative on Clinician Well-Being & Resilience

Kishore SP, Ripp J, Shanafelt T, Melnyk BM, Rogers DA, Brigham T, Busis N, Charney D, Cipriano P, Minor L, Rothman P, Spisso J, Kirch D, Nasca T, Dzau VD. Making the Case for the Chief Wellness Officer in America's Health Systems: A Call to Action. *Health Affairs*.

PRESS

U.S: Scientific American, The Scientist, The Chronicle of Higher Education, The Lancet, The British Medical Journal, The Huffington Post, Public Broadcasting Service (PBS) Newshour, The New York Times (*Soros fellowship*), PLoS Neglected Tropical Diseases, Crain's New York Business, Richmond-Times Dispatch, Weill Cornell Medicine, Cornell Chronicle, Radford News Journal, Yale News
International: India Abroad, The Indian Express, Down to Earth, Eenadu and Deccan Chronicle (South Asia), Red Herring,

INVITED LECTURES AND PANELS

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| 1. Speaker, Institute of Medicine (IOM) Board on Global Health (Cardiovascular Disease) | 2009 (4/13-14) |
| 2. Invited Lecturer, Duke Law School (Health Care Reform: Global Health) (NY) | 2010 (3/9) |
| 3. Lecturer, Bryn Mawr Post-Baccalaureate Program (Global Health: Access to Medicines) | 2010 (4/7) |
| 4. Course Lecturer, Columbia University (Health & International Development: Bhaven Sampat) | 2010 (4/9) |
| 5. NGO Delegate, 43 rd UN Commission on Population & Development | 2010 (4/13) |

6. NGO Delegate, Business Council for the United Nations (NCDs & Development)	2010 (4/20)
7. Lecturer (Access to Essential Medicines), Millennium Campus Network (Columbia Univ)	2010 (9/17)
8. Lecture, Medical Grand Rounds (Carilion Medical Center) (VA)	2010 (10/20)
9. Invited Lecture, Edward Via College of Osteopathic Medicine (VCOM) (VA)	2010 (10/20)
10. Lecturer, Global Health Emergencies Course (New York Academy of Medicine)	2011 (2/7)
11. Course Lecturer, Columbia University (Health & International Development: Bhaven Sampat)	2011 (4/7)
12. NGO Delegate, WHO Global Forum on NCDs/ Ministerial Meeting (Moscow)	2011 (4/28)
13. Presenter, American Cancer Society Briefing for Global Cancer Ambassadors	2011 (6/18)
14. NGO Delegate, United Nations General Assembly (High-Level Meeting on NCDs)	2011 (9/19-20)
15. Presenter, Duke University Eureka Symposium for Social Change	2011 (10/15)
16. Course Lecturer, NYU Wagner School of Public Service (Global Health Policy: Karen Grepin)	2011 (10/24)
17. Lecturer, Open Society Institute: Future of Access to Medicines (Bangkok)	2011 (12/13)
18. Lecturer, National Institute of Malaria Research, Delhi, India	2011 (12/22)
19. Lecturer, Centre for Chronic Disease Control, Delhi, India	2011 (12/23)
20. Lecturer, Osmania Medical College (Public Health in the 21 st Century) (Hyderabad, India)	2012 (1/9)
21. Lecturer, Harvard Law School (Access to Essential Medicines)	2012 (2/8)
22. Course Lecturer, Harvard Medical School: Clinical Topics in Global Health	2012 (2/9)
23. Lecturer, Global Health Emergencies Course (Weill Cornell)	2012 (3/6)
24. Course Lecturer, Columbia University Mailman School of Public Health (NCDs: Paul Wilson)	2012 (3/8)
25. National Cancer Institute Advisory Meeting (Center for Global Health)	2012 (3/13/14)
26. Round Table, British Consulate-General/Imperial College London (NCDs)	2012 (3/27)
27. Invited Lecture, TEDMED 2012 (Washington, DC; The Kennedy Center)	2012 (4/10-13)
28. Panel Chair, London School of Hygiene & Tropical Medicine (Launch of Centre for NCDs)	2012 (4/25)
29. Invited Lecture, Goodenough College, London, UK	2012 (4/26)
30. Invited Lecture and Keynote Discussant, University of Toronto (NCDs and Global Agenda)	2012 (4/30)
31. Invited Keynote Lecturer, Case Western Reserve Univ/Cleveland Clinic MD/PhD Program	2012 (7/2)
32. Co-Organizer, YP-CDN/IOM Trans-disciplinary Education in Global Health (Emory)	2012 (8/2)
33. Invited Lecturer, IOM Global Forum on Innovations in Health Professional Education	2012 (8/29-30)
34. Invited Lecturer, UNAIDS World AIDS Day Panel (Health in the post-2015 world), UN-HQ	2012 (11/29)
35. Workshop/Committee Member, IOM Workshop on New Professionalism for Health Care	2013 (3/11)
36. Invited Keynote Lecturer, Doctors For America National Conference (with Vivek Murthy)	2013 (4/20)
37. Invited Lecturer, Mt. Sinai School of Medicine, InFocus Global Health Lecture	2014 (1/31)
38. Plenary Lecturer, Western Regional International Health Conference (Univ. of Washington)	2014 (4/6-8)
39. Invited Lecturer, Yale School of Public Health, Global Health seminar	2014 (4/21)
40. Invited Speaker, United Nations General Assembly High-Level Meeting on NCDs	2014 (7/11)
41. Invited Speaker, <i>Health Affairs</i> Briefing (Growing Burden of NCDs, Washington DC)	2015 (9/9)
42. Invited Speaker, Politics of Prevention (with Columbia University & Vitality Institute)	2015 (9/21)
43. Invited Panelist, World Health Organization Global Coordination Mechanism on NCDs	2015 (12/1)
44. Invited Panelist, World Health Organization Global Coordination Mechanism on NCDs	2016 (2/6)
45. Invited Panelist, National Academy of Medicine Forum on Physician Resilience & Well-Being	2016 (7/7)
46. Invited Lecturer, Boston University School of Public Health	2017 (8/11)
47. Invited Lecturer and Organizer, World Economic Forum Meeting (Multiple Chronic Conditions)	2017, (9/18)
48. Invited Speaker, World Health Organization Global Conference on NCDs (Uruguay)	2017 (10/18-20)
49. Invited Lecturer / Co-Host, TEDMED 2017	2017 (11/1-3)
50. Mount Sinai Emergency Medicine Global Health Conference, Keynote	2018 (2/14)
51. Invited Lecturer, Arnhold Institute for Global Health Big Ideas in Global Health	2018 (2/27)
52. Grand Rounds, New York Presbyterian Hospital - Queens, Emergency Medicine	2018 (3/14)
53. Invited Expert, Independent High-Level Commission on NCDs	2018 (3/21-22)
54. Invited Panelist, NCD Care Across the Continuum (UN General Assembly Side-Event)	2018 (9/25)
55. Invited Panelist, Time to Disrupt the Healthcare System (Novel Solutions in NCD Era)	2018 (9/25)
56. Organizer, World Economic Forum NCD Dialogue Series on Capacity-Building for NCD	2018 (9/26)
57. Ask the Doctor, American Medical Association Podcast on Hypertension	2018 (10/24)
58. Inaugural Webinar Lecture, Resolve to Save Lives LINKS on fixed dose combinations	2018 (10/25)
59. National Academy of Sciences Science & Entertainment Exchange: Documentary Filmmakers	2018 (10/26-28)
60. Invited Panelist, Plenary - World Heart Federation 3 rd Global Summit on Circulatory Health	2018 (12/4-5)
61. Moderators, Inaugural Vital Talks: Conversation with Dr. Tom Frieden	2019 (3/28)
62. Invited Panelist, Improving Health in Urban Communities (The King's Fund, London)	2019 (6/6)
63. Co-Chair, Emerging Leaders Forum, National Academy of Medicine	2019 (7/17-18)