

UNITED STATES SENATE
COMMITTEE ON THE JUDICIARY
QUESTIONNAIRE FOR NON-JUDICIAL NOMINEES
PUBLIC

1. **Name:** State full name (include any former names used).

Rahul (NMN) Gupta

2. **Position:** State the position for which you have been nominated.

Director, Office of National Drug Control Policy

3. **Address:** List current office address. If city and state of residence differs from your place of employment, please list the city and state where you currently reside.

Office: 1550 Crystal Drive, Suite 1300, Arlington, VA 22202

Firm/Employer: March of Dimes, Inc.

Residence: Lorton, VA

4. **Birthplace:** State date and place of birth.

1971, District Bijnor, Uttar Pradesh, India

5. **Education:** List in reverse chronological order each college, law school, or any other institution of higher education attended and indicate for each the dates of attendance, whether a degree was received, and the date each degree was received.

- London School of Business and Finance, 2014 – 2016.
Global Master of Business Administration (MBA – Innovation & Technology Management) - 10/2016
- Harvard Kennedy School of Government, 7/2015
Certificate – State Health Leadership Initiative - 7/2015
- University of Alabama-Birmingham - 2005 – 06.
Master of Public Health (MPH - Healthcare Organization & Policy), 12/2006
- Faculty of Medical Sciences, University of Delhi, 1994 – 1996.
Post Graduate Diploma in Tuberculosis and Chest Diseases (DTCD), 6/1996
- University College of Medical Sciences, University of Delhi, 1988 – 1993.

- Completed medical school in December 1992 with internship during January - December 1993.
 - Doctor of Medicine (MBBS) - 5/1994
 - University of Delhi, 1987-1988.
1-year Undergraduate study in Biological Sciences – 5/1988; No degree
6. **Employment Record:** List in reverse chronological order all governmental agencies, business or professional corporations, companies, firms, or other enterprises, partnerships, institutions or organizations, non-profit or otherwise, with which you have been affiliated as an officer, director, partner, proprietor, or employee since graduation from college, whether or not you received payment for your services. Include the name and address of the employer and job title or description.

I have listed the positions below.

Nov 2018 – Present
Chief Medical & Health Office and Senior Vice President
Interim Chief Scientific Officer (May 2020 – present)
March of Dimes, Inc
1550 Crystal Dr. Suite 1300
Arlington, VA 22202
Paid

July 2021 – Present
Expert Advisor, Purdue Pharma Opioid Bankruptcy Case - Hospital Trust Distribution Procedures
Clifford Law Offices
120 N. LaSalle St, 36th Floor
Chicago, IL 60602
Paid - Consultant

April 2021 - Present
Medical and Public Health Advisor
Napoli Shkolnik PLLC
360 Lexington Ave 11th Floor
New York, NY 10017
Paid - Consultant

November 2019 – Present
Adjunct Professor
Georgetown University School of Medicine
3900 Reservoir Rd NW
Washington, DC 20007
Unpaid

October 2019 (approx.) – Present
Steering Committee Member
National Center for Fatality Review and Prevention
Okemos, MI 48864
Unpaid

July 2019 – Present
Advisory Council Member
Committee Member, America's Health Rankings
Minnetonka, MN 55343
Unpaid

July 2019 – Present
National Advisory Council Member
Agency for Healthcare Research and Quality
U.S. Department of Health and Human Services
Rockville, MD 20857
Unpaid

May 2019 – Present
National Quality Task Force Committee Member
National Quality Forum
Washington, DC 20005
Unpaid

December 2018 – Present
Committee Member
The National Academies of Sciences, Engineering, and Medicine
Committee on the Review of Specific Programs
in the Comprehensive Addiction and Recovery Act (CARA)
Washington DC 20001
Unpaid

October 2018 – Present
Board of Trustee
SAFE Project US
Arlington, VA 22201
Unpaid

April 2018 – Present
Board of Trustees
National Youth Science Foundation
Davis, WV 26260
Unpaid

October 2015 – Present
Adjunct Professor
West Virginia University School of Public
Health
Morgantown, WV 26506
Unpaid

July 2015 – Present
Visiting Faculty
T H Chan School of Public Health
Harvard University
677 Huntington Ave
Boston, MA 02115
Unpaid

July 2014 – Present
Researcher
Global Burden of Disease Collaborator Network
Seattle, WA 98195
Unpaid

July 2014 – Present
Visiting Lecturer
Bloomberg School of Public Health
Johns Hopkins University
Baltimore, MD 21205
Unpaid

July 2011 – Present
Associate Professor
University of Charleston School of Pharmacy
2300 MacCorkle Ave SE,
Charleston, WV 25396
Unpaid

October 2009 – Present
Volunteer Attending Physician
West Virginia Health Right
1520 Washington Street East
Charleston, WV 25311
Unpaid

February 2020 – April 2021
Medical and Public Health Advisor
LightStream Consulting
1314 E Las Olas Blvd

Ft. Lauderdale, FL 33301
Paid - Consultant

September 2020 – January 2021
Lead, Agency Review Team for ONDCP
Biden-Harris Presidential Transition Team (PT Fund, Inc.)
Washington DC
Unpaid

March 2020 – December 2020
Regulatory Advisor
Holistic Industries
Rockville, MD
Paid - Consultant

July 2020 – October 2020
Public Health Advisor
Thompson Barney
Charleston, WV
Paid - Consultant

2019 – 2021
Ad hoc Working Group
Task Force on Research Specific to Pregnant Women and Lactating Women (PRGLAC)
National Institutes of Health
Bethesda, MD 20892
Unpaid

June 2019 – December 2020
Medical & Public Health Advisor
IP Securetech
Fort Lauderdale, FL
Paid - Consultant

May 2019 – October 2019
Public Health Advisor
Sill Law PLLC
Edmond, OK
Paid – Consultant

July 2018 – June 2021
Member, Board of Directors,
National Public Health Accreditation Board
Alexandria, VA
Unpaid

August 2016 – August 2017
President
West Virginia Medical Association
Charleston, WV
Unpaid

January 2015 – November 2018
Commissioner and State Health Officer
Bureau for Public Health
West Virginia Department of Health and Human Resources
Charleston, WV
Paid

January 2015 – November 2018
Secretary of the Board of Medicine
West Virginia Board of Medicine
Charleston, WV
(Additional statutory duties for position listed above with no additional compensation)

July 2010 – July 2019
Clinical Teaching Faculty
Charleston Area Medical Center
Charleston, WV
Unpaid

2010 – 2015
Clinical Assistant Professor
West Virginia School of Medicine
Charleston, WV
Unpaid

March 2009 – December 2014
Executive Director and Health Officer
Kanawha-Charleston Health Department
Charleston, WV
Paid

July 2013 – December 2014
Executive Director and Health Officer
Putnam County Health Department
Winfield, WV
(Additional duties besides those in position listed above with Kanawha-Charleston Health Department with no additional compensation)

August 2007 – March 2009
Assistant Professor of Medicine

Meharry Medical College
Nashville, TN
Paid

2008-2009
Clinical Assistant Professor of Medicine
Vanderbilt University School of Medicine
Nashville, TN
Unpaid

March 2004 – April 2007
Assistant Professor of Medicine
University of Alabama-Birmingham, Huntsville Campus
Huntsville, AL
Paid

February 2000 – February 2004
Primary Care Physician
Floral Medical Clinic
Floral, AL
Paid

July 1996 – June 1999
Internship and Residency Training, Internal Medicine
St Joseph Hospital/Northwestern University
Chicago, IL
Paid

June 1994 – May 1996
Subspecialty Training, Chest Disease and Tuberculosis
V. P. Chest Institute
University of Delhi
Delhi, India
Paid

January 1994 – June 1994
Junior Resident, Dermatology & Venereal Diseases
Guru Teg Bahadur Hospital
Delhi, India
Paid

In addition to the positions listed above, I have also held positions on the following committees or boards. These were all unpaid appointments:

1. Member, Advisory Board, WV Herbert Henderson Office of Minority Affairs
2. Health Financing Experts Team, Global Burden of Disease Collaborator Network

3. Governor's Advisory Council on Substance Use Disorder (West Virginia)
4. Governor's Task Force, Public Employees Insurance Agency (West Virginia)
5. Chairman, WV Public Water Supply System Study Commission
6. Board of Directors, Association of State and Territorial Health Officials (ASTHO)
7. Alternate Delegate – 2017, American Medical Association
8. Leadership Council Chair, West Virginia University School of Public Health
9. Public and Population Health Advisory Group, National Academy for State Health Policy
10. Chair, ASTHO Prevention Policy Committee
11. Chair, ASTHO Tobacco Forum
12. WV Water Development Authority
13. Chair, Public Health Advisory Council
14. Chair, WV Medical Cannabis Advisory Board
15. Board of Directors, WV Poison Control Center
16. WV Infrastructure and Jobs Development Council
17. Appalachian States Low-level Radioactive Waste Commission
18. Government Affairs Committee, ASTHO
19. WV Childhood Immunization Advisory Committee
20. Early Intervention Interagency Coordinating Council (West Virginia)
21. Advisory Board, WV Center for End-of-Life Care
22. Interagency Council on Osteoporosis (West Virginia)
23. State Women's Commission (West Virginia)
24. State Board of Sanitarians (West Virginia)
25. State Emergency Response Commission (West Virginia)
26. WV Air Quality Board
27. State Advisory Committee on Cancer and Tumor Registry (West Virginia)
28. WV Fatality & Mortality Review Team Member Oversight
29. State Sewage Advisory board (West Virginia)
30. WV Commission for Deaf and Hard of Hearing
31. State Groundwater Coordinating Committee (West Virginia)
32. WV Solid Waste Management Board
33. Health Innovation Collaborative (West Virginia)

I have also held unpaid positions on the following select committees and boards (2009-2014):

1. Board of Directors, National Association of County and City Health Officials (NACCHO)
2. Chair, Immunization workgroup committee, NACCHO
3. Executive Committee member (2013-14), NACCHO
4. Chair, Workgroup to review and consider the U.S. Chemical Safety and Hazard Investigation Board Recommendations (2008), WV Public Water Supply System Study Commission
5. Chair, Public Health workgroup, West Virginians for Affordable Health Care
6. Chair, Membership Committee, WV Connecting Communities
7. Chair, Carbon Monoxide Multi-Agency Task Force, West Virginia
8. Chair, H1N1 Influenza Pandemic Multi-Agency Task Force (West Virginia)
9. Co-Chair, Public Health sector, Physical Activity Plan (West Virginia)

10. Member, Congressional Action Network, NACCHO
 11. Past Chair, WV Association of Local Health Departments Health Reform Committee
 12. Board of Directors, WV Community Voices Inc.
 13. Board of Directors, Kanawha County Emergency Ambulance Authority
 14. Board of Directors, Kanawha Dental Council
 15. Board of Directors, State Medical Political Action Committee (West Virginia)
 16. Board of Directors, Medical Professionals Health Program (West Virginia)
 17. President, Kanawha Medical Society
 18. Advisory Committee for Recovery Point of Charleston
 19. Community Engagement and Research Core, Translational Science Institute, West Virginia University
 20. Board member, West Virginians for Affordable Healthcare
 21. Community Partnership Board, Prevention Research Center, West Virginia University
 22. Steering Committee, Kanawha Coalition for Community Health Improvement
 23. Steering Committee, WV Connecting Communities
 24. Steering Committee, WV Summer Policy Institute
 25. Community Services Committee (2010-12), United Way of Central West Virginia
 26. State Delegate, State Medical Association
 27. Governance Committee, United Way of Central West Virginia
 28. Health Administration Section, American Public Health Association (APHA)
 29. Health Reform workgroup, NACCHO
 30. H7N9 and MERS CoV workgroup, NACCHO/CDC
 31. Institutional Review Board, Charleston Health Education and Research Institute
 32. Kanawha County PPACA Task Force
 33. Kanawha County School Wellness Committee
 34. Kanawha-Putnam Emergency Planning Committee
 35. Kanawha County Substance Abuse Task Force
 36. Media Champions Network, NACCHO
 37. Legislative committee, WV State Medical Association
 38. MPH Advisory Board, West Virginia University
 39. Public Relations Committee, NACCHO
 40. Research Advisory Committee, West Virginia State University
 41. School Adolescent Pregnancy Task Force (West Virginia)
 42. Treasurer, WV Community Voices
 43. West Virginia Immunization Network
 44. Public Health Futures Committee
 45. WV State Bureau for Public Health's Public Health Partnership Oversight Committee
 46. WV State Bureau for Public Health Threat Preparedness Oversight Committee
 47. WV State Bureau for Public Health's Vaccine Planning Advisory Committee for 2009 H1N1 vaccine
 48. WV School Based Health Assembly
 49. WV Advisory Committee, TB Control Program
7. **Military Service and Draft Status:** Identify any service in the U.S. Military, including dates of service, branch of service, rank or rate, serial number (if different from social security number) and type of discharge received, and whether you have registered for

selective service.

I have not served in the U.S. military. I am not subject to selective service registration requirements.

8. **Honors and Awards:** List any scholarships, fellowships, honorary degrees, academic or professional honors, honorary society memberships, military awards, and any other special recognition for outstanding service or achievement.

1. Service Award, Public Health Accreditation Board, 2021
2. Outstanding Contribution Award, Eye Foundation of America, 2020
3. "Public Official of the Year" 2018 by Governing Magazine, 2018
4. Featured in the NOVA PBS documentary, "Addiction", 2018
5. Named "West Virginians of the Year" 2017 by Charleston (WV) Gazette-Mail, 2017
6. Civil Rights Day Award, West Virginia Human Rights Commission, 2017
7. Featured in the Netflix documentary, What Lies Upstream, 2017
8. Moderator, Town Hall with Presidential Candidate, Secretary Hilary Clinton, Charleston, WV, 2016
9. Howell Special Meritorious Service to Public Health Award, Southern Health Association, 2016
10. Council Chair Award, Kanawha Medical Society, 2016
11. Featured in documentary, Blood on the Mountain, 2016
12. Milton and Ruth Roemer Prize Award, American Public Health Association, 2015
13. Jay Rockefeller Awardee for Lifetime achievement, West Virginians for Affordable Healthcare, 2015
14. Friends of Children Award, American Academy of Pediatrics, 2015
15. West Virginia Senate Resolution 54, West Virginia Legislature, 2014
16. Outstanding Contribution Award – President Elect – Kanawha Medical Society, 2014
17. Promising Practice Award, National Association of County and City Health Officials, 2014
18. Marie Fallon Award for Public Health Leadership, National Association of Local Boards of Health, 2013
19. Plenary Speaker, 21st Annual Groundhog Breakfast, City of South Charleston, 2013
20. Model Practice Award - 1, National Association of County and City Health Officials, 2013
21. Model Practice Award - 2, National Association of County and City Health Officials, 2013
22. Promising Practice Award - 1, National Association of County and City Health Officials, 2012
23. Promising Practice Award – 2, National Association of County and City Health Officials, 2012
24. Promising Practice Award – 1, National Association of County and City Health Officials, 2011
25. Promising Practice Recognition by University of Minnesota's Center for Infectious Disease Research and Policy, 2011

26. Promising Practice Award – 2, National Association of County and City Health Officials, 2011
 27. Buck Shot Award for Community Outreach by the West Virginia Immunization Network, 2011
 28. Leadership Award, National Association of County and City Health Officials, 2010
 29. Promising Practice Award – 1, National Association of County and City Health Officials, 2010
 30. Promising Practice Award – 2, National Association of County and City Health Officials, 2010
 31. Organizational Leadership Award, State Health Education Council, 2010
 32. Sustainability Planning for Tobacco Control grant by CDC/NACCHO, 2010
 33. Buck Shot Award for Community Outreach by the West Virginia Immunization Network, Jan 2010
 34. Award for Sustaining Local Tobacco Control Programs Initiative, National Association of County and City Health Officials, 2009
 35. Tobacco Control Award for Clean Indoor Air Regulation, Coalition for a Tobacco-Free West Virginia, 2009
 36. Awarded Best Teaching Faculty, graduating medical student class of 2006, UAB – HRMC
 37. Awarded Best Internal Medicine Teaching Faculty, graduating class of residents, 2006, UAB – HRMC
 38. Awarded Best Teaching Faculty, graduating medical student class of 2005, UAB – HRMC
 39. Awarded Best Internal Medicine Teaching Faculty, graduating class of residents, 2005, UAB – HRMC
 40. Elected to Alpha Omega Alpha (AOA) Medical Honor Society, 2005 (Lifetime)
 41. Young Physicians (YPS) Award, American Medical Association, 2002
9. **Bar Associations:** List all bar associations or legal or judicial-related committees, selection panels or conferences of which you are or have been a member, and give the titles and dates of any offices which you have held in such groups.

I am not an attorney.

10. **Bar and Court Admission:**

- a. List the date(s) you were admitted to the bar of any state and any lapses in membership. Please explain the reason for any lapse in membership.

I am not an attorney.

- b. List all courts in which you have been admitted to practice, including dates of admission and any lapses in membership. Please explain the reason for any lapse in membership. Give the same information for administrative bodies that require special admission to practice.

I am not an attorney.

11. Memberships:

- a. List all professional, business, fraternal, scholarly, civic, charitable, or other organizations, other than those listed in response to Questions 9 or 10 to which you belong, or to which you have belonged, since graduation from law school. Provide dates of membership or participation, and indicate any office you held. Include clubs, working groups, advisory or editorial boards, panels, committees, conferences, or publications.

Although I am not an attorney and did not attend law school, below is a list of pertinent memberships. Note that some dates are approximate. Please see resume attached as part of response no. 6 as well for complete list.

- American Medical Association (AMA) (1999 – Present)
- American Association of Physicians of Indian Origin (AAPI) (2002 – Present)
- American College of Physicians (ACP), Fellow (2004 – Present)
- AMA Minority Affairs Section (2004 – Present)
- Alpha Omega Alpha Medical Honor Society (2005 – Present)
- National Minority Quality Forum (2007 – Present)
- West Virginia Health Right Clinic (2009 – Present)
- American Public Health Association (2010 – Present)
- American College of Preventive Medicine (2019 – Present)
- Association of State and Territorial Health Officials (ASTHO) (2015-2018), served on Board of Directors, 2017-2018)
- National Association of County and City Health Officials (NACCHO, 2009-2014, served on Board of Directors 2011 – 2014 and executive committee member 2013 – 2014)
- West Virginians for Affordable Healthcare (2010 – 2018, Chaired, Public Health workgroup 2015-17)
- Southern Health Association (2010 – 2015)
- India Center, Charleston, WV (2010-2016)
- WV State Medical Association (2009 – 2018)
- Kanawha Medical Society (2009 – 2018)
- Internal Medicine Alert Editorial Board (2007 – 2014)

I have also served as a volunteer peer reviewer for the following:

Serving as Peer Reviewer:

- American Journal of Medicine
- Cleveland Clinic Journal of Medicine
- Annals of Family Medicine
- American Board of Internal Medicine
- Journal of General Internal Medicine
- Journal of School Health

- Environmental Health Perspectives
- Preventing Chronic Diseases
- Maternal and Child Health Journal
- Marshall Journal of Medicine

On Editorial Board (Past):

- Internal Medicine Alert – Journal Review Source
- Edorium Journal of Clinical Research – Editor-in-Chief
- Patient Care Medical Journal
- ModernMedicine.com
- Radius Health Magazine

External Reviewer:

National Academies of Sciences, Engineering and Medicine

In addition, I have made financial contributions to charitable organizations over the years. Such organizations may list me as a member by virtue of my financial contribution. I have not listed above any organization to which I simply provided funds and did not otherwise participate in programmatic activities.

- b. Indicate whether any of these organizations listed in response to 11a above currently discriminate or formerly discriminate on the basis of race, sex, religion or national origin either through formal membership requirements or the practical implementation of membership policies. If so, describe any action you have taken to change these policies and practices.

To my knowledge, none of these organizations discriminates or formerly discriminated on the basis of race, sex, religion or national origin either through formal membership requirements or the practical implementation of membership policies.

12. Published Writings and Public Statements:

- a. List the titles, publishers, and dates of books, articles, reports, letters to the editor, editorial pieces, or other published material you have written or edited, including material published only on the Internet. Supply four (4) copies of all published material to the Committee.

I have done my best to identify all books, articles, letters to the editor, editorial pieces and other published material, including through a review of my personal files and searches of publicly available electronic databases.

An addendum is provided that includes all presentations, speeches, and social media as requested. It is over 4,000 pages. It includes downloaded archives from my Twitter account. Several other files have already been linked in response above. In addition, a complete internet search has resulted in over 21,000 hits. An addendum with a spreadsheet containing each of these hits is also attached to this response.

Despite these searches, there may be other materials that I have been unable to identify, find, or remember. I have located the following:

A. Clinical Research

Principal Investigator –

1. Parental attitudes affecting compliance with the recommendation for two doses of 2009 pandemic influenza A (H1N1) vaccine in children less than 10 years of age in the West Virginia (2011). (Study link below under publications.)
2. Relationship of Clean Indoor Air Regulation and Incidence of Hospital Admissions for Acute Coronary Syndrome in Kanawha County, West Virginia (2010-11). (Study link below under publications.)
3. A multicenter, randomized, double-blind, placebo-controlled efficacy study of esomeprazole in patients with sleep disturbances associated with GERD, [Protocol Number D961AC00001](#) (2003-2004).
4. A multicenter, randomized, double-blind, double-dummy, parallel group efficacy study of esomeprazole vs. lansoprazole for the healing of erosive esophagitis (EE), [Protocol Number 322](#) (2002-2004).
5. A multicenter, randomized, double-blind, double-dummy, parallel-group comparison of remission rates for treatment with esomeprazole vs. lansoprazole in healed EE, [Protocol Number 325](#) (2002-2004).
6. A multicenter, randomized, placebo-controlled, double-blind, parallel group trial to evaluate efficacy and tolerability of Zomig nasal spray in adults with migraine, Protocol Number 311CUS/0022 (2002-2003). (Study details not available.)
7. A comparative efficacy and safety of NEXIUM delayed-released capsules vs. Ranitidine for the healing of NSAID associated gastric ulcers, [Protocol Number 285](#) (2002-2003).
8. A comparative efficacy and safety of NEXIUM vs. Placebo for the prevention of gastric ulcers associated with daily NSAID use, [Protocol Number 289](#) (2002-2003).
9. The ZANADU study - A multicenter, randomized, open-label comparison of the effects of zolmitriptan and usual migraine care on work loss, productivity, and patient preference (2002-2003). (Study details not available.)
10. The TREAT Study - A multicenter, randomized, open-label study of Ketek – Phase III trial (2001-2003). (Study details not available.)

11. A randomized, parallel group evaluation of implementing HIT-6 test in general practice on the quality of headache care (2002). (Study details not available.)
12. The SMART study - A double-blind, placebo-controlled, study of asthma outcomes with and without pharmacotherapy with salmeterol (2001-2002). (Study details not available.)
13. The SUMMIT Study - Diagnosis of migraine by imitrex therapy of self or physician diagnosed sinus headache (2001-2002). (Study details not available.)
14. FluStar study - the trends and prevalence of seasonal influenza across the United States (2001). (Study details not available.)
15. ZORRO - Phase IV Study of safety and tolerability of Abacavir (2000). (Study details not available.)

B. Published Manuscripts

1. Global Burden of Disease Cancer Collaboration. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study. [JAMA Oncol.](#) 2019 Dec; 5(12): 1749–1768.
2. Global Burden of Disease 2017 Child and Adolescent Health Collaborators. Diseases, Injuries, and Risk Factors in Child and Adolescent Health, 1990 to 2017: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2017 Study. [JAMA Pediatr.](#) 2019 Jun 1;173(6):e190337. Epub 2019 Jun 3.
3. Bradley H, Hogan V, Agnew-Brune C, Armstrong J, Broussard D, Buchacz K, Burton K, Cope S, Dawson E, De La Garza G, Gerard A, Granado M, Gupta R, et al. Increased HIV diagnoses in West Virginia counties highly vulnerable to rapid HIV dissemination through injection drug use: a cautionary tale. [Ann Epidemiol.](#) 2019 Jun;34:12-17. Epub 2019 Mar 6.
4. Piltch-Loeb R, Savoia E, Wright N, [Gupta R](#), Stoto MA. Facilitated Look-Back Analysis of Public Health Emergencies to Enhance Preparedness: A Brief Report of a Chemical Spill in Charleston, West Virginia. [J Public Health Manag Pract.](#) 2018 Nov/Dec;24(6):E1-E5.
5. GBD 2016 Neurology Collaborators. Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. [Lancet Neurol.](#) 2019 May;18(5):459-480.
6. Gupta R. Overcoming America’s Opioid Epidemic Will Need Action Not Words. Editorial. [Marshall J Med.](#) 2018;4(1):2.

7. GBD Tuberculosis Collaborators. Global, regional, and national burden of tuberculosis, 1990-2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study. [Lancet Infect Dis](#). 2018 Dec;18(12):1329-1349.
8. Global Burden of Disease Cancer Collaboration. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2016: A Systematic Analysis for the Global Burden of Disease Study. [JAMA Oncol](#). 2018 Nov 1;4(11):1553-1568.
9. GBD 2017 Mortality Collaborators. Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. [Lancet](#). 2018 Nov 10;392(10159): 1684–1735.
10. GBD 2017 Causes of Death Collaborators. Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. [Lancet](#). 2018 Nov 10; 392(10159): 1736–1788.
11. GBD 2017 Population and Fertility Collaborators. Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. [Lancet](#). 2018 Nov 10;392(10159):1995-2051.
12. GBD 2017 SDG Collaborators. Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. [Lancet](#). 2018 Nov 10;392(10159):2091-2138.
13. Cowan AJ, Allen C, Barac A, Basaleem H, Bensenor I, Curado MP, Foreman K, Gupta R, et al. Global Burden of Multiple Myeloma: A Systematic Analysis for the Global Burden of Disease Study 2016. [JAMA Oncol](#). 2018 Sep 1;4(9):1221-1227.
14. GBD 2016 Healthcare Access and Quality Collaborators. Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. [Lancet](#). 2018 Jun 2;391(10136):2236-2271.
15. Evans ME, Labuda SM, Hogan V, Gupta R, et al. Notes from the Field: HIV Infection Investigation in a Rural Area - West Virginia, 2017. [MMWR Morb Mortal Wkly Rep](#). 2018 Mar 2;67(8):257-258.
16. Wan S, Teichman PG, Latif D, Boyd J, Gupta R. Healthcare provider perceptions of the role of interprofessional care in access to and outcomes of primary care in an underserved area. [J Interprof Care](#). 2018 Mar;32(2):220-223.

17. Massey J, Kilkenney M, Batdorf S, Sanders SK, Ellison D, Halpin J, Gladden RM, Bixler D, Haddy L, Gupta R. Opioid Overdose Outbreak - West Virginia, August 2016. [MMWR Morb Mortal Wkly Rep](#). 2017 Sep 22;66(37):975-980.
18. GBD 2015 Neurological Disorders Collaborator Group. Global, regional, and national burden of neurological disorders during 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. [Lancet](#). Neurol. 2017 Nov;16(11):877-897.
19. GBD 2016 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. [Lancet](#). 2017 Sep 16; 390(10100): 1260–1344.
20. GBD 2016 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. [Lancet](#). 2017 Sep 16; 390(10100): 1211–1259.
21. GBD 2016 Mortality Collaborators. Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970–2016: a systematic analysis for the Global Burden of Disease Study 2016. [Lancet](#). 2017 Sep 16; 390(10100): 1084–1150.
22. Burden of musculoskeletal disorders in the Eastern Mediterranean Region, 1990–2013: findings from the Global Burden of Disease Study 2013. [Ann Rheum Dis](#). 2017 Aug; 76(8): 1365–1373.
23. GBD 2015 Healthcare Access and Quality Collaborators. Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990–2015: a novel analysis from the Global Burden of Disease Study 2015. [Lancet](#). 2017 Jul 15; 390(10091): 231–266.
24. Global Burden of Disease Health Financing Collaborator Network. Evolution and patterns of global health financing 1995–2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. [Lancet](#). 2017 May 20; 389(10083): 1981–2004.
25. Global Burden of Disease Health Financing Collaborator Network. Future and potential spending on health 2015–40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. [Lancet](#). 2017 May 20; 389(10083): 2005–2030.
26. GBD 2015 Tobacco Collaborators. Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015. [Lancet](#). 2017 May 13;389(10082):1885-1906.

27. Young SA, Gupta R, Neccuzzi J. New Schedule for Administering HPV Vaccinations. [W V Med J](#). 2017 Mar-Apr;113(2):26-7.
28. Global Burden of Disease. Burden of Diarrhea in the Eastern Mediterranean Region, 1990-2013: Findings from the Global Burden of Disease Study 2013. [Am J Trop. Med. Hyg.](#) 2016 Dec 7;95(6):1319-1329.
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C. Official work in the capacity of Commissioner and State Health Officer

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D. Official capacity as local health officer

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https://www.camc.org/sites/default/files/2020-11/2017_Kanawha_County_Community_Health_Assessment_Report.pdf
2. Publication – WV Water Crisis
https://www.researchgate.net/profile/John-Robinson-12/publication/276064182_Self-Reported_Household_Impacts_of_Large-Scale_Chemical_Contamination_of_the_Public_Water_Supply_Charleston_West_Virginia_USA/links/5603fb9408aefaf89ef9d245/Self-Reported-Household-Impacts-of-Large-Scale-Chemical-Contamination-of-the-Public-Water-Supply-Charleston-West-Virginia-USA.pdf?origin=publication_detail

3. Testimony documentation
https://wvecouncil.org/vault/legislative-update/2014/02_07.pdf
4. Board minutes and agenda for public meetings. Searchable database link with dates of service March 16, 2009 to December 31, 2014:
<https://www.kchdwv.org/about-us/board-of-health/>
5. Interview with National Association of City and County Officials (NACCHO), chemical spill, 2015
<https://www.naccho.org/blog/articles/looking-back-to-move-forward-an-interview-with-dr-rahul-gupta>
6. NACCHO – Local strategies, 2013
<https://www.naccho.org/blog/articles/local-strategies-helping-move-aca-forward-in-west-virginia>
7. Expanding Role of Sanitarians, 2011
<https://www.domesticpreparedness.com/healthcare/the-expanding-role-of-sanitarians-in-public-health-emergencies/>
8. Regional Disaster Response Coordination to Support Health Outcomes: Summary of a Workshop Series. Institute of Medicine, 2011
<https://www.ncbi.nlm.nih.gov/books/NBK311262/>
9. Board of Health meeting Minutes (6 meetings per year average) available 2009-2014
<http://kchdwv.org/about-us/board-of-health/>
10. Radio, Water crisis
<https://www.iowapublicradio.org/2014-04-08/water-crisis-not-over-after-west-virginia-chemical-spill>
11. Mentions – water crisis
https://berghahnbooks.com/downloads/OpenAccess/ButtonContextualizing/01_ButtonSchuller.pdf

E. Additional Videos, Radio, etc

1. PBS Nova Documentary, “Addiction”
First aired on September 25, 2018
<https://www.pbs.org/video/addiction-afsxne/>
2. Daily Show with Jon Stewart, 2014
Discussion of the West Virginia Water Crisis
<https://www.cc.com/video/jmzvtv/the-daily-show-with-jon-stewart-f-k-it-s-in-my-backyard>

3. Comcast Newsmakers, 2018
Reducing opioid deaths in West Virginia
<https://comcastnewsmakers.com/Videos/2018/12/31/Reducing-Opioid-Deaths-in-West-Virginia>
4. PBS Social Autopsy, opioids, 2021
Discussion of potential solutions to the opioid crisis
<https://www.pbs.org/video/solutions-18aix2/>
5. What Lies Upstream, 2018
A Documentary film following the 2014 WV Water crisis
<https://www.youtube.com/watch?v=etVRRLfv4c>
6. The Hill Symposium, 2018
America's Opioid crisis and role of technology
<https://www.youtube.com/watch?v=x4akiQhjMx4>
7. Opioid Crisis with Soledad O'Brien, 2017
Trying to do more with less
https://www.youtube.com/watch?v=d2pNtid_Dg0
8. University of Chicago's Institute of Politics, 2018
Panel discussion: Treating America's Opioid Crisis
<https://www.youtube.com/watch?v=w92gjNksk2A>
9. WBUR, Here and Now, 2018
Here's what West Virginia is doing to address the opioid crisis
<https://www.wbur.org/hereandnow/2018/05/11/opioid-crisis-west-virginia>
10. Connections, 2019
Radio program discussing the opioid crisis in America
<https://www.wxxinews.org/post/connections-dr-rahul-gupta-opioid-crisis-america>

WV Public broadcasting - SUD Recovery – Stigma, 2018 public service announcement addressing stigma in recovery
<https://www.youtube.com/watch?v=OcMlo9jB3vs>
11. Opioids - Naloxone, CBS News, February 2017
CBS news story on state's naloxone distribution strategy
<https://www.cbsnews.com/news/west-virginia-distributing-8000-opioid-antidote-kits-in-effort-to-stem-overdoses/>
12. Neonatal Abstinence Syndrome (NAS) story (multiple)
A discussion of the data dissemination regarding NAS

- <https://www.wdtv.com/content/news/5-News-Investigates-Babies-of-the-Epidemic-512806141.html>
- <https://www.wsaz.com/content/news/Have-an-idea-to-solve-drug-crisis-West-Virginia-wants-to-hear-from-you-461371393.html?jwsourc=cl>
13. Opioid settlement, MSNBC, 2019
Lessons learned from opioid settlement funds
<https://www.msnbc.com/ali-velshi/watch/the-opioid-crisis-after-a-big-cash-settlement-what-next-71772229508>
 14. Ohio Valley resource, 2018
The doctor and the epidemic: three years at ground zero of the opioid crisis
<https://ohiovalleyresource.org/2018/10/12/the-doctor-and-the-epidemic-three-years-at-ground-zero-of-the-opioid-crisis/>
 15. Bold Thinker Series: Opioid Response, Abt Associates, 2018
What will it take to solve the crisis
<https://www.abtassociates.com/BoldThinkersSeries/OpioidResponse>
 16. WV American Heart Association public service announcement, 2018
Health Issues Education, 2018
<https://www.youtube.com/watch?v=fROkm2AWHdM>
 17. WV Public broadcasting – Every Life Counts Recovery, 2018
PSA addressing recovery
<https://www.youtube.com/watch?v=u5P-MH2ZxfM>
 18. WV Public broadcasting – Misconception of Addiction Disease, 2018
PSA addressing recovery
<https://www.youtube.com/watch?v=ISDRB6Pbmps>
 19. WV Public broadcasting - Role of recovery, 2018
PSA addressing recovery
<https://www.youtube.com/watch?v=sVI5eBEQZsk>
 20. Fighting the opioid crisis, 2019
<https://www.youtube.com/watch?v=GM1OQBMG9Y8>
 21. Harvard Childhood Obesity Intervention Cost-Effectiveness Study (CHOICES), 2017
Panel Discussion – State and National Data
<https://www.youtube.com/watch?v=33FEpD61BFo>
 - 22.
 23. Blood on the Mountain, 2017
Documentary film
<https://www.youtube.com/watch?v=dyx9diZ0xlo>

24. WV Gov Justice signing Medical Cannabis Bill
<https://wvmetronews.com/2017/04/19/governor-justice-signing-medical-marijuana-bill/>
25. National Association of Chain Drug Stores (NACDS) Foundation interview on flu vaccinations, 2020
<https://www.nacdsfoundation.org/news/nacds-foundation-march-of-dimes-spread-awareness-of-flu-vaccinations-importance-in-collaborative-campaign/>
26. Matter of Fact: State of Addiction Special, WLKY, Soledad O'Brien, 2017
<https://www.wlky.com/article/state-of-addiction-soledad-obrien-hosts-primetime-special-wednesday/12229467>
27. March of Dimes, 2020
COVID-19 Vaccine Trials
<https://www.facebook.com/watch/?v=3881655911921115>
28. COVID-19 and Pregnancy interview, 2020
<https://www.youtube.com/watch?v=tvFUkpH3fZA>
29. Pregnancy and COVID-19 FAQs and interview, 2020
<https://www.youtube.com/watch?v=yCpm85cfYDI>
30. Roll Call Virtual Town Hall, 2020
Panel Discussion, maternal infant health
<https://www.youtube.com/watch?v=UyKUUbQQfc6I>
31. 2014 WV water crisis, PBS interview
<https://www.pbs.org/newshour/show/w-va-residents-reluctant-trust-water-supply-spil>
32. Becker's Review Podcast – Pediatrics, 2021
March of Dimes Mission
<https://www.facebook.com/watch/?v=794732961117443>
33. Dispelling COVID-19 vaccine myths
<https://player.fm/series/the-sifu-mimi-chan-show/ep-228-dr-rahul-gupta-on-dispelling-covid19-vaccine-myths>
34. Served as anchor for 30-minute statewide educational program, "Spotlight on Health" (2011-2014).
Further links available from parent website.
https://www.youtube.com/watch?v=o_ASXzopxlk
<https://www.youtube.com/watch?v=JHluvK7UxG8&t=3s>
<https://www.youtube.com/watch?v=JHluvK7UxG8>
<https://www.youtube.com/watch?v=zSmwUBJE2IO>

- <https://www.youtube.com/watch?v=sL9Xc9uzY-g>
35. Virginia Neonatal Perinatal Collaborative Speaker, 2019
Maternal Mortality Conference
<https://www.youtube.com/watch?v=OUTxUx4rodU>
 36. Zika information video, 2016
West Virginia Department of Health and Human Resources
<https://www.youtube.com/watch?v=8LzudBifA7E>
 37. Zika Pregnancy information, 2016
West Virginia Department of Health and Human Resources
<https://www.youtube.com/watch?v=jeHsQq6R7Ws>
 38. PBS – Legislative session discussion, 2015
Invited guest
<https://www.youtube.com/watch?v=8PwfFRXvjaM>
 39. National Academies of Sciences, Engineering and Medicine (NASEM), 2018
Panelist - Population Health Roundtable
<https://www.youtube.com/watch?v=YUeNuknmjdg>
 40. AARP, 2017
Speaker, Healthcare News Conference on protecting Patients First
<https://www.youtube.com/watch?v=iG5Kz2mjDHk>
 41. McLean Hospital, Boston, 2018
Opioid Conference Speaker
<https://www.youtube.com/watch?v=dUNrua2ZTlo>
 42. Kentucky Medical Association Annual Conference SUD crisis, 2020
Speaker – CME: A look into the future: Exploring the clinical, community and economic implications of substance abuse
<https://www.youtube.com/watch?v=ne1qtNji0DI>
 43. Taking pledge to fight the Flu with children, 2015
West Virginia Department of Health and Human Resources
<https://www.youtube.com/watch?v=nzEFAAcxSyQ>
 44. One Decision, 2018
A short film about opioid addiction
https://www.youtube.com/watch?v=S641Fia_LAg
 45. Healthy Moms Strong Babies Webinar, 2020
Panelist - Expecting a baby during the COVID-19 pandemic
<https://www.youtube.com/watch?v=tDAptp5qbtM>

46. U.S. Department of Health and Human Services Pain Management Task Force, 2018
Speaker – Current Perspectives
<https://www.youtube.com/watch?v=RQkn7c9TEMo>

47. WV Water crisis, 2014 (Spanish)
<https://www.youtube.com/watch?v=7mkuAMvlp8o>

48. March of Dimes, Measles, 2019
<https://www.youtube.com/watch?v=ROQQ4UZYbVk>

49. U.S. House Committee on Oversight and Government Reform, Congressional
Testimony, hearing entitled, ““A Sustainable Solution to the Evolving Opioid Crisis:
Revitalizing the Office of National Drug Control Policy” May 17, 2018

Testimony: - Short version
<https://www.youtube.com/watch?v=7NBIS-m8r1A&t=3s>

Full Testimony
https://www.youtube.com/watch?v=1_njcKPV1fk

50. NPR Morning Edition, 2014
West Virginia Water Crisis
<https://www.npr.org/transcripts/269006655>

51. Video Testimony to the WV Joint Legislative Oversight Commission, 2014
West Virginia Water Crisis
<https://www.youtube.com/watch?v=UzpCN0jIetA>

52. Video Testimony to WV Legislature, 2016
Modernization of public health systems – Public Health Impact Task Force and
proposed legislation
<https://www.youtube.com/watch?v=dwnykZwo78A>

53. Third party website:
<https://rahulguptamd.com/>

- b. Supply four (4) copies of any reports, memoranda or policy statements you prepared or contributed in the preparation of on behalf of any bar association, committee, conference, or organization of which you were or are a member. If you do not have a copy of a report, memorandum or policy statement, give the name and address of the organization that issued it, the date of the document, and a summary of its subject matter.

I have done my best to identify any reports, memoranda, or policy statements I have prepared or contributed to, including through a review of my personal files and searches of

publicly available electronic databases. I have located the following:

Testified before U.S. House Education and Labor Committee Hearing: “Examining Threats to Workers with Preexisting Conditions”, Feb 06, 2019

https://edlabor.house.gov/imo/media/doc/Testimony_Gupta020619.pdf

West Virginia Opioid Response Plan, 2018

<https://dhhr.wv.gov/bph/Documents/ODCP%20Response%20Plan%20Recs/Opioid%20Response%20Plan%20for%20the%20State%20of%20West%20Virginia%20January%202018.pdf>

Issued [West Virginia Medical Cannabis Advisory Board Report and Recommendations](#) to the West Virginia Legislature on Feb. 21, 2018

Overdose fatality analysis, 2017

https://dhhr.wv.gov/bph/Documents/ODCP%20Reports%202017/2016%20West%20Virginia%20Overdose%20Fatality%20Analysis_004302018.pdf

State HIV epidemiological profile, 2017

https://oeeps.wv.gov/hiv-aids/Documents/data/WV_HIV_Epi_Profile_2017.pdf

West Virginia historical review of drug overdose deaths, 2001-2015

https://dhhr.wv.gov/oeeps/disease/ob/documents/opioid/wv-drug-overdoses-2001_2015.pdf

- c. Supply four (4) copies of any testimony, official statements or other communications relating, in whole or in part, to matters of public policy or legal interpretation, that you have issued or provided or that others presented on your behalf to public bodies or public officials.

I have done my best to identify any testimony, official statements, or other communications related, in whole or in part, to matters of public policy or legal interpretation, including through a review of my personal files and searches of publicly available electronic databases. I have located the following:

- Testified before U.S. House Education and Labor Committee Hearing: “Examining Threats to Workers with Preexisting Conditions”, Feb 06, 2019
https://edlabor.house.gov/imo/media/doc/Testimony_Gupta020619.pdf
- Testified before U.S. House Oversight and Government Reform Committee Hearing: “A Sustainable Solution to the Evolving Opioid Crisis: Revitalizing the Office of National Drug Control Policy”, May 17, 2018
<https://docs.house.gov/Committee/Calendar/ByEvent.aspx?EventID=108311>
- Submitted written statement for the record for U.S. House of Representatives Committee on Transportation and Infrastructure field hearing entitled, “The Charleston, West

Virginia Chemical Spill,” Charleston, WV, February 10, 2014. However, I cannot locate a copy of the statement, and the statement is not found on the hearing web site:

<https://docs.house.gov/Committee/Calendar/ByEvent.aspx?EventID=101712>

- Submitted written statement for the record for U.S. Senate Environment and Public Works Subcommittee on Water and Wildlife hearing entitled, “Examination of the Safety and Security of Drinking Water Supplies Following the Central West Virginia Drinking Water Crisis,” February 4, 2014. However, I cannot locate a copy of the statement, and the statement is not found on the hearing web site:
<https://www.epw.senate.gov/public/index.cfm/hearings?ID=8CCDAFF7-CDC6-8A6F-CA6E-A7017498083C>
- d. Supply four (4) copies, transcripts or recordings of all speeches or talks delivered by you, including commencement speeches, remarks, lectures, panel discussions, conferences, political speeches, and question-and-answer sessions. Include the date and place where they were delivered, and readily available press reports about the speech or talk. If you do not have a copy of the speech or a transcript or recording of your remarks, give the name and address of the group before whom the speech was given, the date of the speech, and a summary of its subject matter. If you did not speak from a prepared text, furnish a copy of any outline or notes from which you spoke.

I have done my best to identify transcripts or recordings of all speeches or talks delivered, including through a review of my personal files and searches of publicly available electronic databases. I frequently speak without notes or speak from a handwritten outline. I did not retain the majority of the handwritten outlines and have attached all that I could find. Despite my searches, there may be other materials I have been unable to identify, find, or remember. I could recall the following, and if a link is not provided, I do not have a record of that event:

1. The Polysubstance Use and Drug Overdose Crisis and the Way Forward
NAADAC, Advocacy in Action Conference, virtual presentation
April 13, 2021
2. National Governor’s Association – OSAN
Best Practices for Substance Use Disorder
April 13, 2021
3. Podcast: Combatting vaccine hesitancy
March 20, 2021
<https://www.listennotes.com/top-episodes/rahul-gupta/>
4. Information Playground - Podcast
March 27, 2021
<https://anchor.fm/theinformationplayground/episodes/The-Information-Playground-with-Dr--Rahul-Gupta-and-Ron-Bush-etkr44>

5. Global Disparities
Wilson Center
March 24, 2021
6. Global Maternal and Infant Health
Venice Forum speaker
March 24, 2021
7. Us & Them: NPR
Exposing Racial Inequities
February 25, 2021
<https://www.npr.org/podcasts/403537626/us-them>
8. Podcast: Pregnancy
Feb 20, 2021
<https://www.listennotes.com/top-episodes/rahul-gupta/>
9. Health Policy and Public Health Lecture on Drug Policy
Georgetown U Medical School
February 18, 2021
10. OBGYN Grand Rounds Speaker
Valleywise/St. Joseph Residents and Faculty
Creighton University Medical School
Phoenix, AZ
February 12, 2021
11. Podcast: Becker's Healthcare
Jan 30, 2021
<https://www.listennotes.com/top-episodes/rahul-gupta/>
12. Podcast: Yoga and Pregnancy and Birth defects
Jan 27, 2021
<https://www.listennotes.com/top-episodes/rahul-gupta/>
13. Podcast: Pregnancy, Parenting & Politics
January 15, 2021
<https://podcasts.apple.com/us/podcast/pregnancy-parenting-politics/id1057397861?l=es>
14. Podcast: Health Equity & Implicit Bias – American Health Association
November 19, 2020
<https://www.listennotes.com/top-episodes/rahul-gupta/>
15. Congressional Briefing: March of Dimes Report Card
November 17, 2020

16. Pan American health Organization - Latin American Center for Perinatology & Reproductive Health Conference
October 27, 2020
17. Rolling Out COVID-19 Vaccine Seminar
Wilson Center
October 15, 2020
18. Leadership, Crisis and Risk Communication
T.H. Chan Harvard School of Public Health, Boston, MA
September 15, 2020
19. Look into clinical, community and economic future of substance use crisis
Kentucky Medical Association Annual Meeting
August 30, 2020
20. Building Vaccine Infrastructure
National press Foundation
August 10, 2020
<https://nationalpress.org/topic/building-a-vaccine-infrastructure/>
21. Congressional Briefing: America's Two Public Health Crises: The Impact of COVID-19 On Racial Inequities & Maternal Mortality in the U.S.”
May 07, 2020
22. Global Maternal and Infant Health
PGI Chandigarh Grand Rounds
November 26, 2019
23. HELA Conference – Prematurity Call to Action
Morehouse School of Medicine, Atlanta, GA
September 27, 2019
24. Leadership, Crisis and Risk Communication
T.H. Chan Harvard School of Public Health, Boston, MA
September 19, 2020
25. West Virginia Healthcare Summit
Inequities in Maternal Outcomes
August 24, 2019
26. International Perspective on Infectious Diseases
National Press Foundation
July 31, 2019
<https://nationalpress.org/topic/worldwide-immunizations/>

27. National Council of State Legislatures
Maternal health and Substance Use Disorder
June 24, 2019
28. Rochester Museum and Science Center
Opioid crisis & March of Dimes
June 07, 2019
29. Data 2 Action Meeting
Best Practices and Cautionary Tales – Opioid Crisis
April 18, 2019
30. West Ed Conference
Opioid Crisis
March 19, 2019
31. Tri-State Symposium – Opioid Crisis
Cincinnati, OH
March 02, 2019
32. Lecture – Health Policy – Drug Policy
Georgetown U. Medical School
March 08, 2019
33. Panel on Opioid Crisis
University of Chicago Institute of Politics
April 17, 2018
<https://www.youtube.com/watch?v=w92gjNksk2A>
34. What will it Take to Solve the Opioid Crisis
Abt Associates
October 30, 2018
<https://www.abtassociates.com/BoldThinkersSeries/OpioidResponse>
35. Leadership, Crisis and Risk Communication
T.H. Chan Harvard School of Public Health, Boston, MA
February 02, 2018
36. Keynote Speaker, “Global Blindness Prevention”, Rotary International,
Vijaywada, India, October 27, 2017 (scheduled)
37. Keynote Speaker, “State of Opioid Addiction”, Appalachian Addiction
Conference, Charleston, WV, October 20, 2017

38. Panel Speaker, “States and Territories responding to the opioid crisis”, ASTHO Annual meeting, Washington, D.C., September 20, 2017
39. Testimony to the Committee on Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia, The National Academies of Sciences, Engineering and Medicine Meeting, Washington D.C., July 12, 2017
40. Panel Speaker, “Got Water? Community preparation and response to Water-related Emergencies and Outbreaks”, National Environmental Health Association Annual Meeting, Grand Rapids, MI, July 11, 2017
41. Panelist Speaker, “The Opioid Crisis: Paths Forward”, The Federal Reserve Bank of Cleveland, Cleveland, OH, June 22, 2017
42. Panelist Speaker, “Health Equity and National Accreditation”, ASTHO webinar on Public Health Department Accreditation to Advance Health for All, June 16, 2017
43. Panelist Speaker, “HIV/AIDS, Hepatitis C and the Opioid Crisis: Interconnected Epidemics in America”, amfAR (The Foundation for AIDS Research) roundtable, Senate Hart Office, Washington, DC, June 14, 2017
44. Keynote Speaker, Annual Healthcare Preparedness Academy Conference, Fredericksburg, VA, May 31, 2017
45. Speaker and co-host, Dr. Tom Price, USDHHS Secretary and Kellyanne Conway, Advisor to President, “Roundtable on Opioid Crisis”, Charleston, WV, May 9, 2017
46. Faculty presentation, “Leadership, Crisis and Risk Communication”, T.H. Chan Harvard School of Public Health, Boston, MA, November 14, 2016
<https://www.hsph.harvard.edu/ecpe/programs/applied-risk-communication-for-the-21st-century/>
47. Grand Rounds Speaker, “Mental Health Implications on Public Health”, WVU Department of Psychiatry, Morgantown, November 2, 2016
48. Invited Speaker, “State Approach to the Opioid Epidemic – Transforming Communities”, WV Leadership Summit, The Greenbrier, October 27, 2016
49. Partner speaker and activity event with Actress Jennifer Garner for Save the Children highlighting post flooding adverse childhood events, Elkview, WV, July 17, 2016

50. Moderator for Presidential Candidate, Hillary Clinton Town Hall on “Substance use disorder and Addiction”, Charleston, WV, May 3, 2016
51. Keynote Speaker, “Public Health Landscape in Appalachia”, Kentucky Public Health Association 69th Annual Conference, Owensboro, KY, April 12, 2016
52. Keynote Speaker, “Perspectives in Global Health”, Solutions for a Better Life Conference, University of Sharjah, UAE, February 21, 2016
<http://www.sharjah.ac.ae/en/Media/Conferences/SFBL/Pages/ms.aspx>
53. Faculty presentation, Applied Risk Communication for the 21st Century Seminar, T.H. Chan Harvard School of Public Health, Boston, MA, September 28-30, 2015
54. Grand Rounds Speaker, “Inter-disciplinary Approach to the Development of Sound Scientific Support”, Johns Hopkins Bloomberg School of Public Health, Dept. of Environmental Health: Baltimore, MD, October 10, 2014
55. Keynote Speaker, “Wellness and Water”, 3rd Annual Conference, October 3-4, 2014, Charleston, WV
56. Invited Speaker, “Stay Healthy, Live Longer”, Annual Women’s Health Conference, Highmark Blue Cross Blue Shield, September 27, 2014, Charleston, WV
57. Invited Speaker, “Utilizing Research to Move Forward”, Association for Professionals in Infection Control and Epidemiology, September 19, 2014, Charleston, WV
58. Invited Speaker, “Learning From the Elk River Chemical Spill: Applying Science to Guide Decisions”, Clinical Laboratory Management Association/Society for Clinical Laboratory, September 18, 2014, Charleston, WV
59. Plenary Speaker, “2014 West Virginia water contamination event”, Minnesota State Association of Emergency Managers: September 17, 2014, Breezy Point, MN
60. Panelist, and workshop facilitator, “Regional Disaster Response Coordination to Support Health Outcomes”, National Academy of Sciences’ (NAS), Institute of Medicine (IOM), July 24, 2014, Minneapolis, MN
61. National Association of County and City Health Officials (NACCHO) Annual Conference, Atlanta, GA. July 8-10, 2014: Plenary Session, “Multi-disciplinary Approach to the Development of Sound Scientific Support: The West Virginia Experience”

62. National Association of County and City Health Officials (NACCHO) Annual Conference, Atlanta, GA. July 8-10, 2014: “Disruptive Innovation in Public Health - Creating Operational Efficiencies through Shared Governance”
63. National Association of County and City Health Officials (NACCHO) Annual Conference, Atlanta, GA. July 8-10, 2014: “Affording the Affordable Care Act - How to Develop a Sustainable Billing Practice in your Local Health Department”
64. National Association of County and City Health Officials (NACCHO) Annual Conference, Atlanta, GA. July 8-10, 2014: “Merging Public Health and Food Safety Awareness Using a Mobile Application”
65. National Association of County and City Health Officials (NACCHO) Annual Conference, Atlanta, GA. July 8-10, 2014: “Comprehensive Tobacco Control Policies in West Virginia - Going From Intersection to Integration”
66. National Association of County and City Health Officials (NACCHO) Annual Conference, Atlanta, GA. July 8-10, 2014: “Using the Lean Program to Improve Efficiency in Environmental Health Services.”
67. Invited Speaker, Harvard School of Public Health Preparedness Forum, Boston, June 2, 2014
68. Grand Rounds: Women’s and Children Hospital, WVU/CAMC: WV Water Crisis, March 2014
69. Key Note Speaker: University of Charleston School of Pharmacy Rho Chi Honor Society Induction, April 2013
70. American Public Health Association (APHA) Annual Conference, Boston, MA. November, 2013: “When Disaster Strikes, There's an App for That”
71. American Public Health Association (APHA) Annual Conference, Boston, MA. November, 2013: “A sustainability model for school-located influenza vaccine clinics: The dollars and “sense” of billing private insurers”
72. American Public Health Association (APHA) Annual Conference, Boston, MA. November, 2013: “Innovative Approaches in Public Health Nutrition”
73. Invited Speaker: WV Landlord Association Annual meeting, March 2013: Environmental impact on health
74. Local strategies helping move ACA forward in West Virginia: Invited Blog, March 21, 2013. Public Health Newswire, APHA

75. Invited Speaker: South Charleston Chamber of Commerce 21st Annual Groundhog Breakfast, February 2013: Business costs of ill-health
76. Grand Rounds in Public Health: West Virginia University School of Medicine, November 2012: Health Officer's view of public health challenges in WV
77. American Public Health Association (APHA) Annual Conference, San Francisco, CA. October, 2012: "Remaining Non-political in a Political World: A social networking-based media model to directly connect with the public"
78. American Public Health Association (APHA) Annual Conference, San Francisco, CA. October, 2012: "Reducing absenteeism in a county school system through school-based influenza vaccination clinics"
79. American Public Health Association (APHA) Annual Conference, San Francisco, CA. October, 2012: "Promoting public health initiatives and legislation through targeted health screening and education of elected officials"
80. Featured in Faces of Public Health, Robert Wood Johnson Foundation, Budgetary Challenges in Public Health, August 2012
81. National Association of County and City Health Officials (NACCHO) Annual Conference, Los Angeles, CA. July 11-13, 2012: "KEYS 4 Health Kids – childhood obesity project in WV funded by the Robert Wood Johnson Foundation"
82. National Association of County and City Health Officials (NACCHO) Annual Conference, Los Angeles, CA. July 11-13, 2012: "Improved school attendance by providing School-Located Vaccine Influenza Clinics"
83. National Association of County and City Health Officials (NACCHO) Annual Conference, Los Angeles, CA. July 11-13, 2012: "WV Legislative Wellness Project"
84. Panelist: National Academy of Sciences' (NAS), Institute of Medicine (IOM) study on future of Public Health, April 2012, Raleigh, NC
85. American Public Health Association (APHA) Annual Conference, Washington D.C. October-November, 2011: "School Vaccinations: Promoting Population Health"

86. American Public Health Association (APHA) Annual Conference, Washington D.C. October-November, 2011: "Reducing Exposure to Environmental Tobacco Smoke"
 87. National Association of County and City Health Officials (NACCHO) Annual Conference, Hartford, CT. July 20-22, 2011: "Clean Indoor Air Regulation and Incidence of Hospital Admissions for Acute Coronary Syndrome in Kanawha County, WV"
 88. Moderator and Panelist: Public Health Preparedness in Institutions, West Virginia's Homeland Security Summit, Huntington, WV, June 2011
 89. National Bioethics Conference, All India Institute of Medical Sciences, New Delhi, November 17-20, 2010: Equity, ethics and justice from rising racial disparity in breast cancer mortality amongst elderly Tennesseans
 90. Panelist, National Academy of Sciences' (NAS') Forum on Medical and Public Health Preparedness for Catastrophic Events workshop, Institute of Medicine, April 2010
 91. Workshop Presenter: Public Health Preparedness National Summit, Atlanta, GA. February 2010: "Expanding Role of Sanitarian in a Public Health Emergency"
 92. Key Note Speaker: University College of Medical Sciences Physician Internship Class, January 2007, Delhi, India: Evidence Based Medicine
- e. List all interviews you have given to newspapers, magazines or other publications, or radio or television stations, providing the dates of these interviews and four (4) copies of the clips or transcripts of these interviews where they are available to you.

I have done my best to identify all interviews given, including through a review of my personal files, and searches of publicly available electronic databases. Despite my searches, there may be other materials that I have been unable to identify, find, or remember. I have located the following. These items are in addition to pertinent items that I have listed in response to other parts of question no. 12 above:

1. PR Newswire, April 08, 2021
<https://www.prnewswire.com/news-releases/march-of-dimes-step-up-challenge-aims-to-raise-critical-funds-for-march-for-babies-a-mother-of-a-movement-301264771.html>
2. US News and World Report, April 06, 2021
<https://www.usnews.com/news/health-news/articles/2021-04-06/good-news-on-pregnant-women-and-the-covid-vaccine>

3. Bloomberg Law, Opioids, February 25, 2021
<https://news.bloomberglaw.com/health-law-and-business/in-birth-and-death-opioid-crisis-to-leave-mark-long-after-covid>
4. COVID-19 and Polio, USA Today, December 25, 2020
<https://www.usatoday.com/story/news/health/2020/12/25/covid-19-vaccine-owes-much-jonas-salks-polio-vaccine-trial/3989733001/>
5. Health Day, Dad's Health, December 23, 2020
<https://consumer.healthday.com/12-21-dads-health-linked-to-odds-of-pregnancy-loss-in-moms-to-be-2649520570.html>
6. History Channel, Polio and COVID, December 03, 2020
<https://www.history.com/news/salk-polio-vaccine-shortages-problems>
7. CBS Affiliate, Report Card – MI, November 22, 2020
<https://wwmt.com/news/local/michigans-2020-march-of-dimes-report-card-score-shows-concerns-for-moms-babies>
8. Metro News, Report Card - WV, Nov 16, 2020
<https://wvmetronews.com/2020/11/16/new-march-of-dimes-report-ranks-west-virginia-near-bottom-for-maternal-and-infant-health/>
9. New Security Beat, COVID-19 vaccine, October 23, 2020
<https://www.newsecuritybeat.org/2020/10/building-bridges-develop-safe-effective-covid-19-vaccine/>
10. US World News and World Report, Postpartum depression, October 29, 2020
<https://www.usnews.com/news/health-news/articles/2020-10-29/for-some-women-postpartum-depression-lingers-for-years>
11. Op-Ed, USA Today, October 09, 2020
<https://www.usatoday.com/story/opinion/2020/10/09/covid-19-and-polio-vaccines-what-1950-could-teach-us-today-column/3586538001/>
12. PRN Newswire, NAS treatment, June 03, 2020
<https://www.prnewswire.com/news-releases/katana-pharmaceuticals-awarded-up-to-1-05-million-innovative-challenge-grant-from-march-of-dimes-to-support-the-development-of-a-novel-non-opioid-treatment-for-neonatal-abstinence-syndrome-301069761.html>
13. LA Times, Pregnancy and substance use disorder, November 14, 2019
<https://www.latimes.com/science/story/2019-11-14/when-pregnant-women-who-abuse-opioids-are-treated-like-criminals-their-babies-suffer>

14. Charleston Gazette, Pill shipments, July 27, 2019
https://www.wvgazettemail.com/news/health/chain-drug-stores-brought-millions-of-opioids-to-wv-as-overdoses-surged/article_258d176e-c87d-5c96-bd29-2402dc844b30.html
15. Op-ed Tennessean, not criminalize pregnancy and SUD, March 28, 2019
<https://www.tennessean.com/story/opinion/contributors/2019/03/28/tennessee-legislators-shouldnt-prosecute-moms-drug-exposed-babies/3066976002/>
16. Governing, New approach to healthcare, August 22, 2018
<https://www.governing.com/archive/A-New-Approach-to-Health-Care.html>
17. Med Page Today, Laced with fentanyl, June 17, 2018
<https://www.medpagetoday.com/primarycare/opioids/74071>
18. Fierce Healthcare, Technology key to opioid crisis, June 20, 2018
<https://www.fiercehealthcare.com/tech/opioid-epidemic-telehealth-pdmp-eprescribing-congress>
19. WBUR, Social Autopsy, May 11, 2018
<https://www.wbur.org/hereandnow/2018/05/11/opioid-crisis-west-virginia>
20. Politico, Opioid work profiled, May 02, 2018
<https://www.politico.com/magazine/story/2018/05/02/west-virginia-opioids-immigrant-doctor-solution-218118/>
21. NY Times, Solving Opioid Crisis, February 14, 2018
<https://www.nytimes.com/interactive/2018/02/14/upshot/opioid-crisis-solutions.html>
22. Register Herald, Costs of autopsies in opioid crisis, January 28, 2018
https://www.register-herald.com/news/autopsies----one-of-the-unseen-costs-of-the-opioid-epidemic/article_22e17386-2776-5237-976d-1787ac07e688.html
23. Profiled, New Yorker, Evan Osnos, 2014
<https://www.newyorker.com/magazine/2014/04/07/chemical-valley>

13. **Public Office, Political Activities and Affiliations:**

- a. List chronologically any public offices you have held, other than judicial offices, including the terms of service and whether such positions were elected or appointed. If appointed, please include the name of the individual who appointed you. Also, state chronologically any unsuccessful candidacies you have had for elective office or unsuccessful nominations for appointed office.

I have not run for public office. However, I have held the following positions appointed by public officials:

1. Executive Director and Health Officer, Kanawha-Charleston Health Department, 2009-2014.
I was appointed by the Kanawha-Charleston Board of Health
2. Executive Director and Health Officer, Putnam County Health Department, 2013-2014.
I was appointed by the Putnam County Board of Health
3. Commissioner, Bureau for Public Health, and State Health Officer, Department of Health and Human Resources, State of West Virginia, 2015-16.
I was appointed by Secretary Karen Bowling
4. Commissioner, Bureau for Public Health, and State Health Officer, Department of Health and Human Resources, State of West Virginia, 2017-18.
I was appointed by Secretary Bill Crouch

- b. List all memberships and offices held in and services rendered, whether compensated or not, to any political party or election committee. If you have ever held a position or played a role in a political campaign, identify the particulars of the campaign, including the candidate, dates of the campaign, your title and responsibilities.

I have not held a position or played a formal role in a political campaign.

14. **Legal Career:** Answer each part separately.

- a. Describe chronologically your law practice and legal experience after graduation from law school including:

- i. whether you served as clerk to a judge, and if so, the name of the judge, the court and the dates of the period you were a clerk;

I have not clerked for a judge.

- ii. whether you practiced alone, and if so, the addresses and dates;

I am not an attorney.

- iii. the dates, names and addresses of law firms or offices, companies or governmental agencies with which you have been affiliated, and the nature of your affiliation with each.

I am not an attorney.

- iv. Whether you served as a mediator or arbitrator in alternative dispute resolution proceedings and, if so, a description of the 10 most significant matters with which you were involved in that capacity.

I have not served as a mediator or arbitrator.

b. Describe:

- i. the general character of your law practice and indicate by date when its character has changed over the years.

I am not an attorney.

- ii. your typical clients and the areas at each period of your legal career, if any, in which you have specialized.

I am not an attorney.

- c. Describe the percentage of your practice that has been in litigation and whether you appeared in court frequently, occasionally, or not at all. If the frequency of your appearances in court varied, describe such variance, providing dates.

- i. Indicate the percentage of your practice in:

1. federal courts: _____%
2. state courts of record: _____%
3. other courts: _____%
4. administrative agencies: _____%

- ii. Indicate the percentage of your practice in:

1. civil proceedings: _____%
2. criminal proceedings: _____%

I am not an attorney.

- d. State the number of cases in courts of record, including cases before administrative law judges, you tried to verdict, judgment or final decision (rather than settled), indicating whether you were sole counsel, chief counsel, or associate counsel.

- i. What percentage of these trials were:

1. jury: _____%
2. non-jury: _____%

I am not an attorney.

- e. Describe your practice, if any, before the Supreme Court of the United States.

Supply four (4) copies of any briefs, amicus or otherwise, and, if applicable, any oral argument transcripts before the Supreme Court in connection with your practice.

I am not an attorney.

15. **Litigation**: Describe the ten (10) most significant litigated matters which you personally handled, whether or not you were the attorney of record. Give the citations, if the cases were reported, and the docket number and date if unreported. Give a capsule summary of the substance of each case. Identify the party or parties whom you represented; describe in detail the nature of your participation in the litigation and the final disposition of the case. Also state as to each case:
- a. the date of representation;
 - b. the name of the court and the name of the judge or judges before whom the case was litigated; and
 - c. the individual name, addresses, and telephone numbers of co-counsel and of principal counsel for each of the other parties.

I am not an attorney.

16. **Legal Activities**: Describe the most significant legal activities you have pursued, including significant litigation which did not progress to trial or legal matters that did not involve litigation. Describe fully the nature of your participation in these activities. List any client(s) or organization(s) for whom you performed lobbying activities and describe the lobbying activities you performed on behalf of such client(s) or organizations(s). (Note: As to any facts requested in this question, please omit any information protected by the attorney-client privilege.)

I am not an attorney.

17. **Teaching**: What courses have you taught? For each course, state the title, the institution at which you taught the course, the years in which you taught the course, and describe briefly the subject matter of the course and the major topics taught. If you have a syllabus of each course, provide four (4) copies to the committee.

Please see list below. Note that I have not taught any courses on a full-time basis since March 16, 2009. In addition, from time to time, I have been asked to serve as a guest lecturer at educational institutions on various topics, which I have in response to Question 12(d) above.

Adjunct Professor 2019 – Present
Department of Medicine

Georgetown University Medical Center, Washington D.C.

Visiting Faculty 2015 – Present

T.H. Chan School of Public Health,
Harvard University, Boston, MA

Adjunct Professor 2015 – Present

Department of Health Policy, Management and Leadership,
School of Public Health, West Virginia University

Visiting Lecturer 2014 – Present

Department of Environmental Health and Engineering
Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD

Associate Professor 2011 – Present

University of Charleston School of Pharmacy, Charleston, WV

Clinical Teaching Faculty 2010 – 2019

Charleston Area Medical Center, Charleston, WV

Clinical Assistant Professor 2010 – 2015

West Virginia University School of Medicine, Charleston Campus

Assistant Professor of Medicine 2007 – 2009

Meharry Medical College, Nashville, TN
Vanderbilt University, Nashville, TN
Veterans Administration, Nashville, TN

Assistant Professor of Medicine 2004 – 2007

University of Alabama-Birmingham, Huntsville, AL

18. **Deferred Income/ Future Benefits:** List the sources, amounts and dates of all anticipated receipts from deferred income arrangements, stock, options, uncompleted contracts and other future benefits which you expect to derive from previous business relationships, professional services, firm memberships, former employers, clients or customers. Describe the arrangements you have made to be compensated in the future for any financial or business interest.

I have indicated anticipated income on Part 3 of my financial disclosure form required under the Ethics in Government Act.

19. **Outside Commitments During Service:** Do you have any plans, commitments, or agreements to pursue outside employment, with or without compensation, during your service? If so, explain.

In order to maintain my medical license and certifications, I will provide volunteer

medical services for West Virginia Health Right during my service.

20. **Sources of Income:** List sources and amounts of all income received during the calendar year preceding your nomination and for the current calendar year, including all salaries, fees, dividends, interest, gifts, rents, royalties, licensing fees, honoraria, and other items exceeding \$500 or more (if you prefer to do so, copies of the financial disclosure report, required by the Ethics in Government Act of 1978, may be substituted here).

Please see the financial disclosure report, required by the Ethics in Government Act of 1978.

21. **Statement of Net Worth:** Please complete the attached financial net worth statement in detail (add schedules as called for).

See attached Net Worth Statement.

22. **Potential Conflicts of Interest:**

- a. Identify the family members or other persons, parties, affiliations, pending and categories of litigation, financial arrangements or other factors that are likely to present potential conflicts-of-interest when you first assume the position to which you have been nominated. Explain how you would address any such conflict if it were to arise.

During the nomination process, I consulted with the Office of Government Ethics and the Office of National Drug Control Policy's Designated Agency Ethics Officer to identify any potential conflicts. These potential conflicts are identified in my Ethics Agreement dated July 16, 2021, that was previously submitted to the Judiciary Committee. If I am confirmed, I will take the steps outlined in my Ethics Agreement, including recusing myself from any matter in which recusal is required.

- b. Explain how you will resolve any potential conflict of interest, including the procedure you will follow in determining these areas of concern.

If I am confirmed, any potential conflict of interest will be resolved in accordance with the terms of the July 16, 2021, Ethics Agreement that I have entered with the Office of National Drug Control Policy's Designated Agency Ethics Officer. If confirmed, I will continue to consult with my agency ethics office and will recuse myself from any matter in which recusal is required.

23. **Pro Bono Work:** An ethical consideration under Canon 2 of the American Bar Association's Code of Professional Responsibility calls for "every lawyer, regardless of professional prominence or professional work load, to find some time to participate in serving the disadvantaged." Describe what you have done to fulfill these responsibilities, listing specific instances and the amount of time devoted to each. If you are not an attorney, please use this opportunity to report significant charitable and volunteer work

you may have done.

Although I am not an attorney, throughout my career I have been committed to performing *pro bono* healthcare practice on a voluntary basis on my own time. I have served as an Attending Volunteer Physician for West Virginia Health Right from 2009 to the present. West Virginia Health Right provides comprehensive healthcare services to impoverished uninsured/underinsured adults regardless of insurance or financial status.