Rahul Gupta, MD, MPH, MBA

PROFESSIONAL EXPERIENCE

Attending Physician 2009 – Present
Health Right Charitable Clinic, Charleston, WV

- Internist at clinic providing 50,000+ visits per year
- Lead voice for education and prevention efforts
- Clinical teaching of residents and students
- Use clinical methods to improve safety/outcomes
- Lead quality improvement methods in clinic

President Feb 2025 – Present
GATC Health
Irvine, CA

- Lead an AI-driven tech-bio company in drug discovery, precision medicine and predictive analytics including clinical trials
- Partner with academic institutions to provide a groundbreaking platform for research, enabling faster and more accurate studies in genomics and drug discovery
- Collaborate with investors to de-risk investments in drug targets, candidates and pipelines with trial simulation of human physiology capabilities

Director (Presidential appointment with Senate confirmation) Nov 2021 – Jan 2025
Office of National Drug Control Policy
Executive Office of the President
The White House

- Serve as the principal spokesperson for the President of the United States on drug policy
- Provide annual budget oversight for $44 billion and coordinate programs, policy and actions across 19 federal agencies including FDA, NIH, CDC, SAMHSA and DOJ
- Develop and implement President's National Drug Control Policy
- Lead complex networks of stakeholders (local, national and global) including healthcare systems towards stated outcomes to strengthen U.S. national public health response to the opioid crisis
- Lead international negotiations and engagements, including the launch of a 150-nation global coalition and meetings with heads of states
- Testify before the U.S. Senate and Congressional oversight committees in both classified and unclassified settings
- Responsible for leading change resulting in historical declines (>27%) in drug overdose deaths, improvements in affordable access to treatment and building a recovery ready nation. Overall estimated >165,000 American lives saved in past 4 years.

Visiting Faculty 2015 – Present
T.H. Chan School of Public Health
Harvard University
Boston, MA

Clinical Professor 2019 – Present
Department of Medicine
Georgetown University School of Medicine
Washington DC

International Visiting Professor 2025 – Present
BCRMRC Medical College,
IIT Kharagpur

Chief Medical & Health Officer Nov 2018 – Oct 2021
Senior Vice President
March of Dimes, Inc
Arlington, VA

- Develop and manage an annual budget of $100-140 million
- Collaborate closely with Board of Trustees creating an accountable, inclusive and transparent organization that maintains strong relationships
- Lead clinical programs, policy and advocacy prioritizing maternal and child health including health disparities across markets and healthcare systems
- Mobilize and manage enterprise-wide national and global efforts including research, education, advocacy, and service programs
- Provide direction and oversight to the federal and state government affairs Team
- Partner with World Health Organization and other stakeholders to create a global movement

Interim Chief Scientific Officer May 2020 – Oct 2021
March of Dimes, Inc
Arlington, VA

- Collaborate with venture capital, private equity and relevant stakeholders to create and lead significant business and transformational change in research portfolios resulting in significant savings
- Develop and fund ($80 million portfolio) world-wide Prevention Research Centers at academic centers (Stanford, U. Penn, U. Chicago, UCSF, Ohio and Imperial College) with focus on extramural discovery science
- Lead research and innovation projects globally in maternal and infant healthcare especially around early detection, diagnosis, and management
- Collaborate with scientific community and key investors on developing research agenda
- Create and fund young investigators awards and grants including partnership with Historically Black Colleges

Commissioner and State Health Officer Jan 2015 – Nov 2018
Bureau for Public Health
State of West Virginia

- Serve as the chief executive, fiscal and administrative health official of the state overseeing public health and healthcare systems
- Annual direct budget oversight for $260 million and indirect oversight for $5.2 billion
- Establish state's first Office of Minority Health
- Collaborate with hospitals, healthcare systems and the legislature to create sustainable financial models
- Commission and publish state-level reports on key public health trends and surveillance including cancer, communicable and non-communicable diseases
- Provide guidance and leadership for state's Public Health Laboratory, the Center for Threat Preparedness, Office of Epidemiology and Prevention Services, Chief Medical Examiner's Office, the Health Statistics Center, and state's Emergency Services
- Oversee state's public health and regulatory efforts per statutory obligations and significant achievements including tobacco tax
- Support establishment of state's first School of Public Health
- Service as Chair of the Dean's committee for community engagement

Executive Director and Health Officer Mar 2009 – Dec 2014
Kanawha-Charleston Health Department
Putnam County Health Department (2012-2014)
Charleston, WV

- Lead the largest local public health department in state in areas of disease prevention, environmental protection, emergency preparedness & response, access to care, health promotion and policy development
- Serve as the primary community health leader for two counties
- Collaborate with local, state and national partners on prevention and mitigation of chronic health conditions and communicable diseases
- Annual direct budget oversight for $5.5 million

Assistant Professor of Medicine Aug 2007 – Feb 2009
Meharry Medical College, Nashville, TN
Vanderbilt University, Nashville, TN
Veterans Administration, Nashville, TN

- Lead physician role for the only public hospital in the region serving marginalized population; community lead for internal medicine residency program
- Develop quality assurance clinical models
- Develop assessment methodology and patient safety protocols
- Collaborate with ACGME for IM residency program
- Create cross-organization models of shared services and matrixed structures with Vanderbilt University to support novel revenue streams

- Service on the joint Institutional Review Board and other governing structures to build stakeholder community and drive financial outcomes

Assistant Professor of Medicine Mar 2004 – April 2007
University of Alabama-Birmingham
Huntsville, AL

- Hospitalist-physician serving as lead for the institution's family medicine residency program at a tertiary care hospital
- Collaborate with residency program on ACGME efforts
- Develop practice-based learning and improvement methods
- Create significant organizational improvements resulting in cost-savings to the Health Center by engaging various stakeholders

CEO, Private Practice Feb 2000 – Mar 2004
Florala Medical Clinic
Florala, AL

- Successful 3,000-patient self-funded private practice with significant revenue stream
- Service as first Director of Florala Health & Rehabilitation, LLC following successful community-wide efforts for Certificate of Need approval
- Significant financial outcomes for the local hospital following innovative strategies' implementation

ADDITIONAL ACADEMIC AND OTHER EXPERIENCE

Adjunct Professor 2015 – 2021
Department of Health Policy, Management and Leadership,
School of Public Health, West Virginia University
Morgantown, WV

- Curriculum on cancer epidemiology and prevention
- Roundtable initiatives included focus on highest prevalent cancers in state: colon, lung, breast and prostate cancers

Secretary 2015 - 2018
West Virginia Board of Medicine

- Support licensure, disciplinary, other requirements
- Lead creation of coordinated Information System
- Success on Interstate Medical Licensure Compact

President 2016 – 2017
West Virginia State Medical Association
- Significant growth in membership
- Collaborate with American Medical Association

Researcher, Global Health Research Portfolio 2014 – 2021
Institute for Health Metrics Evaluation,
Global Burden of Disease Collaborator Network
University of Washington, Seattle, WA
- Publish data on cancer across 204 countries

Associate Professor 2011 – 2021
University of Charleston School of Pharmacy
Charleston, WV

PROFESSIONAL TRAINING AND EDUCATION

Global Master of Business Administration 2014 - 2016
Area: Innovation & Technology Management (with Honors)
London School of Business and Finance, UK

Certificate Program - State Health Leadership Initiative July 2015
Kennedy School of Government
Harvard University, Cambridge, MA

Master of Public Health 2005 - 2006
Area: Healthcare Organization & Policy (Magna Cum Laude)
University of Alabama-Birmingham, AL

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

Post Graduate Diploma in Tuberculosis and Chest Diseases 1994 – 1996
University of Delhi, India

Medical School 1988 – 1993
University College of Medical Sciences
University of Delhi, India

BOARD CERTIFICATION, MEDICAL LICENSURE AND SECURITY CLEARANCE

American Board of Internal Medicine Certified 1999
Recertified 2009, 2019

Active Medical License
Virginia, West Virginia

Inactive Medical License
Tennessee, Alabama, Florida, and Illinois

Security Clearance
Top Secret with Sensitive Compartmented Information; Granted Nov 2021; Active Status

PROFESSIONAL SOCIETY MEMBERSHIPS (Past and Present)

- Alpha Omega Alpha Medical Honor Society
- American College of Physicians (ACP), Fellow
- American Public Health Association (APHA)
- Association of State and Territorial Health Officials (ASTHO)
- American Medical Association (AMA)
- American College of Preventive Medicine
- American Association of Physicians of Indian Origin (AAPI)
- American College of Preventive Medicine (ACPM)
- National Association of County and City Health Officials (NACCHO, 2009-2015)
- AMA Minority Affairs Consortium (AMA-MAC)
- National Minority Quality Forum

EDITORIAL DUTIES

Serving as Peer Reviewer:

- Journal of American Medical Association
- 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

SELECT SERVICE, AWARDS & HONORS

---

1. SCALE Community Podcast Award in Innovation (2026)
2. Board of Trustee, SAFE Foundation
3. Board of Trustee, Knoa Foundation
4. Film Participant, “The New Gold Standard: Cutting Edge Science That's Replacing Animal Testing” - 2026 PBS documentary film executive produced and narrated by Emmy-winning actor Edie Falco.
5. Serve as public health expert witness and consultant including the opioid epidemic.
6. Recipient of Telly Award (2025), an international accolade that honors excellence in video and television
7. Featured on the cover of West Virginia Executive Magazine, February 2025 edition: state's premier business publication.
8. Carole W. Samuelson 2024 Endowed Lecture in Public Health Practice, UAB School of Public Health, April 2024.
9. American Medical Association Awards for Outstanding Government Service Member of the Executive Branch by Presidential Appointment, 2023.
10. Alumni of the Year Award recipient, UAB School of Public Health, 2022.
11. Dr. Rahul Gupta Outstanding Public Health Leadership Award established by Kanawha-Charleston Health Dept. 2022.
12. Named “Public Official of the Year” 2018 by Governing Magazine
13. Featured in the NOVA PBS documentary, “Addiction”.

14. Named “West Virginians of the Year” 2017 by Charleston Gazette-Mail - the state's largest Pulitzer winning newspaper.

15. 2017 Civil Rights Day Award by West Virginia Human Rights Commission for outstanding contributions in the areas of civil rights, human rights and the betterment of citizens

16. Featured in the Netflix documentary, What Lies Upstream, 2017

17. Moderator, Town Hall with Presidential Candidate, Secretary Hilary Clinton, May 2016, Charleston, WV.

18. 2016 Howell Special Meritorious Service to Public Health Award by the Southern Health Association

19. Successfully advocated to the Obama administration to fund the National Academy of Sciences (2016) to conduct a review of the health impacts of surface mining in United States

20. Featured in documentary, Blood on the Mountain, 2016

21. 2015 Milton and Ruth Roemer Prize Awardee for Creative Local Public Health Work by the American Public Health Association

22. 2015 Jay Rockefeller Awardee for Lifetime achievement, West Virginians for Affordable Healthcare

23. 2014 West Virginia Senate Resolution 54: Recognition of public health efforts in state by the West Virginia Legislature

24. Promising Practice Award by NACCHO for Change the Future WV “Fresh Fruit and Vegetable Initiative”, 2014

25. 2013 Marie Fallon Award for Public Health Leadership, NALBOH

26. Model Practice Award, NACCHO, 2013: Dollars and Sense of School Clinics

27. Model Practice Award, NACCHO, 2013: Social Marketing in public health

28. Promising Practice Award by NACCHO for “Kanawha County CLEAN”, 2012

29. Promising Practice Award by NACCHO for sustaining New Programs in Public Health: "A Work in Progress”, 2012

30. Promising Practice Award by NACCHO for utilizing Public-Private partnerships to Build Sustainable Community Resilience, 2011

31. Promising Practice Recognition by University of Minnesota’s Center for Infectious Disease Research and Policy, February 2011

32. Promising Practice Award by NACCHO for sustaining New Programs in Public Health: "A Work in Progress", 2011
33. Buck Shot Award for Community Outreach by the WV Immunization Network, Jan 2011
34. NACCHO's Leadership Award for Healthy Communities Policy Academy, July 2010
35. Promising Practice Award by NACCHO for the H1N1 influenza Task Force and community partnership efforts in Kanawha County, May 2010
36. Promising Practice Award by NACCHO for Social Marketing Campaign on tobacco control efforts in Kanawha County, May 2010
37. Organizational Leadership Award, State Health Education Council, April 2010
38. Sustainability Planning for Tobacco Control grant by CDC/NACCHO, Jan 2010
39. Buck Shot Award for Community Outreach by the WV Immunization Network, Jan 2010
40. NACCHO award for Sustaining Local Tobacco Control Programs Initiative, October 2009
41. Tobacco Control Award for Clean Indoor Air Regulation by the Coalition for a TobaccoFree West Virginia, October 2009
42. Awarded Best Teaching Faculty by the graduating medical student class of 2006, UAB – HRMC
43. Awarded Best Internal Medicine Teaching Faculty by the graduating class of residents, 2006, UAB – HRMC
44. Awarded Best Teaching Faculty by the graduating medical student class of 2005, UAB – HRMC
45. Awarded Best Internal Medicine Teaching Faculty by the graduating class of residents, 2005, UAB – HRMC
46. Elected to Alpha Omega Alpha (AOA) Medical Honor Society, 2005
47. Awarded AMA Young Physicians (YPS) Policy Promotion Grant, 2002

SERVICE ON GOVERNING BOARDS & SELECT COMMITTEES (2015-2021)

1. Member, National Advisory Council for Healthcare Research and Quality
2. Member, Promotion & System Change Subcommittee, Driving Value through the Next Generation of Quality Committee, National Quality Forum Task Force

3. Advisory Board, America's Health Rankings

4. Task Force on Research Specific to Pregnant Women and Lactating Women (ad hoc), Advisory Committee to the Secretary of Health and Human Services (established via the 21st Century Cures Act)

5. The National Academies of Sciences, Engineering, and Medicine Committee on the Review of Specific Programs in the Comprehensive Addiction and Recovery Act (CARA)

6. Steering Committee for the National Center for Fatality Review and Prevention

7. Advisor, Knowledge Synthesis Committee, Evidence Based Preparedness project, Emergency Preparedness Research, Evaluation and Practice Program, Harvard TH Chan School of Public Health

8. Board of Directors, National Public Health Accreditation Board

9. Steering Committee, National Quality Forum on Population Health

10. Steering Committee, Institute for Health Metrics Evaluation

11. Board of Trustees, SAFE Project US

12. Board of Trustees, National Youth Science Foundation

13. Member, Advisory Board, WV Herbert Henderson Office of Minority Affairs

14. Health Financing Experts Team, Global Burden of Disease Collaborator Network

15. Health of Women and Children Advisory Committee, America's Health Rankings

16. Governor's Advisory Council on Substance Use Disorder

17. Governor's Task Force, Public Employees Insurance Agency

18. Chairman, WV Public Water Supply System Study Commission

19. Board of Directors, ASTHO

20. Alternate Delegate – 2017, American Medical Association

21. Leadership Council Chair, West Virginia University School of Public Health

22. Public and Population Health Advisory Group, National Academy for State Health Policy

23. Chair, ASTHO Prevention Policy Committee

24. Chair, ASTHO Tobacco Forum

25. WV Water Development Authority

26. Chair, Public Health Advisory Council

27. Chair, Medical Cannabis Advisory Board

28. Board of Directors, WV Poison Control Center

29. WV Infrastructure and Jobs Development Council

30. Appalachian States Low-level Radioactive Waste Commission

31. Government Affairs Committee, ASTHO

32. WV Childhood Immunization Advisory Committee

33. Early Intervention Interagency Coordinating Council

34. Advisory Board, WV Center for End-of-Life Care

35. Interagency Council on Osteoporosis

36. State Women's Commission

37. State Board of Sanitarians

38. State Emergency Response Commission

39. WV Air Quality Board

40. State Advisory Committee on Cancer and Tumor Registry

41. WV Fatality & Mortality Review Team Member Oversight

42. State Sewage Advisory board

43. WV Commission for Deaf and Hard of Hearing

44. State Groundwater Coordinating Committee

45. WV Solid Waste Management Board

46. Health Innovation Collaborative

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).

2. Relationship of Clean Indoor Air Regulation and Incidence of Hospital Admissions for Acute Coronary Syndrome in Kanawha County, West Virginia (2010-11).

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 trail to evaluate efficacy and tolerability of Zomig nasal spray in adults with migraine, Protocol Number 311CUS/0022 (2002-2003).

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).

10. The TREAT Study - A multicenter, randomized, open-label study of Ketek – Phase III trial (2001-2003).

11. A randomized, parallel group evaluation of implementing HIT-6 test in general practice on the quality of headache care (2002).

12. The SMART study - A double-blind, placebo-controlled, study of asthma outcomes with and without pharmacotherapy with salmeterol (2001-2002).

13. The SUMMIT Study - Diagnosis of migraine by imitrex therapy of self or physician diagnosed sinus headache (2001-2002).

14. FluStar study - the trends and prevalence of seasonal influenza across the United States (2001).

15. ZORRO - Phase IV Study of safety and tolerability of Abacavir (2000).

PUBLISHED MANUSCRIPTS

---

1. Gupta R. Nation's Response to the Substance Use Crisis. N C Med J. 2024 Aug;85(5):313-316.

2. Gupta R, Wright NF, Holtgrave DR. A 2023 Agenda for Substance Use Prevention and Treatment in the US. JAMA. 2023 Mar 7;329(9):707-708.

3. Gupta R, Holtgrave DR, Ashburn MA. Xylazine - Medical and Public Health Imperatives. N Engl J Med. 2023 Jun 15;388(24):2209-2212.

4. Gupta R, Holtgrave DR, Ashburn MA. Medical and Public Health Imperatives of Xylazine. Reply. N Engl J Med. 2023 Aug 24;389(8):771-772.

5. Gupta R, Holtgrave DR. US Tracking System for Nonfatal Drug Overdoses-Reply. JAMA. 2022 Nov 22;328(20):2068-2069.

6. Ashburn MA, Holtgrave DR, Baum RJ, Gupta R. Establishing an Approach for Designation of Evolving and Emerging Drug Threats. Health Secur. 2023 MayJun;21(3):239-241.

7. Johnson C, Catlin M, Sinow L, Gupta R, Holtgrave DR. States' Methods for Capturing and Reporting Local Responses to Suspected Nonfatal Drug Overdoses. JAMA. 2023 Mar 7;329(9):761-763.

8. Gupta R, Levine RL, Cepeda JA, Holtgrave DR. Transforming Management of Opioid Use Disorder with Universal Treatment. N Engl J Med. 2022 Oct 13;387(15):1341-1344.

9. Johnson CE, Holtgrave DR, Catlin M, Gupta R. Effects of States' Methods for Estimating Nonfatal Overdose, United States, 2021. Public Health Rep. 2025 Jan-Feb;140(1):32-39.

10. Global Burden of Disease Cancer Collaboration. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and DisabilityAdjusted 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. Gupta R. Overcoming America's Opioid Epidemic Will Need Action Not Words. Editorial. Marshall J Med. 2018;4(1):2.

16. 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.

17. Global Burden of Disease Cancer Collaboration. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and DisabilityAdjusted 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.

18. 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.

19. GBD 2017 Causes of Death Collaborators. Global, regional, and national age-sexspecific 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.

20. 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.

21. 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. Massey J, Kilkenny 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.

27. 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.

28. 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.

29. 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.

30. 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.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. Young SA, Gupta R, Neccuzi J. New Schedule for Administering HPV Vaccinations. W V Med J. 2017 Mar-Apr;113(2):26-7.

37. 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.

38. Global Burden of Disease. Health in times of uncertainty in the eastern Mediterranean region, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet Glob Health. 2016 Oct;4(10):e704-13.

39. GBD 2015 Maternal Mortality Collaborators. Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1775-1812.

40. GBD 2015 Child Mortality Collaborators. Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1725-1774.

41. GBD 2015 Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1659-1724.

42. Gupta R, Young SA. Comprehensive medical exemption process for immunizations protects patients. WV Med J. 2016;112(1):18-19.

43. GBD 2015 DALYs and HALE Collaborators. Global, regional, and national disability adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1603-1658.

44. GBD 2015 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1545-1602.

45. GBD 2015 Mortality and Causes of Death Collaborators. Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1459-1544.

46. GBD 2015 SDG Collaborators. Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet. 2016;388(10053):1813-1850.

47. Schade CP, Gupta R, Jha A, Wright N. Persistent distress after water contamination. WV Med J. 2016;112(5):40-46.

48. GBD 2015 HIV Collaborators. Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015. Lancet HIV. 2016;3(8):e361-87.

49. GBD 2013 Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet. 2015;386(10010):2287-323.

50. Atkins AD, Gupta R. Public Health Impact Task Force: West Virginia's Call to Action. WV Med J. 2015;111(6):11. More information available here.

51. GBD 2013 DALYs and HALE Collaborators. Global, regional, and national disability adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. Lancet. 2015;386(10009):2145-91.

52. Gupta R, Douglas J. Food safety during power outages. WV Med J. 2015;111(5):50-51.

53. Savoia E, Stoto MA, Gupta R, Wright N, Viswanath K. Public response to the 2014 chemical spill in West Virginia: knowledge, opinions and behaviours. BMC Public Health. 2015;15:790.

54. Global Burden of Disease Study 2013 Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet. 2015;386(9995):743-800.

55. Gupta R, Neccuzi JJ. Pediatric patients need your help. WV Med J. 2015;111(4):47.

56. Whelton AJ, McMillan L, Connell M, Kelley KM, Gill JP, White KD, Gupta R, et al. Residential Tap Water Contamination Following the Freedom Industries Chemical Spill: Perceptions, Water Quality, and Health Impacts. Environ. Sci. Technol. 2015;49(2):813–823.

57. Schade CP, Wright N, Gupta R, Latif DA, Jha A, Robinson J. Self-reported household impacts of large-scale chemical contamination of the public water supply, Charleston, West Virginia, USA. PLoS One. 2015;10(5):e0126744.

58. Gupta R, Rockwell SL. Stroke – A time critical condition. WV Med J. 2015;111(3):43.

59. GBD 2013 Mortality and Causes of Death Collaborators. Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 19902013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet. 2015;385(9963):117-71.

60. Gupta R. Treating Diabetes May Impact Thyroid Status. Abstract and Commentary. Internal Medicine Alert. 2014;36(23):177-178.

61. Gupta R. Who is shopping for you? Abstract and Commentary. Internal Medicine Alert. 2014;36(21):161-163.

62. Gupta R. Do telephone- and internet-based communications with patients increase office visits? Abstract and Commentary. Internal Medicine Alert. 2014;36(19):145-147.

63. Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet. 2014;384(9947):1005-70.

64. Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet. 2014;384(9947):980-1004.

65. Global, regional, and national levels of neonatal, infant, and under-5 mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet. 2014 Sep 13;384(9947):957-79.

66. Gupta R. Should the physician go where the Sun does not? Abstract and Commentary. Internal Medicine Alert. 2014;36(16):121-122.

67. Sawhney M, Wright N, Gupta R. Comprehensive Tobacco Control Policies in West Virginia – Going From Intersection to Integration. WV Med J. 2014;110(4):22-28.

68. Gupta R. For seniors, regular exercise provides disability benefits. Abstract and Commentary. Internal Medicine Alert. 2014;36(13):99-100.

69. Gupta R. Primary nonadherence to prescription drugs widespread. Abstract and Commentary. Internal Medicine Alert. 2014;36(11):83-84.

70. Gupta R. Another ill of prescription opioids. Abstract and Commentary. Internal Medicine Alert. 2014;36(9):68-69.

71. Whelton AJ, Gupta R. What we've learned from the WV water crisis. PE. August/September 2014. NSPE.

72. Gupta R. When two is better than one. Abstract and Commentary. Internal Medicine Alert. 2014;36(8):57-58.

73. Gupta R. Best prescription strategy for acute sore throat. Abstract and Commentary. Internal Medicine Alert. 2014;36(7):49-51.

74. Gupta R. Do compression stockings prevent post-thrombotic syndrome? Abstract and Commentary. Internal Medicine Alert. 2014;36(5):33-34.

75. Gupta R. Safety of testosterone questioned. Abstract and Commentary. Internal Medicine Alert. 2013:35(23):177-179.

76. Gupta R. The many emotions of the heart. Abstract and Commentary. Internal Medicine Alert. 2013:35(21):162-164.

77. Gupta R. ARBs in diabetes – Some good, some better. Abstract and Commentary. Internal Medicine Alert. 2013:35(20):155-156.

78. Gupta R. Is it 'Low T' or 'Low E' or both? Abstract and Commentary. Internal Medicine Alert. 2013:35(19):145-147.

79. Gupta R. Fluoroquinolones and the risk of acute kidney injury – Abstract and Commentary. Internal Medicine Alert. 2013:35(17):129-130.

80. Gupta R. Role of fish oil in secondary cardiovascular prevention – Abstract and Commentary. Internal Medicine Alert. 2013:35(15):113-114.

81. Gupta R. Healthy physicians equal healthy patients – Abstract and Commentary. Internal Medicine Alert. 2013:35(10):73-74.

82. Gupta R. Does MRI have your patient's back? – Abstract and Commentary. Internal Medicine Alert. 2013:35(8):57-59.

83. Gupta R, Alkhateeb FA, Latif DA, Farley KN. 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. WV Med J. 2013;109(2):10-14.

84. Gupta R. Not everything that can be counted counts – Abstract and Commentary. Internal Medicine Alert. 2013:35(7):51-52.

85. Gupta R. Does persistent subclinical hypothyroidism put the elderly at cardiovascular risk? – Abstract and Commentary. Internal Medicine Alert. 2013:35(3):17-18.

86. Gupta R. Daily coffee consumption-A new frontier in diabetes prevention – Abstract and Commentary. Internal Medicine Alert. 2013:35(1):1-3.

87. Gupta R. Patients should take a break from being sedentary – Abstract and Commentary. Internal Medicine Alert. 2012:34(24):188-189.

88. Gupta R. Some antihypertensives may raise lip cancer risk – Abstract and Commentary. Internal Medicine Alert. 2012:34(20):153-154.

89. Gupta R. Risk of falls and major bleeds when on oral anticoagulants – Abstract and Commentary. Internal Medicine Alert. 2012:34(18):139-140.

90. Gupta R. Studying the issue of off-label prescribing in primary care – Abstract and Commentary. Internal Medicine Alert. 2012:34(15):115-116.

91. Gupta R. Eyeing another risk from bisphosphonates – Abstract and Commentary. Internal Medicine Alert. 2012:34(13):99-100.

92. Gupta R. Antipsychotics and the risk of myocardial infarction in elderly with dementia – Abstract and Commentary. Internal Medicine Alert. 2012:34(11):81-82.

93. Gupta R. Short-term prescriptions for analgesics can lead to long-term use – Abstract and Commentary. Internal Medicine Alert. 2012:34(9):67-69.

94. Gupta R. The changing paradigm in estimating the risk of cardiovascular disease – Abstract and Commentary. Internal Medicine Alert. 2012:34(7):50-52.

95. Gupta R. The changing heart rate may hold the key to life – Abstract and Commentary. Internal Medicine Alert. 2012:34(3):20-21.

96. Gupta R. Early referral of the chronic kidney disease patient is good practice – Abstract and Commentary. Internal Medicine Alert. 2012:34(2):9-11.

97. Gupta R. Enhancing Community Partnerships during a Public Health Emergency: The School-Located Vaccination Clinics Model in Kanawha County, WV during the 2009 Influenza A (H1N1) Pandemic. WV Med J. 2011;107(6):28-34.

98. Gupta R. Recommending the appropriate physical activity to your patients – Abstract and Commentary. Internal Medicine Alert. 2011:33(22):169-170.

99. Scherger JE, Gupta R. Response to the letter to the editor on early referral for chronic kidney disease patients. Internal Medicine Alert. 2012:34(8):63.

100. Gupta R. Vitamin E is not the Panacea for this ill – Abstract and Commentary. Internal Medicine Alert. 2011:33(21):164-165.

101. McCabe B, Gupta R. The Importance of a School of Public Health to West Virginia. WV Med J. 2011;107(5):8-10.

102. Gupta R. Replacing warfarin for atrial fibrillation treatment – A foregone conclusion! – Abstract and Commentary. Internal Medicine Alert. 2011:33(20):153-155.

103. Gupta R. Constipation, Cardiovascular Disease, and the Connection – Abstract and Commentary. Internal Medicine Alert. 2011:33(18):137-138.

104. Radcliffe R, Meites E, Briscoe J, Gupta R, et al. Severe methicillin-susceptible Staphylococcus aureus infections associated with epidural injections at an outpatient pain clinic. Am J Infect Control. 2012;40(2):144-9.

105. Gupta R. Family history and cancer: The need to update – Abstract and Commentary. Internal Medicine Alert. 2011:33(15):115-117.

106. Gupta R, Shah M, Reese CM. Steroid Induced Spinal Epidural Lipomatosis - Case study and literature review. WV Med J. 2011;107(4):20-22.

107. Gupta R. Does being obese matter if you have Medicare? – Abstract and Commentary. Internal Medicine Alert. 2011:33(14):105-106.

108. Gupta R. That cup of Joe affects your prostate cancer risk – Abstract and Commentary. Internal Medicine Alert. 2011:33(11):82-84.

109. Gupta R, Luo J, Anderson RH, et al. Clean Indoor Air Regulation and Incidence of Hospital Admissions for Acute Coronary Syndrome in Kanawha County, West Virginia. Prev Chr Dis. 2011;8(4):A77.

110. Gupta R. What would you do, Doc? – Abstract and Commentary. Internal Medicine Alert. 2011:33(10):73-75.

111. Gupta R. make no bones about nitroglycerin – Abstract and Commentary. Internal Medicine Alert. 2011:33(6):44-46.

112. Gupta R. The short and long of measuring blood pressure in your office – Abstract and Commentary. Internal Medicine Alert. 2011:33(6):41-43.

113. Gupta R. For thyroid, right medication at the right time makes a difference – Abstract and Commentary. Internal Medicine Alert. 2011:33(2):9-11.

114. Gupta R. The Expanding Role of Sanitarians in Public Health Emergencies. Dom Prep J. 2011;7(5):9-12.

115. Gupta R. Your patients live longer when discharged with home care after hemiarthroplasty – Abstract and Commentary. Internal Medicine Alert. 2010:32(19):147148.

116. Gupta R. One screening question to help identify drug use – Abstract and Commentary. Internal Medicine Alert. 2010:32(17):109-110.

117. Gupta R. Beta blockers as cardiopulmonary agents: Benefits may not be limited to CVD – Abstract and Commentary. Internal Medicine Alert. 2010:32(16):123-124.

118. Gupta R. High dose vitamin D and risk of falls – Abstract and Commentary. Internal Medicine Alert. 2010:32(13):100-101.

119. Gupta R. How much physical activity to avoid weight gain? – Abstract and Commentary. Internal Medicine Alert. 2010:32(10):77-78.

120. Gupta R. Prevent retail clinics from taking over your practice – Abstract and Commentary. Internal Medicine Alert. 2010:32(8):60-61.

121. Gupta R, Isaac B, Briscoe J. A local health department's school-located vaccination clinics experience with H1N1 pandemic influenza vaccine. J Sch Health. 2010;80(7):325.

122. Gupta R. Unaware of best practices for low back pain management? You're not alone – Abstract and Commentary. Internal Medicine Alert. 2010:32(7):50-51.

123. Gupta R, Farley K. Using Community-Based Partnerships to Conduct School-Located H1N1Vaccination Clinics. NACCHO Exchange. 2010;9(2):8-9.

124. Gupta R. Chest CT Angiography for diagnosing pulmonary embolism – Too much info? – Abstract and Commentary. Internal Medicine Alert. 2010:32(3):188-189:21-21.

125. Gupta R. Planning for H1N1 Influenza Pandemic – Are our hospitals Ready? – Abstract and Commentary. Internal Medicine Alert. 2009:31(24):188-189.

126. Gupta R. Which Seasonal Flu Vaccine Is More Efficacious — The Shot or the Nasal Spray?– Abstract and Commentary. Internal Medicine Alert. 2009:31(22):169-171.

127. Gupta R. Do Physicians Believe in Shared Decision Making for Prostate Cancer Screening?– Abstract and Commentary. Internal Medicine Alert. 2009:31(21):161-163.

128. Gupta R. Can the internet control your asthma? – Abstract and Commentary. Internal Medicine Alert. 2009;31(18):140-141.

129. Gupta R. How to Get More Smokers to Quit? – Abstract and Commentary. Internal Medicine Alert. 2009;31(13):97-98.

130. Gupta R. Statins in Primary Prevention of Cardiovascular Disease — Are We Ready?– Abstract and Commentary. Internal Medicine Alert. 2009;31(8):57-59.

131. Gupta R. Gene based Medicine – primetime yet? – Abstract and Commentary. Internal Medicine Alert. 2009;31(6):42-43.

132. Gupta R. Role of long-term secondary prevention after MI – Abstract and Commentary. Internal Medicine Alert. 2008;30(24):186-188.

133. Gupta R. An update on tiotropium for COPD – Abstract and Commentary. Internal Medicine Alert. 2008;30(21):163-165.

134. Gupta R. The effect of race, culture and values on the patient-physician relationship – Abstract and Commentary. Internal Medicine Alert. 2008;30(19):147-148.

135. Wargo KA, Wright B, Gupta R. Utility of Fluoroquinolones in the critically ill. J Pharm Prac. 2008;21:346-355.

136. Gupta R, Wargo KA. Review article – Nosocomial Pneumonia. J Pharm Prac. 2008;21:380-389.

137. Gupta R. Could PSA screening be harmful? – Abstract and Commentary. Internal Medicine Alert. 2008;30(17):129-131.

138. Gupta R. Should women quit smoking now or wait? – Abstract and Commentary. Internal Medicine Alert. 2008;30(12):91-92.

139. Gupta R, Pivovirov I, Wakefield DN. New Rash, Old Foe – AGEP. Am J Med. 2008;121(3):193-5.

140. Gupta R. Can your patient's socio-economic statuses have an adverse effect on you? – Abstract and Commentary. Internal Medicine Alert. 2008;30(4):28-29.

141. Gupta S, Gupta R. Lead Toxicity – Photo Quiz. Am Fam Phys. 2007; 76(9):1361-63.

142. Gupta R. An update on the new CDC HIV guidelines – Review Article. Patient Care J. 2007;21-28.

143. Gupta R. Overdose from an acetaminophen preparation; Case & Comment. Patient Care J. 2006;57-58.

144. Gupta R. Headaches – What are they? Radius Magazine. Winter 2006 issue.

145. Gupta R, Gupta S. Reversible posterior leucoencephalopathy syndrome. Int Med J. 2006;36:62-63.

146. Gupta R, Wargo KA. Neuroleptic Malignant Syndrome: No longer exclusively a neuroleptic phenomenon – A literature review. J Pharm Tech. 2005;21:262-70.

147. Gupta R, Wargo KA. Rifampin-induced thrombotic thrombocytopenic purpura. Ann Pharmacother. 2005;39(10):1761-2.

148. Gupta R. No single hour guideline fits all resident training situations. Am Med News – February 14, 2005.

149. Gupta R. Insured but not protected. Let's get efficient in healthcare delivery instead of blaming inadequate insurance. Health Aff – eLetter, June 2005.

150. Gupta R, Gupta S. Atopic Dermatitis – Case Report and Photo Quiz. Am Fam Phys 2003;67(11):2363-5.

151. Gupta R. Left Wrist pain – A case report. Consultant. 2003.

152. Gupta R. Oncologic emergencies: Superior vena cava syndrome. Cleve Clin J Med. 2002;69:744.

153. Gupta R, Gupta S. Strategies in the treatment of migraine - Letter. Mayo Clin Proc. 2002;77:876.

154. Gupta R. The effect of explicit financial incentives on physician behavior. Arch Intern Med. 2002;162:612.

155. Gupta R. Medicine needs a different approach. West J Med. eLetter April 2002.

156. Gupta R. Aortic Dissection – Photo Clinic. Consultant. 2001;41:1533.

157. Gupta R. Graduate Medical Education – Response to medical debate. Medical Crossfire. June 2001:3:25-26.

158. Gupta R. A role for vendors in DM programs. Managed Care. September 2001:10.

159. Gupta R. On winning over the difficult patient. Med Econ. Jan 08, 2001, online publication.

160. Gupta R. Easing the burden of blood pressure monitoring. Post Grad Med. 2000;108:62.

161. Gupta R. Forearm and facial edema in a 64 year-old man – A case report. Patient Care. 2000;34:74-75.

Textbook Author:

- Solving Population Health Problems Through Collaboration: Book Chapter 3, Taylor & Francis. Catalog: K28947; ISBN: 978-1-4987-6305-9. Accessible at: https://www.google.com/books/edition/Solving_Population_Health_Problems_throu/HiGEDgAAQBAJ?hl=en&gbpv=1&printsec=frontcover

- Adverse Drug Reactions – Chapter; Essential Family Medicine, 3rd Edition by Robert E. Rakel, MD – ISBN: 1416023771. Accessible at: https://www.elsevier.com/books/essential-family-medicine/9781416023777.

- Headaches – Chapter; Essential Family Medicine, 3rd Edition by Robert E. Rakel, MD – ISBN: 1416023771. Accessible at: https://www.elsevier.com/books/essential-familymedicine/9781416023777.

- Abstract Notes on Pathology; First Edition 1995, reprints 2000, 2002, 2006. ISBN: 818597506.