

## **RICHARD HENRY HUGHES IV, JD, MPH**

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### **EDUCATION**

THE GEORGE WASHINGTON UNIVERSITY LAW SCHOOL

Juris Doctor

*Research Assistant to Professor Sara Rosenbaum*

UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES

Master of Public Health, Health Policy & Management

*Delta Omega Honorary Society in Public*

*Public Health Student Leadership Award*

*Fay W. Boozman Public Health & Community Service Scholarship Award*

ARKANSAS STATE UNIVERSITY

Bachelor of Science, Management

### **PROFESSIONAL EXPERIENCE**

EPSTEIN BECKER GREEN

Member of the Firm, 2022-Present

Attorney and Strategic Advisor, 2014-2016

MODERNA

Vice President, Public Policy, 2020-2022

AVALERE HEALTH

Managing Director, 2016-2020

MERCK & CO., INC.

Region Policy Executive, Vaccine Division, 2010-2014

ASSOCIATION OF STATE AND TERRITORIAL HEALTH OFFICIALS

Director, State Health Policy, 2009-2010

Director, Immunization Policy, 2009

### **PUBLIC SERVICE**

STATE OF ARKANSAS, STATE BOARD OF HEALTH

Member (*by Gubernatorial Appointment*), 2006-2009

### **ACADEMIC APPOINTMENTS**

THE GEORGE WASHINGTON UNIVERSITY LAW SCHOOL

Professorial Lecturer in Law, 2021-Present

*Courses Taught: Vaccines & Preventive Services Law (LAW 6409), Spring 2022, Spring 2023, Spring 2024*

THE GEORGE WASHINGTON UNIVERSITY, MILKEN INSTITUTE SCHOOL OF PUBLIC HEALTH

Professorial Lecturer in Health Policy & Management, 2015-2019

*Courses Taught: State Health Policy (PUBH 3199), Fall 2017, Fall 2018; Health Law & Policy (HSML 6267)*

*Spring, Summer (2 sections) and Fall 2016; State Health Policy (PUBH 6356), Fall 2015*

## HONORS & AWARDS

The Best Lawyers in America®: “Ones to Watch” in Health Care Law (2024)

Delta Omega Honorary Society in Public Health

## BAR & COURT ADMISSIONS

Supreme Court of the United States (No. 316545)

United States Fifth Circuit Court of Appeals

District of Columbia (No. 1032341)

Maryland (Retired/Inactive; No. 1506160151)

## SCHOLARLY ARTICLES

Larson, A, Minnick, D, Choudhury, S, Hughes, RH, *Diverse Timelines, Prolonged Paths: State Variances in Implementing School Entry Requirements for Meningococcal and Tdap Vaccines After ACIP Recommendations* (awaiting decision).

Hughes, RH, Choudhury, S, *Preventive Antibody Products are Immunizations*, 41 VACCINE 48:7041-7043 (2023). DOI: 10.1016/j.vaccine.2023.10.046

Hughes, RH, *The COVID-19 Vaccination Story: Public Health Expertise is as Vital as Private Sector Ingenuity*, 113 AM. J. PUB. HEALTH 713-715 (2023). DOI: 10.2105/AJPH.2023.307311

Hughes, RH, Lutes, K, *A Patchwork in Need of Permanent Repair: The United States Framework for Recommending and Covering Preventive Care*, 1 J. FED. AGENCY ACTION 3:175-198 (2023)

Shen, A, Hughes, RH, DeWald, E, Rosenbaum, S, Pisani, A, Orenstein, W, *Ensuring Equitable Access To COVID-19 Vaccines In The US: Current System Challenges And Opportunities*, 40 HEALTH AFFAIRS, 1:62-69 (2021). DOI: 10.1377/hlthaff.2020.01554.

Stires, H, LaMori, J, Chow, W, Zalewski, Z, Vidulich, A, Avina, M, Sloan, C, Hughes RH, Hardy, H, *Weight Gain and Related Co-Morbidities Following Antiretroviral Initiation in the 2000s: A Systematic Literature Review*, AIDS Res Hum Retroviruses (2021). DOI: 10.1089/AID.2020.0216

Hughes, RH, Klein, Z, *Assessing US Traveler Vaccination Access: An Evaluation of US Requirements for Healthcare Payer Coverage of Recommended Travel Vaccines*, 27 J. TRAVEL MED, 6:1-3 (2020). DOI: 10.1093/JTM/TAAA118

Hughes, RH, *With a Worthless Services Hammer, Everything Looks Like a Nail: Litigating Quality of Care Under the False Claims Act*, 37 J. LEGAL MED 01-02:65-104 (2017). DOI: 10.1080/01947648.2016.1161569

Hughes, RH, Ramdhanie, K, Wasserman, T, Moscetti, C, *State Boards of Health: Governance and Politics*, 39 Suppl. J. LAW MED ETHICS 1:37-41 (2011). DOI: 10.1111/j.1748-720X.2011.00563.x

## BOOKS & BOOK CHAPTERS

Vaccines and Preventive Services Law (in preparation).

Working Title: Young Man in a Hurry: A Memoir of Intergenerational Trauma (in preparation).

Brown, M, Hughes, RH, *Does God want you to be vaccinated?*, FIRST NATIONAL VACCINE LAW CONFERENCE: PAPERS AND PROCEEDINGS, ABA Book Publishing (2024). ISBN: 9781639054145

Hughes, RH, Walters, W, Tazon, J, *The Elusive Self-Administering Vaccine: Understanding the Legal and Regulatory Hurdles*, FIRST NATIONAL VACCINE LAW CONFERENCE: PAPERS AND PROCEEDINGS, ABA Book Publishing (2024). ISBN: 9781639054145

Hughes, RH, Atlas, RF, Paying for Person-Centered Care: the Role of Health Care Payment and Quality Policy. In Donald Zimmerman, et al. ed., PERSON-FOCUSED HEALTH CARE MANAGEMENT: A FOUNDATIONAL GUIDE FOR HEALTH CARE MANAGERS. 2016, Springer Publishing.

Hughes, RH, Legal and Ethical Issues in Person-Centered Care. In Donald Zimmerman, et al. ed., PERSON-FOCUSED HEALTH CARE MANAGEMENT: A FOUNDATIONAL GUIDE FOR HEALTH CARE MANAGERS. 2016, Springer Publishing.

Yeung, LR, Kim, B, Hughes, RH, The Road to Value-Based Payments: Considerations for Provider Engagement. In John Steiner, ed., HEALTH LAW AND COMPLIANCE UPDATE, 2017 ED. 2016, Aspen.

## COMMENTARIES & OP-EDS

Greenberg, K, Choudhury, S, Hughes RH, *On HIV, History is Sadly Repeating Itself*(in preparation).

Hughes, RH, *Regional Detractor, National Innovator: Arkansas's Curious Relationship with Medicaid* (awaiting decision).

Hughes, RH, Kane, R, *The IRA: Reducing Inflation or Threatening Patient Access* (awaiting decision).

Hughes, RH, *Et tu, Jacobson? The Approaching Legal Demise of Vaccination Policies* (forthcoming).

Hughes, RH, *The Supreme Court and the Future of Expert Preventive Recommendations* (forthcoming).

Hughes, RH, *The Path to Prevention: Charting the Course for a Healthier Nation* (forthcoming).

Peters, A, Hughes, RH, Brown, J, *Food is Medicine: The Road to Universal Coverage*, Health Affairs Forefront (forthcoming).

Minnick, D, Hughes, RH, Peters, A, Seiler, N, Rosenbaum, S, *Will Claims of Religious Freedom Trump Public Health? Braidwood v Becerra and HIV Prevention*, Health Affairs Forefront (Mar. 4, 2024). DOI: 10.1377/forefront.20240301.366170

Choudhury, S, Hughes, RH, *Ensure Equity And Feasibility In Updating Meningococcal Vaccine Recommendations*, Health Affairs Forefront (Jan. 26, 2024). DOI: 10.1377/forefront.20240124.613586

*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 4*

Hughes, RH, *Clinical Preventive Guidelines Should Foster Patient Access: A Reply To Killelea And Johnson*, Health Affairs Forefront (Jan. 18, 2024). DOI: 10.1377/forefront.20240116.471232

Hughes, RH, Seiler, N, Rosenbaum, R, *Braidwood v Becerra's Vaccine Access Threat*, Health Affairs Forefront (Nov. 29, 2023). DOI: 10.1377/forefront.20231128.866643

Choudhury, S, Hughes, RH, *Paving the Way for Prevention Over-The-Counter*, Health Affairs Forefront (Nov. 20, 2023). DOI: 10.1377/forefront.20231117.31960

Choudhury, S, Hughes, RH, *Quadrivalent Vs Trivalent Influenza Vaccines: Not A Simple Switch*, Healthcare Business Today (Nov. 17, 2023).

Hughes, RH, Reiss, D, *Vaccines in the Courts: A COVID-19-Induced Litigation Influx*, Health Affairs Forefront (Nov. 6, 2023). DOI: 10.1377/forefront.20231103.449243

Hughes, RH, *The Task Force's Latest PrEP Recommendation For HIV Is Just More Of The Same*, Health Affairs Forefront (Nov. 1, 2023). DOI: 10.1377/forefront.20231030.652098

Hughes, RH, Minnick, D, Genaw, H, *On Biden's "Moonshot", the Task Force Misses the Aim*, Health Affairs Forefront (Sept. 7, 2023). DOI: 10.1377/forefront.20230906.84985

Hughes, RH, Minnick, DR, Velasquez, JC, *'Vaccines For Children' At 30: Lessons In Bipartisanship And Cooperative Federalism*, Health Affairs Forefront (Aug. 10, 2023). DOI: 10.1377/forefront.20230803.382530

Gentry, R, Hughes, RH, *Insult To The Injured: The Case For Modernizing Vaccine Injury Compensation*, Health Affairs Forefront (July 19, 2023). DOI: 10.1377/forefront.20230718.324863

Hughes, RH, Choudhury, S, *With the Word 'May', ACIP Leaves Seniors Vulnerable To RSV This Winter*, Health Affairs Forefront (July 5, 2023). DOI: 10.1377/forefront.20230630.906969

Hughes, RH, Choudhury, S, Walters, W, *Vaccines Deserve Immunity From The IRA's Pricing Provisions*, Health Affairs Forefront (June 15, 2023). DOI: 10.1377/forefront.20230614.547880

Hughes, RH, *How to protect PrEP coverage, no matter what happens in Braidwood v. Becerra*, STAT First Opinion (June 5, 2023).

Hughes, RH, Lutes, M, Walters, W, *By Leaving 'Therapeutic Alternatives' Undefined, CMS Tilts The Playing Field Of Drug Price Negotiations*, Health Affairs Forefront (June 5, 2023). DOI: 10.1377/forefront.20230602.509893

Hughes, RH, Lutes, M, Walters, W, *Is CMS Ignoring the Realities of Biopharmaceutical Costs?*, Healthcare Business Today (Apr. 16, 2023).

Hughes, RH, Choudhury, S, Walters, W, *Repairing The US Preventive Services Task Force After Braidwood v. Becerra*, Health Affairs Forefront (Apr. 7, 2023). DOI: 10.1377/forefront.20230405.702205

Hughes, RH, *CMS Can Fix Medicare Vaccine Coverage, Protect Seniors from RSV*, Health Affairs Forefront (Mar. 30, 2023). DOI: 10.1377/forefront.20230328.539974

*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 5*

Walters, W, Hughes, RH, *Insulin as Preventive Care: Why Not Eliminate Patient Cost Sharing?*, Health Affairs Forefront (Mar. 24, 2023). DOI: 10.1377/forefront.20230323.430028

Hughes, RH, *Reflecting on the Future of U.S. Vaccine Programs*, Health Affairs Forefront (Mar. 15, 2023). DOI: 10.1377/forefront.20230313.223470

Hughes, RH, Choudhury, S, *Recognizing Pharmacists as Vaccines for Children Providers*, Health Affairs Forefront (Feb. 23, 2023). DOI: 10.1377/forefront.20230221.164704

Hughes, RH, Walters, W, *The End of an Era: The COVID-19 Vaccine Market Goes Commercial*, Healthcare Business Today (Feb. 13, 2023).

Hughes, RH, *Why are we delaying coverage of new HIV prevention?*, Health Affairs Forefront (Jan. 26, 2023). DOI: 10.1377/forefront.20230125.567709

Sutton, E, Hughes, RH, Wilson, V, Finnerty, K, *The 2023 State Legislative Sessions: The Next Abortion Battleground*, Health Affairs Forefront (Jan. 17, 2023). DOI: 10.1377/forefront.20230112.820069

Hughes, RH, *COVID-19 vaccine prices are going up. It shouldn't be our focus.*, Healthcare Dive (Jan 10, 2023).

Hughes, RH, Walters, W, *Anticipating the Commercialization of the COVID-19 Vaccine*, Healthcare Business Today (Dec. 1, 2022).

Hughes, RH, Shankle, K, Hillard, C, *COVID-19 PREP Act Litigation: The Tip Of The Liability Iceberg*, Health Affairs Forefront (Nov. 30, 2022). DOI: 10.1377/forefront.20221129.548029

Hughes, RH, *The ACA and IRA Require Coverage Of Vaccines: But What About Travel Vaccines?*, Health Affairs Forefront (Nov. 8, 2022). DOI: 10.1377/forefront.20221107.545147

Hughes, RH, Choudhury, S, Shah, A, *Newborn Screening Blood Spot Retention and Reuse: A Clash of Public Health and Privacy Interests*, Health Affairs Forefront (Oct. 5 2022). DOI: 10.1377/forefront.20221004.177058

Hughes, RH, *The Inflation Reduction Act will help the U.S. achieve maximum vaccine access and uptake, but access gaps remain*, STAT First Opinion (Sept. 27, 2022).

Hughes, RH, Minnick, D, Peters, A, *HRSA's Confusing, Out-Of-Date Guidance Undermines Contraceptive Coverage And Access*, Health Affairs Forefront (Sept. 28, 2022). DOI: 10.1377/forefront.20220926.343403

Hughes, RH, Chappel, N, Walters, W, *Will the US Supreme Court Strike Down the ACA's Preventive Services Coverage Requirement?*, Health Affairs Forefront (Sept. 23, 2022). DOI: 10.1377/forefront.20220922.150344

Hughes, RH, Shankle, K, *Pharmacists Can Now Prescribe Paxlovid, But Barriers Persist*, Health Affairs Forefront (Sept. 19, 2022). DOI: 10.1377/forefront.20220915.560282

Hughes, RH, *Congress finally eliminates Part D vaccine cost sharing: Medicare coverage is still broken*, HealthcareDive (Aug. 26, 2022).

Hughes, RH, *As Congress, Biden administration squabble over COVID-19 funds, an ongoing pandemic response posture strains public health*, HealthcareDive (July 14, 2022).

Hughes, RH, *The Supreme Court And The Future Of State Vaccine Requirements*, Health Affairs Forefront (July 7, 2022). DOI: 10.1377/forefront.20220705.879853

Hughes, RH, *Rethinking Access To Immunizations After COVID-19: Assuring A Vaccine Safety Net For All Americans*, Health Affairs Forefront (April 7, 2022). DOI: 10.1377/forefront.20220406.527026.

Trost, A, Jones Pratt, K, Hughes, RH, David, C, Hyer, R, *During The COVID-19 Pandemic, Prioritize Routine And Seasonal Vaccination For Health Care Personnel*, Health Affairs Forefront (Mar. 17, 2021). DOI: 10.1377/forefront.20210315.409882

Belowich, E, Jones Pratt, K, Fifer, S, Solis, P, Hughes, RH, *Increased Reimbursement May Help Overcome Barriers To Administration Of Seasonal And Routine Vaccines*, Health Affairs Forefront (Dec. 9, 2020). DOI: 10.1377/forefront.20201208.111539

Hughes, RH, Nam, D, Diamond, N, Hopkins, C, Rosacker, N, Aviña, *The Pharmacist's Role in COVID-19 Response Efforts*, Health Affairs Forefront (July 23, 2020). DOI: 10.1377/forefront.20200721.162747

Hughes, RH, *HIV Vaccine Awareness: Ensuring a Path for Prevention*, FiercePharma (May 18, 2020).

Hughes, RH, Cappio, K, Fix, A *Ensuring COVID-19 Vaccine Affordability: Existing Mechanisms Should Not Be Overlooked*, Health Affairs Forefront (Mar. 30, 2020). DOI: 10.1377/forefront.20200327.868172

Hughes, RH, *As Presidential Candidates Debate Sweeping Health Care Proposals, Preventive Coverage Opportunities Are Overlooked*, Health Mandatory Medicaid and Children's Health Insurance Program Coverage of Adult Vaccinations under the Inflation Reduction Act, Health Affairs Forefront (Jan. 29, 2020). DOI: 10.1377/forefront.20200124.971449

Shen, K, Hughes RH, Sobel, E, Fix, A, Shaw, M, *Shaping The 2020 National Vaccine Plan*, Health Affairs Forefront (Dec. 16, 2019). DOI: 10.1377/forefront.20191212.484779

Hughes, RH, Sloan, C, Vidulich, A, Chepigin, C, Aviña, M, *Ending An Epidemic Requires Multiple Interventions: Considerations For Developing And Harmonizing HIV Preventive Recommendations*, Health Affairs Forefront (Nov. 13, 2019). DOI: 10.1377/forefront.20191107.486740

Hughes, RH, Fix, A, *As Advancements In Treatment Drive A Newborn Screening Evolution, Will States And The Federal Government Be Able To Keep Up?*, Health Affairs Forefront (Aug. 24, 2019). DOI: 10.1377/forefront.20190816.174106

Hughes, RH, Napoles, A, Liow, C, *Linking Vaccines And Quality: A Public Health Imperative In A Value-Based Era*, Health Affairs Forefront (May 24, 2019). DOI: 10.1377/forefront.20190522.213919

Hughes, RH, Maxim, R, Fix, A, *Vague Vaccine Recommendations May Be Leading To Lack Of Provider Clarity, Confusion Over Coverage*, Health Affairs Forefront (May 7, 2019). DOI: 10.1377/forefront.20190506.172246

*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 7*

Hughes, RH, Rosacker, N, Sloan, C, Coverage Of Federally Recommended Preventive Services: Considerations For Eliminating HIV Transmission By 2030, Health Affairs Forefront (Apr. 9, 2019). DOI: 10.1377/forefront.20190328.774729

Hughes, RH, Vaccine Exemptions And The Federal Government's Role, Health Affairs Forefront (Mar. 21, 2019). DOI: 10.1377/forefront.20190318.382995

Hughes, RH. Combine Both Plans for Health Care Reform [Special Guest Column]. *Arkansas Democrat Gazette*, p. 7B (Oct 13, 2008).

Hughes, RH. Prevention is Priority of Vaccine Program [Special Guest Column]. *Arkansas Democrat Gazette*, p. 9B (Mar. 15, 2007).

## **JUDICIAL & LEGISLATIVE ADVOCACY**

Letter for the Record, *Assessing America's Vaccine Safety Systems, Part 2*, Hearing Before the Select Subcommittee on the Coronavirus Pandemic, House Oversight Committee, U.S. House of Representatives, 118 Cong. \_\_ (2024) (Statement of Richard H. Hughes IV).

Brief of Amicus Curiae, Becerra, et al v. Braidwood, et al, No. 23-10326 (5<sup>th</sup> Cir. 2023), submitted on behalf of HIV and Hepatitis Policy Institute, AIDS Alabama, AIDS Foundation of Chicago, AIDS United, American Academy of HIV Medicine, Asian and Pacific Islander Wellness Center, Inc. dba San Francisco Community Health Center, Caring Ambassadors Program, Inc., Center for Health Policy and Innovation, Community Education Group, Fenway Community Health Center, Inc., Frannie Peabody Center, Gay Men's Health Crisis, Inc., Georgia AIDS Coalition, Global Liver Institute, Hepatitis B Foundation, Hepatitis Education Project, Housing Works, Inc., Human Rights Campaign Foundation, Latino Commission on AIDS, National Coalition of STD Directors, National Minority AIDS Council, PrEP4All, Southern AIDS Coalition, Treatment Action Group, and Whitman-Walker Health (June 23, 2023).

Testimony, *Opposing a bill to require providers to explain vaccine ingredients to patients*, Joint Health and Human Services Committee, 126<sup>th</sup> Maine Legislature (May 2013).

Testimony, *Supporting Vaccine Choice*, Joint Committee on Public Health, 188<sup>th</sup> General Court of the Commonwealth of Massachusetts (May 2013).

## **OTHER WHITEPAPERS, INSIGHTS & REPORTS**

Contributing Expert, Emergency Countermeasure Development and Deployment, WHO Collaborating Center Report, The O'Neill Institute for National and Global Health Law (November 2023).

Liow, C, Hughes, RH, Petrilla, A, Kumar, S, Trost, A, Shaw, M, Cole, M, Kornfield, T, Medicare Spent \$106B on Vaccine-Preventable Diseases Over 3 Years, Avalere Health, Insight Article (June 2, 2020).

Hughes, RH, Aviña, M, Francis, M, Dagne, H, O'Laughlin, C, Diamond, N, Medicare Part D Plans Continue to Require Cost Sharing for Vaccines, Avalere Health, Insight Article (April 16, 2020).

Hughes, RH, et al, Lack of Clarity on Preventive Services Recommendations May Create Access Barriers, Avalere Health, Insights Article (Dec. 20, 2018).

Hughes, RH, et al, *Fewer Seniors Get Vaccinated as Their Out-of-Pocket Costs Increase*, Avalere Health, Insights Article (July 19, 2018).

Hughes, RH, et al, *Policymakers Seek to Balance Patient Information Sharing with Privacy Protections*, Avalere Health, Insights Article (April 20, 2018).

Hughes, RH, et al, *Vaccines and Quality Roadmap: Using Healthcare Quality Levers to Increase Adult Immunization Rates in the U.S.*, GlaxoSmithKline (2017)

Hughes, RH, Sobel E, *Vaccine Coverage Requirements Vary By Market*, Avalere Health, Insights Article (April 18, 2017).

Hughes, RH, Fingold, H, *Network Adequacy: A Multimarket Recap of 2015 and Looking Ahead*, Health Law Advisor Blog (Feb. 24, 2016).

Gerson, SM, Wanerman, RE, Hughes, RH, *Supreme Court Rules That Providers and Suppliers Cannot Challenge Medicaid Reimbursement Rates in Federal Court*, Epstein Becker Green, Health Care and Life Sciences Client Alert (Apr. 13, 2015).

Hughes RH, et al. *Exploring Third Party Billing for Vaccines by State Public Health Entities*, Association of State and Territorial Health Officials (March 2010).

Sellers K, Hughes RH, Pearsol J, Elliot PI. State Perspectives on the Use of Fiscal Intermediaries. Association of State and Territorial Health Officials. *Submitted to* Thomas Frieden, Director, Centers for Disease Control and Prevention (November 2009).

## **PRESENTATIONS & LECTURES**

Panelist, *Are You Ready for an Emergency? Really Ready?*, 2024 Ohio Hospital Association Annual Meeting, Columbus, OH (2024).

Plenary Panelist, *HIV Healthcare: Developments and Possibilities*, American Bar Association HIV Law & Practice Conference, New Orleans, LA (2024).

Panelist, *Vaccine Law Outlook*, 16th National Conference for Immunization Coalitions and Partnerships, Philadelphia, PA (2024).

Panelist, *What's next after the IRA?*, World Vaccine Congress, Washington, D.C. (2024).

Panelist, *Computational design of antibodies & experimental discovery – how do they co-exist? Regulatory – accelerated development pathways for computationally optimized antibodies*, World Vaccine Congress West Coast, Santa Clara, CA (2023).

*The Vaccine Law and Policy Landscape*, STC Leadership Summit, Phoenix, AZ (2023).

Panelist, *Addressing Persistent Disparities in Colorectal Cancer Screening Among Racially and Ethnically Diverse Populations*, Network for Excellence in Health Innovation (NEHI), Washington, D.C. (2023).



*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 9*

Panelist, *Coupling Development and Deployment*, Emergency Countermeasure Development and Deployment, Global Pandemic Accord: WHO Collaborating Center Support for New Equity and Coordinating Mechanism, O'Neill Institute for National and Global Health Law, Georgetown Law, Washington, D.C. (2023).

Moderator, *Envisioning Vaccine Access Post-PHE*, 2023 National Vaccine Law Conference Pre-Conference Symposium, Washington, D.C. (2023).

Moderator, *The Evolving Adult Immunization Schedule*, 2023 National Vaccine Law Conference Pre-Conference Symposium, Washington, D.C. (2023).

Moderator, *Current Issues in Coverage and Reimbursement for Vaccines & Vaccine-Like Products*, 2023 National Vaccine Law Conference Pre-Conference Symposium, Washington, D.C. (2023).

Panelist, *The Vaccine Law Year in Review*, 2023 National Vaccine Law Conference Pre-Conference Symposium, Washington, D.C. (2023).

Organizer and Tribute Speaker, *Vaccine Law Vanguard Award Reception Honoring Professor Sara Rosenbaum*, 2023 National Vaccine Law Conference Pre-Conference Symposium, Washington, D.C. (2023).

Organizer and Moderator, *Celebrating VFC at 30 and Envisioning Its Future*, 2023 National Vaccine Law Conference Pre-Conference Symposium, Washington, D.C. (2023).

*Understanding PrEP Access in the Wake of Braidwood*, United States Conference on HIV/AIDS, Washington, D.C. (2023).

Panelist, *Tying Health Outcomes to Legal Doctrines: The Pedagogical Value of Teaching Vaccine Law*, Health Law Professors Conference, Baltimore, MD (2023).

Moderator, *The Future of the Vaccine Safety Net: Ensuring Equity, Access, Innovation, and the Business of Vaccines*, Biotechnology Innovation Organization International Convention, Boston, MA (2023).

*How the COVID-19 Vaccines Marketplace is Evolving and Its Impact on Other Vaccines*, World Vaccine Congress, Washington, D.C. (2023).

*Confronting the access challenges for HIV prevention: a law and policy perspective*, World Antiviral Congress, San Diego, California (2022).

*Legal Structure of Funding and Distribution*, National Vaccine Law Conference, Arlington, VA (2022).

*The Bright Future of Vaccine Development*, National Vaccine Law Conference, Arlington, VA (2022).

*Vaccine Mandates: Religious Exemptions & Faith Communities*, National Vaccine Law Conference, Arlington, VA (2022).

Panelist, *How Will We Improve Pandemic Preparedness through Private-Public Partnerships?*, U.S. Chamber of Commerce Foundation, 11th Annual Building Resilience Through Private-Public Partnerships Conference (2022).

Panelist, *Vaccine Innovation and the Future of Life-Course Immunization*, Biotechnology Innovation Organization International Convention, San Diego, CA (2022).

*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 10*

*Understanding the Vaccines Market*, Disruption in the U.S. Healthcare System, GEORGETOWN UNIVERSITY, McDonough School of Business, Spring 2019, Spring 2020, Spring 2021, Spring 2022.

*Understanding the Interaction Between Government and the Private Sector in Developing Innovative New Biotechnology Products*, NATIONAL DEFENSE UNIVERSITY, Dwight D. Eisenhower School for National Security and Resource Strategy, Spring 2021, Spring 2022.

*Vaccine Policy*, UNIVERSITY OF DENVER, School of Public Policy, Spring 2022.

*Supporting H.2338/S.1471 to require newborn screening for congenital cytomegalovirus*, 188<sup>th</sup> General Court of the Commonwealth of Massachusetts (May 2021).

Panelist, *Ongoing COVID-19 Vaccinations: The Challenges, The Successes and The Future*, Polsinelli (2021).

*Healthcare Policy Outlook*, DUKE UNIVERSITY, Fuqua School of Business Week in DC, Duke-Margolis Center for Health Policy, Spring 2019, Spring 2020.

Panelist, *Part II: Looming Challenges of COVID-19 Immunization: Messaging and Communications*, Network for Excellence in Health Innovation (NEHI), Virtual Panel (2020).

Panelist, *Part I: Looming Challenges of COVID-19 Immunization: Messaging and Communications*, Network for Excellence in Health Innovation (NEHI), Virtual Panel (2020).

Moderator & Panelist, *Cutting Through the Noise: Market Evolution and Pathways to Access for COVID-19 Vaccines*, World Vaccine Congress, Virtual Panel (2020).

Panelist, *COVID-19 Vaccine Panel Discussion*, CSG Policy Academy: Medicaid Leadership Academy, Council of State Governments, Virtual Panel (2020).

Panelist, *Congressional Briefing: COVID-19 Vaccine Deployment*, Alliance for Health Policy, Virtual Panel (2020).

*Vaccine Uptake in Older Adult Medicare Beneficiaries: A claims-based analysis*, National Immunization Conference, Atlanta, GA (2020); Abstract with Petrilla, A, Kane, R, Liow, C, Shaw, M, Trost, A; Not presented due to COVID-19 pandemic.

*Understanding the Impact of Vaccine Coverage Policy Reforms to Medicare*, National Immunization Conference, Atlanta, GA (2020); Abstract with Shen, A, Kane, R, Cole, M, Liow, C, Sobel, E, Diamond, N, Shaw, M, Trost, A, Kornfield, T; Not presented due to COVID-19 pandemic.

*Understanding and Reforming a Policy Patchwork: Medicare Coverage of Vaccines*, National Immunization Conference, Atlanta, GA (2020); Abstract with Sobel, E, Diamond, N, Dagne, H, Trost, A; Not presented due to COVID-19 pandemic.

*State-Level Strategies to Implement an Adult Vaccine Safety Net: Considerations for Stakeholders*, National Immunization Conference, Atlanta, GA (2020); Abstract with Fix, A, Sobel, E; Not presented due to COVID-19 pandemic.

*A Comprehensive Analysis of Influenza Vaccine Uptake in Medicare*, National Immunization Conference, Atlanta, GA (2020); Abstract with Chepigin, C, Shaw, M, Kane, R, **Hughes, RH**, Petrilla, A; Not presented due to COVID-19 pandemic.

*Unraveling RSV Disease Burden*, National Immunization Conference, Atlanta, GA (2020); Abstract with Liow, C, Chepigin, C, Shen, A, Petrilla, A; Not presented due to COVID-19 pandemic.

*Raising Rates of Adult Vaccination*, Hosted by Network for Health Excellence in Health Innovation, Washington, D.C. (2019).

*A Comprehensive Analysis of Influenza Vaccine Uptake in Medicare*, National Adult and Influenza Immunization Summit, Atlanta, GA (2019); Poster with Chepigin, C, Adelsberg, M, Kane, R.

*The Healthcare Policy Outlook and the 2018 Midterm Elections*, American Heart Association, Advocacy Coordinating Committee, Dallas, TX (2018).

*Trends in Utilization Management: Prior Authorization and Step Therapy Policies in Select States*, Sanofi Advocacy Council, Washington, D.C. (2018).

*Immunization and “Repeal and Replace”: How Congressional Efforts to Undo the Affordable Care Act Would Have Impacted Immunization Coverage and Access*, National Immunization Conference, Atlanta, GA (2018); Poster with Sobel, E.

*Linking Vaccines and Quality Policy: Identifying Opportunities to Drive Immunization Uptake in a Value-Based Environment*, National Immunization Conference, Atlanta, GA (2018); Poster with Liow, C.

*State-Level Policy Strategies Needed to Improve Adult Immunization Uptake*, National Immunization Conference, Atlanta, GA (2018); Abstract with Sobel, E.

Panelist, *Understanding the Current Role of Immunization Measures in Quality-Based Policies*, National Immunization Conference, Atlanta, GA (2018).

*State Health Policy Implications of the 2018 Midterm Elections*, “Burrito Coalition” of Patient Advocacy Organizations (2018).

*Reforming Medicare Vaccine Coverage to Reduce Barriers to Access*, Avalere Health (2018).

*State Health Policy*, Residency Fellowship Rotation in Health Policy, THE GEORGE WASHINGTON UNIVERSITY, Milken Institute School of Public Health, Fall/Spring 2015-2018.

*Increasing Adult Immunization Rates in the U.S. through Data and Quality: A Roadmap*, Avalere Health, Washington, D.C. (2017).

*Alignment and Simplification of Quality Measures Across Markets*, Epstein Becker Green, Washington, D.C. (2016).

*A Balancing Act: The Intersection of Industry and Policy*, Duke University, MBA Health Care Conference, Durham, NC (2016).

*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 12*

*Careers in Health Law*, University of Virginia Law School, Charlottesville, VA (2016).

Co-facilitator, *Vaccines and Quality Roundtable*, Avalere Health & GlaxoSmithKline, Washington, D.C. (2016).

Featured Assembly Speaker, Manila Middle School, Manila, Arkansas (2016).

Panelist, *State Board of Health Roundtable*, National Association of Local Boards of Health, Atlanta, GA (2012).

*Making the Workforce Case to State Legislators*, State Public Health Workforce Summit, Atlanta, GA (2010).

*State Health Officials: Advancing Injury Prevention Policy, "Addressing a Winnable Battle": Transportation and Public Health Officials Join Forces to Decrease Preventable Injuries and Death Due to Motor Vehicle Crashes*, Arlington, VA (2010).

*State Boards of Health: A Closer Look at Roles and Relationships*. National Association of Local Boards of Health, Omaha, NE (2010); Abstract with Albader, B, Orfino, A.

*Role of State Boards of Health in the Public Health System*, Public Health Systems & Services Research Keeneland Conference, Lexington, KY (2010); Abstract with Wasserman, T, Moscetti, C, Jarris, P.

*State Emergency Powers in Imminent Threat Scenarios: Comparative Analysis, Practice Implications & Policy Considerations*, Public Health Emergency Preparedness Summit, Atlanta, GA (2010); Abstract with Sutaria, S.

*Higher Education Pre-Matriculation Immunization Requirements: A Comprehensive Assessment and Policy/Program Considerations*, American Public Health Association 137th Annual Meeting, Philadelphia, PA (2009); Abstract with Ryan, KW, Hogan, RD.

*Pre-matriculation requirements for colleges and universities: Is it time for all states to mandate as a condition of entry?*, American Public Health Association 137th Annual Meeting, Philadelphia, PA (2009); Abstract with Ryan, KW.

Panelist, Emory University Rollins School of Public Health's 4th Annual Washington, DC Networking and Study Tour for Public Health Graduate Students, Washington, D.C. (2009).

Co-facilitator, *Strengthening the Health Care Safety Net Workforce Through Interagency Cooperation, Planning and Policy*, National Conference of State Legislatures Annual Legislative Summit, Philadelphia, PA (2009).

Organizers/Facilitator, *State Health Policy 'Swap Shop'*, Association of State and Territorial Health Officials Annual Meeting, Vienna, VA (2009).

*Arkansas Scholarship Lottery Ballot Initiative*, American Association of University Women's Forum, Central Arkansas Main Library, Little Rock, AR (2008).

## **MEDIA INTERVIEWS, QUOTATIONS AND COVERAGE**

Weixel, N, *ObamaCare faces key hearing after Texas ruling*, The Hill (Mar. 4, 2024).

Mejdrich, K, *4 Argument Sessions Benefits Attys Should Watch In March*, Law360 (Mar. 4, 2024).

Tong, N, *Affordable Care Act preventive services under threat: Previewing Braidwood oral arguments*, Fierce Healthcare (Mar. 1, 2024).

Lotven, A, Early, B, Mills-Gregg, D, Karins, J, *Doc Pay Patch Could Emerge In Scaled-Back Health Package; Budget Talks Continue*, Health Insider, InsideHealthPolicy (Feb. 26, 2024).

Covert, B, *The RSV Shot For Babies Was Supposed To Save Lives. Then Nobody Could Get It.*, Romper (Dec. 21, 2023).

Small, L, *Coverage, Supply Issues Dampen Promise of New RSV Immunizations*, Health Plan Weekly (Oct. 27, 2023).

Smith, DG, *An R.S.V. Shot for Infants Is in Short Supply. Here's What to Know.*, The New York Times (Oct. 25, 2023).

Small, L, *SCOTUS Cases Could Create 'Fractured' Health Care Policy Landscape*, Health Plan Weekly (Oct. 20, 2023).

Bonavitcola, J, *Webinar Highlights Recommendations to Improve Disparities in CRC Screening*, American Journal of Managed Care (Oct. 18, 2023).

Johnson, A, *RSV Vaccines Aren't Covered By Medicare For These Vulnerable Groups*, Forbes (Oct. 13, 2023).

Wen, L, *It shouldn't be so hard for older adults to receive the RSV vaccine*, The Washington Post (Oct. 10, 2023).

Johnson, P, *Federal Watchdog: One Quarter of HIV-Positive Medicaid Enrollees Missed Care*, Health Plan Weekly (Sept. 18, 2023).

Radio Interview: *RSV vaccine for adults may not be covered by insurance*, KNX News 97.1 FM Los Angeles (Aug. 29, 2023).

Smith, DG, *Some Older Adults Are Being Charged Over \$300 for the New R.S.V. Vaccine*, The New York Times (Aug. 25, 2023).

Chibbaro, L, *Lawsuit against Affordable Care Act targets PrEP: AIDS groups warn court ruling could lead to 'explosion' in new HIV cases*, Washington Blade (Jul. 10, 2023).

Lopez, I, *HIV Prevention Drug Uptake Threatened in Obamacare Battle*, Bloomberg Law (June 7, 2023).

Gatlin, A, *Could Government Drug-Price Negotiations Sound The Death Knell For Biotech Stocks?*, Investor's Business Daily (Apr. 28 2023).

Goldman, M, *Biden's Next Steps on Preventive Services Coverage*, Axios (Apr. 20, 2023).

Mejdrich, K, *ACA Ruling Could Mean Narrowed Benefits from Health Plans*, Law360 (Apr. 6, 2023).

Goforth, A, *Moderna to price its COVID vaccine at \$130, as cost shifts to private sector*, ALM Benefits Pro (Mar. 24, 2023).

Adams, K, *Moderna will charge around \$130 for its COVID vaccine – and Congress isn't too happy*, Marketplace, National Public Radio (Mar. 22, 2023).

*Richard Henry Hughes IV, JD, MPH*  
*Curriculum Vitae*  
*Page 14*

Sapatkin, D, *LOOSENING RESTRICTIONS ON PHARMACISTS COULD HELP RAISE CHILDREN'S VACCINATION RATES*, MANAGED HEALTHCARE EXECUTIVE (MAR. 9, 2023).

Sapatkin, D, *Loosening Restrictions On Pharmacists Could Help Raise Children's Vaccination Rates*, Managed Healthcare Executive (Mar. 9, 2023).

Johnson, P, *COVID Vaccine Prices Set to Rise After Commercialization — But Are They Fair?*, AIS Health (Dec. 21, 2022).

Small, L, *Once Nonexistent, Pipeline for RSV Vaccines is Now Crowded with Contenders*, AIS Health (Oct. 13, 2022).

*"On the Move"*, Washington Lawyer (Sept./Oct. 2022).

Wilson, R, *ACA contraceptive coverage requirements are confusing, healthcare attorneys say*, Becker's Payer Issues (Sept. 28, 2022).

Wilson, R, *Viewpoint: Pharmacists need standard pathway to bill for Paxlovid*, Becker's Payer Issues (Sept. 21, 2022).

Rosenbaum, R, *A Twenty-First Century Vaccines for Children Program*, Health Affairs Forefront (Jul. 12, 2022).

Novak Jones, D, Scarcella, M, *"Industry Moves,"* Westlaw Daily Docket (June 2022).

Rodgers, J, *Ex-Moderna Public Policy VP Rejoins Epstein Becker*, Law360 (June 13, 2022).

*Center Stage Alumni*, University of Arkansas for Medical Sciences, Fay W. Boozman College of Public Health (2021).

*COVID-19 Manufacturer Market Access Challenges Include Speed, Scale, Pricing*, MMIT Radar (Aug. 3, 2020).

*Insurers Must Cover Only 'Medically Necessary' COVID-19 Tests*, MMIT Radar (Jul. 2020).

*Uptake of GlaxoSmithKline's Shingrix May Be Slowed by Part D Cost Sharing*, MMIT Radar (Sept. 14, 2020).

Johnson, P, *Insurers Expand Flu Vaccination Outreach to Blunt COVID-19 Effects*, Radar on Market Access (Sept. 3, 2020).

Johnson, P, *Plans Urge Flu Vaccination to Blunt Effects of Pandemic*, Health Plan Weekly (Aug. 31, 2020).

*UnitedHealth Drops Descovy as Generic Shakes Up PrEP Class*, RADAR on Drug Benefits (Aug. 28, 2020).

*SHINGRIX Uptake May Be Slowed by Part D Cost Sharing*, RADAR on Drug Benefits (Aug. 12, 2020).

*Insurers Must Cover Only 'Medically Necessary' COVID Tests*, Health Plan Weekly (Jun. 29, 2020).

Greenway, T, *How to improve vaccine access in the US healthcare system*, New Scientist | Health Awareness (Sponsored by Avalere Health | April 27, 2020).

*Plan Impact is Unclear in New Call for Hepatitis C Screening*, RADAR on Drug Benefits (Mar. 12, 2020).

Health Affairs, *The Most-Read Health Affairs Forefront Posts Of 2019* (Jan. 2, 2020).

Blaylock, R, *Richard Hughes Accepts D.C. Position*, Northeast Arkansas Town Crier (January 13, 2009).

Television Interview: *Mandating Gardasil for School Aged Girls*, KATV Little Rock, Arkansas (Nov. 5, 2008).

Television Interview: *High Cost of Curing Cancer*, KLRT Little Rock, Arkansas (Oct. 25, 2008).

Television Interview: *American Cancer Society's 'Fight Back Express'*, KTHV Little Rock, Arkansas (June 30, 2008).

Smith, N, *Panel rejects ban on vaccine mandate*, Arkansas Democrat Gazette (Mar. 15, 2007).

Smith, N, *Measure targets HPV vaccination*, Arkansas Democrat Gazette (Mar. 7, 2007).

Masterson, M, *'Garding' our daughters*, Arkansas Democrat Gazette (Feb. 24, 2007).

Radio Interview: *Re: HPV Vaccine*, KUAR Little Rock, Arkansas (Feb. 20, 2007).

AP, *Two Health board members interested in requiring vaccine*, Associated Press (Feb. 17, 2007).

Smith, N, *State too slow to vaccinate children for HPV, some say*, Arkansas Democrat Gazette (Feb. 17, 2007).

## **PODCASTS & VIDEO FEATURES**

*Braidwood v. Becerra: Challenging the Affordable Care Act's Preventive Services Coverage Provision*, *Thought Leaders in Health Law* Video Series.

*How to save PrEP access – and even expand it*, STAT First Opinion Podcast (June 21, 2023).

*Making an Impact Through the Practice of Health Law*, Beyond the Legal Lens Podcast (May 10, 2023).

*Impact of COVID-19 on Pharmacist Scope of Practice: Before and After the PREP Act*, Diagnosing Health Care Podcast, Epstein Becker Green (Aug. 11, 2022).

*The Opportunities and Challenges Ahead for Biopharma and Public Health*, Epstein Becker Green (Jul. 19, 2022).

*Welcome Back to the Firm - Career Pathways with Richard Hughes IV*, Epstein Becker Green (Jul. 19, 2022).

*Meet Richard Hughes from Moderna*, National CMV Foundation (June 9, 2021).

*COVID-19 Vaccines: The Ethical and Legal Challenges to Immunization*, Diagnosing Health Care Podcast, Epstein Becker Green (Feb. 26, 2021).

*2020 Election with Avalere: What Are the Differences in Healthcare Platforms?*, Avalere Health Essential Voice: 2020 Election series (Sept. 3, 2020).

*Vaccines Outlook: Hesitancy, Uptake, and Infrastructure with Dr. Angela Shen*, Start Your Day with Avalere Podcast (Sept. 1, 2020).

*Vaccines Outlook: Adult Vaccine Access with Abby Bownas*, Start Your Day with Avalere Podcast (Aug. 20, 2020).

2020 Mid-Year Vaccines Outlook, Start Your Day with Avalere Podcast (Aug. 11, 2020).

Get the Facts on COVID-19: The Healthcare Landscape and Policy Debate, Avalere Health (Mar. 31, 2020).

Get the Facts on COVID-19: A Comparison to Other Outbreaks, Avalere Health (Mar. 23, 2020).

Get the Facts on COVID-19: Vaccination Affordability and Access, Avalere Health (Mar. 13, 2020).

## **PROFESSIONAL & VOLUNTEER INVOLVEMENT**

Health Care & Life Sciences Advisory Board, Thomson Reuters Practical Law (2023-Present)

Co-Chair, National Vaccine Law Conference, Founding Board of Directors, Steering Committee, Fundraising and Marketing Committee Chair (2022-2023)

American Disease Prevention Coalition (ADPC), Steering Committee (2021)

Adult Vaccine Access Coalition (AVAC), Steering Committee Member (2020-2021)

Biotechnology Industry Organization (BIO), Vaccine Policy Working Group (2020-2022)

American Bar Association (ABA), Health Law Section (2015-2016)

American Health Lawyers Association (AHLA) (2014-2016)

Langley Elementary School, “Breakfast with a Legend” Program (2016)

D.C. Bar Pro Bono Center, Volunteer Attorney (2014-2016)

American Public Health Association (2007-2019), Public Health Law Section

American Society of Law, Medicine and Ethics (2009-2016)

National Association of Local Boards of Health, Retired State Board of Health Member (2009-2013), State Boards of Health Working Group (2011-2013)

National Public Health Law & Policy Conference Planning Committee Member (2010)

Executive Committee, State Health Research & Policy Interest Group (2009-2010), AcademyHealth

Planning Committee, Public Health Law & Policy Conference (2009-2010)

American Cancer Society, Cancer Action Network, Leadership Advocate (2007-2009)



**PEER REVIEWER**

Health Affairs (2023-Present)

American Journal of Public Health (2007-Present)

**STUDENT PRACTICUM & SCHOLARSHIP SUPERVISION**

Supervisor, J.D./M.P.H. Candidate Independent Legal Writing: \_\_\_\_\_, THE GEORGE WASHINGTON UNIVERSITY LAW SCHOOL, Spring 2024

Supervisor, J.D./M.P.H. Candidate Independent Legal Writing: *Improving Access to HIV Preventive Interventions in the United States*, THE GEORGE WASHINGTON UNIVERSITY LAW SCHOOL, Spring 2023

Supervisor, B.S. Candidate Independent Writing: *An Analysis of Moral Hazard in Substance Use Disorder Policy*, THE GEORGE WASHINGTON UNIVERSITY, Milken Institute School of Public Health, Fall 2018

Supervisor, Course Project: *Policy and Management for High-Value Health Care*, DUKE UNIVERSITY, Duke-Margolis Center for Health Policy, 2018

Preceptor, M.P.H. Candidate Practicums, THE GEORGE WASHINGTON UNIVERSITY, Milken Institute School of Public Health, (2) Summer 2009-2010, (2) Summer 2019-2020

Preceptor, Course Project: *Management Approaches to Public Health*, THE GEORGE WASHINGTON UNIVERSITY, Milken Institute School of Public Health, 2010

Preceptor, M.P.H. Candidate Preceptorship (1), THE GEORGE WASHINGTON UNIVERSITY, Milken Institute School of Public Health, 2010