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EMPLOYMENT

University of Denver Sturm College of Law, Denver, CO

Associate Professor of Law with Tenure, 2023-
Assistant Professor of Law, 2018-23

Johns Hopkins University, Baltimore, MD

Assistant Professor of Health Policy & Management and (by courtesy) Philosophy, 2016-18

U.S. Court of Appeals for the Tenth Circuit, Denver, CO

Law Clerk to the Hon. Carlos F. Lucero, 2014-15

PUBLICATIONS [5,960 citations on Google Scholar, seventh most among scholars in “health law” category. H-index 24, i10-index 39.]

Law Journal Articles

1. *Defining Health Affordability*, 109 IOWA LAW REVIEW ____ (forthcoming 2023/24).
2. *Considering Vaccination Status*, 74 HASTINGS LAW JOURNAL 399 (2023).¹
3. *Reforming Age Cutoffs*, 56 UNIVERSITY OF RICHMOND LAW REVIEW 1007 (2022) (symposium).
4. *Allocating Medicine Fairly in an Unfair Pandemic*, 2021 UNIVERSITY OF ILLINOIS LAW REVIEW 1085 (2021).
 - Reviewed in JOTWELL: Nadia Sawicki, *Using Public Health Law to Minimize the Racially Disparate Impact of Covid-19* (Mar. 29, 2021), <https://health.jotwell.com/using-public-health-law-to-minimize-the-racially-disparate-impact-of-covid-19/>
5. *Pricing Drugs Fairly*, 62 WILLIAM & MARY LAW REVIEW 928 (2021).
6. *Expensive Patients, Reinsurance, and the Future of Health Care Reform*, 69 EMORY LAW JOURNAL 1153 (2020).
 - Reviewed in JOTWELL: Christina Ho, *Our Reinsurance Moment* (July 6, 2020), <https://health.jotwell.com/our-reinsurance-moment/>
7. *Choosing Affordable Health Insurance*, 88 GEORGE WASHINGTON LAW REVIEW 819 (2020).
8. *Evaluating the Legality of Age-Based Criteria in Health Care: From Nondiscrimination and Discretion to Distributive Justice*, 60 BOSTON COLLEGE LAW REVIEW 889 (2019).
 - Cited in *United States v. Scott*, 61 F.4th 855 (11th Cir. 2023).

¹ This journal is now known as the UC LAW SF JOURNAL.

9. *Paying Patients: Legal and Ethical Dimensions*, 20 YALE JOURNAL OF LAW & TECHNOLOGY 177 (2018).
10. *Bankruptcy Beyond Status Maintenance*, 11 VIRGINIA LAW & BUSINESS REVIEW 451 (2017).
11. *Law, Science, and the Injured Mind*, 67 ALABAMA LAW REVIEW 1179 (2016).
12. *Health Theater*, 48 LOYOLA UNIVERSITY CHICAGO LAW REVIEW 585 (2016).
13. *Priority-Setting, Cost-Effectiveness, and the Affordable Care Act*, 41 AMERICAN JOURNAL OF LAW AND MEDICINE 119 (2015) (peer reviewed).
14. *The Medical Cost Pandemic: Why Limiting Access to Cost-Effective Treatments Hurts the Global Poor*, 15 CHICAGO JOURNAL OF INTERNATIONAL LAW 559 (2015).
15. *When, and How, Should Cognitive Bias Matter to Law?* 32 LAW & INEQUALITY 31 (2014).
16. *Libertarian Patriarchalism: Nudges, Procedural Roadblocks, and Reproductive Choice*, 35 WOMEN'S RIGHTS LAW REPORTER 273 (2014) (symposium).

Shorter Works in Law Journals

1. *Equal Protection and Scarce Therapies: The Role of Race, Sex, and Other Protected Classifications*, 75 SMU LAW REVIEW FORUM 226 (2022).
2. *Minimum Age Cutoffs and the Fair Allocation of Benefits*, HARVARD HUMAN RIGHTS JOURNAL ONLINE (Nov. 2022), <https://harvardhrj.com/2022/11/minimum-age-cutoffs-and-the-fair-allocation-of-benefits/>
3. *Tailoring Public Health Policies*, 47 AMERICAN JOURNAL OF LAW & MEDICINE 176 (2021) (symposium).
4. *Setting Priorities Fairly in Response to Covid-19: Identifying Overlapping Consensus and Reasonable Disagreement*, 7 JOURNAL OF LAW & THE BIOSCIENCES 15 (2020) (peer reviewed; second author, with David Wasserman & Joseph Millum).
5. *Disability Law and the Case for Evidence-Based Triage in a Pandemic*, 130 YALE LAW JOURNAL FORUM 26 (2020).
6. *Examining Pharmaceutical Exceptionalism: Intellectual Property, Practical Expediency, and Global Health*, 18 YALE JOURNAL OF HEALTH POLICY, LAW & ETHICS 157 (2019) (peer reviewed).
7. *Considering Quality of Life While Repudiating Disability Injustice: The Pathways Approach to Priority-Setting*, 47 JOURNAL OF LAW, MEDICINE, & ETHICS 294 (2019) (peer reviewed).
8. *Beyond Administrative Tunnel Vision: Widening the Lens of Costs and Benefits*, 15 GEORGETOWN JOURNAL OF LAW & PUBLIC POLICY 941 (2017) (symposium).
9. *The Tarasoff Rule: The Implications of Interstate Variation and Gaps in Professional Training*, 42 JOURNAL OF THE AMERICAN ACADEMY OF PSYCHIATRY & LAW 469 (2014) (peer reviewed; second author, with Rebecca A. Johnson & Dominic Sisti).

10. Comment, *What Marriage Law Can Learn from Citizenship Law (And Vice Versa)*, 22 TULANE JOURNAL OF LAW & SEXUALITY 103 (2013).
 - First Prize, 2012 National LGBT Bar Association Student Writing Competition
 - Article of the Day, ImmigrationProf Blog.
11. Note, *Risk, Everyday Intuitions, and the Institutional Value of Tort Law*, 62 STANFORD LAW REVIEW 1445 (2010).
12. *Honest Services after Skilling: Judicial, Prosecutorial and Legislative Responses*, 11 AM. BAR ASS'N CRIMINAL LITIG. 1 (2010). Last author, with Iris E. Bennett, Jessie K. Liu & Cynthia J. Robertson.

Medical, Bioethics, and Health Policy Journals

1. *The Importance of Getting the Ethics Right in a Pandemic Treaty*, ___ LANCET INFECTIOUS DISEASES ___ (2023) (fifth author, with G. Owen Schaefer, Caesar Atuire, Sharon Kaur, Michael Parker, Maxwell Smith, Ross Upshur and Ezekiel Emanuel).
2. *Equitable Global Allocation of Monkeypox Vaccines*, ___ VACCINE ___ (2023) (fifth author, with G. Owen Schaefer, Ezekiel Emanuel, Caesar Atuire, RJ Leland, Henry S Richardson and Carla Saenz) doi: 10.1016/j.vaccine.2023.07.021
3. *The Shared Ethical Framework to Allocate Scarce Medical Resources: A Lesson From COVID-19*, 401 LANCET 1892 (2023) (second author, with Ezekiel J. Emanuel)
4. *Fair Domestic Allocation of Monkeypox Virus Countermeasures*, 8 LANCET PUBLIC HEALTH e378 (2023) (first author, with RJ Leland, Trygve Ottersen, Henry S Richardson, Carla Saenz, G Owen Schaefer, Ezekiel J. Emanuel).
5. *A Comprehensive Covid-19 Response—The Need for Economic Evaluation*, 386 NEW ENGLAND JOURNAL OF MEDICINE 2449 (2022) (first author, with Ankur Pandya).
6. *Reserve System Design for Allocation of Scarce Medical Resources in a Pandemic: Some Perspectives from the Field*, 38 OXFORD REVIEW OF ECONOMIC POLICY 924 (2022) (last author, with Parag A. Pathak, Tayfun Sonmez, and Utku Unver).
7. *Errors in Converting Principles to Protocols: Where the Bioethics of US Covid-19 Vaccine Allocation Went Wrong*, 52 HASTINGS CENTER REPORT 8 (2022) (second author, with William F. Parker and Monica E. Peek).
8. *Dose Optimisation and Scarce Resource Allocation: Two Sides of the Same Coin*, 12 BMJ OPEN e063436 (2022) (second author, with Garth Strohhahn, William F. Parker, and Srinivas Murthy).
9. *Flexible Administration of COVID-19 Vaccines and Therapeutics—A Call for Clarity Around Legality, Liability, and Compensation for Injury*, HEALTH AFFAIRS FOREFRONT (April 18, 2022),

<https://dx.doi.org/10.1377/forefront.20220414.165312> (first author, with Patricia J. Zettler and Holly Fernandez Lynch).

10. *COVID-19 Vaccine Refusal and Fair Allocation of Scarce Medical Resources*, 3 JAMA HEALTH FORUM E220356 (2022) (first author, with Emily Largent).
11. *Fair Access to Scarce Medical Capacity for Non-Covid-19 Patients: A Role for Reserves*, 376 BRITISH MEDICAL JOURNAL o276 (2022) (first author, with Parag A. Pathak, Tayfun Sonmez, and M. Utku Unver).
12. *COVID-19 Vaccine Boosters for All Adults: An Optimal U.S. Approach?* 175 ANNALS OF INTERNAL MEDICINE 280 (2022) (last author, with Ameet Sarpatwari, Ankur Pandya, & Emily P. Hyle).
13. *Race-Specific, State-Specific COVID-19 Vaccination Rates Adjusted for Age*, 8 SOCIUS 23780231221082401 (2022) (last author, with Elizabeth Wrigley-Field and Kaitlin M. Berry).
14. *Ethics Rounds, Off-Label Prescription of COVID-19 Vaccines in Children: Clinical, Ethical, and Legal Issues*, 149 PEDIATRICS E2021054578 (2022) (first author, with Patricia J. Zettler, Holly Fernandez Lynch; roundtable with Jennifer E. deSante-Bertkau, Timothy K. Knilans, & Armand H. Matheny Antommaria).
15. *Fair Allocation of Scarce Therapies for Coronavirus Disease 2019 (COVID-19)*, CLINICAL INFECTIOUS DISEASES (2022), doi: 10.1093/cid/ciab1039 (first author, with Monica Peek and Seema Shah). Electronically published ahead of print.
16. *A Multi-center Weighted Lottery to Equitably Allocate Scarce COVID-19 Therapeutics*, 206 AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE 503 (2022) (seventh author, with Doug White, Erin McCreary, Chung-Chou Chang, Mark Schmidhofer, J. Ryan Bariola, Naudia Jonassaint, Bob Truog, Parag A. Pathak, Tayfun Sonmez, M. Utku Unver)
17. *Ethical Considerations of Offering Benefits to COVID-19 Vaccine Recipients*, 326 JAMA 221 (2021) (first author, with Ezekiel J. Emanuel).
18. *Allocating Scarce Life-Saving Resources: The Proper Role of Age*, 47 JOURNAL OF MEDICAL ETHICS 836 (2021) (first author, with Steven Joffe).
19. Letter in reply to Bernard Prusak et al., 51 HASTINGS CENTER REPORT 58 (2021).
20. *Against Exclusive Survivalism: Preserving Life and Protecting the Disadvantaged in Resource Allocation*, 51 HASTINGS CENTER REPORT 47 (2021).
21. Letter, *Obligations in a Global Health Emergency—Authors' Reply*, 398 LANCET 2072 (2021). (fifth author alphabetically, with Ezekiel J. Emanuel, Cécile Fabre, Lisa Herzog, Ole F. Norheim, G. Owen Schaefer, & Kok-Chor Tan).
22. *What Are the Obligations of Pharmaceutical Companies in a Global Health Emergency?* 398 LANCET 1015 (2021) (last author, with Ezekiel J. Emanuel, Allen Buchanan, Shuk Ying Chan, Cecile Fabre, Daniel Halliday, Joseph Heath, Lisa Herzog, RJ Leland, Matthew McCoy, Ole

- F. Norheim, Carla Saenz, G. Owen Schaefer, Kok-Chor Tan, Christopher Heath Wellman, & Jonathan Wolff).
23. *Public Perspectives on COVID-19 Vaccine Prioritization*, 4 JAMA NETWORK OPEN e217943 (2021) (first author, with Ezekiel J. Emanuel, Samantha Sangenito, Aaron Glickman, Steven Phillips, & Emily A. Largent).
 24. *Incorporating Health Equity Into COVID-19 Reopening Plans: Policy Experimentation in California*, 111 AMERICAN JOURNAL OF PUBLIC HEALTH 1481 (2021) (second author, with Emily Largent, Michelle Mello, Danielle Wenner, Daniel Kramer, Brownsyne Tucker Edmonds, & Monica E. Peek).
 25. *Fair Allocation at COVID-19 Mass Vaccination Sites*, 2 JAMA HEALTH FORUM e210464 (2021) (second author, with William F. Parker & Monica E. Peek).
 26. Invited Commentary, *Improving the Ethical Review of Health Policy and Systems Research: Some Suggestions*, 49 JOURNAL OF LAW, MEDICINE & ETHICS 123 (2021).
 27. *Sustainability, Equal Treatment, and Temporal Neutrality*, 47 JOURNAL OF MEDICAL ETHICS 106 (2021).
 28. Letter, *Prioritizing the Prevention of Early Deaths from COVID-19*, 51 HASTINGS CENTER REPORT 42 (2021).
 29. *Determining the Number of Refugees to be Resettled in the United States: An Ethical and Policy Analysis*, 19 JOURNAL OF IMMIGRANT & REFUGEE STUDIES 142 (2021) (fifth author, with Rachel Fabi, Leonard Rubenstein, Paul Spiegel, Namrita Singh, & Daniel Serwer).
 30. *Fairly Prioritizing Groups for Access to COVID-19 Vaccines*, 324 JAMA 1601 (2020) (first author, with Monica E. Peek & Ezekiel J. Emanuel).
 31. *An Ethical Framework for Global Vaccine Allocation*, 369 SCIENCE 1309 (2020) (second author, with Ezekiel J. Emanuel, Adam Kern, Allen Buchanan, Cécile Fabre, Daniel Halliday, Joseph Heath, Lisa Herzog, R.J. Leland, Ephrem T. Lemango, Florencia Luna, Matthew S. McCoy, Ole F. Norheim, Trygve Ottersen, G. Owen Schaefer, Kok-Chor Tan, Christopher Heath Wellman, Jonathan Wolff, & Henry S. Richardson).
 32. *US Public Attitudes Toward COVID-19 Vaccine Mandates*, 3 JAMA NETWORK OPEN e2033324 (2020) (second author, with Emily Largent, Samantha Sangenito, Aaron Glickman, Connor Boyle, & Ezekiel J. Emanuel).
 33. *The Ethics of COVID-19 Immunity-Based Licenses (“Immunity Passports”)*, 323 JAMA 2241N (2020) (first author, with Ezekiel J. Emanuel).
 34. *Respecting Disability Rights — Toward Improved Crisis Standards of Care*, 383 NEW ENGLAND JOURNAL OF MEDICINE e26 (2020) (second author, with Michelle Mello & Douglas White).

35. Letter, *Allocating Medical Resources in the Time of COVID-19—Authors' Reply*, 382 NEW ENGLAND JOURNAL OF MEDICINE e79 (2020) (first author, with James Phillips & Ezekiel J. Emanuel).
36. *Fair Allocation of Scarce Medical Resources in the Time of COVID-19*, 382 NEW ENGLAND JOURNAL OF MEDICINE 2049 (2020) (second author, with Ezekiel J. Emanuel, Ross Upshur, Beatriz Thome, Michael Parker, Aaron Glickman, Cathy Zhang, Connor Boyle, Maxwell Smith, & James Phillips).
 - Reprinted in *BIOETHICS: PRINCIPLES, ISSUES, AND CASES* 5th ed. (Lewis Vaughn ed. 2022). Oxford University Press.
37. *Should Pediatric Patients Be Prioritized When Rationing Life-Saving Treatments During the COVID-19 Pandemic?* 146 PEDIATRICS E2020012542 (2020) (first author, with Douglas White; roundtable with Ryan Antiel, Farr A. Curlin, Cathy Zhang, Aaron Glickman, Ezekiel J. Emanuel, & John D. Lantos).
38. *A Conceptual Framework for Clearer Ethical Discussions About COVID-19 Response*, 20 AMERICAN JOURNAL OF BIOETHICS 98 (2020).
39. *Categorized Priority Systems: A New Tool for Fairly Allocating Scarce Medical Resources in the Face of Profound Social Inequities*, 159 CHEST 1294 (2020) (fourth author, with Tayfun Sonmez, Parag Pathak, Utku Unver, Robert Truog, and Douglas White).
40. *Eliminating Categorical Exclusion Criteria in Crisis Standards of Care Frameworks*, 20 AMERICAN JOURNAL OF BIOETHICS 28 (2020) (fourth author, with Catherine Auriemma, Ashli Molinero, Amy Houtrow, Douglas White, & Scott Halpern).
41. *Advance Directives and Transformative Experience: Resilience in the Face of Change*, 20 AMERICAN JOURNAL OF BIOETHICS 69 (2020). Invited.
42. *Are Medicaid Closed Formularies Unethical? Social Values and Limit-Setting*, 21 AMERICAN MEDICAL ASSOCIATION JOURNAL OF ETHICS 654 (2019) (invited; second author, with Leah Rand).
43. *Differential Payment to Research Participants: An Ethical Analysis*, 45 JOURNAL OF MEDICAL ETHICS 318 (2019) (first author, with Holly Fernandez Lynch and Emily Largent).
44. *Will More Organs Save More Lives? Cost-Effectiveness and the Ethics of Expanding Organ Procurement*, 33 BIOETHICS 684 (2019).
45. *Authority Without Identity: Defending Advance Directives via Posthumous Rights over One's Body*, 45 JOURNAL OF MEDICAL ETHICS 249 (2018).
46. *The Case for Resource-Sensitivity: Why It Is Ethical to Provide Cheaper, Less-Effective Treatments in Global Health*, 47 HASTINGS CENTER REPORT 17 (2017) (first author, with Ezekiel J. Emanuel).

- Featured article with commentaries by Alex London (Carnegie Mellon), Richard Marlink (Harvard), & Paul Ndebele (Medical Research Council of Zimbabwe).
47. Letter, *Dilemmas in Access to Medicines: A Humanitarian Perspective – Authors’ Reply*, 389 LANCET 10073 (2017) (second author, with Ezekiel J. Emanuel).
 48. *What Is the Relevance of Procedural Fairness to Making Determinations about Medical Evidence?* 19 AMERICAN MEDICAL ASSOCIATION JOURNAL OF ETHICS 183 (2017) (invited).
 49. *The Ethics of Expanding Access to Cheaper, Less-Effective Treatments*, 388 LANCET 932 (2016) (first author, with Ezekiel J. Emanuel).
 50. *Expanding Deliberation in Critical-Care Policy Design*, 16 AMERICAN JOURNAL OF BIOETHICS 60 (2016): 60-63 (invited).
 51. *Clinical Research: Should Patients Pay to Play?* 7 SCIENCE TRANSLATIONAL MEDICINE 298 (2015) (last author, with Ezekiel J. Emanuel, Steven Joffe, Christine Grady, & David Wendler).
 52. Poster, *Offensive Defensive Medicine: The Ethics of Digoxin Injections in Response to the Partial Birth Abortion Ban*, 90 CONTRACEPTION 304 (2014) (second author, with Colleen Denny & Elena Gates).
 53. *Misuse Made Plain: Evaluating Concerns About Neuroscience in National Security*, 1 AJOB NEUROSCIENCE 15 (2010) (seventh author, with Kelly Lowenberg, Brenda M. Simon, Amy Knight Burns, Libby Greismann, Jennifer M. Halbleib, David L.M. Preston, Harker Rhodes, & Emily M. Murphy).
 54. *Standing by Our Principles: Meaningful Guidance, Moral Foundations, and Multi-Principle Methodology in Medical Scarcity*, 4 AMERICAN JOURNAL OF BIOETHICS 46 (2010) (first author, with Ezekiel J. Emanuel & Alan Wertheimer).
 55. Letter, *Ethical Criteria for Allocating Health-Care Resources—Authors’ Reply*, 373 LANCET 1425 (2009) (first author, with Ezekiel J. Emanuel & Alan Wertheimer).
 56. *Principles for Allocation of Scarce Medical Interventions*, 373 LANCET 423 (2009) (first author, with Ezekiel J. Emanuel & Alan Wertheimer).
 - Reprinted in *ETHICAL ISSUES IN MODERN MEDICINE*, 8th ed. (John Arras, Bonnie Steinbock, & Alex London eds. 2012).
 57. *Are Physicians Willing to Ration Health Care? Conflicting Findings in a Systematic Review of Survey Research*, 90 HEALTH POLICY 113 (2009) (second author, with Daniel Strech, Georg Marckmann, & Marion Danis).
 58. *Including Persons with HIV Infection in Cancer Clinical Trials*, 26 J. CLIN. ONCOLOGY 1027 (2008) (first author, with Richard F. Little & Christine Grady).

59. *The Current State of Medical School Education in Bioethics, Health Law, and Health Economics*, 36 JOURNAL OF LAW, MEDICINE, & ETHICS 89 (2008) (first author, with Linden Elder, Laura Sedig, Leonardo Flores & Ezekiel J. Emanuel).

Book Chapters

1. *Transparency Trade-Offs: Priority-Setting, Scarcity, and Health Fairness*, in TRANSPARENCY IN HEALTH AND HEALTH CARE IN THE UNITED STATES (Holly Fernandez Lynch, I. Glenn Cohen, Carmel Shachar & Barbara J. Evans eds. 2019): 44-57. Cambridge University Press.
2. *Justice and Public Health*, in OXFORD HANDBOOK OF PUBLIC HEALTH ETHICS (Nancy Kass, Jeff Kahn & Anna Mastroianni eds. 2019): 33-46. Oxford University Press.
3. *Cost-Effectiveness in Animal Health*, THE ROUTLEDGE HANDBOOK OF ANIMAL ETHICS (Bob Fischer ed. 2019).
4. *The Case for Valuing Non-Health and Indirect Benefits*, in GLOBAL HEALTH PRIORITY-SETTING: BEYOND COST-EFFECTIVENESS (Ole F. Norheim, Ezekiel J. Emanuel & Joseph Millum eds. 2019): 207-22 (first author, with Jessica du Toit). Oxford University Press.
5. *Public Preferences About Fairness and the Ethics of Allocating Scarce Medical Interventions*, in INTERDISCIPLINARY PERSPECTIVES ON FAIRNESS, EQUITY AND JUSTICE (Meng Li & David Tracer eds. 2017): 51-65. Springer.
6. *Sufficiency, Comprehensiveness of Healthcare Coverage and Cost-Sharing Arrangements in the Realpolitik of Health Policy*, in WHAT IS ENOUGH? SUFFICIENCY, JUSTICE, AND HEALTH (Carina Fourie and Annette Rid eds. 2016): 267-80 (first author, with Harald Schmidt). Oxford University Press.
7. *Should Research Ethics Encourage the Production of Cost-Effective Interventions?* in ETHICS AND GOVERNANCE OF BIOMEDICAL RESEARCH: THEORY AND PRACTICE (Daniel Strech & Marcel Mertz eds. 2016): 13-28. Springer.
8. *Democratic Deliberation and the Ethical Review of Human Subjects Research*, in HUMAN SUBJECTS RESEARCH REGULATION: PERSPECTIVES ON THE FUTURE (I. Glenn Cohen & Holly Fernandez Lynch eds. 2014): 157-72. MIT Press.

Philosophy Journal Articles

1. *Distributive Justice and the Relief of Household Debt*, 26 JOURNAL OF POLITICAL PHILOSOPHY 327 (2018).
2. *Downward Mobility and Rawlsian Justice*, 175 PHILOSOPHICAL STUDIES 277 (2018).
3. Retrospective Essay, *On H.M. Oliver's "Established Expectations and American Economic Policies,"* 125 ETHICS 829 (2015).
4. *Equality via Mobility: Why Socioeconomic Mobility Matters for Relational Equality, Distributive Equality, and Equality of Opportunity*, 31 SOCIAL PHILOSOPHY AND POLICY 158 (2015).

Op-Eds and White Papers

1. *Why the FDA Was Wrong to Delay Authorization of Vaccines for Kids Under 5*, WASHINGTON POST (Feb. 17, 2022), <https://www.washingtonpost.com/opinions/2022/02/17/why-fda-was-wrong-delay-authorization-vaccines-kids-under-5/>. First author, with Alyssa Burgart and Emily A. Largent.
2. *We Can Help Many of the 2,200 People Dying of COVID Every Day*, BOSTON GLOBE (Feb. 2, 2022), <https://www.bostonglobe.com/2022/02/02/opinion/who-should-get-first-dibs-scarce-covid-drugs/>. Second author, with Ezekiel J. Emanuel.
3. *In the Line for Scarce Covid Treatments, Immunocompromised Americans Should Go Before the Unvaccinated*, WASHINGTON POST (Jan. 26, 2022), <https://www.washingtonpost.com/opinions/2022/01/26/line-scarce-covid-treatments-immunocompromised-americans-should-go-before-unvaccinated/>. First author, with Emily Largent.
4. *Should Booster Shots be Mandatory? It's Hard to Justify*. WASHINGTON POST (Nov. 1, 2021), <https://www.washingtonpost.com/opinions/2021/11/01/should-boosters-shots-be-mandatory-its-hard-justify/>
5. *American COVID Boosters and Global Vaccinations: How to Ensure Both Get Done*, BOSTON GLOBE (Sept. 9, 2021), <https://www.bostonglobe.com/2021/09/09/opinion/american-covid-boosters-global-vaccinations-how-ensure-both-get-done/>. First author, with William F. Parker and Ezekiel J. Emanuel.
6. *Why The Biden Administration's Recommendation on Booster Shots Is a Mistake*, WASHINGTON POST (Aug. 18, 2021), <https://www.washingtonpost.com/opinions/2021/08/18/why-biden-administrations-recommendation-booster-shots-is-mistake/>. Second author, with William F. Parker.
7. *Millions of Vaccines Are About to Expire. The U.S. Might Just Let Them Go to Waste*, WASHINGTON POST (July 27, 2021), <https://www.washingtonpost.com/outlook/2021/07/27/coronavirus-vaccine-waste/>. First author, with Holly Fernandez Lynch.
8. *Can COVID-19 Vaccines Be Global Public Goods?* BMJ OPINION (July 22, 2021), <https://blogs.bmj.com/bmj/2021/07/22/can-covid-19-vaccines-be-global-public-goods/>. First author, with Ezekiel J. Emanuel.
9. *This Is the Wrong Way to Distribute Badly Needed Vaccines*, N.Y. TIMES (May 24, 2021), <https://www.nytimes.com/2021/05/24/opinion/vaccine-covid-distribution.html>. Second author, with Ezekiel J. Emanuel.
10. *Yes, It's Legal for Businesses and Schools to Require You to Get the COVID-19 Vaccine*, WASHINGTON POST (May 4, 2021). Second author, with Holly Fernandez Lynch.

11. *Extending the Johnson & Johnson Vaccine Pause for a Week Was a Deadly Mistake*, WASHINGTON POST (Apr. 17, 2021), <https://www.washingtonpost.com/opinions/2021/04/17/extending-johnson-johnson-vaccine-pause-week-was-deadly-mistake/>. First author, with William F. Parker.
12. *In the Face of a COVID Surge, The US Should Delay Second Doses*, USA TODAY (Apr. 8, 2021), <https://www.usatoday.com/story/opinion/2021/04/08/covid-surge-deliver-first-vaccine-shots-delay-second-doses-column/7122747002/>. First author, with Ezekiel J. Emanuel & William Fiske Parker.
13. *US Should Share Vaccines It's Not Using with the World*, BOSTON GLOBE (Mar. 31, 2021), <https://www.bostonglobe.com/2021/03/30/opinion/us-should-share-vaccines-its-not-using-with-world/>. Second author, with Ezekiel J. Emanuel.
14. *Age-Based Vaccine Distribution Is Not Only Unethical. It's Also Bad Health Policy*. WASHINGTON POST (Mar. 9, 2021), <https://www.washingtonpost.com/opinions/2021/03/09/age-based-covid-vaccine-distribution-unethical/>. First author, with Emily A. Largent and Ezekiel J. Emanuel.
15. *A Model Hospital Policy for Fair Allocation of Medications to Treat COVID-19*, University of Pittsburgh (May 28, 2020), <https://ccm.pitt.edu/node/1133>. Co-author.
16. *What Are the Ethics Behind Covid-19 "Immunity Passports"?* WASHINGTON POST (May 10, 2020), <https://www.washingtonpost.com/opinions/2020/05/10/immunity-licenses-could-help-with-reopening-only-when-implemented-properly/> First author, with Ezekiel J. Emanuel.
17. *Fair Coronavirus Triage Guidelines—Not Business as Usual—Will Save More Patients with Disabilities from Covid-19*, DENVER POST (Apr. 7, 2020). First author, with Joseph Millum.
18. *How the Coronavirus May Force Doctors to Decide Who Lives, Who Dies*, N.Y. TIMES (Mar. 12, 2020). Second author, with Ezekiel J. Emanuel & James P. Phillips.

Blog Posts

1. *How to Fairly Allocate Scarce COVID-19 Therapies*, BILL OF HEALTH (Jan. 31, 2022), <https://blog.petrieflom.law.harvard.edu/2022/01/31/how-to-fairlyallocate-scarce-covid-19-therapies/>. First author, with Monica Peek and Seema Shah.
2. *Who Should Be Prioritized for Scarce Medical Assistance?* BAYLOR COLLEGE OF MEDICINE BLOG (Jan. 21, 2022), <https://blogs.bcm.edu/2022/01/21/who-should-be-prioritized-for-scarcemedical-assistance/>
3. *Vaccinating the World: The Problem with Drop-in-the-Bucket Thinking*, AMERICAN JOURNAL OF BIOETHICS BLOG (Oct. 6, 2021), <https://bioethicstoday.org/blog/vaccinating-the-world-the-problem-with-drop-in-the-bucket-thinking/>
4. *Should Vaccinating Children Off-Label Against COVID-19 Be Universally Prohibited?* BILL OF HEALTH (Oct. 6, 2021), <https://blog.petrieflom.law.harvard.edu/2021/10/06/vaccinating-children-off-label-covid/>. First author, with Patricia J. Zettler and Holly Fernandez Lynch.

5. *Can Vaccine Allocation Plans Legally Respond to Racial Disparities?* BILL OF HEALTH (Mar. 29, 2021), <https://blog.petrieflom.law.harvard.edu/2021/03/29/vaccine-allocation-racial-disparities/>
6. *Four Recommendations to Efficiently and Equitably Accelerate the COVID-19 Vaccine Rollout*, HEALTH AFFAIRS BLOG (Feb. 20, 2021), <https://www.healthaffairs.org/doi/10.1377/hblog20210204.166874/full/>. Second author, with William F. Parker and Monica Peek.
7. *Philosophers on Access to Medicine*, DAILY NOUS (Oct. 28, 2020), <https://dailynous.com/2020/10/28/philosophers-access-medicine/>
8. *Arizona's Crisis Standards of Care and Fair Allocation of Resources During COVID-19*, BILL OF HEALTH (Aug 6, 2020), <https://blog.petrieflom.law.harvard.edu/2020/08/06/arizonas-crisis-standards-care-covid19/>
9. *Diversity and Solidarity in Response to Covid-19*, HASTINGS BIOETHICS FORUM (May 13, 2020), <https://www.thehastingscenter.org/diversity-and-solidarity-in-response-to-covid-19/> . First author, with David Wasserman.
10. *How Triage During COVID-19 Can be Fair to Patients with Disabilities*, BILL OF HEALTH (Apr. 13, 2020), <https://blog.petrieflom.law.harvard.edu/2020/04/13/triage-disabilities-coronavirus-ethics-law/>
11. *Pandemic Guidelines, Not Changed Malpractice Rules, Are the Right Response to COVID-19*, BILL OF HEALTH (Mar. 30, 2020), <https://blog.petrieflom.law.harvard.edu/2020/03/30/pandemic-guidelines-malpractice-covid19/>. Second author, with Valerie Gutmann Koch & Wendy Netter Epstein.
12. *Do Pharmaceutical Patents Generate Unique Global Health Duties?* BILL OF HEALTH (Dec. 12, 2019), <https://blog.petrieflom.law.harvard.edu/2019/12/12/pharmaceutical-patents-global-health-ethics-ip/>
13. *What Should We Ask About Age-Based Criteria in Healthcare?* BILL OF HEALTH (May 1, 2019), <https://blog.petrieflom.law.harvard.edu/2019/05/01/what-should-we-ask-about-age-based-criteria-in-healthcare/>
14. *Vulnerability, Coercion, and Undue Influence: From the Mud into the Muck?* BILL OF HEALTH (Nov. 23, 2015), <https://blog.petrieflom.law.harvard.edu/2015/11/23/vulnerability-coercion-and-undue-influence-from-the-mud-into-the-muck/>
15. *The Action-Inaction Distinction Before NFIB v. Sebelius*, LAW & BIOSCIENCES BLOG (July 22, 2012), <https://law.stanford.edu/2012/07/22/the-action-inaction-distinction-before-nfib-v-sebelius-2/>

RECENT PRESENTATIONS (since 2017)

Law

Panelist, *The Future of Human Rights and Justice-Centered Ethics in Epidemic Response*, UCLA School of Law (upcoming Nov. 2023).

Equitably Valuing Medicine

Works-in-Progress Talk, Program on Regulation, Therapeutics, and Law, Harvard Medical School, May 5, 2023.

Low-Stress All-Online Health Law Conference, April 28, 2023.

Regulation and Innovation in the Biosciences Workshop, University of Iowa College of Law, May 20, 2022.

Defining Health Affordability

Seventh Annual Health Law Professors Retreat, Seton Hall Law School, Jan. 13, 2023.

Low-Stress All-Online Health Law Conference, May 6, 2022.

Panelist, *Workshop on Discrimination on the Basis of Chronological Age*, Harvard Law School Human Rights Program (conveners: Profs. Gerald Neuman, Harvard, and Benyam Mezmur, University of the Western Cape), Nov. 18, 2022

Flexible Administration of COVID-19 Vaccines and Therapies, At the Cutting Edge: Regulating Innovation and the Biosciences, University of Iowa College of Law, May 19, 2022.

Symposium panelist, *Forming a More Perfect Union with Public Health Law*, University of Richmond Law Review. Mar. 25, 2022.

Guest presenter, *Taboo Trades* podcast (hosted by Prof. Kim Krawiec, University of Virginia Law School). Topic: market approaches in vaccine allocation. Mar. 20, 2022.

Considering Vaccination Status

AALS Health Law Section Virtual Health Law Workshop, Dec. 2021.

Rocky Mountain Junior Scholars Conference, Nov. 2021.

Petrie-Flom Center Workshop, Harvard Law School, Sept. 2021. Invited.

Reforming Age Cutoffs

Washington University in St. Louis School of Law Faculty Workshop, Oct. 2021. Invited.

Symposium panelist, *High-Cost Treatment Disparities: Who Gets Access, Who Pays?* Jaharis Health Law Institute, DePaul College of Law, April 2021. Invited.

Panelist, *Racial Injustice in COVID-19 Vaccine Distribution* UC Hastings College of the Law, March 2021. Invited.

The Use of Biotech in the COVID-19 Pandemic

Solomon Center/Petrie-Flom COVID-19 and the Law Seminar Series, Feb. 2021. Panel discussion.

COVID-19 Vaccines: The Duties of Pharmaceutical Companies

Harvard University Program on Regulation, Therapeutics, and Law, Jan. 2021. Invited.

Implications of a Repealed ACA

Colorado State of Reform Conference, Nov. 2020. Panel discussion with Tom Donohoe and Lauren Carboni. Presented online. Invited.

Disability Law and the Case for Evidence-Based Triage in a Pandemic

Yale Law Journal Scholarship Discussion Group, August 2020. With Prof. Samuel Bagenstos (Michigan). Invited.

The Ethics of COVID-19 Immunity-Based Licenses (“Immunity Passports”)

American Society for Bioethics and Humanities, Oct. 2020. Panel discussion with Vardit Ravitsky and Kathryn Olivarius.

American Society for Bioethics and Humanities Law and Bioethics Affinity Group, July 2020. Invited.

Discussant for Christina Ho’s *Health Reinsurance as a Human Right*

AALS Health Law Section Virtual Health Law Workshop, June 2020. Invited.

Legal Structures and the Fair Sharing of Health Care Costs

Law and Society Annual Meeting, Denver, CO, May 2020. Presented online.

Applying a Market Failures Approach to Professional Ethics

University of Colorado Center for Values and Social Policy Workshop, Boulder, CO, May 2020. Presented online.

Disability, COVID-19, and Triage: Exploring Resource Allocation and the Framing of Disability

Petrie-Flom Center for Health Law Policy, Bioethics, and Biotechnology at Harvard Law School, Cambridge, MA, April 2020. Presented online. Panel discussion with Profs. Leslie Francis (Utah), Michael Stein (Harvard) and Omar Haque (Harvard).

Legality of and Challenges to Rationing Medical Resources

Public Health Law Watch COVID Law Briefing, Center for Health Policy and Law, Northeastern University School of Law, Boston, MA, April 2020. Presented online. Panel discussion with Profs. Diane Hoffman (Maryland), Leslie Francis (Utah), Sam Bagenstos (Michigan).

Pricing Drugs Fairly

Law and Biosciences Workshop, Stanford Law School, January 2020

Junior Scholars Workshop, Marquette University Law School, Oct 2019

Works-in-Progress Talk, Department of Bioethics, National Institutes of Health, Sept 2019

Regulation and Innovation in the Biosciences, Copenhagen, Denmark, June 2019.

Health Insurance and the Value of Treatment Differentiation

ASLME Health Law Professors Conference, June 2019.

Comments on Andrew Stewart, “Anger, Revenge, and Tort Law”

American Philosophical Association, Central Division, Denver, CO, Feb 2019

Beyond QALY Maximization and Antidiscrimination: A Moderate Approach to Priority-Setting for Patients with Disabilities

Petrie-Flom Conference: Beyond Disadvantage: Disability, Law, and Bioethics, Harvard Law School, Cambridge, MA, June 2018. Among ~10% of abstracts accepted.

Intellectual Property and Access to Health Care: Beyond Pharmaceutical Exceptionalism

ASLME BioIP Workshop, Georgia State University College of Law, May 2018
Bowdoin College, Brunswick, ME, April 2018

Adequacy and Equality in Health Insurance Benefit Design

Michigan Law 4th Annual Junior Scholars Conference, University of Michigan, Ann Arbor, April 2018.

Mid-Atlantic Health Law Professors Retreat, Seton Hall Law School, February 2018

When Are Age-Based Classifications Appropriate in Medical Decisionmaking? Discrimination, Discretion, and Distributive Justice

ASLME Health Law Scholars Workshop, St. Louis University School of Law, October 2017

Taxing Health

ASLME Health Law Professors Conference, June 2017

Transparency Trade-Offs: Priority-Setting, Scarcity, and Health Fairness

Petrie-Flom Conference on Transparency in Health and Health Care, Harvard Law School, Cambridge, MA, April 2017. Among ~12% of abstracts accepted.

When Should Employee Health Be Employers' Business?

Zicklin Center Normative Business Ethics Workshop, Department of Legal Studies and Business Ethics, The Wharton School, University of Pennsylvania, January 2017

Paying Patients: Legal and Ethical Dimensions

Mid-Atlantic Health Law Professors Retreat, Seton Hall Law School, February 2017

ASLME Health Law Professors Conference, June 2016

Medical Ethics and Health Policy

Triage in Educational Ethics

Educational Ethics: A Field-Launching Conference, Harvard University Graduate School of Education & Safra Center for Ethics, May 6, 2023. Invited.

Panelist, *Toward an Anti-Racist Bioethics*, University of Wisconsin-Madison School of Medicine and Public Health, upcoming Apr. 14, 2023. Invited. With Profs. Yolonda Wilson (Saint Louis University), Keisha Ray (McGovern Medical School, UTHealth Houston), Jasmine Zapata (UW-Madison), Shiva Bidar-Sielaff (UW Health), Camisha Russell (Oregon).

Rationing Fairly in an Unfair World

University of North Carolina Philosophy, Politics, and Economics Program, upcoming Oct. 2023.

Works-in-Progress Talk, Greenwall Foundation Faculty Scholars Workshop, March 28, 2023.

Panelist, *The Ethics of Providing Health Care*, California State University-Sacramento, Dec. 2, 2022. Invited. With Profs. Katherine Gudiksen (UC Hastings), Melissa Alexander (Wyoming Law).

Expert Presenter for Meet-the-Experts Event, *Public Bioethics*, American Society for Bioethics and Humanities Annual Meeting, Portland, OR, Oct. 28, 2022. Invited.

Panelist, *What Does Dobbs v Jackson Mean for Oncology Patients and Providers? Current Considerations for Pregnancy and Fertility in the Oncology Setting*, Advanced Practitioner Society for Hematology and Oncology National Meeting, Aurora, CO, Oct. 21, 2022. Invited.

Panelist, *Paying Participants for Research Participation*, WCG IRB International Fellows Program – Spring Capsule, May 17, 2022. Invited.

Fair Allocation in an Unfair World: The Ethics of Allocating Scarce Medical Resources, Baruch A. Brody Lecture in Bioethics, Houston Methodist Hospital/Baylor College of Medicine, Feb. 1, 2022.

Preserving Choice in Pandemic Response
 Social Philosophy and Policy Workshop (convener: Prof. Allen Buchanan, Univ. of Arizona), May 12-14, 2022. Invited.
 Works-in-Progress Series, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Jan. 31, 2022.

Panelist, *What's the Deal with Vaccine (In)Equity?* Romero Day 2022, Research Center for Access-To-Medicine, KU Leuven, Mar. 17, 2022. Invited.

Panelist, American Society of Transplantation, *Psychosocial & Ethics Community of Practice (PSECOP) Ethics Webinar on COVID-19 Vaccination*, Nov. 2021.

Commentator, Takunda Matose, “Reconsidering Fairness,” Edmond J. Safra Center for Ethics Fellows Workshop, Harvard University, Nov. 2021.

Equity and the Allocation of Scarce Medical Interventions, National Academy of Sciences, Engineering, and Medicine, Nov. 2021.

New Challenges in Scarce Resource Allocation, Greenwall Foundation Faculty Scholars Workshop, Nov. 2021.

Defining Global Vaccine Equity, Greenwall Foundation Philosophical Bioethics Works-in-Progress Group, June 2021.

Fair Global Distribution of Covid-19 Vaccines: The Role of Firms
 Keynote address, Society for Business Ethics, July 2021. Invited.
 St. Joseph University, Business Ethics Program, Mar. 24, 2022. Invited.

Panelist, Author-Meets-Critics Session, Nicole Hassoun, *Global Health Impact* American Philosophical Association, Pacific Division, April 2021. Invited.

Implementing COVID-19 Vaccine Allocation: Legal and Equity Considerations

Bucksbaum Institute for Clinical Excellence and MacLean Center for Clinical Medical Ethics, University of Chicago, Mar. 2021. Invited.

Panelist, *Ethics, COVID and Surgery*

ASBH Surgical Ethics Affinity Group–Consortium of Surgical Ethics, Mar. 2021. Invited.

Panelist, *Employer Obligations and COVID-19 Vaccines*

Rutgers Center for Population-Level Bioethics, Mar. 2021. Invited.

Plenary Presenter, *Business and Society*

Stern School of Business, New York University, Mar. 2021. Invited.

COVID-19 Vaccines and Allocation

American Journal of Bioethics/Stanford Center for Biomedical Ethics Webinar, Feb. 2021. Panel discussion with Monica Peek, Kathy Kinlaw, Grace Lee. Invited.

Who's Essential? The Ethics of COVID Vaccination

Ohio State University COMPAS Webinar, Feb. 2021. Panel discussion with Anne Barnhill.

An Ethical Framework for Global Vaccine Allocation

Safra Center for Ethics, Harvard University, Sept. 2020. Presented online. Invited.

The Ethics of COVID-19 Immunity-Based Licenses (“Immunity Passports”)

Emory University, Feb. 2021.

Penn Bioethics Seminar, June 2020. Invited..

Global Health Priority-Setting: Beyond Cost-Effectiveness, panel with Joe Millum, Zeke Emanuel, Mieraf Tadesse Tolla

International Association of Bioethics, Philadelphia, PA, June 2020. Presented online.

Offsetting Animal Research

International Association of Bioethics, Philadelphia, PA, June 2020. Presented online.

Ethics and COVID-19: Scarce Resource Allocation. Panel with Sarah Vittone (Georgetown).

George Washington University, Milken Institute of Public Health, Bioethics Interest Group, May 2020. Presented online.

Crisis Triage and People with Disabilities

University of Colorado-Anschutz Medical Center. Invited. Panel discussion with Matthew Wynia (Colorado), Julie Reiskin (Colorado Cross-Disability Coalition), Daniel Goldberg (Colorado).

Allocation of Remdesivir and ECMO During the COVID-19 Pandemic

DC Regional Ethics Consortium, May 2020. Presented by telephone.

Global Health Provision and Justice, discussion with Paul Farmer (Harvard)

Safra Center for Ethics, Harvard University, Apr. 2020. Presented online. Invited.

Payment in Research Ethics

Conversations About Research Ethics, Ohio State University, Oct. 2019. Invited.

Financial Protection in Universal Health Coverage

CeBIL/RIBS Symposium, University of Copenhagen, June 2019

Philosophy Interest Group, American Society for Bioethics and Humanities, October 2017

Lifetime Limits on Health Care

Institute for the Study of Markets and Ethics, Georgetown University, February 2019

Differential Payment to Research Participants: An Ethical Analysis

Center for Values and Social Policy, University of Colorado, September 2018

Comments on Alison Massof, “Doctors: Collaborators or Contractors?”

Rocky Mountain Ethics Congress, University of Colorado, August 2018

When Can Health Differences Justify Wealth Differences?

Workshop on Current Issues in Ethics and Economics, Center for Values and Social Policy, University of Colorado-Boulder, April 2018

Authority Without Identity: Defending Advance Directives via Posthumous Rights Over One’s Body

University of Waterloo, Waterloo, Canada, March 2018

American Philosophical Association, Central Division, February 2018

Centering Health Care and Public Health Policy: Should We Cater to the Middle Class?

American Society for Bioethics and Humanities, October 2017

Cost-Effectiveness in Animal Health: An Ethical Analysis

Rocky Mountain Ethics Congress, Preconference Workshop on Animal Ethics, University of Colorado, August 2017

Comments on Eric Chwang, “Consent Is All in the Mind(ing)”

Rocky Mountain Ethics Congress, University of Colorado, August 2017

Setting Priorities for Genomic Research: Cost-Effectiveness and Distributive Fairness

Ethical, Legal and Social Implications of Genomic Research Congress, University of Connecticut, June 2017

Social Change and Status Quo Maintenance in Applied Ethics

Workshop on Methodology in Applied Ethics, Georgetown University, February 2017

The Ethics of Cost-Effectiveness: How Organ Transplantation Costs Lives

American Philosophical Association, Eastern Division, January 2017

Center for Bioethics and Humanities, University of Colorado-Anschutz Medical Campus, November 2015.

Center for Values and Social Policy, University of Colorado-Boulder, October 2015.

Philosophy

Beyond Harm-Indifference: New Strategies for Allocating Scarce Medical Resources to Mitigate Inequities

Rocky Mountain Ethics Congress, upcoming August 2023

American Philosophical Association, Central Division, February 2023

Rice University Philosophy Department Colloquium, April 2022

Polarization, Distributive Justice, and the Future of the Middle Class

American Philosophical Association, Central Division, March 2017

TEACHING

Full-Length Courses

University of Denver, *Torts*, F2021, S2023, upcoming F2024

University of Denver, *Health Law*, F2018, F2019, F2020, F2022, upcoming S2024

University of Denver, *Legal Profession*, S2020

Johns Hopkins University, *Bioethics and the Law*, 2018. Co-taught with Joseph Ali.

Johns Hopkins University, *Valuing Health* [special study], 2016

Georgetown University, *Moral Foundations of Market Society*, 2015, 2016

Stanford University, *Race and Gender: Philosophical Perspectives*, 2012. Co-taught with Sam Asarnow.

Graduate Student Supervision

Directed research supervisor, Rachael Adkins, University of Denver, summer 2022

Directed research supervisor, Emily Bath, University of Denver, spring 2020

Student note supervisor, Jordyn McDowell, University of Denver, fall 2019

Directed research supervisor, Shanona Vargo, University of Denver, spring 2019

PhD Co-Advisor, Christian Morales, Johns Hopkins University, 2017-18

PhD Exam Committee, Ariella Messing, Johns Hopkins University, 2017-18

Short Courses and Guest Lectures

Bioethics and the Law, University of Maryland (Prof. Natalie Ram), 2022. Topic: allocation of scarce resources.

Bioethics, Emory University (Prof. Gerard Vong), 2022. Topic: allocation of scarce resources.

Fellows Seminar, Department of Bioethics, NIH, 2017 & 2018. Topic: health care reform.

Bioethics Boot Camp, University of Pennsylvania, 2017, 2016, 2014. Topics: universal coverage; non-health benefits in health policy; priority-setting in the Affordable Care Act.

PhD Seminar, Department of Health Policy and Management, Johns Hopkins University, 2017 & 2016. Topic: introduction to ethical theory for PhD students in health policy.

Medical Ethics, San Francisco State University, 2013. Topic: physician-patient relationship.

Mass Incarceration in Global Perspective, Prison University Project, San Quentin, 2013. Topic: philosophy of race. Co-facilitated with Wendy Salkin.

Teaching Assistantships

Stanford University, 2009-12. Courses: *Global Justice* (Samuel Arnold); *Justice* (Joshua Cohen); *Introduction to Moral Philosophy* (Tamar Schapiro); *Modern Philosophy: Descartes to Kant* (Shane Duarte); *Philosophy & Literature* (R. Lanier Anderson & Joshua Landy).

HONORS AND AWARDS

External

Sub-awardee (via University of Pennsylvania), Norwegian Centers of Excellence Scheme, 2023-28 [renewable through 2032]

Sub-awardee (via University of Chicago), Greenwall Foundation Making a Difference Grant, *Simulating Crisis Standards of Care and Developing an Equitable Life Support Allocation Protocol*, 2023-24.

Baruch A. Brody Award in Bioethics, Rice University, Baylor College of Medicine, and Houston Methodist Hospital, 2022. International \$10,000 award and named lectureship that recognizes junior and mid-level scholars who have made important theoretical contributions to the field of bioethics.

Outstanding Peer Reviewer, *Annals of Internal Medicine*, 2022.

Greenwall Foundation Faculty Scholar in Bioethics, 2018-21. Provides 50% of salary as well as a mentorship program.

BioIP Workshop Scholar, American Society of Law, Medicine and Ethics, 2018 (one of three)

Health Law Scholar, American Society of Law, Medicine and Ethics, 2017 (one of four)

Student Travel Award, American Philosophical Association, Eastern Division, 2015, 2014, 2013

First Prize, National LGBT Bar Association Law Student Writing Competition, 2012

First Prize, Northeastern University Program in Human Rights and the Global Economy Student Writing Competition, 2012

Participant, National Endowment for the Humanities Summer Seminar, Washington University in St. Louis, 2012. Topic: *Liberty, Equality, and Justice: Philosophical Problems in Domestic and Global Contexts*. Includes housing and stipend.

Internal

Small Grant Recipient, Hughes-Ruud Faculty Scholarship Fund, University of Denver, 2021-22

Public Impact Fellow, University of Denver, 2020-21. Recognized in 2022 as one of two faculty members university-wide with most media mentions.

Honored at the Eighth Annual Research, Scholarship, and Creative Work Faculty Recognition Dinner hosted by the Office of the Provost, University of Denver, 2020

MEDIA APPEARANCES

Print and Online

On COVID-19: *New York Times*; *Los Angeles Times*; *Boston Globe*; *Chicago Tribune*; *Wall Street Journal*; *Associated Press*; *The Guardian (UK)*; *Axios*; *Roll Call*; *Politico*; *The Nation*; *Salon*; *Christian Science Monitor*; *MarketWatch*; *Der Spiegel (Germany)*; *Rolling Stone*; *Popular Science*; *Undark Magazine*; *Wired Magazine*; *Pink Sheet*; *Bloomberg Law*; *Law360*; *Law Week Colorado*; *CQ News*; *5280 Magazine*; *FreightWaves*; *ASCO Post*; *WalletHub*; *Center for Public Integrity*; *Bangor Daily News*; *Denver Front Porch News*; *Colorado Times-Recorder*; *Stanford Daily*

On other topics: *Wired Magazine*; *Colorado Public Radio*; *CNN*; *Kidney News*; *The Daily Pennsylvanian*

Radio, Television, and Podcasts

On COVID-19: The Mehdi Hasan Show (MSNBC/Peacock); NPR (Morning Edition); NPR (Weekend Edition); WHYY (Philadelphia); WGBH (Boston); AirTalk with Larry Mantle (NPR 89.3 KPCC, Southern California); GeriPal; Hard Call; Making the Call; KMGH-TV (ABC 7) Denver; KDVR-TV (Fox 31) Denver; Science Magazine; RadioEd (University of Denver); Fox 21 (Denver); Examining Ethics; Talk is the Best Medicine

RECENT SERVICE AND OUTREACH

National and International

Columnist, Ethics and Law, *ASCO Post* (American Society for Clinical Oncology), 2020-present

Invited Reviewer, National Academies of Science, Engineering and Medicine Report on Ensuring an Effective Public Health Emergency Medical Countermeasures Enterprise, 2021

Invited Discussant, National Academies of Science, Engineering and Medicine Workshop on Vaccine Verification, 2021

Invited Discussant, Workshop on Priority-Setting for Mental Health, University of Pennsylvania Scattergood Program, 2021

Invited Rapid Reviewer, UK Pandemic Ethics Accelerator, University of Oxford, 2021

Commentator, National Academies of Science, Engineering and Medicine, Rapid Expert Consultation on Allocation of COVID-19 Therapies, 2020

Consultant, World Health Organization, 2020.

Member, American Philosophical Association Committee on Philosophy and Law, 2018-20. Elected position (committee sunset in 2020). Reviewed submissions for Berger Prize and worked to select recipient. Organized panel on law and ethics of health insurance.

Content Expert Reviewer (by invitation), U.S. Department of Health and Human Services, ASPR Technical Resources Assistance Center & Information Exchange, 2018.

National Institutes of Health Study Section on Societal and Ethical Issues in Research, Temporary Member, 2017. Invited reviewer for grant applications that use legal methods.

Diversity/Mentoring the Mentors Workshop Participant, American Philosophical Association, 2017. Selected participant in grant-funded workshop on strategies for effectively mentoring students from diverse backgrounds, particularly undergraduates who are participating in diversity summer programs and plan to pursue graduate study.

Invited Commentator, Templeton Foundation-funded project on hope, creative resolve, and access to medicines, Cornell University, 2017. Commented on book manuscript by Nicole Hassoun (Binghamton) on the human right to health and access to essential medicines.

Board of Directors, Telluride Association, 2013-present. Telluride Association is a non-profit that offers free summer seminars in humanities, social sciences, and ethnic studies to high school

students, and operates scholarship residences at Cornell and the University of Michigan. Board service included co-chairing faculty hiring for summer seminars in ethnic studies.

Peer Reviewer [* indicates multiple times]

University Presses: MIT Press; Routledge; CALI eLangdell

Law Journals: *Yale Law Journal**; *Columbia Law Review*; *American Journal of Law and Medicine*; *Law and Philosophy*; *Journal of Law and the Biosciences**; *Journal of Law, Medicine, & Ethics*

Medical Journals: *New England Journal of Medicine**; *The Lancet*; *JAMA**; *Annals of Internal Medicine**; *PLOS Medicine*; *Nature Medicine**; *BMJ Global Health*; *Journal of General Internal Medicine**; *Transplantation*; *Regenerative Medicine. Journal of AIDS – Epidemiology*

Health Policy Journals: *American Journal of Public Health**; *Quarterly Journal of Economics*; *Health Affairs*; *The Milbank Quarterly**; *Health Care Analysis**; *Health Policy Open*; *Health and Human Rights*; *Journal of Financial Counseling and Planning*

Bioethics Journals: *Journal of Medical Ethics**; *American Journal of Bioethics**; *Public Health Ethics**; *Hastings Center Report**; *Kennedy Institute of Ethics Journal**; *Theoretical Medicine and Bioethics*; *Medicine, Health Care, and Philosophy**; *BMC Medical Ethics*; *Oxford Handbook on Public Health Ethics*

Philosophy Journals: *Journal of Political Philosophy**; *Journal of Applied Philosophy*; *Ethical Theory and Moral Practice*; *Journal of Ethics and Social Philosophy**; *Social Theory and Practice**; *Public Affairs Quarterly*

Home Institution

Participant, University of Denver Faculty Institute for Inclusive Teaching TIE Foundational Badge Cohort, 2022

Faculty Collaborator, National Wastewater Surveillance System Center for Excellence, University of Denver, 2022-present.

Scrivner Institute Advisory Task Force, University of Denver, 2018-present.

Health Initiative Working Group, University of Denver, 2018-present.

COVID-19 Vaccination Working Group, University of Denver, 2021-22 (committee sunset in 2022).

Appointments Committee, University of Denver Sturm College of Law, 2022-present.

Admissions Committee, University of Denver Sturm College of Law, 2019-21.

Student Organization Advisor, Health Law Society, University of Denver Sturm College of Law, 2018-present.

Panelist, *COVID-19 Vaccine Mandates: A Necessary Step or an Overstep?* University of Denver, 2021.

Panelist, *COVID-19 Vaccine Equity*, American Constitution Society, Sturm College of Law, 2021.

Panelist, *Contact Tracing and COVID-19*, University of Denver, 2020.

Panelist, *Bioethics, Health Law, and COVID-19*, University of Denver, 2020.

Presenter, Summer Scholarship Brown Bag, University of Denver Sturm College of Law, 2019-22.

Panel Moderator, *Denver Law Review* Symposium, University of Denver, 2019.

Presenter on the Human Right to Health, Sutton Colloquium, University of Denver, 2018.

Member, Institutional Review Board, Bloomberg School of Public Health, Johns Hopkins University, 2017-18.

Admissions and Program Committee, PhD Concentration in Bioethics and Health Policy, Bloomberg School of Public Health, Johns Hopkins University, 2017.

Campus Interviewer for Fulbright Scholarship applicants, Georgetown University, 2015

Local

Provided testimony to Colorado House of Representatives committee in opposition to legislation that would prohibit vaccination requirements, Mar. 2022-Apr. 2022; Feb. 2023.

Invited presenter, *Addressing Racial and Socioeconomic Health Disparities Using Disadvantage Indices: Legal Dimensions*, Colorado Bar Association Health Law Section, Feb. 2022. Attendees received CLE credit.

Discussed clinical practice guidelines with researcher at UCHealth, 2020

Discussed mental health law with staff at Rocky Mountain Children’s Law Center, 2020

Guest presenter on priority-setting in health care, University of Pennsylvania, 2020

Guest presenter on ethics and cost-effectiveness analysis, Johns Hopkins University, 2019

Keynote presenter on ethical issues in genetic engineering, Denver Public Schools, 2019.

Presenter, Minorities and Philosophy Tea Time, University of Colorado-Boulder, 2018.

Lunch and Learn Presenter, Patient-Centered Outcomes Research Institute, Washington, DC, 2017.
Topic: Justice and public health.

EDUCATION

Law School Stanford Law School, J.D., 2013, with Pro Bono Distinction

- *Stanford Law Review*, Articles Committee
- Student Fellow, Stanford Center for Law and the Biosciences
- First Prize, Steven M. Block Civil Liberties Award
- Class Prizes in Legal Ethics, Sexual Orientation and the Law, and Alternative Conceptions of Antidiscrimination

Graduate Stanford University, Ph.D., Philosophy, 2015

Dissertation: *Moving Toward Fairness: Normative Aspects of Social & Economic Mobility*
Committee: Debra Satz (chair), Eamonn Callan, Joshua Cohen, Mark Kelman

- Stanford Interdisciplinary Graduate Fellow, 2012-15
- Graduate Public Service Fellow, Haas Center for Public Service, 2012

Undergraduate Stanford University, B.S., Biological Sciences, with distinction, 2007
Stanford University, B.A., Philosophy, with honors and distinction, 2006

- *Phi Beta Kappa*
- Mothershead Prize for Outstanding Senior Thesis in Moral Philosophy

OTHER EMPLOYMENT

Georgetown University, Washington, DC

Junior Faculty Fellow, McDonough School of Business, 2015-16. Deferred tenure-track position at Johns Hopkins to take up this one-year postdoctoral fellowship.

University of Pennsylvania, Philadelphia, PA

Visiting Researcher, Department of Medical Ethics & Health Policy, 2013-14

Jenner & Block LLP, Washington, DC

Summer Associate, 2010. Offer extended.

Munger, Tolles & Olson LLP, San Francisco, CA

Summer Associate, 2009. First-year program.

National Institutes of Health, Bethesda, MD

Predocctoral Fellow, Department of Bioethics, 2006-08

OTHER GRANTS RECEIVED

Exploration of Practical Ethics Grants, Johns Hopkins University, 2017-18.

Role: Co-Investigator (Principal Investigators: Johnathon Ehsani, Health Policy and Management, and Tak Igusa, Engineering)

Topic: Ethical issues in autonomous vehicle testing. Total: \$67,500.

Role: Co-Investigator (Principal Investigator: Len Rubenstein, School of Public Health)

Topic: Ethics and human rights of refugee resettlement. Total: \$64,635.

BAR ADMISSIONS

Maryland (2014); U.S. Court of Appeals for the Tenth Circuit (2015)