



JOHNS HOPKINS  
BERMAN INSTITUTE  
*of* BIOETHICS



# Preparing the **Next Generation** of Leaders in Bioethics



ANNUAL REPORT 2021-2022



# Director’s Letter

It is my great pleasure to share with you the 2021-2022 Annual Report of the Johns Hopkins Berman Institute of Bioethics. Our work over the last three years has focused on ensuring a response to the Covid-19 pandemic that was ethical as well as effective — an effort for which I am extraordinarily proud of the Institute’s faculty and staff. While these efforts are among the proudest chapters of my career, it is gratifying to turn our attention in this year’s Annual Report to other important and engaging aspects of our institutional life.

This summer we were able to hold in-person meetings again after two years of delay: the annual Stavros Niarchos Foundation Bioethics Academy in Athens, Greece, as well as the Global Health Ethics conference in Oxford, England that we co-host as part of the Oxford-Johns Hopkins Global Infectious Disease Ethics Collaborative.

Furthermore, Deering Hall is again full of the energy and enthusiasm students bring to our community. The following pages share an overview of our wide range of educational programs — in Baltimore and around the world — that make the Berman Institute a global leader in preparing the next generation of leaders in bioethics. I hope you enjoy reading about just a few of the remarkable individuals whom we have had the privilege of helping to prepare for future success.

On a related note, I’m happy to share that as we are moving past the pandemic, we are now making tangible progress on the planning for the new Henrietta Lacks Hall. In November, we shared plans for a striking design with the City of Baltimore’s Urban Design and Architecture

Advisory Panel to very positive reviews, an essential part of the approval process. Construction is planned to begin in 2023, and the new facility will enable us to significantly expand our outstanding educational programs and research capacity, and create a home for our new Dracopoulos-Bloomberg iDeas Lab. Even as we welcome renewed and expanded in-person programming, we will continue to utilize hybrid modalities that arose during the pandemic to give us the best of both worlds, with online meetings enabling us to interact virtually with a global range of top bioethics scholars, and invite audiences from around the world to participate in online seminars and lectures.

That the Berman Institute has not only weathered the pandemic, but emerged from it positioned to thrive, is a testament to the impact of the support of our many friends and volunteers. None of this could have happened without the foresight and generosity of donors from our earliest days, which built the foundation that allowed us to successfully manage the challenges created by the pandemic. On behalf of the entire Berman Institute community of faculty, staff, trainees and students, thanks for all you have done on our behalf, and I look forward to the continuing impact of our shared efforts.

Warmly,

**Jeffrey P. Kahn, PhD, MPH**  
ANDREAS C. DRACOPOULOS DIRECTOR  
ROBERT HENRY LEVI AND RYDA HECHT LEVI  
PROFESSOR OF BIOETHICS AND PUBLIC POLICY

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(l-r): MBE students Jennifer Eitingon, MD, and Preeti John, MD; Hecht-Levi Postdoctoral Fellow Joseph Jebari, PhD  
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Since its founding in 1995, the Berman Institute has helped define and lead the field of bioethics, providing researchers and scholars with a vibrant community in which they can conduct their influential work on ethical issues that arise in healthcare, public health, biomedical research, and from emerging technologies.

From the beginning, the Berman Institute has also contributed substantially to the growth of bioethics by preparing the next generation of leaders in the field, expanding the range of educational and training programs it offers to include Masters, PhD, and post-doctoral training programs.

“The Berman Institute has a world-class faculty that takes teaching and training very seriously,” said Jeffrey Kahn, PhD, MPH, the Andreas C. Dracopoulos Director of the Berman Institute. “We attract the best students and are tireless in updating and revising our curricula to reflect rapidly emerging issues in bioethics. At the same time, we adapt and revise our programs to meet the interests and needs of our students and trainees. Part of our role is to understand where the field is going, and to tailor our offerings so that those who study with us are prepared not only to identify emerging challenges, but also to lead the way in providing solutions.”

Degree programs include master’s and doctoral degrees offered in partnership with the Bloomberg School of Public Health, as well as the Hecht-Levi Postdoctoral Fellowship, whose participants become familiar presences within the Berman Institute community. But BI faculty go far beyond Deering Hall, teaching undergraduates on the Homewood campus, providing ethics training to medical students and residents at Johns Hopkins Medicine, establishing research

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Photo: Will Kirk/Johns Hopkins University

ethics programs in Africa and Asia, inviting a diverse group of international fellows to Baltimore for intensive training that contributes to bioethics capacity in their home countries, and continually exploring new ways to advance awareness and understanding of bioethics issues among the general public.

“It was a privilege to learn from the very best in the field of bioethics. What I learned at the Berman Institute will stay with me for a long time to come, as I more fully understand the implications of what I do as a medical doctor and epidemiologist and apply bioethics to my field,” said Gershom Chongwe, Director and CEO at Zambia’s Tropical Diseases Research Centre, who spent eight months at the Berman Institute as a Fellow in the Fogarty African Bioethics Training Program.

When the Berman Institute’s founder Ruth Faden envisioned the future of the Institute, even she couldn’t have imagined that it would someday be training the leaders of public health centers in other countries. However, educating students was always at the heart of her vision. Even before its official founding in 1995, Faden advised Nancy Kass, today the Berman Institute’s Deputy Director for Public Health, and Gail Geller, now the Institute’s Director of Education Initiatives, as they pursued doctoral degrees in

law and ethics in the School of Public Health’s Health Policy PhD program.

“We had trainees who sought us out before we had official programs. They were the seeds, these people from various parts of Johns Hopkins who were evolving very deep interests in bioethics that became the focus of their careers after their training. That grass-roots origin, the demand that comes from the students and trainees, was important to demonstrate that there was a gap that needed to be filled,” said Faden.

A breakthrough came in 1997 when the Greenwall Foundation solicited proposals for an institution to create a postdoctoral fellowship program in bioethics. The Berman Institute partnered with Georgetown University’s Kennedy Institute of Ethics and its Law Center, to create the winning proposal. In doing so, they helped establish the interdisciplinary approach to bioethics education that has defined the Berman Institute, as well as the broader field, ever since.

“Our premise with the Greenwall Fellows programs was to find talented early scholars who were fully formed in a variety of fields — as lawyers, physicians, scientists, social scientists, or something else — then give them mentorship that was disciplinary appropriate but also interdisciplinary, and turn them into first-rate bioethicists,” said Faden.

“We were absolutely committed to being the place that was producing the next generation of leaders in bioethics,” said Faden. “It was our mission, and we established the Berman Institute as the premier training ground in bioethics.”

Demonstrating the entrepreneurial and responsive approach that came to define its educational programs, the Berman Institute soon expanded the fellowship to include the Johns Hopkins School of Medicine. Building on the path pioneered by Jeremy Sugarman, today the Berman Institute’s Deputy Director for Medicine, an opportunity was created for a Greenwall Fellow to incorporate bioethics training with a fellowship in a medical specialty.

**VISIONARY SUPPORT FOR  
THE DEVELOPMENT OF FUTURE  
BIOETHICS LEADERS**

The Berman Institute's ability to prepare the next generation of leaders in bioethics has been substantially enhanced by philanthropy. Thanks to the vision and generosity of Alex Levi, chair of the Berman Institute's national advisory board, and his wife Vicki, and other generous donors, we have resources dedicated to attracting the most promising students in the field.

The Levis made a landmark \$15 million commitment in 2018 to establish the Ruth R. Faden Fund for Education in Bioethics, which supports education and training programs at the Institute. Additional donors providing significant support to this effort include Chris Angell, Caroline Bagley Burnett, Dick and Peggy Danziger, and Bud and Phyllis Meyerhoff.

"As Ruth stepped down as the inaugural director of the Berman Institute, we wanted to find a meaningful way to honor her lifetime of service, in creating the institute, to bioethics at Hopkins, and to the field," said Dr. Levi. "This gift will create new leaders who will change the world in ways we can't yet foresee."

The Faden Fund provides tuition support for students in the Master of Bioethics program (see profiles of the first MBE scholarship recipients on page 28), offers research and conference travel resources for PhD students, has helped create the newly established endowed Faden Professorship in bioethics and education, and supports leadership and training for a select group of highly qualified leaders of bioethics programs through the Faden Scholars Program. As the fund continues to grow, it will also provide permanent, endowed support for the Hecht-Levi Postdoctoral Fellows program.



Ruth Faden

Photo: Will Kirk/Johns Hopkins University

The program was so successful that the Greenwall Foundation extended its initial five-year commitment three more times. But after twenty years, with the program set to expire, National Advisory Board Chair Alex Levi and his family's Hecht-Levi Foundation stepped forward to make a commitment that enabled the ongoing training of post-doctoral fellows, now named the Hecht-Levi Postdoctoral Fellowship Program, to continue.

"The Hecht-Levi Fellowship remains vital to keeping the Berman Institute at the forefront of training the next generation of bioethics scholars. It infuses our community with talent and vitality, and produces leaders in the field," said Kahn.

The program continues to adapt to meet and reflect the needs of the trainees and the evolving field alike. Fellows now have a teaching requirement that helps prepare them professionally, with members of the most recent cohorts stepping into tenure track bioethics faculty positions at Columbia University, Temple University, the University of Pittsburgh, Georgetown University and elsewhere. Sources of additional external funding have been secured to create fellowships in specific areas such as infectious disease ethics and pragmatic clinical trials, allowing the program to continue to grow and adapt to an ever-evolving set of academic priorities.

The Master of Bioethics (MBE) program is another example of the evolution of the Berman Institute's educational programs. Established in 2017 with an initial cohort of five students, the program has grown to enroll more than twenty students in 2021. That rapid growth provided an opportunity to demonstrate the Institute's flexibility and responsiveness in its educational programs, as MBE Program Director Travis Rieder and Berman Institute faculty members Gail Geller and Anne Barnhill quickly divided students into three mini-cohorts, based on the students' individual research interests, to ensure everyone received the personal mentorship the program is known for.

In 2022, when an unusually large number of incoming MBE students expressed interest in clinical ethics, the program adapted again, working over the summer to design a two-term Clinical Practicum sequence.

"We're drawing on the resources of the large number of clinical faculty at the Berman Institute. Our students can sit in on hospital ethics committee meetings, learn about our ethics consultation service, go to residents' ethics training courses, and shadow our practicing physicians when they go on rounds. They'll each gather more than 70 hours of clinical experience this year," said Rieder. "We want to ensure that every student has the opportunity to pursue areas of deep interest, whether it's clinical ethics or something else entirely."

Berman Institute faculty are indeed a familiar site in the halls of Johns Hopkins Hospital. While ethics training is a requirement at every medical school, the Berman Institute ensures that students at the Johns Hopkins School of Medicine receive far more than a perfunctory minimum. In the first year of medical school, Berman Institute faculty teach Introduction to Clinical Ethics, which establishes the core principles of ethics and bioethics, and in the second year during the Transition to Wards course, faculty share their knowledge about ethics, clinical ethics, and professionalism. But it is Hopkins Medicine's ethical training of residents, inspired and led by Berman Institute faculty that is truly unique and innovative.

Predating the formal establishment of the Berman Institute, future faculty members Joseph Carrese and John Freeman would gather with other members of the Ethics Committee at Hopkins Bayview Medical Center and discuss

ethics education. Dr. Freeman and his wife, Elaine, stepped forward to provide initial funding for a program of ethics education among residents.

"We were interested in a more comprehensive, sustained effort over time. Once the Berman Institute was founded, we came together as a community, collaborated to gain institutional support, and launched the Program on Ethics in Clinical Practice that has enabled us to teach hundreds and hundreds of residents and sustain it for more than fifteen years," said Dr. Carrese.

Despite the programs' busy schedule, Berman Institute faculty meet four times each year with residents in Medicine, Neurology, Ophthalmology, Pediatrics, Surgery, Gynecology/Obstetrics and Child and Adolescent Psychiatry. Faculty customize their lessons, usually drawing from recent real-life cases to instruct the residents.

"Reflecting on the challenging patients and cases they've been dealing with, raising concerns of ethics and professionalism, helps these residents be prepared for the next case they encounter. It also makes the point that ethical considerations are a really important part of clinical practice. It's not peripheral, it's central, and they need to be educated and prepared to handle challenging ethical situations," said Carrese.

Berman Institute faculty also provide professional training far beyond Baltimore. Since 2000, they have guided the Johns Hopkins-Fogarty African Bioethics Training Program to help African nations build research ethics capacity. The Berman Institute has established institutional partnerships with the University of Botswana, the University of Zambia, and Makerere University in Uganda. Additionally, the Berman Institute is



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TRAVIS RIEDER

Photo: Larry Canner



***“By sharing our expertise through education and training, the Berman Institute will remain at the forefront of preparing the next generation of leaders in bioethics.”***

JEFFREY KAHN

collaborating with universities in Malaysia and Ethiopia to help establish master's programs in research ethics.

“The Berman Institute's work has evolved into supporting not just individual-level training but also the development of strategic plans for bioethics within institutions, strengthening of bioethics infrastructures, institutional review boards and other forms of committees,” said Joe Ali, Associate Director for Global Programs. “We support policy development when it's needed, and work to raise awareness of the importance and role of bioethics within institutional leadership and academic programming.”

More recently, the Berman Institute launched the Stavros Niarchos Foundation Bioethics Academy to support and enhance knowledge and awareness of bioethics in Greece and the Balkans. The Academy provides training for professionals working in health care, clinical research, health and science policy, and other related fields. Another recently created initiative, the NIH-funded Genomics and Society Mentorship Program, is designed to enhance diversity among future researchers of the ethical, legal and social implication of new technologies.

Kahn sees such programming, both in its global outlook and its emphasis on training working professionals, as an important and natural next step in the Berman Institute's educational offerings. Efforts are currently underway to launch an Executive Education Program, with a focus on working with business leaders in the health, bioscience, and pharmaceutical sectors.

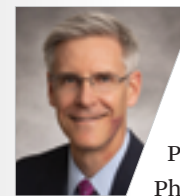
“Coming out of the pandemic, the field is maturing in ways that will require us to reshape bioethics training over the next five to ten years,” Kahn said. “Our educational programs will remain flexible and attentive, but also staying true to our core mission while evolving in response to those emerging needs. By sharing our expertise through education and training, the Berman Institute will remain at the forefront of preparing the next generation of leaders in bioethics.”

# Generations of Leaders

Physicians and philosophers, lawyers and public health officials, recent undergraduates and mid-career professionals — all of these and many more have come to the Berman Institute seeking to become leaders in bioethics.

In a series of brief profiles on the following pages, learn more about some of the outstanding individuals whose careers have been transformed by their studies at the Berman Institute, along with details about the wide range of our educational and training programs.

## PhD PROGRAM / NEAL DICKERT, MD, PhD '06



When Neal Dickert considered where to enroll for his joint MD/PhD training almost twenty-five years ago, he intended to combine his medical training with a doctorate in philosophy. In fact, the Berman Institute's program in Bioethics and Health Policy was the only PhD program outside of a Department of Philosophy he applied to. That decision helped set him on a course that continues to shape his distinguished career today.

“By studying at the Berman Institute, I gained an empirical skill set that I wouldn't have if I had pursued a PhD in Philosophy. My dissertation was a mix of a very significant conceptual component, along with a qualitative interview study as well,” said Dr. Dickert. “That skill set is one that has really enabled me to grow and develop my research career.”

Today Dr. Dickert is an Associate Professor of Medicine in the Emory University School of Medicine's Division of Cardiology. He also holds an appointment in the Department of Epidemiology at the Rollins School of Public Health, is a Senior Faculty Fellow at the Emory Center for Ethics, is a member of the Emory Clinical Cardiovascular Research Institute, and is Associate Director of the Emory Health Services Research Center. Dr. Dickert's research focuses on ethical issues relevant to cardiology practice and clinical research. In particular, he is actively engaged in research projects addressing the conduct of clinical research in acute care contexts where informed consent is either impossible or very difficult. He also has a number of projects focusing on understanding and advancing patient-centered care and shared decision-making for cardiovascular disease; this includes integrating out of pocket costs into decisions.

His focus on acute care research started with his Berman Institute dissertation, which combined his emerging interest in cardiology with the ethics of clinical research in acute and emergency settings. He credits faculty mentors with teaching him how to work through methodologic issues of conducting qualitative interviews with survivors of cardiac arrest, helping him to engage in deep conceptual questions about what it means to respect people who may not be conscious, and in connecting him with national networks of researchers conducting large trials utilizing the exception from informed consent in emergency settings.

“One meaningful finding that came out of that dissertation was the idea of ‘What does it mean for a research participant to feel they're being respected?’ We tend to think of gaining consent for participation in research as the primary manifestation of respect, but it's much more. It's how people felt they were treated, like if their best interests were kept at heart, if their privacy was valued,” said Dr. Dickert. “That project led to a set of issues and questions I've worked on for a long time.”

Dr. Dickert notes that the Berman Institute's PhD program ended up offering the best of both worlds, as he was still empowered to pursue a significant number of philosophy courses as part of his studies.

“As my PhD advisor, Nancy Kass was the person I worked most closely with throughout my years there. She was great, eager to help me study what I was most passionate about and interested in, supportive of what I wanted to do, always very available and willing to work with me. She was a great source of advice and mentorship and remains so to this day.”

**THE PhD PROGRAM IN BIOETHICS AND HEALTH POLICY** is taught by faculty experts who provide unparalleled training, education and mentoring to the next generation of bioethics scholars. The PhD program offers opportunities for students to conduct innovative original scholarship in a premier international research institution focused specifically on bioethics, public health ethics, and health policy.

Students in the PhD program participate fully in a wide range of scholarly, teaching and public engagement activities. These include participating in the semi-annual Berman Institute Research Retreats at which faculty, fellows, and students present works-in-progress, as well as attending the Berman Institute's bi-weekly seminar series at which prominent scholars from other institutions lecture on emerging research interests.

The PhD program in Bioethics and Health Policy is a concentration within the Bloomberg School of Public Health's Department of Health Policy and Management, offered in collaboration with the Berman Institute of Bioethics.

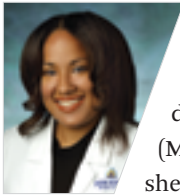
THE MASTER OF BIOETHICS

(MBE) DEGREE is an innovative, interdisciplinary program combining approaches from philosophy, science, technology, arts and other humanities, public health, medicine, public policy, and law. It prepares students from diverse personal and professional backgrounds to address the bioethics challenges they will face in professional and civic life.

Studying full- or part-time with Berman Institute faculty, MBE students are paired with an advisor who aligns with their interests, helps them create a customized course of study, and guides them throughout the program.

In addition to formal coursework and an optional bioethics practicum, all students complete a multi-part thesis on a specific topic in bioethics, demonstrating an understanding of relevant theoretical, policy, and practical considerations in constructing a well-organized critical examination of their selected topic. MBE students also participate in the full range of Berman Institute seminars and lectures, enabling them to interact with a broad network of national and international leaders in bioethics.

MBE PROGRAM /  
VIVIAN ALTIERY DE JESUS, MD, MBE '20



Vivian Altiery De Jesus’s time as a student at the Berman Institute was bookended by two natural calamities — Hurricane Maria and the Covid-19 global pandemic. What she experienced during the first inspired her to pursue the Master of Bioethics (MBE) degree that would help provide the skills and knowledge she needed to withstand the second.

Even during her first year as a medical student at the University of Puerto Rico School of Medicine, Dr. De Jesus was distressed about the way medical ethical ethics was taught and initiated a program to assess how it should be incorporated into bedside training. The impact of Hurricane Maria, which struck Puerto Rico with devastating effects just weeks into her third year of medical school, transformed that belief to a calling.

“Treating patients in the wake of the hurricane brought up so many ethical questions. For example, the military supplied us additional ventilators, but if we plugged in too many, the entire power system would shut down. The question became literally, ‘How do we decide who to plug in?’ We did what made sense in the moment but later on I was left thinking about the ethics of how we made those decisions,” Dr. De Jesus said.

Near the end of that third year, she made a presentation about her ethics education initiative at a conference in Baltimore, where she met Berman Institute faculty Dan Finkelstein, who encouraged to formalize her bioethics training via the MBE program.

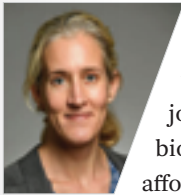
While intrigued, she had already begun thinking about residency, and the decision to change course before the final year of medical school was a difficult one. Ultimately De Jesus decided it was now or never and enrolled in the Berman Institute’s MBE program. And what was intended as a one-year interruption became two, as she immersed herself in all the Berman Institute had to offer and also completed a certificate in Health and Human Rights and Clinical Trials at the School of Public Health.

When De Jesus decided to complete the MBE program’s optional practicum, Berman Institute faculty members Joseph Carrese and Mark Hughes engaged her as an observer of the Ethics Committees and Institutional Review Boards at Johns Hopkins Bayview Hospital and Johns Hopkins Hospital, where she learned how physicians integrate medical practice with bioethics. Her four-page assignment summarizing the experience turned into a 128-page book, *The Forgotten Text*, a narrative about her formation as a physician exploring the ethical challenges that medical students might face during their education.

After completing her MBE, De Jesus returned for her final year of medical school in the midst of the Covid pandemic. While the ethical dilemmas were different from those of Hurricane Maria, she felt much more able to identify the issues and counsel colleagues about how to resolve them. After graduation, De Jesus returned to Johns Hopkins Bayview where she is now a second-year internal medicine resident.

“During my first year of medical school, I didn’t understand why they were teaching ethics on top of the long hours studying anatomy and embryology. Little did I know how my future would turn out,” she said. “Ethics is an important part of what doctors do. We shouldn’t be saying anatomy is medicine and ethics is something else. Everyone is going to encounter ethical issues in their practice, and they need to have the knowledge and the tools to face them.”

GREENWALL FELLOWSHIP /  
ANNE BARNHILL, PhD (FELLOW 2009-2011)



When Anne Barnhill completed her PhD in philosophy at New York University, she was offered multiple tenure track faculty jobs. But her emerging scholarly interest in bioethics, combined with the opportunities afforded by the Greenwall Fellowship, inspired

her to decline those offers and instead pursue postdoctoral study at the Berman Institute. Barnhill’s decision paid off, and she now serves as a faculty member at the Institute, working on a range of issues in the ethics of public health, and food and agriculture.

“Some people told me it would be foolish not to take the bird in hand of a tenure track faculty position, but I felt strongly about having a career different from only what a job in a philosophy department would enable me to have,” she said. “I wanted to do something more practical, to focus on what was actually happening in the world, on food policies and public health policies that were being passed.”

A key part of Barnhill’s fellowship was an internship with the New York City Department of Health and Mental Hygiene at a time when Michael Bloomberg’s mayoral administration was pursuing cutting edge approaches to public health policies, including food policy.

“The summer I was there, they were gearing up to announce a policy to exclude sugary drinks from the Supplemental Nutrition Assistance Program. I wrote a paper concluding that a demonstration project would be an appropriate way to study legitimate concerns about the proposal, such as stigmatization and the requirement for retailers to reconfigure their systems,” said Barnhill.

She built on that experience by designing and teaching a food ethics class in the Johns Hopkins Department of Philosophy. After completing her fellowship, Barnhill worked in food ethics at the University of Pennsylvania for a few years before returning to the Berman Institute to work with the Global Food Ethics and Policy Project.

During the pandemic, her work expanded to include researching Covid’s impact on essential workers, particularly in the food industry. She also worked with Jeffrey Kahn on the book *Digital Contact Tracing for Pandemic Response*, and collaborated with Hecht-Levi Postdoctoral Fellows Brian Hutler and Justin Bernstein on a project about reopening policies that has led to an ongoing major study analyzing state-level responses to the pandemic.

“When I was a Fellow, Gail Geller and Maria Merritt were running the program. They were great models of people with different backgrounds pursuing careers in bioethics,” Barnhill said. “Now as a faculty member myself, I have the chance to provide some of the same kind of guidance to Fellows that I was fortunate to receive.”

THE GREENWALL FELLOWS PROGRAM and its successor, the Hecht-Levi Program, have played an important role in helping produce new generations of leaders in bioethics. Here’s where former Greenwall Fellows are today (see list of Hecht-Levi Fellows on page 10):

<b>Ellen Agard</b> Anne Barnhill ASSOCIATE RESEARCH PROFESSOR, BERMAN INSTITUTE OF BIOETHICS, JOHNS HOPKINS UNIVERSITY	<b>Eileen Kim</b> FELLOW, HOSPICE AND PALLIATIVE CARE MEDICINE, RESURRECTION MEDICAL CENTER	<b>Lauren Randel</b> PSYCHIATRIST
<b>Mary Catherine Beach</b> PROFESSOR, BERMAN INSTITUTE OF BIOETHICS; SCHOOL OF MEDICINE, JOHNS HOPKINS UNIVERSITY	<b>Kathy King Francis</b> HEAD OF INCLUSIVE IMPACT, REDSTONE STRATEGY GROUP	<b>Alan Rubel</b> ASSOCIATE PROFESSOR OF MEDICAL HISTORY & BIOETHICS, SCHOOL OF MEDICINE AND PUBLIC HEALTH, UNIVERSITY OF WISCONSIN
<b>David Bekelman</b> PHYSICIAN, PROFESSOR OF MEDICINE AND PSYCHIATRY, SEATTLE-DENVER CENTER OF INNOVATION, U.S. DEPARTMENT OF VETERANS AFFAIRS	<b>Eran Klein</b> ASSISTANT PROFESSOR OF NEUROLOGY, OREGON HEALTH AND SCIENCES UNIVERSITY; PHYSICIAN, PORTLAND VA MEDICAL CENTER	<b>Naomi Seiler</b> ASSOCIATE RESEARCH PROFESSOR, MILKEN INSTITUTE OF PUBLIC HEALTH, GEORGE WASHINGTON UNIVERSITY
<b>Laura Biron</b> VICAR, HOLY TRINITY CHURCH, HEADINGTON QUARRY	<b>Rebecca Kukla</b> SENIOR RESEARCH SCHOLAR, PROFESSOR OF PHILOSOPHY, KENNEDY INSTITUTE OF ETHICS, GEORGETOWN UNIVERSITY	<b>Sirine Shebaya</b> EXECUTIVE DIRECTOR, NATIONAL IMMIGRATION PROJECT, NATIONAL LAWYERS GUILD
<b>Brooke Cunningham</b> ASSISTANT PROFESSOR, DEPT. OF FAMILY MEDICINE AND COMMUNITY HEALTH, UNIVERSITY OF MINNESOTA MEDICAL SCHOOL	<b>Dan Larriviere</b> ASSOCIATE CHAIR FOR NEUROLOGY BASED PROGRAMS, INOVA NEUROSCIENCES	<b>Andy Siegel</b> RESEARCH SCHOLAR, BERMAN INSTITUTE OF BIOETHICS, JOHNS HOPKINS UNIVERSITY
<b>Debra DeBruin</b> DIRECTOR OF GRADUATE STUDIES AND ASSOCIATE PROFESSOR, CENTER FOR BIOETHICS, SCHOOL OF MINNESOTA	<b>Michelle Lewis</b> RESEARCH SCHOLAR, BERMAN INSTITUTE OF BIOETHICS, JOHNS HOPKINS UNIVERSITY	<b>Marc Spindelmann</b> PROFESSOR OF LAW, MORTIZ COLLEGE OF LAW, OHIO STATE UNIVERSITY
<b>Matthew DeCamp</b> ASSOCIATE PROFESSOR, CENTER FOR BIOETHICS AND HUMANITIES, DIVISION OF GENERAL INTERNAL MEDICINE, UNIVERSITY OF COLORADO	<b>Matthew Liao</b> DIRECTOR OF CENTER FOR BIOETHICS, SCHOOL OF GLOBAL PUBLIC HEALTH, NEW YORK UNIVERSITY	<b>Sonia Suter</b> ASSOCIATE PROFESSOR OF LAW, GEORGE WASHINGTON UNIVERSITY LAW SCHOOL
<b>Ileana Dominguez-Urban</b>	<b>Anne Lyerly</b> PROFESSOR OF SOCIAL MEDICINE, SCHOOL OF MEDICINE, UNC-CHAPEL HILL	<b>Andrea Sutherland</b> SENIOR DIRECTOR, GLOBAL SAFETY PHYSICIAN, MODERNA
<b>Ruth Farrell</b> ASSISTANT PROFESSOR OF SURGERY, CLEVELAND CLINIC	<b>Jonathan Marks</b> DIRECTOR OF BIOETHICS PROGRAM, PENN STATE UNIVERSITY	<b>James Taggart</b> ASSISTANT PROFESSOR, LEGAL AND ETHICAL STUDIES, UNIVERSITY OF BALTIMORE
<b>Jacqueline Fox</b> PROFESSOR OF LAW, SCHOOL OF LAW, UNIVERSITY OF SOUTH CAROLINA	<b>Nicole Martinez-Martin</b> ASSISTANT PROFESSOR, CENTER FOR BIOMEDICAL ETHICS, DEPT. OF PEDIATRICS, STANFORD UNIVERSITY	<b>David Tester</b> CHIEF DATA OFFICER, TENSIXTEEN BIO
<b>Melissa Goldstein</b> ASSOCIATE PROFESSOR, MILKEN INSTITUTE OF PUBLIC HEALTH, GEORGE WASHINGTON UNIVERSITY	<b>Debra Mathews</b> ASSISTANT DIRECTOR FOR SCIENCE PROGRAMS, ASSOCIATE PROFESSOR, BERMAN INSTITUTE OF BIOETHICS, SCHOOL OF MEDICINE, JOHNS HOPKINS UNIVERSITY	<b>Jon Tilburt</b> PROFESSOR OF MEDICINE AND BIOMEDICAL ETHICS, MAYO CLINIC
<b>Mark Greene</b> ASSOCIATE PROFESSOR OF PHILOSOPHY, UNIVERSITY OF DELAWARE	<b>David McCarthy</b>	<b>Yoram Unguru</b> ASSOCIATE PROFESSOR, BERMAN INSTITUTE OF BIOETHICS, SCHOOL OF MEDICINE, JOHNS HOPKINS UNIVERSITY; PEDIATRIC HEMATOLOGIST/ONCOLOGIST, THE HERMAN AND WALTER SAMUELSON CHILDREN'S HOSPITAL AT SINAI
<b>Leslie Henry</b> PROFESSOR OF LAW, UNIVERSITY OF MARYLAND SCHOOL OF LAW	<b>Michelle Meyer</b> ASSOCIATE PROFESSOR, CHAIR OF THE DEPT. OF BIOETHICS AND DECISION SCIENCES, COLLEGE OF HEALTH SCIENCES, GEISINGER COMMONWEALTH SCHOOL OF MEDICINE	<b>Carole Vannier</b> ANESTHESIOLOGIST, UNIVERSITY OF MARYLAND MEDICAL SYSTEM
<b>James Hodge</b> PETER KIEWIT FOUNDATION PROFESSOR OF LAW, DIRECTOR, CENTER FOR PUBLIC HEALTH LAW AND POLICY, ARIZONA STATE UNIVERSITY SCHOOL OF LAW	<b>Carol Moeller</b> ASSOCIATE PROFESSOR OF PHILOSOPHY, MORAVIAN UNIVERSITY	<b>Rebecca Walker</b> PROFESSOR OF PHILOSOPHY AND SOCIAL MEDICINE, CENTER FOR BIOETHICS, UNC SCHOOL OF MEDICINE
<b>Elisa Hurley</b> EXECUTIVE DIRECTOR, PUBLIC RESPONSIBILITY IN MEDICINE AND RESEARCH	<b>Dan Moller</b> ASSOCIATE PROFESSOR OF PHILOSOPHY, UNIVERSITY OF MARYLAND	<b>Leslie Wolf</b> DISTINGUISHED UNIVERSITY PROFESSOR AND PROFESSOR OF LAW, CENTER FOR LAW, HEALTH & SOCIETY, GEORGIA STATE UNIVERSITY
<b>Gail Javitt</b> DIRECTOR, HYMAN, PHELPS & MCNAMARA	<b>Dan O'Connor</b> HEAD OF RESEARCH ENVIRONMENT, WELLCOME TRUST	
<b>Gwynne Jenkins</b> CHIEF SCIENTIST FOR BIOMEDICAL INNOVATION, MITRE	<b>Sara Olack</b>	
	<b>Natalie Ram</b> PROFESSOR OF LAW, UNIVERSITY OF MARYLAND SCHOOL OF LAW	



**THE HECHT-LEVI POSTDOCTORAL FELLOWSHIP** is a two-year, postdoctoral training program in bioethics offered by the Berman Institute. The main goal of the Fellowship is to launch the careers of the next generation of bioethics scholars by giving them an opportunity to pursue research projects in their area of academic expertise, working with the Berman Institute’s faculty experts. To accomplish this, the program offers a considerable amount of protected time for research and publication.

Hecht-Levi Fellows are in residence at the Berman Institute where they receive one-on-one faculty mentorship while pursuing their own scholarship in bioethics, collaborate with faculty on selected projects in bioethics, and participate in weekly seminars and discussions. Each Fellow designs an individual program tailored to her or his particular goals, interests, and background.

HECHT-LEVI FELLOWS

<b>Silvana Barone</b> MEDICAL DIRECTOR, THE LIGHTHOUSE CHILDREN AND FAMILIES, MONTREAL	<b>Athmeya Jayaram</b> RESEARCHER, THE HASTINGS CENTER
<b>Justin Bernstein</b> ASSISTANT PROFESSOR OF PHILOSOPHY, VRIJE UNIVERSITY, AMSTERDAM	<b>Stephanie Morain</b> ASSISTANT PROFESSOR, BERMAN INSTITUTE OF BIOETHICS, JOHNS HOPKINS UNIVERSITY
<b>Angie Boyce</b> OFFICER, EVIDENCE PROJECT, THE PEW CHARITABLE TRUSTS	<b>Kate Neubauer</b>
<b>Janet Childerhose</b> ASSISTANT PROFESSOR OF GENERAL INTERNAL MEDICINE, THE OHIO STATE UNIVERSITY	<b>Alyssa Newman</b> SENIOR RESEARCH SCHOLAR AND ASSISTANT PROFESSOR OF SOCIOLOGY, KENNEDY INSTITUTE OF ETHICS, GEORGETOWN UNIVERSITY
<b>Christen Elledge</b> ASSISTANT PROFESSOR OF RADIATION ONCOLOGY, UNIVERSITY OF KANSAS MEDICAL CENTER	<b>Bridget Pratt Mater</b> SENIOR LECTURER IN HEALTHCARE ETHICS, AUSTRALIAN CATHOLIC UNIVERSITY
<b>Elizabeth Fox</b> ASSISTANT PROFESSOR, DEPARTMENT OF PUBLIC & ECOSYSTEM HEALTH, CORNELL UNIVERSITY	<b>Samuel Reis-Dennis</b> ASSISTANT PROFESSOR OF PHILOSOPHY, RICE UNIVERSITY
<b>Andrew Garland</b> ASSISTANT PROFESSOR, BOB JONES UNIVERSITY	<b>Travis Rieder</b> DIRECTOR OF THE MBE PROGRAM, ASSISTANT DIRECTOR FOR EDUCATION INITIATIVES, ASSOCIATE RESEARCH PROFESSOR, BERMAN INSTITUTE OF BIOETHICS, JOHNS HOPKINS UNIVERSITY
<b>Marielle Gross</b> ASSISTANT PROFESSOR, UNIVERSITY OF PITTSBURGH	<b>Kevin Riggs</b> ASSISTANT PROFESSOR, UNIVERSITY OF ALABAMA AT BIRMINGHAM
<b>Lindsey Grubbs</b> ASSISTANT PROFESSOR OF PUBLIC HEALTH, CALIFORNIA STATE UNIVERSITY, EAST BAY	<b>Yashar Saghai</b> ASSISTANT PROFESSOR, UNIVERSITY OF TWENTE, NETHERLANDS
<b>Rachel Gur-Arie</b> ASSISTANT PROFESSOR, ARIZONA STATE UNIVERSITY	<b>Brandi Scully</b> FELLOW, CONGENITAL HEART SURGERY, BOSTON CHILDREN’S HOSPITAL
<b>Emily Hahn</b> PEDIATRICIAN, MEMORIAL SLOAN-KETTERING CANCER CENTER	<b>Rebecca Seltzer</b> ASSISTANT PROFESSOR OF PEDIATRICS, BERMAN INSTITUTE OF BIOETHICS, SCHOOL OF MEDICINE JOHNS HOPKINS UNIVERSITY
<b>Katie Heinze</b> ASSISTANT PROFESSOR, FLORIDA ATLANTIC UNIVERSITY	<b>Miriam Shapiro</b> ASSISTANT PROFESSOR, DEPARTMENT OF PEDIATRICS, UNIVERSITY OF MINNESOTA
<b>Heidi Holtz</b> ASSISTANT PROFESSOR, BARNES COLLEGE OF NURSING	<b>Ian Tully</b> ASSISTANT PROFESSOR, DUQUESNE UNIVERSITY
<b>Brian Hutler</b> ASSISTANT PROFESSOR OF PHILOSOPHY, TEMPLE UNIVERSITY	<b>Alexis Walker</b> ASSISTANT PROFESSOR, COLUMBIA UNIVERSITY
<b>Nicholas Jabre</b> PEDIATRIC PULMONOLOGIST, JOHNS HOPKINS ALL CHILDREN’S HOSPITAL	<b>Rebecca Wilbanks</b> LECTURER, JOHNS HOPKINS UNIVERSITY

HECHT-LEVI POSTDOCTORAL FELLOWSHIP PROGRAM / ALYSSA NEWMAN, PhD (FELLOW 2020-2022)



As Alyssa Newsman completed her PhD in Sociology at the University of California Santa Barbara, focusing on mixed-race collective identity, she never thought of herself as a bioethicist. But during a subsequent Fellowship in Science and Technology at Harvey Mudd College, her research interests moved in that direction. Inspired to apply for the Berman Institute’s Hecht-Levi Postdoctoral Fellowship because of its interdisciplinary emphasis and openness to promising scholars without previous bioethics experience, Newman says the program, as well as the field’s emphasis on finding policy solutions to societal issues, now has her viewing her work through the lens of a bioethicist. “I needed a place to dive into bioethics and get the tools and training to continue. The Hecht-Levi Program didn’t require a prior background in the field and gave me the chance to immerse myself,” Newman said. “It shaped me for the better, and now I really can’t turn off the bioethics view as a sociologist.”

Newman’s entry into bioethics was driven by her work using gamete donation to investigate how ideas about race, culture, genetics and connection to family background inform the selection of a gamete donor.

“As the wide variety of stakeholders and interested parties became clear and important to me, it became difficult to silo that into one disciplinary conversation. I was most interested in a broader conversation, about how my work can help inform policy and work happening in other disciplines,” she said. “My time in the program provided such a vibrant interdisciplinary space, working with a cohort from a variety of backgrounds. It was so helpful when thinking through the complexities of assisted reproduction and ethics.”

After completing the Hecht-Levi Fellowship, Newman was appointed as a Senior Research Scholar at the Kennedy Institute of Ethics and Assistant Professor in the Department of Sociology at Georgetown University. Her research currently focuses on assisted reproductive technologies, centering the experiences of racial and sexual minorities and on institutional solutions to racial health disparities.

During Newman’s tenure at the Berman Institute she published a commentary, “Institutional Problems, Individual Solutions — The Burden on Black Physicians,” in the *New England Journal of Medicine*, discussing concern with widespread racial inequities during the Covid-19 pandemic, particularly racial disparities in vaccination rates, and addressed one commonly proposed solution to overcoming vaccine hesitancy. She argued that the proposed solution ignored the problem of mistrust and could actually exacerbate inequities brought on by the pandemic.

“One of the things sociology has not entirely embraced, or is comfortable with, is putting forward policy solutions. Sociology does the research and then maybe at the end will make a gesture toward policy,” said Newman. “In bioethics, having policy influence is much more central and motivates the work that is done. That’s shifted the focus and motivation of my work.”

JOHNS HOPKINS-FOGARTY AFRICAN BIOETHICS FELLOWSHIP PROGRAM / GERSHOM CHONGWE, MD, PhD (FELLOW 2018-2019)



A physician and public health professional with expertise in epidemiology, Gershom Chongwe is Director and CEO at the Tropical Diseases Research Centre (TDRC), Zambia, one of three such world regional institutions established by the World Health Organization for research in tropical diseases such as malaria, schistosomiasis, and trypanosomiasis. He credits his training at the Berman Institute with helping ensure that bioethics considerations are incorporated into the center’s valuable work, and in his role as a member of Zambia’s national health ethics research board.

“When a research proposal is sent to me for review, I look at it as an epidemiologist to ensure it makes sense from a scientific point of view. But at the same time, I look at the ethical implications of what researchers are proposing to do,” said Dr. Chongwe. “Is it going to hurt anyone, is there respect for community values, is it going to be appropriate for the culture and the norms of the community? I always apply the lens of epidemiology but also bioethics.”

Dr. Chongwe has a long association with the Berman Institute, coming first in 2014 as a participant in the African Bioethics Training Program, then returning in 2018 as a postdoctoral Fogarty International Fellow. Before completing his PhD, Dr. Chongwe was an officer of the TDRC’s Institutional Review Board, where his interest in bioethics grew out of his work running the ethics committee. After earning his doctoral degree in epidemiology, he joined the University of Zambia’s faculty, before returning to the TDRC as its CEO.

Helping prepare national leaders in bioethics is a key focus of the Fogarty Fellowship, said its director Joe Ali, the Berman Institute’s Associate Director for Global Programs.

“Sometimes Fogarty Fellows are the only individuals in their home countries to have postdoctoral training in bioethics. They are the founding generation of bioethics leaders in their nations,” he said. “They have gone on to become key members of national ethics committees, have been leaders of IRBs, and even been core members of teams that have started the first academic training programs in bioethics in their home countries. Through the Fellowship, they have completed research projects that advance capacity and scholarly work in the field, and, after leaving Berman, continue to publish and present original research in many different forms, often being called upon to serve on international committees because of their expertise.”

While at the Berman Institute, Dr. Gershom worked on a project evaluating the ethical issues surrounding the use of adaptive clinical trial designs, examining the extent to which adaptive trials affect the ethical character of a clinical trial, compared to traditional randomized trials. He credits Berman Institute faculty with connecting him to a range of scholarly experts who informed his work.

“One of the strengths of the Berman Institute is having people from internal medicine, nursing, and many other fields, and all of them share a common interest in bioethics. I am not a philosopher like some of the faculty, but their viewpoint helped me understand the implications of what I do as a medical doctor and epidemiologist and apply bioethics to my field,” he said.

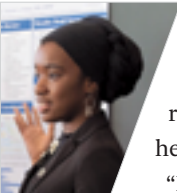
THE FOGARTY AFRICAN BIOETHICS POST-DOCTORAL FELLOWSHIP

is an 18-month fellowship in global bioethics and international research ethics for qualified African bioethics professionals. Fellows begin the program with four months of in-depth bioethics training at the Berman Institute, including advanced coursework and seminars in bioethics, research ethics, research methods and international health; research proposal development; and individual mentorship. Fellows then return to their home countries to initiate independent research projects, followed by another three-plus months of training at the Berman Institute. Finally, fellows spend six months conducting independent research in their home countries, followed by submitting for publication the manuscript that emerges from their research.

The program is funded by the National Institutes of Health Fogarty International Center and has trained almost fifty scholars to date, many of whom have gone on to lead, teach and continue their research at their home institutions.

**THE JOHNS HOPKINS GENOMICS AND SOCIETY MENTORSHIP PROGRAM** is open to undergraduate students from economically disadvantaged and underserved backgrounds, and students with disabilities, interested in the ethics of science, clinical care and/or public health. It's a 15-month in-person and virtual hybrid program funded by the NIH. Beginning with a 10-week Summer Internship Program, Berman Institute faculty members mentor trainees on bioethics both broadly and in the context of their specific projects, enabling students to identify and analyze morally relevant issues in science, medicine, and public health. Students continue their connection to the Program throughout the academic year, co-lead the planning of an activity related to their interests in Genomics and Society at their home institution, and return for several days the following summer for additional training, mentorship, and connection with the next cohort of trainees.

**GENOMICS AND SOCIETY MENTORSHIP PROGRAM / NINA WALLACE '19**



When Nina Wallace joined the Berman Institute’s Genomics and Society Mentorship Program (GSMP) during the summer after her sophomore year at Howard University, it was her first realization that her research pursuits could extend to public health and not necessarily be limited to basic science.

“I knew that I wanted to apply to MD/PhD programs and wanted to do research more directly related to a clinical setting to prepare for medical school. The program became my first time doing any qualitative research, which was much different from what I was used to, and exposed me to public health and ethics research,” Wallace said.

Her project, “Refusal of Care by Healthcare Workers to Patients with High Consequence Pathogens,” was a study of the ethics regarding healthcare institutions’ requirements for their workers to treat highly infectious patients during an epidemic or pandemic. Wallace and a fellow student conducted a substantial literature view, interviewed bioethicists, and drafted a survey to be sent to workers at Johns Hopkins Hospital regarding various scenarios.

“We found ethicists agreed that health care workers should be held to the standard of their job description only if they’re given the proper resources to protect themselves as necessary. If resources aren’t available, they can’t be compelled to care for certain patients if they have competing obligations, like

staying healthy to care for other patients,” said Wallace, whose pre-pandemic project drew upon the examples of AIDS and Ebola, but soon became relevant to the arrival of Covid-19.

“All the issues we were talking about manifested themselves in Covid: lack of institutional protection, the already existing nurse shortage that was exacerbated, lack of personal protective equipment. Health care workers made do with what they had, and because Covid wasn’t necessarily as lethal as Ebola, more healthcare workers were more willing to work with patients,” she said.

Following graduation from Howard, Wallace worked as Postbaccalaureate Fellow at the Neurodevelopmental and Behavioral Phenotyping Service at the National Institutes of Health (NIH). She enrolled in Fall 2022 at the University of North Carolina as an MD/PhD student in Epidemiology.

“The mission of the GSMP is to enhance diversity among future researchers and scholars studying the ethical, legal and social implications of science,” said its director, Debra Mathews, the Berman Institute’s Assistant Director for Science Programs. “Even as an undergraduate, Nina demonstrated her ability to conceptualize and execute a sophisticated research project that proved to be extraordinarily timely. The bioethics perspective she gained from her time at the Berman Institute will benefit both Nina and her classmates during her continued studies and society at large as she pursues a career addressing health disparities.”

**Clinical Programs**

**Faculty members from the Berman Institute lead efforts to create substantive educational experiences in clinical ethics for medical students, nursing students, residents, and other clinicians.**



**MEDICAL STUDENTS** The medical curriculum integrates themes of communication, cultural competence, ethics, professionalism, health disparities and health policy throughout the four-year curriculum.

**NURSING STUDENTS** Ethics education is integrated throughout the Master of Science in Nursing and the doctoral nursing programs at the Johns Hopkins School of Nursing, including lectures by Berman Institute faculty. Cynda Rushton, PhD, RN, FAAN, the Anne and George L. Bunting Professor of Clinical Ethics at the Berman Institute and the School of Nursing, developed the Mindful Ethical Practice and Resilience Academy to build moral resilience in novice nurses.



**MEDICAL RESIDENTS** Under the leadership of Berman Institute faculty member Joseph Carrese, MD, MPH, FACP, the Ethics of Clinical Practice Project enhances ethics education in the Johns Hopkins School of Medicine residency training programs. Berman Institute faculty teach in eight residency programs that reach approximately 400 residents: Child and Adolescent Psychiatry, Gynecology and Obstetrics, Medicine at both Johns Hopkins Hospital and Johns Hopkins Bayview Medical Center, Ophthalmology, Pediatrics, and Surgery. In addition to resident training, Berman Institute faculty also lead ethics rounds on selected clinical units.

The ongoing **“FREEMAN FAMILY ETHICS FOR LUNCH”** monthly series provides the entire hospital community with exposure to critical yet common clinical ethics issues throughout the academic year.





## In Memoriam, Daniel Finkelstein, MD

Daniel Finkelstein, a founding member of the Berman Institute faculty, inaugural Andreas C. Dracopoulos Professor of Ophthalmology at the Johns Hopkins Wilmer Eye Institute, and cornerstone of the Johns Hopkins Medicine community for more than half a century, passed away on February 25th, 2022 at the age of 81.



As a retinal surgeon, Dr. Finkelstein helped pioneer laser treatments for conditions including retinal vein occlusion, retinopathy, and macular degeneration. He was also a leader in clinical ethics who developed a passionate interest in the significance of spirituality to the doctor-patient relationship throughout the course of his career.

“Dan’s passion for teaching and for the study of the ethics of clinical practice was unparalleled,” Berman Institute founder Ruth Faden said. “He was a devoted advocate for the opportunity for doctors and nurses to get together to talk about the ethical challenges they face in the care of patients.”

Dr. Finkelstein started a monthly lunchtime discussion of clinical ethics at Johns Hopkins Hospital which evolved into the Berman Institute’s “Freeman Family Ethics for Lunch” series. He co-chaired the Johns Hopkins Medical Ethics Committee and was the founding editor of The Johns Hopkins Hospital Medical Ethics Newsletter. In the past, he served on The Johns Hopkins Institutional Review Board and chaired The Johns Hopkins Medical Ethics Committee.

Dr. Finkelstein entered the Wilmer Institute’s residency program in 1970 and went on to be appointed Assistant Chief of Service. Following a two-year neurophysiology of vision fellowship at the National Institutes of Health (NIH), he was appointed as a full-time Wilmer Eye Institute faculty member. There, he played a key role in building Wilmer’s teaching, research and patient care for retinal vascular diseases.

Dr. Finkelstein was also a volunteer physician at the free medical clinic at the Little Workers of the Sacred Hearts in Washington, D.C. He did eye screenings with patients with diabetes and went to Haiti after the 2010 earthquake to provide medical care.

## Zackary Berger, MD, PhD, Seeks Health for Everyone in New Book

*Health for Everyone: A Guide to Politically and Socially Progressive Healthcare*, a new book edited by Berman Institute faculty member Zackary Berger, brings together experts across a range of healthcare and related disciplines to explore how the United

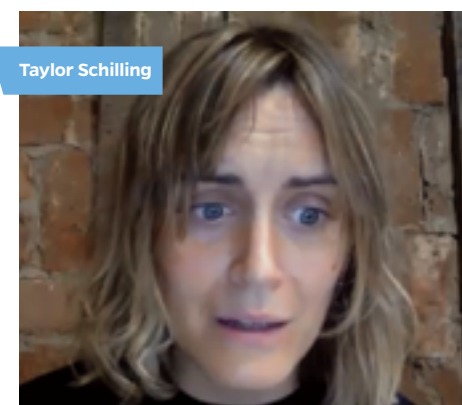
States can make its healthcare system more progressive for groups that have been overlooked for too long. Rather than write a health policy manual that adopts a 30,000-foot view, Dr. Berger crafted a practical guide for making healthcare more responsive, more patient-centered, and more community-led. Importantly, the recommendations in the book are applicable right now, starting from present realities. Dr. Berger has brought together teachers, clinicians, advocates, and researchers, to map the steps needed to provide better care to African American, Latinx, chronically-ill, and disabled patients while improving the system overall for everyone.

“Who is the American health system for?” asks Dr. Berger, also a physician and professor in the Johns Hopkins School of Medicine. “We need to revolutionize the system by putting patients at its center. And as doctors, we need to figure out how best to work together and solve problems.”

*Health for Everyone* answers questions such as how do you provide the same care to every individual, when individuals are different? How do you get ideal care when you are a member of a disadvantaged group? What if you have a chronic condition that is stigmatized, or for which treatment might not be available? Focusing on a practical, ethical, and philosophical case for progressive health care, Dr. Berger’s book focuses on what matters most to patients and on the steps we need to take to fight back against health inequities.



## ‘The Nurse Antigone’ Shines Light on Grief, Strength



Taylor Schilling

To many, the plight of nurses during COVID can look a bit like a Greek tragedy. For instance, a recent survey by the American Association of Critical-Care Nurses found that sixty-six percent of nurses had considered leaving their jobs because of their experiences during the pandemic.

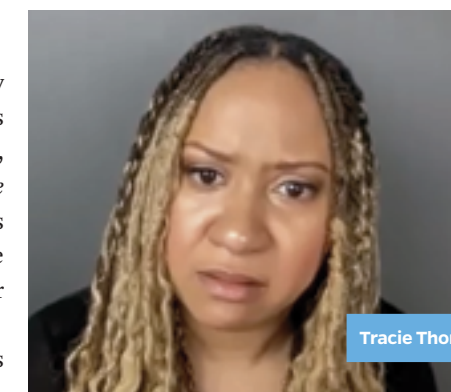
“Nurses talk about how in the beginning everybody was clapping and cheering and calling us heroes,” the Berman Institute’s Cynda Rushton told the *New York Times* in an interview published earlier this year. “But then as time has gone on and you think about the social unrest, the political divide, the anger that has developed in response to the pandemic, nurses — as the people who are closest to the patient — have been the recipient of a lot of that anger, violence and frustration.”

How appropriate, then, that Theater of War Productions, a nationally renowned New York drama company specializing in productions that address pressing public health and social issues, would produce a version of the Greek tragedy *Antigone* with nursing in mind and with Rushton in the key advisory role. The March reading of *The Nurse Antigone* at the Johns Hopkins School of Nursing was the first in a yearlong program of twelve performances as part of a partnership between Theater of War, the Berman Institute of Bioethics, and the Johns Hopkins School of Nursing.

In Sophocles’ play *Antigone*, the title character is determined to properly bury her fallen brother, considered an enemy of the throne, even though his burial has been forbidden by the new king. When Antigone buries him anyway, insisting it is the right thing to do, the king orders Antigone buried alive. “[*The Nurse Antigone*] is a play about not being able to live up to your own standards of care and about deferred grief, which I think is the moral injury of the pandemic,” Bryan Doerries, the founder and director of Theater of War Productions, told the *New York Times*.

Those in the play included author Margaret Atwood (*The Handmaid’s Tale*) as well as actors Tracie Thoms (*Rent*), Taylor Schilling (*Orange Is the New Black*), Ato Blankson-Wood (*Detroit*), and Bill Camp (*The Queen’s Gambit*). Included in the Greek Chorus that accompanied the performance was Johns Hopkins Hospital’s Aliko Argiropoulos, an oncology nurse clinician.

After the play, Argiropoulos helped facilitate an audience conversation on topics such as the treatment of minorities during the pandemic and dealing with colleagues who refuse to do the right thing for the good of all. “It was liberating to hear nurses from various backgrounds talk about their experiences, frustrations, hopes, and thoughts,” explains Argiropoulos. “I didn’t feel alone. We were able to validate each other’s feelings, realizing that this phenomenon is universal, and that we all have endured very similar situations.”



Tracie Thoms

# Preserving the Stories and Voices of the Founding Figures of Bioethics



The Berman Institute of Bioethics has launched *Moral Histories: Stories and Voices from the Founding Figures of Bioethics*, an oral history project focused on interviewing members of the founding generation of American bioethics and ensuring their stories are a permanent part of the historical record.

“Working amid the crucible of social upheaval and scandal of the 1970s, a group of idealistic young philosophers and theologians began to work with physicians, nurses, lawyers, and others to sort out the moral complexities of advancing medicine. This founding generation created a new field that would eventually come to be called Bioethics,” said Jeffrey Kahn, Director of the Berman Institute.

“Their work has had far reaching impact and influence on the lives of people around the world — in shaping laws and influencing legal decisions, in shaping government policies, and in crafting approaches to decision making that continue to be

used in managing complex medical cases, from definitions of death to allocation of lifesaving resources to responses to public health emergencies. This is an essential history to capture.”

*Moral Histories*, the resulting collection of audio recordings and transcripts, will serve as a unique and accessible resource for understanding the creation and formation of the field of bioethics. The first sixteen interviews are in process and will be posted to the JHU Library’s archives, and can also be accessed at [www.bioethics.jhu/moralhistories](http://www.bioethics.jhu/moralhistories), with more to follow. Material from the collection will also be used in various projects including podcasts and educational materials designed to inform and engage the multiple publics interested in bioethics, including scholars, policy makers, health care professionals, researchers, students, and of course the public at large.

## GRANTS SECURED BY BERMAN INSTITUTE FACULTY FROM 9/1/01-8/31/02

<b>Joe Ali, JD</b> The Importance of Fair and Inclusive Research Practice <b>World Health Organization</b>  Pain Management Collaboratory Coordinating Center Grant <b>National Institutes of Health</b>  Makerere Doctoral Training Program <b>Makerere University</b>	<b>Kadija Ferryman, PhD</b> Advancing Health Equity in AI/ML in Health Regulation and Policy <b>Pew Charitable Trusts</b>  <b>Jeffrey Kahn, PhD, MPH</b> Moral Histories <b>Stavros Niarchos Foundation</b>  Bioethics Podcast Project <b>Greenwall Foundation</b>  Non-Fungible Tokens (NFTs) for Ethical, Efficient Biospecimen Use <b>Emerson Collective</b> <b>National Philanthropic Trust</b>  Civic Science Fellowship <b>The Kavli Foundation</b>  The Stavros Niarchos Bioethics Academy <b>Stavros Niarchos Foundation</b>  <b>Nancy Kass, ScD</b> Fogarty African Bioethics Consortium Post-Doctoral Fellowship Program <b>Fogarty International Center</b>	<b>Debra Mathews, PhD, MA</b> Ethical, Legal, Social, and Policy Implications of Workplace Genomic Testing <b>Jackson Laboratory</b>  Enhancing Diversity Among Future ELSI Researchers <b>National Human Genome Research Institute</b>  <b>Maria Merritt, PhD</b> Dilemmas of Health Equity in Global Health Research <b>Greenwall Foundation</b>  <b>Rebecca McLaren, MD, MPH</b> Food Systems Dashboard <b>Global Alliance for Improved Nutrition</b>  <b>Cynda Rushton, PhD, RN</b> MEPRA Nurse Cohort Training <b>Johns Hopkins Hospital</b>	<b>Jeremy Sugarman, MD, MPH, MA</b> HEAL Collaborator Resource Coordinating Center <b>National Institutes of Health</b>  Risks, Benefits and Stakeholder Perspective of Molecular Epidemiology for HIV Prevention <b>National Institutes of Health</b>  Investigating Psychosocial Experiences of HIV Cure <b>National Institutes of Health</b>  Leadership for HIV/AIDS Clinical Trials Networks <b>FHI 360</b>  NIH Health Care Systems Research Collaboratory – Co-Center <b>National Institutes of Health</b>  Developing an International Master’s Research Ethics Program in Malaysia <b>Fogarty International Center</b>
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MARIA MERRITT

# Low-Carbon Health Care Done Right



When the Berman Institute’s Maria Merritt, PhD, learned last year of the immensity of health care’s climate impact, she was shocked. Although she’d long been a proponent of sustainability and environmental activism, the scope of this problem and its clear connection to issues of social justice in public health caught her attention. Now, supported by a “Making a Difference” grant from The Greenwall Foundation, she’s exploring approaches to ethical decision-making to ensure that community members — in particular those who already face disadvantages and health inequities — are not inadvertently harmed as health care systems work to decarbonize.

Consider an ostensibly positive move by a hospital to use fewer vehicles in favor of buying more locally sourced goods. Might the mom-and-pop stores and gas stations supporting the drivers suffer economically, or a large trucking firm relocate its area office to a busier market? In the end, poorer community members with less ability to adapt stand to lose the most, said Merritt. She aims to help make such hidden consequences visible, a first step in being able to address them.

“It’s really crucial to engage the communities and hear the voices of people who are living with the worst of [climate] impacts right now, in the policy process,” Merritt said. “If we don’t deliberately examine policy choices going forward, we’re in danger of replicating the same injustices all over again.”

Merritt has taken on this kind of work before. From 2016 through 2018, as promising new treatment regimens for multidrug-resistant tuberculosis (MDR-TB) were emerging, Merritt led a team who asked MDR-TB patients, health care providers, and community members in South Africa and Uganda about patients’ experiences of treatment. The team found that, for some disadvantaged patients, a long course

of many pills and potential hospital stays could be personally devastating. The results informed an analytic technique called “social justice assessment” which is a guide that includes decision-making flowchart and survey questions. This assessment allowed health policy decision makers to identify when some MDR-TB treatment regimens might be preferable to others on grounds of social justice, even if they might incur additional cost.

“There’s a growing awareness that the actions we can take to mitigate climate impact [in the long run] will have shorter-term health benefits. Reducing things like air pollution and developing more sustainable food systems might have health benefits that themselves justify the investment,” Merritt said. This kind of effort might not always appear related to health care work. For instance, a hospital might find it worthwhile to plant trees in another neighborhood that suffers from higher temperatures on hot days than the rest of the city. In addition to preventing some heat-related emergency department visits, the hospital would also be reducing its emissions footprint by averting medical waste and providing carbon sinks.

“There’s a way to get to the low-carbon future that also is equitable for communities,” said Merritt. “It isn’t going to happen all by itself if we don’t try to make it happen.”





## Memorial Symposium Honors the Work and Life of Carlton Haywood, Jr., PhD

On September 19th 2022, the Berman Institute collaborated with the Johns Hopkins School of Medicine's Division of Hematology to hold the inaugural Carlton Haywood, Jr., Memorial Symposium, "Humanizing Medical Care for Persons with Sickle Cell Disease: What Does Ethics Have to Offer?" The symposium was designed to honor Haywood, a beloved colleague who passed away on December 31st, 2021.

The symposium explored the impact and legacy of Haywood's intellectual contributions to health services research and bioethics. Through a close examination of the conceptual assumptions that support research on respect, trust, and justice in sickle cell disease, panelists discussed the ways in which such research reflects and simultaneously extends to broader conversations about the nexus of racism, bioethics, and the equitable provision of health care services.

"This gathering represents an effort to honor Carlton as a scholar and remember him as a colleague," said Jeffrey Kahn, PhD, MPH, the Andreas C. Dracopoulos Director of the Berman Institute, in his introductory remarks. "His work reminds us to listen to patients, to understand them as people, not merely as a diagnosis or an illness, and reminds us that patients are partners in their care."

The Berman Institute's Mary Catherine Beach, MD, MPH served as plenary lecturer, drawing upon years of collaboration and conversations with Haywood to discuss the concept of racism and its contribution to dehumanization of patients, followed by offering potential solutions.



BEACH

Her lecture was followed by a discussion panel exploring the impact and legacy of Haywood's intellectual contributions to health services research. Through an examination of the conceptual assumptions that support research on respect, trust, and justice in sickle cell disease, the panelists discussed ways in which such research reflects and simultaneously extends broader conversations about the nexus of racism, bioethics, and the equitable provision of health care services.

The panel was moderated by Shawn M. Bediako, PhD, Senior Science Education Fellow at the Howard Hughes Medical Institute. Panelist Marilyn S. Baffoe-Bonnie, a Predoctoral Fellow in the Department of Bioethics at the National Institutes of Health (NIH) and Social and Behavioral Research Branch of the NIH National Human Genome Research Institute, discussed Haywood's commentary, "Disrespectful Care in the Treatment of Sickle Cell Disease Requires More than Ethics Consultation." Lydia Pecker, MD, a pediatric hematologist who directs the Young Adult Clinic at the Johns Hopkins Sickle Cell Center for Adults, cited the influence on her work of Haywood's paper "Unequal Burden: Poor Patient-Provider Communication and Sickle Cell Disease."

Organizers plan to establish the Carlton Haywood, Jr., Symposium as an annual event.



BEDIAKO



BAFFOE-BONNIE



PECKER



STUDENTS AND FACULTY AT THE 2022 STAVROS NIARCHOS FOUNDATION BIOETHICS ACADEMY IN ATHENS, GREECE.

Photo: Will Kirk/Johns Hopkins University

## Faculty Resume International Work in Pandemic's Wake

As pandemic travel restrictions loosened, Berman Institute faculty resumed a wide range of in-person global activities, many of which had transitioned online during the two previous years.

In March, Joe Ali, the Berman Institute's Associate Director for Global Programs, attended a national meeting in Addis Ababa, Ethiopia, where he is collaborating with the Ministry of Education and Addis Ababa University to a master's program in research ethics. Ali spoke to more than eighty leaders from across the nation about the experiences of other African countries in establishing research ethics societies, the importance of collaboration with other institutions, and the advantage of using Addis Ababa University as a central training hub for research ethics.

In June, the Berman Institute and the Ethox Centre at the University of Oxford, partners in the Global Infectious Disease Ethics Collaborative (GLIDE), co-hosted the Global Health Ethics Conference in Oxford, England. The theme of this year's conference "From Crisis to Wellbeing: Recognizing the Power and Potential of Global Health Ethics," focused on advancing knowledge and capacity in global health ethics and exploring societal wellbeing and unity within global health ethics. At the conference, Jeffrey Kahn, PhD, MPH, the Andreas C. Dracopoulos Director of the Berman Institute, announced the launch of GLIDE Gateway, a timely and critically important new web portal, established in collaboration with Wellcome

Open Research, for publishing open access, peer-reviewed articles focusing on ethics, infectious disease, and global health.

"The Gateway will enhance GLIDE's capacity to provide a flexible collaborative platform for identifying and analyzing ethical issues arising in infectious disease treatment, research, and preparedness, through the lens of global health ethics. It serves as an inclusive space for diverse global perspectives, with particular attention to including the voices of researchers at all career stages," said Kahn.

The Stavros Niarchos Foundation Bioethics Academy (SNFBA), launched in 2019 to support and enhance knowledge and awareness for bioethics in Greece, held its annual bioethics course at the Stavros Niarchos Foundation Cultural Center in Athens, Greece. From June 19-21, 50 health care professionals, clinical researchers, students, and trainees from across Greece attended the three-day intensive session, "Ethics and Research: Lessons from the Pandemic." SNFBA is co-directed by Kahn and Prof. Effy Vayena of the ETH-Zurich, and the intensive course featured discussions led by Berman Institute faculty members Ruth Faden and Jeremy Sugarman along with colleagues from ETH.

"The Berman Institute's work has always had a global focus, and that didn't stop while the pandemic limited our ability to travel," Ali said. "But it's been very rewarding to resume our work face-to-face with our international colleagues, and there's no substitute for the energy and ideas that such collaboration produces."



(L TO R): BERMAN INSTITUTE FACULTY NANCY KASS AND JOE ALI; NELSON SEWANKAMBO OF UGANDA'S MAKERERE UNIVERSITY; BERMAN INSTITUTE DIRECTOR JEFFREY KAHN; MICHAEL PARKER, DIRECTOR OF THE WELLCOME CENTER FOR ETHICS AND HUMANITIES AT THE UNIVERSITY OF OXFORD



## Lauren Arora Hutchinson Named Inaugural Director of Dracopoulos-Bloomberg iDeas Lab



Former BBC journalist and award-winning audio storyteller Lauren Arora Hutchinson, PhD joined the Berman Institute in June as the inaugural director of its Dracopoulos-Bloomberg iDeas Lab.

“The iDeas Lab is the cornerstone of our new program in public bioethics, which we hope will serve as a model for academic institutions to more effectively

**“The iDeas Lab is the cornerstone of our new program in public bioethics, which we hope will serve as a model for academic institutions to more effectively share clear, accurate and timely information about ethical issues in science, medicine, and public health using creative new formats.”**

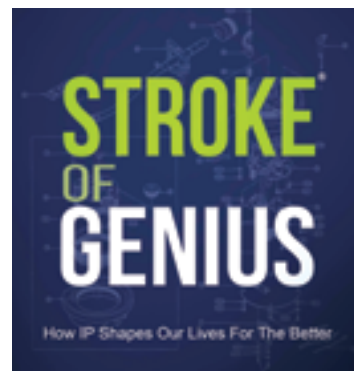
JEFFREY KAHN

share clear, accurate and timely information about ethical issues in science, medicine, and public health using creative new formats,” said Jeffrey Kahn, PhD, MPH, the Andreas C. Dracopoulos Director of the Berman

Institute. “As an innovator in developing new techniques and approaches for presenting scholarly information to broad audiences, Lauren is uniquely qualified to help guide this groundbreaking project.”

Hutchinson founded the immersive audio studio Sunday Blue to further explore the intersection between sound, story and interactivity and look at how intimate experiences can be shared. She produced more than 20 independent features for the BBC, including talking to holocaust survivor Eva Schloss about becoming a hologram, speaking to Manfred Mohr about being one of the first people to use a computer to make art, and looking at how virtual reality has been used to explore grief.

Hutchinson hosted the first season of *Stroke of Genius*, a podcast about the history of inventions, and worked with the UK’s Institute of Art and Ideas to launch its podcast *Philosophy for Our Times*, taking it to number two on the iTunes chart for Philosophy. She was previously the Creative Director of a boutique augmented reality company in London and has worked with new technologies to combine movement with the listening experience. She created and co-directed *Pilgrim*, the world’s first augmented reality podcast, in partnership with Bose AR.



Hutchinson holds a PhD in the History of Science with a focus on Oral History from the London School of Hygiene and Tropical Medicine, where she taught in the Masters for Global Public Health program for six years, and completed a Wellcome Trust Imperial Media Fellowship to develop skills in science communication. Hutchinson is also an Artist in Residence at the Made in New York Media Centre where she runs workshops in immersive audio and is a Research Fellow at the Johns Hopkins Immersive Storytelling and Emerging Technologies Lab.

“The Covid-19 pandemic demonstrated how bioethics is a vital consideration in so many aspects of contemporary life: balance between personal freedom and public safety; allocating scarce medical resources; safely developing vaccines; using new contact tracing technology, and much more,” said Kahn. “We hope the Berman Institute’s public-facing programs and content will lead to greater engagement with bioethics issues that impact our communities, inform public discussion and ultimately impact policy decisions.”

The Dracopoulos-Bloomberg Bioethics iDeas Lab, named in recognition of gifts from Andreas C. Dracopoulos, a trustee of Johns Hopkins University and member of the Berman Institute’s National Advisory Board, and former chair of the University’s Board of Trustees Michael R. Bloomberg, will enable the Berman Institute to pioneer new approaches for creating bioethics content, taking advantage of new media strategies, the latest media technologies and innovative approaches to visualization of information and research results.

The \$3 million gift will support new physical space to house the iDeas Lab, provide new technology, and support new professional staff and faculty colleagues devoted to the creation and distribution of engaging digital, audio, and video content with a focus on dissemination professionals, policymakers, and — critically important — the public. Dracopoulos previously funded the creation of a similar and very successful lab at the Center for Strategic & International Studies (CSIS) in Washington, DC, one of the nation’s leading national security think tanks. The CSIS iDeas Lab was an early leader in bringing together their scholars with content producers, developers and designers to create a compelling range of digital products of research.



## Debra Mathews Appointed President-Elect of the International Neuroethics Society

Debra Mathews, PhD, the Assistant Director for Science Programs for the Johns Hopkins Berman Institute of Bioethics and an Associate Professor in the Department of Genetic Medicine at the JHU School of Medicine, has been appointed as President-elect of the International Neuroethics Society (INS). After one year in this role, Mathews will serve a two-year term as President, during which time she will work to expand connections between the INS and other professional societies, including those representing neuroscientists and researchers in other areas of science and bioethics.

“Even as disciplinary silos can be incredibly helpful for enabling specialization and depth, and for creating and building community, they can also cut us off from valuable information, ideas, methods, and relationships. I would like to see the field and the INS build connections to scientists and technologists and to social scientists asking similar questions in different academic spaces,” said Mathews. “Doing so will not only expand the universe of people who know about and might get involved with the INS but will also help expand the thinking and enrich the scholarship of our members.”

Mathews is responsible for overseeing science and technology related programs in the Berman Institute. She also runs the Genomics and Society Mentorship Program and serves as the Chair of the Berman Institute’s Inclusion, Diversity, Anti-Racism, and Equity Committee. Within the Johns Hopkin Institute for Assured Autonomy (IAA), Mathews serves as the Ethics & Governance Lead. In this role, she leads work focused on the ethical, societal and governance implications of autonomous systems, and identifies opportunities across IAA for the integration of ethics and governance work and priorities. She has been an active member of the INS since 2006 and has served on the Society’s Board of Directors since 2015.



## Building a ‘Bridge’ to AI Technologies

### BERMAN INSTITUTE FACULTY JOIN NEW NIH CONSORTIUM

Berman Institute faculty will take part in a consortium of biomedical and behavioral research scientists across the U.S. to generate “artificial intelligence (AI)-ready” data sets that are ethically sourced. The consortium, Artificial Intelligence Ready and Equitable Atlas for Diabetes Insights (AI-READI), will be supported by approximately \$30 million over the next four years from the National Institutes of Health (NIH) Bridge to Artificial Intelligence (Bridge2AI) Common Fund.

“We’re not aiming to solve just one question about human health,” said Berman Institute faculty member Megan Collins, MD, MPH, who co-leads the AI-READI consortium’s ethics section with Berman Institute colleague Kadija Ferryman, PhD and Tin Yan Alvin Liu, MD,

vessels in the retina in patients with diabetes.

The key to improving such tools, said Ferryman, is high quality data: “The reliability of AI-based predictions depends on the quality of data used to train computer systems that analyze the data. For example, ideally, such a data set will draw from subjects from diverse ethnic and socioeconomic backgrounds.”

To reach a wide array of people who can provide health information for the project, the research teams are building resources to engage with local communities, input from which can help modify project plans and the data collection process.

“Often, when work like this is undertaken, ethical issues are addressed at the back end, after the data have been collected and are being used in research and development,” said Debra Mathews, PhD, the Berman Institute’s Assistant Director for

# BRIDGE2AI

founding director of the Wilmer Eye Institute’s Precision Ophthalmology Center of Excellence. “We’re designing a system to ethically collect and generate data sets with various types of information that will be useful for many generations of scientists who specialize in using machine learning to solve challenging issues in human health.”

The AI-READI consortium, led by the University of Washington, will collect health information from people with diabetes, but Dr. Collins points to the fields of ophthalmology and radiology as some of the first to integrate AI technologies in standard clinical practice. For example, Dr. Collins said the first fully autonomous AI system approved by the Food and Drug Administration in a medical field is used to screen for diabetic retinopathy, a common condition that damages blood

Science Programs. “That’s when, for example, it is discovered that the data set is not representative or the data are biased, such that not everyone will benefit equally from the research. Many ethical issues, including those raised by artificial intelligence enabled technologies, are much easier to address much earlier in the process.”

Mathews and Berman Institute founder Ruth Faden, PhD, MPH are co-investigators in the AI-READI consortium.

The Johns Hopkins research team is leading needs assessments to evaluate what scientists know and don’t know about perceptions in the community of AI and data collection. These assessments will be followed by the development of ethics consultation and education for consortium collaborators in other groups.



## Initial Lacks Hall Design Aims to Reflect Spirit and Legacy of Namesake

In 2022, Johns Hopkins University presented the initial design plans for the on-campus building project named in honor of Henrietta Lacks, the Baltimore County woman whose cells have advanced medicine around the world, during an Urban Design and Architecture Advisory Panel meeting for Baltimore City Planning. This marks an important milestone in the building project, for which design work will continue into 2023.

“The architectural design of the building to be named for Henrietta Lacks reflects Johns Hopkins’ commitment to proudly honor and celebrate Mrs. Lacks’ extraordinary legacy on our campus,” said Ronald Daniels, President of Johns Hopkins University. “We are excited to share these plans with the city’s design and architecture advisory panel, and we look forward to continuing to work closely with the Baltimore community and the family of Henrietta Lacks as this important project moves forward.”

The new, approximately 34,000 square foot building in East Baltimore will adjoin the Berman Institute’s home in the historic Deering Hall. Located at the corner of Ashland and Rutland avenues, in the heart of Baltimore’s Eager Park community, the building will support multidisciplinary and complementary programs of the Berman Institute and the School of Medicine, and other university divisions, and will include flexible program and classroom space to

support education and research. Meeting space will also be made available for community use.

“It is exciting to know what the building named in honor of my grandmother, Henrietta Lacks, will look like from the outside, helping to share her legacy. I’m happy to see it presented to the Baltimore community,” said Jeri Lacks Whye, granddaughter of Henrietta Lacks and member of the Henrietta Lacks Building Advisory Committee. “The design reflects not only her strong and beautiful spirit but her important role she plays in the history, and future, of East Baltimore.”

“This important building will significantly expand our capacity for teaching, scholarship and community-building, inspiring efforts to address inequities in biomedical research and health care that are an additional tribute to its remarkable namesake,” said Jeffrey Kahn, PhD, MPH, the Andreas C. Dracopoulos Director of the Berman Institute.

Construction is planned to start in 2023. Johns Hopkins also announced that the building will be completed in 2025, with an opening celebration to be planned.

“The expression of this building is unique to its surroundings, as Henrietta Lacks was a unique African American human being in this world. Our team has worked to design a building that fits within the urban context but has a special identity that we hope people believe warrants carrying the name of Henrietta Lacks,” said Victor Vines, president, and Robert Thomas, director of design of Vines Architecture. “As we continue progress on the design, we believe that this building will remain a critical way to share the story of Henrietta Lacks for generations to come.”



**Ali J**, Antonelli M, Bastian L, Becker W, Brandt CA, Burgess DJ, et al. **Optimizing the Impact of Pragmatic Clinical Trials for Veteran and Military Populations: Lessons From the Pain Management Collaboratory.** *Military Medicine.* 2022 Nov 13

**Ali J, Cohn B**, Mwaka E, **Bollinger JM**, Kwagala B, Barugahare J, Sewankambo NK, Ochieng J. **A scoping review of genetics and genomics research ethics policies and guidelines for Africa.** *BMC Med Ethics.* 2021 Apr 2;22(1):39.

**Ali J**, Davis AF, Burgess DJ, Rhon DI, Vining R, Young-McCaughan S, et al. **Justice and equity in pragmatic clinical trials: Considerations for pain research within integrated health systems.** *Learning Health Systems.* 2021 Oct 19 ;6(2).

**Ali J, Morain SR**, O’Rourke PP, Wilfond B, O’Brien EC, Zigler CK, et al, including **Sugarman J**. **Responding to signals of mental and behavioral health risk in pragmatic clinical trials: Ethical obligations in a healthcare ecosystem.** *Contemporary Clinical Trials.* 2022 Jan 5;113:106651.

## Publications

SEPTEMBER 2021 - AUGUST 2022

LISTED ALPHABETICALLY BY PRIMARY AUTHOR  
WITH BERMAN INSTITUTE FACULTY, TRAINEES,  
AND STUDENTS IDENTIFIED IN BOLD.

Alinsky R, Prichett L, Chang HY, Alexander GC, Stein B, **Saloner B**. 29. **Use of Buprenorphine for Opioid Use Disorder among US Adolescents and Young Adults During the COVID-19 Pandemic.** *Journal of Adolescent Health.* 2022 Apr 1;70(4, Supplement):S16.

Alon L, **Boss RD, Seltzer RR**. “Long-term Care for Children with Medical Complexity: A Call for Data” *Pediatrics.* 2022; 149(6).

Anderson K, **DiStefano MJ**, Liu A, Mattingly TJ, Socal M, Anderson G. **Incorporating Added Therapeutic Benefit into Medicare Payment for Expensive Part B Drugs.** American Society of Health Economists (ASHEcon) Conference, Austin, TX, June 29, 2022.

Antonio Aguirre B, Collins MLZ, **Collins ME**. **Vision Screening Requirements for School-age Children during the COVID-19 Pandemic.** *Ophthalmic Epidemiology.* 2021 Dec 29

Antonsdottir I, **Rushton CH**, Nelson KE, Heinze KE, Swoboda SM, Hanson GC. **Burnout and moral resilience in interdisciplinary healthcare professionals.** *Journal of Clinical Nursing.* 2022 Jan. 33(1-2):196-208

Bandara S, Maniates H, Hulsey E, Smith J, DiDomenico E, Stuart E, et al, including **Saloner B**. **Opioid treatment program safety measures during the COVID-19 pandemic: a statewide survey | SpringerLink.** BMC Health Services Research. 2022 Mar 30;22.

Bardosh K, de Figueiredo A, **Gur-Arie R**, Jamrozik E, Doidge JJ, Lemmens T, Keshavjee S, Graham J, Baral S. (2022). **The Unintended Consequences of COVID-19 Vaccine Policy: Why Mandates, Passports, and Segregated Lockdowns May Cause more Harm than Good.** *BMJ Global Health.* 2022.

**Barnhill A**, Bernstein J, **Faden R, McLaren R, Rieder TN, Fanzo J**. “Moral Reasons for Individuals in High-income Countries to Limit Beef Consumption.” *Food Ethics.* 2022 Jun 17.7(11).

**Barnhill A**, Bonotti M. **Healthy Eating Policy and Political Philosophy: A Public Reason Approach.** Oxford, New York: Oxford University Press; 2022. 264 p.

**Barnhill A**, Ramirez AS, Ashe M, Berhaupt-Glickstein A, Freudenberg N, Grier SA, et al. **The Racialized Marketing of Unhealthy Foods and Beverages: Perspectives and Potential Remedies.** *Journal of Law, Medicine & Ethics.* 2022 Mar 4;50(1):52–9.

**Barnhill A** and Bonotti M. “The Ethical Dimensions of Recipe Modification,” in *Philosophy of Recipes*, eds. Andrea Borghini and Patrik Engisch, Bloomsbury Press (2021)

**Barnhill A** and **Faden R**. “Can Alt-Meat Alter the World?” in *Future Morality*, ed. David Edmonds, Oxford University Press (2021)

Barone S, **Unguru Y**. **Caring for Adolescents: Unique Ethical Considerations.** Nortjé N, Bester JC, editors. *Pediatric Ethics: Theory and Practice.* 2021 Dec 2;155–69.

Barrett CB, Benton T, **Fanzo J**, Herrero M, Nelson RJ, Bageant E, et al. **Socio-Technical Innovation Bundles for Agri-Food Systems Transformation.** 1st ed. Palgrave Macmillan Cham; 2022. 195 p. (Sustainable Development Goals Series).

Barrett CB, **Fanzo J**, Herrero M, Mason-D’Croz D, Mathys A, Thornton PK, et al. **COVID-19 pandemic lessons for agri-food systems innovation.** *Environ Res Lett.* 2021 Sep 21;16(10).

Barry CL, **Saloner B**. **Using Policy Tools to Improve Population Health — Combating the U.S. Opioid Crisis.** *New England Journal of Medicine.* 2021 Nov 27;385:2113–6.

**Beach MC**, Lederman H, Singleton M, Brower R, **Carrese JA**, Ford F, Hanosti B, Hendrix CW, Jorgensen EV, Moore, RD, Rocca P, Zenilman JM. **Desperate Times – Protecting the Public from Research without Consent or Oversight during Public Health Emergencies.** *Ann Intern Med.* 2020;173(11):926-928.

**Beach MC**, Park J, Han D, Evans C, Moore RD, Saha S. **Clinician Response to Patient Emotion: Impact on Subsequent Communication and Visit Length.** *The Annals of Family Medicine.* 2021 Nov 1;19(6):515–20.

Beal SJ, Mara CA, Nause K, Ammerman RT, **Seltzer RR**, Jonson-Reid M, Greiner MV. **Effects of Child Protective Custody Status and Health Risk Behaviors on Healthcare Use among Adolescents.** *Academic Pediatrics.* 2022 Apr; 22(3).

Beesley SJ, Powell A, Groat D, Butler J, Hopkins RO, Rozenblum R, et al, including **Sugarman J**. **Evaluating the Balance Between Privacy and Access in Digital Information Sharing.** *Critical Care Medicine.* 2021 Oct 6;50(2):e109–16.

Beigi R, **Krubiner C**, Jamieson DB, Lyerly A, Hughes RL, **Faden R**, Karron R. “The Need for Inclusion of Pregnant Women in COVID-19 Vaccine Trials” *Vaccine* 39 (6). (2021): 868-870.

Bell W, Coates J, **Fanzo J**, Wilson NLW, Masters WA. **Beyond price and income: Preferences and food values in peri-urban Viet Nam.** *Appetite.* 2021 Jun 19;166.

Benedetti D, Marron J, Thomas S, Caruso Brown A et al, including **Unguru Y**. **Words matter.** *J Clin Oncol.* 2022. In press.

Bennett S, Newman-Griffis DR, **Beach MC, Gross M.** **Digital Scarlet Letters: Sexually Transmitted Infections in the Electronic Medical Record.** *Sexually Transmitted Diseases.* 2021 Nov 10;49(6):70–4.

**Berger Z**, Galasinski D, Scalia P, Dong K, Blunt HB, Elwyn G. **The submissive silence of others: Examining definitions of shared decision making.** *Patient Education and Counseling.* 2021 Oct 22;105(7):1980–7.

**Berger Z**, Peled Y. **Language and Health (In)Equity in US Latinx Communities.** *AMA Journal of Ethics.* 2022 Apr 1;24(4):313–8.

**Berkowitz ID**. “Doc, Can’t You Put Him Down?!” July 1, 2022. CLOSLER. <https://closler.org/passion-in-the-medical-profession/doc-cant-you-put-him-down>

**Berkowitz ID**. **Lessons From My Experience As A Grandpa And Clinician.** July 30, 2021. CLOSLER. [https://closler.org/passion-in-the-medical-profession/\\_trashed-5](https://closler.org/passion-in-the-medical-profession/_trashed-5)

Bernstein J, **Barnhill A, Rieder T**. **How Should Governments Make COVID-19 Policy? The Philosophers’ Magazine.** 2021 Dec 29;(95):43-50.

Bernstein J and **Barnhill A**. **Review of Political Philosophy in a Pandemic: Routes to a More Just Future**, Fay Niker and Aavek Bhattacharya (eds.), *Ethical Theory and Moral Practice* (April 2022)

Berrios C, **Bollinger J**, Yan J, Biesecker B, Chakravarti A. **Identifying Needs, Challenges, and Benefits Among Adults and Parents of Children with Hirschsprung Disease.** *Journal of Pediatric Gastroenterology and Nutrition.* 2022 Feb 10;74(5):103–8.

Bliamptis J, **Barnhill A**. **Physician perspectives on placebo ethics.** *Journal of Medical Ethics.* 2021 Jul 13

Bogetz JF, Munjapara V, Henderson CM, Raisanen JC, Jabre NA, Shipman KJ, et al, including **Boss RD**. **Home mechanical ventilation for children with severe neurological impairment: Parents’ perspectives on clinician counselling.** *Developmental Medicine & Child Neurology.* 2022 Jan 26;64(7):840–6.

Bonotti M, **Barnhill A**. **Food, Gentrification and Located Life Plans.** *Food ethics* [Internet]. 2022 Mar 29 [cited 2022 Apr 4];7

**Boyd JL, Sugarman J**. **Toward Responsible Public Engagement in Neuroethics.** *AJOB Neuroscience.* 13:2, 103-106.

Brenner MJ, Boothman RC, **Rushton CH**, Bradford CR, Hickson GB. **Honesty and Transparency, Indispensable to the Clinical Mission- Part I: How Tiered Professionalism Interventions Support Teamwork and Prevent Adverse Events.** *Otolaryngologic Clinics of North America.* 55(1) 43-61. 2022 Feb.

Brenner MJ, Hickson GB, Boothman RC, **Rushton CH**, Bradford CR. **Honesty and Transparency, Indispensable to the Clinical Mission – Part II: How Communication-and-Resolution Programs Promote Patient Safety and Trust.** *Otolaryngologic Clinics of North America.* 2022 Feb. 55(1), 63-82.

Bromage S, Zhang Y, Holmes MD, Sachs SE, **Fanzo J**, Remans R, et al. **The Global Diet Quality Score Is Inversely Associated with Nutrient Inadequacy, Low Midupper Arm Circumference, and Anemia in Rural Adults in Ten Sub-Saharan African Countries.** *The Journal of Nutrition.* 2021 Oct 23;151(2):119S-129S.

Brunson E, Schoch-Spana M, Carnes M, Hasongadi D, Long R, Ravi S, on behalf of the CommuniVax Coalition (**Kass NE** is a member). **Carrying Equity in COVID-19 Vaccination Forward: Guidance Informed by Communities of Color.** The Johns Hopkins Center for Health Security; 2021 Jul p. 57.

Cabreros I, Griffin BA, **Saloner B**, Gordon AJ, Kerber R, Stein BD. **Buprenorphine prescriber monthly patient caseloads: An examination of 6-year trajectories.** *Drug and Alcohol Dependence.* 2021 Sep 22;228(109089).

Caron P, van Ittersum M, Avermaete T, Brunori G, **Fanzo J**, Giller K, et al. **Statement based on the 4th international conference on global food security – December 2020: Challenges for a disruptive research Agenda.** *Global Food Security.* 2021 Jun 28 ;30.

**Carrese J**, Forbes L, Branyon E, Aboumatar H, **Geller G, Beach MC, Sugarman J**. **Observations regarding treatment with respect and dignity in the intensive care unit.** *Narrative Inquiry in Bioethics.* 2015; 5(1A):45-53.

**Carrese JA**, Malek J, Watson K, Lehman LS, Green MJ, McCullough LB, Geller G, Braddock CH, Doukas DJ. “**The Romanell Report: The Essential Role of Medical Ethics Education in Achieving Professionalism.**” *Academic Medicine.* 2015; 90(6):744-52.

**Carrese JA**, Antommaria AH, Berkowitz KA, Berger J, Carrese J, Childs BH, et al. **HCEC Pearls and Pitfalls: Suggested Do’s and Don’ts for Health Care Ethics Consultants** *The Journal of Clinical Ethics.* 2011; 23(3), 234-240.

**Carrese JA**, McDonald EL, **Moon M**, Taylor HA, Khaira K, **Beach MC, Hughes MT**. **Everyday Ethics in Internal Medicine Resident Clinic: An Opportunity to Teach.** *Medical Education.* 2011; 45(7), 712-721.

**Carrese JA**. **The importance of hanging in there.** *Am J Med.* 2020 March; 133(3):395-96.

**Collins ME**, Guo X, Repka MX, Neitzel AJ, Friedman DS. **Lessons Learned From School-Based Delivery of Vision Care in Baltimore, Maryland.** *The Asia-Pacific Journal of Ophthalmology.* 2022 Jan;11(1):6-11.

Cox CJ, Wilkinson MM, **Erdek MA**. **Successful spinal cord stimulation for chronic pancreatitis and post-laminectomy pain.** *Pain Manag.* 2022 Mar;12(2):123-129.

Crane M, **Faden R**, Romley J. “Disparities in County COVID-19 Vaccination Rates Linked to Disadvantage and Hesitancy” *Health Affairs* 40(11), (2021).

Crane M, Jaffe E, Beigi R, **Krubiner C**, Wonodi C, **Faden R**. “Prioritization of pregnant individuals in state plans for coronavirus disease 2019 vaccination,” *American Journal of Obstetrics and Gynecology* 225 (1), (2021): 95-99.

Cuviello A, Yip C, Battles H, Wiener L, **Boss RD**. **Triggers for Palliative Care Referral in Pediatric Oncology.** *Cancers* 2021 13(6):1419.

Deeks SG, Archin N, Cannon P, Collins S, Jones RB, de Jong MAWP, et al, including **Sugarman J**. **Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021.** *Nat Med.* 2021 Dec 1;(27):2085–98.

Dineen KK, Lowe A, **Kass NE**, Lee LM, Wynia MK, Voo TC, et al. **Treating Workers as Essential Too: An Ethical Framework for Public Health Interventions to Prevent and Control COVID-19 Infections among Meat-processing Facility Workers and Their Communities in the United States.** *Bioethical Inquiry.* 2022 May 6.

**DiStefano MJ**, Abdool Karim S, **Krubiner CB**. **Integrating health technology assessment and the right to health: a qualitative content analysis of procedural values in South African judicial decisions | Health Policy and Planning | Oxford Academic.** *Health Policy and Planning.* 2022 Nov 12;37(5):644–54.

**DiStefano MJ**, Alexander GC, Polsky D, Anderson GF. **Public opinion regarding U.S. Food and Drug Administration approval of aducanumab and potential policy responses: A nationally representative survey.** *Journal of the American Geriatrics Society.* 2022 Feb 7;70(6):1685–94.

**DiStefano MJ**, Alexander GC. **Anderson GF.** 2022. **Reply to: The informed majority could help make research into Alzheimer’s disease fairer and more efficient.** *Journal of the American Geriatrics Society.* doi: 10.1111/jgs.17757.

**DiStefano MJ**, Kang SY, Yehia F, **Morales C**, Anderson GW, et al. 2021. **Assessing the added therapeutic benefit of ultra-expensive drugs.** *Value in Health* 24(3): 397-403.

**DiStefano MJ**, Kang SY, Socal MP, Anderson G. 2022. **Innovation in the United States health-care system’s organization and delivery.** *The School of Public Policy Publications* 15(1).

Dorner B, **Boss RD**, Burton VJ, Raja K, Robinson S, Lemmon M. **Isolated and On Guard: Preparing Neonatal Intensive Care Unit Families for Life with Hydrocephalus.** *Am J Perinat* 2021 doi: 10.1055/s-0040-1722344.

Downs SM, Ahmed S, Warne T, **Fanzo J**, Loucks K. **The global food environment transition based on the socio-demographic index.** *Global Food Security.* 2022 Apr 15 ;33.

Downs SM, Nicholas K, Linn KK, **Fanzo J**. **Examining the trade-offs of palm oil production and consumption from a sustainable diets perspective: lessons learned from Myanmar | Public Health Nutrition | Cambridge Core.** *Public Health Nutrition.* 2021 Nov 15;25(4):964–76.

Drazich BF, Jenkins E, Nkimbeng M, Abshire Saylor M, Szanton SL, Wright R, et al, including **Beach MC**. **Exploring the Experiences of Co-morbid Pain and Depression in Older African American Women and Their Preferred Management Strategies.** *Frontiers in Pain Research.* 2022 Feb 28 ;3.

Dube K, Eskaf S, Barr L, Palm D, Hogg E, Simoni J, et al, including **Sugarman J**. **Participant Perspectives and Experiences Following an Intensively Monitored Antiretroviral Pause (IMAP) in the United States: Results from the AIDS Clinical Trials Group (ACTG) A5345 Biomarker Study.** *AIDS Research and Human Retroviruses.* 2022 Mar 24;38(6):510–7.

Dubé K, Kanazawa J, Taylor J, Dee L, Jones N, Roebuck C, et al, including **Sugarman J**. **Ethics of HIV cure research: an unfinished agenda.** *BMC Medical Ethics.* 2021 Jun 30 ;22(1).

**Erdek MA**, Chen AF, Humbyrd CJ. **Are Growing Rates of Total Joint Arthroplasty in Younger Patients of Concern?** *Pain Med* 2021 Sep 8;22(9):1901-1904.

**Erdek MA**. **Mission Reborn in the COVID Crisis.** *Linacre Quarterly* 2021: 88 (4), 342-346.

**Faden R**, Beauchamp T, **Mathews D, Regenber A**. “Toward a Theory of Moral Status Inclusive of Nonhuman Animals: Pig Brains in a Vat, Cows versus Chickens, and Human-Nonhuman Chimeras” in Savulescu, J, Clarke, S, Zohny, H. eds: *Rethinking Moral Status*, Oxford University Press, 2021. DOI: 10.1093/oso/9780192894076.003.0010

**Faden R, Kass N**. “Learning Health Care and the Obligation to Participate in Research” *The Hastings Center Report* 52(3), (2022).

**Fanzo J**, Haddad L, Schneider KR, Béné C, Covic NM, Guarin A, et al, including **McLaren R**. **Viewpoint: Rigorous monitoring is necessary to guide food system transformation in the countdown to the 2030 global goals.** *Food Policy.* 2021 Oct 1;104.

**Fanzo J**, Shawar YR, Shiffman J. **Managing Differences Among Pro-nutrition Actors on Corporate Engagement; A Response to the Recent Commentary.** *International Journal of Health Policy and Management.* 2022 Feb 27;1–2.

**Fanzo J**. **A Path to Sustainable Food Systems.** *Current History.* 2021 Nov 1;120(829):313–9.

**Fanzo JC**, Downs SM. **Climate change and nutrition-associated diseases.** *Nat Rev Dis Primers.* 2021 Dec 9;7(90).

Federico CA, Heagerty PJ, Lantos J, O’Rourke P, Rahimzadeh V, **Sugarman J**, et al. **Ethical and epistemic issues in the design and conduct of pragmatic stepped- wedge cluster randomized clinical trials.** *Contemporary Clinical Trials.* 2022 Feb 15 ;115.

Fernandez SB, Ward MK, Ramirez-Ortiz D, Flores A, Gonzalez Santander T, Dawit R, et al, including **Beach MC**. **Clients’ Perspectives on Patient-Centeredness: a Qualitative Study with Low-Income Minority Women Receiving HIV Care in South Florida | SpringerLink.** *Journal of Racial and Ethnic Health Disparities.* 2022 Apr 14.

**Ferryman K**. **Rethinking the AI Chasm.** *The American Journal of Bioethics.* 2022 Apr 27;22(5):29–30.

Finucane TE, **Carrese JA**. **Race and Ethnicity in Clinical Case Presentations.** *N Engl J Med.* 2022; 386:1194-1196 (Letter to the Editor)

Fletcher FE, Lapite F, **Morain SR**. **Grounding Medical Education in Health Equity: The Time is Now.** *American Journal of Bioethics* 2021; 21(9): 23-25.

Fowler LR, Schoen L, **Morain SR**. **Let’s Tok About Sex.** *Journal of Adolescent Health.* 2021 Sep 10;69(5):687–8.

**Garland A**, Weinfurt K, **Sugarman J**. **Incentives and payments in pragmatic clinical trials: Scientific, ethical, and policy considerations.** *Clinical Trials.* 2021 Nov 12;18(6):699-705.



**Garland, A.** For the common good. *Journal of Applied Philosophy*. 2021.

Gerber JE, Brewer J, Limaye RJ, Sutherland A, Blunt M, Holroyd TA, et al, including **Geller G, Kahn J.** Vaccinomics: a cross-sectional survey of public values. *Human Vaccines & Immunotherapeutics*. 2021 Jun 21;17(9):2999–3015.

**Ghandakly EC.** Doing the Daily, Deliberate Work of Addressing Systemic Racial Injustice in Health Care. *Academic Medicine*. 2021 Jun;96(6):781.

Gibbons JB, Stuart EA, **Saloner B.** Methadone on Wheels — A New Option to Expand Access to Care Through Mobile Units. *JAMA Psychiatry*. 2022 Jan 12;79(3):187–8.

Gibson DG, Al Kibria GM, Pariyo GW, Ahmed S, **Ali J,** Labrique AB, Khan IA, Rutebemberwa E, Flora MS, Hyder AA. “Promised and Lottery Airtime Incentives to Improve Interactive Voice Response Survey Participation Among Adults in Bangladesh and Uganda: Randomized Controlled Trial” *Journal of Medical Internet Research* 2022 May 9;24(5):e36943.

Gostin LO, **Rubenstein LS.** Attacks on Health Care in the War in Ukraine: International Law and the Need for Accountability. *JAMA*. 2022 Apr 1;327(16):1541–2.

**Gross MS, Hood AJ,** Miller Jr RC. Nonfungible Tokens as a Blockchain Solution to Ethical Challenges for the Secondary Use of Biospecimens: Viewpoint. *JMIR Bioinformatics and Biotechnology*. 2021 Oct 22 ;2(1).

**Gross MS, Hood AJ,** Rubin JC, Miller Jr. RC. Respect, justice and learning are limited when patients are deidentified data subjects. *Learning Health Systems*. 2022 Mar 4;n/a(n/a):e10303.

**Gross MS, Hood AJ,** Rubin JC. Response to: HIPAA and the Leak of “Deidentified” EHR Data. *New England Journal of Medicine*. 2021 Sep 16;384:2171–3.

**Gross MS,** Le Neveu M, Milliken KA, **Beach MC.** Patient caught breastfeeding and instructed to stop: an empirical ethics study on marijuana and lactation. *Journal of Cannabis Research*. 2022 Apr 12 ;4(1).

Guo X, Friedman DS, Repka MX, **Collins ME.** Visual acuity and refractive findings in children prescribed glasses from a school-based vision program. *Journal of American Association for Pediatric Ophthalmology and Strabismus*. 2021 Nov 6;25(6):1–7.

Guo X, Nguyen AM, Vongsachang H, Kretz AM, Mukherjee MR, Neitzel AJ, et al including **Collins ME.** Refractive Error Findings in Students Who Failed School-based Vision Screening. *Ophthalmic Epidemiology*. 2021 Jul 22.

**Gur-Arie R, Berger Z,** Rubinstein Reiss D. COVID-19 Vaccine Uptake Through the Lived Experiences of Health Care Personnel: Policy and Legal Considerations | Health Equity. *Health Equity*. 2021 Sep 27;5(1):688–96.

**Gur-Arie R,** Johnson S, **Collins M.** Advancing child health and educational equity during the COVID-19 pandemic through science and advocacy. *Israel Journal of Health Policy Research*. 2022 Jan 7;11(1):3.

**Gur-Arie R,** Kraaijeveld SR, Jamrozik E. An ethical analysis of vaccinating children against COVID-19: benefits, risks, and issues of global health equity. *Wellcome Open Research*; 2021.

**Gur-Arie R, Berger Z,** Rubinstein Reiss D. COVID-19 Vaccine Distribution Policies through the Lived Experiences of Healthcare Personnel (HCP): Policy and Legal Considerations. *Health Equity*. 2021.

**Gur-Arie R,** Davidovitch N, Rosenthal A. Intervention Hesitancy’: Broadening the understanding of vaccine hesitancy among healthcare personnel. *Monash Bioethics Review*. 2022.

Guttmann K, Kelley A, Weintraub A, **Boss R.** Defining Neonatal Serious Illness. *Journal of Palliative Medicine*. 2022 Apr 29.

Henderson CM, Raisanen JC, Shipman KJ, Jabre NA, Wilfond BS, **Boss RD.** Life with pediatric home ventilation: Expectations versus experience. *Pediatric Pulmonology*. 2021 Jul 26;56(10):3366–73.

Herforth A, Bellows AL, Marshall Q, **McLaren R,** Beal T, Nordhagen S, et al, including **Fanzo J.** Diagnosing the performance of food systems to increase accountability toward healthy diets and environmental sustainability. *PLOS ONE*. 2022 Jul 29;17(7):e0270712.

**Hughes MT, Rushton CH.** Ethics and Well-Being: The Health Professions and the COVID-19 Pandemic. *Academic Medicine*. 2021 Nov 16;97(3S):S98–103.

**Hutler B,** Blasimme A, **Gur-Arie R, Ali J, Barnhill A, Hood A, Kahn J,** Perkins NL, **Regenberg A,** Vayena E. “Assessing the Governance of Digital Contact Tracing in Response to COVID-19: Results of a Multi-National Study” *Journal of Law, Medicine & Ethics* (in press).

**Hutler B** and **Barnhill A.** “SNAP Exclusions and the Role of Citizen Participation in Policy-making.” *Social Philosophy & Policy* 38 (1):266–288 (2021)

**Hutler B.** Causation and Injustice: Locating the injustice of racial and ethnic health disparities. *Bioethics*. 2022 Jan 19;36(3):260–6.

**Hutler B.** Two Conceptions of Anti-Establishment: When Should Courts Enforce Religious Arbitration Agreements? *Canopy Forum*. 2022 March 15. <https://canopyforum.org/2022/03/15/two-conceptions-of-anti-establishment-when-should-courts-enforce-religious-arbitration-agreements/>

**Jabre NA,** Raisanen J, Shipman K, Henderson CM, **Boss RD,** Wilfond B. Family Perspectives on Facilitating Decision-Making around Pediatric Tracheostomy and Home Ventilation. *Ped Pulm* 2022 57(2):567-75

Jaffe E, Karron R, **Krubiner C,** Wonodi C, Beigi R, Sheffield J, **Faden R.** Global equity in protection of pregnant frontline workers, *Wellcome Open Research* (2021): 6:66.

Jagsi R, Griffith KA, **Carrese JA, Collins M,** MD; Kao AC, Konrath S, Tovino SA, Wheeler JL, Wright SM. Public Attitudes Regarding Hospitals and Physicians Encouraging Donations From Grateful Patients. *JAMA*. 2020;324(3):270–278. doi:10.1001/jama.2020.9442

Kapoor A, Nandakumar P, Auer DR, Sosa MX, Ross H, **Bollinger J,** Yan J, Berrios C; Hirschsprung Disease Research Collaborative (HDRC), Chakravarti A. Multiple, independent, common variants at RET, SEMA3 and NRG1 gut enhancers specify Hirschsprung disease risk in European ancestry subjects. *J Pediatr Surg*. 2021 Apr 20:S0022-3468(21)00312-2. doi: 10.1016/j.jpedsurg. 2021.04.010. Epub ahead of print. PMID: 34006365.

**Kass NE, Faden RR, Morain SR,** Hallez K, Stametzel RA, Milo AR, et al. Streamlined versus traditional consent for low-risk comparative effectiveness trials: a randomized experimental study to measure patients’ and public attitudes. *Journal of Comparative Effectiveness Research*. 2022 Mar 3;11(5).

**Kass N, Faden R, Morain S.** “What Factors Predict Willingness to Join Low-Risk Pragmatic Clinical Trials” *Hastings Center Report Ethics & Human Research* 43, no. 1 (2021): 17–24. \

Koloi-Keaikitse S, **Geller G,** Jankie D, **Ali J.** “Cultural Values and Beliefs of Selected Local Communities in Botswana: Implications for Human Subject Research Ethics Practice” *Journal of Empirical Research on Human Research Ethics* June 2021.

Kraaijeveld SR, **Gur-Arie R,** Jamrozik E. Against COVID-19 vaccination of healthy children. *Bioethics*. 2022 Mar 25.

Krawczyk N, Bandara S, Merritt S, Shah H, Duncan A, McEntee B, et al, including **Saloner B.** Jail-based treatment for opioid use disorder in the era of bail reform: a qualitative study of barriers and facilitators to implementation of a state-wide medication treatment initiative. *Addict Sci Clin Pract*. 2022 Jun 2;17.

Kretz AM, Vongsachang H, Friedman DS, Callan J, Wahl M, Mukherjee MR, et al, including **Collins ME.** Stakeholders’ Perceptions of a School-Based Eye Care Programme in Baltimore, MD. *Ophthalmic Epidemiology*. 2021 Jul 12.

**Krubiner CB,** Barsdorf NW, Goldstein SJ, Mosam A, Potgieter S, **DiStefano MJ,** Tugendhaft A, Merritt MW, Li R, Chalkidou K, **Faden RR,** and Hofman KJ. “Developing and Piloting a Context-Specified Ethics Framework for Health Technology Assessment: The South African Values and Ethics for Universal Health Coverage (SAVE-UHC) Approach,” *International Journal of Technology Assessment in Health Care* (2022): 38(1), E26.

Lee C, Holroyd TA, **Gur-Arie R,** Sauer M, Zavala E, Paul AM, et al. COVID-19 vaccine acceptance among Bangladeshi adults: Understanding predictors of vaccine intention to inform vaccine policy. *PLOS ONE*. 2022 Jan 13;17(1):e0261929.

Leu GR, Links AR, Park J, **Beach MC,** Boss EF. Parental Expression of Emotions and Surgeon Responses During Consultations for Obstructive Sleep-Disordered Breathing in Children. *JAMA Otolaryngology-Head & Neck Surgery*. 2021 Dec 9;148(2):145–54.

Liebow NK, **Rieder TN.** “What can I possibly do?”: White individual responsibility for addressing racism as a public health crisis. *Bioethics*. 2022 Jan 21;36(3):274–82.

Lyerly AD, Beigi R, Bekker LG, Chi BH, Cohn SE, Diallo DD, et al, including **Faden R, Krubiner C.** Ending the evidence gap for pregnancy, HIV and co-infections: ethics guidance from the PHASES project. *Journal of the International AIDS Society*. 2021 Dec 15;24(12).

Majumder MA, Blank ML, Geary J, **Bollinger JM,** Guerrini CJ, Robinson JO, et al. Challenges to Building a Gene Variant Commons to Assess Hereditary Cancer Risk: Results of a Modified Policy Delphi Panel Deliberation. *Journal of Personalized Medicine*. 2022 Apr 21;11(7):646. doi: 10.3390/jpm11070646.

Marquez N, Ward JA, Parish K, **Saloner B,** Dolovich S. COVID-19 Incidence and Mortality in Federal and State Prisons Compared With the US Population, April 5, 2020, to April 3, 2021. *JAMA*. 2021 Oct 6;326(18):1865–7.

Mason-D’Croz D, **Barnhill A,** Bernstein J, Bogard J, Dennis G, Dixon P, et al, including Fanzo J, **Faden R.** Ethical and economic implications of the adoption of novel plant-based beef substitutes in the USA: a general equilibrium modelling study. *The Lancet Planetary Health*. 2022 Aug 1;6(8):e658–69.

**Mathews DJH,** Balatbat CA, Dzau VJ. Governance of Emerging Technologies in Health and Medicine — Creating a New Framework | NEJM. *The New England Journal of Medicine*. 2022 Apr 13;386:2239–42.

**Mathews DJH, Ram N.** Genomic research data and the justice system — Response. *Science*. 2022 Aug 19;377(6608):827–827.

**Mathews DJH, Ram N.** Get law enforcement out of biospecimen authentication. *Science*. 2022 Jun 17;376(6599):1274–6.

Mavi S, Chan VF, Virgili G, Biagini I, Congdon N, Piyasena P, et al, including **Collins M.** The Impact of Hyperopia on Academic Performance Among Children: A Systematic Review. *The Asia-Pacific Journal of Ophthalmology*. 2022 Jan 20;11(1):36–51.

McNeely SR, **Unguru Y,** Yang E, Fixler JM, Cannon AD, Menon D, et al. Patients with Sickle Cell Disease and Autism Spectrum Disorder. *Adv Neurodev Disord*. 2021 Sep 25;5:457–62.

Meiselbach MK, Drake C, **Saloner B,** Zhu JM, Stein BD, Polsky D. Medicaid Managed Care: Access To Primary Care Providers Who Prescribe Buprenorphine. *Health Affairs*. 2022 Jun 6;41(6):901–10.

Miles A, **Rushton CR,** Wise B, **Boss RD.** Pediatric Chronic Critical Illness, Prolonged ICU Admissions, and Clinician Distress. *J Ped Intens Care* Jan 2021 (e pub ahead of print)

Miller J, Serwint J, **Boss RD.** Clinician-Family Relationships May Impact Neonatal Intensive Care: Clinicians’ Perspectives. *J Perinat* 2021 41(9):2208–2216

Miner SA, Berkman BE, **Altiery de Jesus V,** Jamal L, Grady C. Navigating Pandemic Moral Distress at Home and at Work: Frontline Workers’ Experiences. *AJOB Empirical Bioethics*. 2022 Apr 26.

**Modlin CE,** DeCamp M, Barry M, Rockney D, **Sugarman J.** An Online Ethics Curriculum for Short-Term Global Health Experiences: Evaluating a Decade of Use. *Annals of Global Health*. 2022 Aug 26;88(1):74.

**Modlin CE,** Deng Q, Benkeser D, Mulate YW, Aseffa A, Waller L, Powell K, Kempker RR. Authorship trends in infectious disease research conducted in low-income countries. *PLOS Global Public Health*. 2022; in press.

**Modlin CE,** Vilorio A, Stoff B, Comeau D, Gebremariam TH, Derbew M, Blumberg H, del Rio C, Kempker RR. Medical trainee perspectives of ethical conflicts during a short-term global health rotation in Ethiopia: A qualitative analysis of 30 cases. *Am J Trop Med*. 2021.

Moon S, Armstrong J, **Hutler B,** Upshur R, Katz R, Atuire C, et al, including **Faden R.** Governing the Access to COVID-19 Tools Accelerator: towards greater participation, transparency, and accountability. *The Lancet*. 2021 Dec 10;399(10323):487–94.

**Morain SR, Bollinger JM,** Weinfurt KP, **Sugarman J.** Ethics Challenges in Sharing Data from Pragmatic Clinical Trials. *Clin Trials*. In press.

**Morain SR,** Kraft SA, Wilfond BS, Mcguire A, Dickert NW, **Garland A, Sugarman J.** Toward Meeting the Obligation of Respect for Persons in Pragmatic Clinical Trials. *Hastings Center Report*. 2022;52(3):9–17.

**Morain SR,** Largent EA. Think pragmatically: investigators’ obligations to patient-subjects when research is embedded into care. *American Journal of Bioethics*. 2022 April 18.

**Morain SR, Mathews DJH, Geller G, Bollinger J,** Weinfurt K, Jarvik JG, **May E, Sugarman J.** Identification and management of pragmatic clinical trial collateral findings: A current understanding and directions for future research. *Healthcare*. 2021 Dec 29;9(4). doi: 10.1016/j.hjdsi.2021.100586.

**Morain SR, Mathews DJH,** Weinfurt K, **May E, Bollinger JM, Geller G, Sugarman J.** Stakeholder perspectives regarding pragmatic clinical trial collateral findings. *Learn Health Sys*. 2021; 5:e10245.

**Morain SR,** Fowler LR, Boyd JW. A pregnant pause: system-level barriers to perinatal mental health care. *Health Promotion Practice*. 2022 June 20.

Munoz-Blanco S, **Boss RD,** DeCamp LR, Donohue PK. Developing an audio-based communication tool for NICU discharge of Latino families with Limited English proficiency. *Patient Education and Counseling*. 2021 Oct 9;105(6):1524–31.

Murphy T, **Erdek M,** Smith TJ. Scrambler Therapy for the Treatment of Pain in Schwannomatosis. *Cureus*. 2022 Mar 13;14(3):e23124. doi: 10.7759/cureus.23124.

Nahum AS, Vongsachang H, Friedman DS, **Collins ME.** Parental Trust in School-Based Health Care: A Systematic Review. *Journal of School Health*. 2021 Nov 13;92(1):79–91.

National Academies of Sciences, Engineering and Medicine (**Kahn J** served on the committee). Space Radiation and Astronaut Health: Managing and Communicating Cancer Risks. Washington, DC: The National Academies Press; 2021 Jul.

Neitzel AJ, Wolf B, Guo X, Shakarchi AF, Madden NA, Repka MX, et al, including **Collins ME.** Effect of a Randomized Interventional School-Based Vision Program on Academic Performance of Students in Grades 3 to 7: A Cluster Randomized Clinical Trial. *JAMA Ophthalmology*. 2021 Sep 9;139(10):1104–14.

Nelson K, Hansen G, Boyce D, Ley C, Swavely D, Reina M, **Rushton C.** Organizational Impact on Health Care Workers’ Moral Injury During COVID-19: A Mixed-Methods Analysis. *Journal of Nursing Administration*. 2022 Jan 1. 52(1): 57–66.

Nelson KE, **Rushton CH.** Working While Ill During COVID-19: Ethics, Guilt, and Moral Community. *AACN Advanced Critical Care*. 2021 Sep 15;32(3):356–61.

**Newman AM.** Moving beyond mistrust: Centering institutional change by decentering the white analytical lens. *Bioethics*. 2021 30;36(3):267–72.

O’Brien EC, **Sugarman J,** Weinfurt KP, Larson EB, Heagerty PJ, Hernandez AF, Curtis LH. The impact of COVID-19 on pragmatic clinical trials: lessons learned from the NIH Health Care Systems Research Collaboratory. *Trials* 2022; 23: 424. doi: 10.1186/s13063-022-06385-8. PMID: 35597988.

O’Conor KJ, Golden SH, **Hughes MT,** Sisson SD, Kachalia A. COVID-19 Vaccination: Health Care Organizations’ Responsibility and Opportunity. *Am J Public Health*. 2022 Feb 1;112(2):213–5.

Ochieng J, Kwagala B, Barugahare J, Mwaka E, Ekusai-Sebatta D, **Ali J,** Sewankambo NK. “Perspectives and ethical considerations for return of genetics and genomics research results: a qualitative study of genomics researchers in Uganda” *BMC Medical Ethics* 2021; 22:154.

Orkin AM, Gill PJ, Ghersi D, Campbell L, **Sugarman J,** Emsley R, et al. Guidelines for Reporting Trial Protocols and Completed Trials Modified Due to the COVID-19 Pandemic and Other Extenuating Circumstances: The CONSERVE 2021 Statement. *JAMA*. 2021 Jun 21;326(3):257–65.

Park J, Saha S, Chee B, Taylor J, **Beach MC.** Physician Use of Stigmatizing Language in Patient Medical Records. *JAMA Netw Open*. 2021 Jul 14 ;4(7).

Patel E, Solomon K, Saleem H, **Saloner B,** Pugh T, Hulsey E, et al. Implementation of buprenorphine initiation and warm handoff protocols in emergency departments: A qualitative study of Pennsylvania hospitals. *Journal of Substance Abuse Treatment*. 2021 Nov 8;136.

**Pickard H.** Is addiction a brain disease? A plea for agnosticism and heterogeneity. *Psychopharmacology*. 2021 Nov 26;(239):993–1007.

**Pickard H.** Addiction and the meaning of disease. In N Heather, M Field, AC Moss, S Satel, eds. *Evaluating the Brain Disease Model of Addiction*: 320–228. 2022.

Pytell JD, Sklar MD, **Carrese J,** Rastegar DA, Gunn C, Chander G. “I’m a Survivor:” Perceptions of Chronic Disease and Survivorship Among Individuals in Long-term Remission from Opioid Use Disorder. *J Gen Intern Med*. 2022 Feb; 37(3): 593–600

Raisanen J, **Ruth A,** Donohue PK, Detwiler K, Fratanoni K, Huff S, **Boss RD.** Paying for Pediatric Home Health Care: How families of children with medical complexity navigate gaps in coverage. *Fam Comm Health* 2021 44(3):184-93

**Ram N,** Gable L, Ram J. The Future of Wastewater Monitoring for the Public Health. 56 U. Rich. L. Rev., Wayne State University Law School Research Paper No. 2022-91, 2022 Jan 8.



**Ram N**, Murphy EE, Suter SM. **Regulating Forensic Genetic Genealogy.** *Science.* 2021 Sep 23. 373(6562):1444-1446.

**Ram N.** America's Hidden National DNA Database. *Texas Law Review.* 2022 June. 100(7):1253-1323.

Raraigh KS, **Lewis MH**, Collaco JM, Corey M, Penland CM, Stephenson AL, et al. **Caution advised in the use of CFTR modulator treatment for individuals harboring specific CFTR variants.** *Journal of Cystic Fibrosis.* 2022 May 5.

Reese JB, El-Jawahri A, Soric K, Cruz C, Bober SL, Daly MB, et al, including **Beach MC.** **Investigating the impact of the COVID-19 pandemic on breast cancer clinicians' communication about sexual health.** *Support Care Cancer.* 2022 Mar 29;30:5801-10.

Roland LT, **Regenberg A**, Luong AU, Wise SK, Toskala E, Lam KK, et al. **Biologics for chronic rhinosinusitis with nasal polyps: Economics and ethics.** *International Forum of Allergy & Rhinology.* 2021 Jul 11;11(11):1524-8.

Ronto R, Saberi G, Robbers GML, Godrich S, Lawrence M, Somerset S, et al, including **Fanzo J.** **Identifying effective interventions to promote consumption of protein-rich foods from lower ecological footprint sources: A systematic literature review.** *PLOS Global Public Health.* 2022 Mar 16;2(3).

Rosa WE, Buck HG, Squires AP, Kozachik SL, Abu-Saad Huijjer H, Bakitas M, et al, including **Rushton CH.** **American Academy of Nursing Expert Panel consensus statement on nursing's roles in ensuring universal palliative care access.** *Nursing Outlook.* 69(6): 961-968. 2021 Dec.

Rosa WE, Buck HG, Squires AP, Kozachik SL, Abu-Saad Huijjer H, Bakitas M, et al, including **Rushton CH.** **International consensus-based policy recommendations to advance universal palliative care access from the American Academy of Nursing Expert Panels.** *Nursing Outlook.* 70(1):36-46. 2022 Feb.

**Rushton CH,** Thomas TA, Antonsdottir IM, Nelson KE, Boyce D, Vioral A, et al. **Moral Injury and Moral Resilience in Health Care Workers during COVID-19 Pandemic.** *Journal of Palliative Medicine.* 2021 Oct 22 ;25(5).

**Rushton C**, Wood L, Grimley K, Mansfield J, Jacobs B, Wolf J. **Rebuilding a foundation of trust: A call to action in creating a safe environment for everyone.** *Patient Experience Journal.* 2021 Nov 4;8(3):5-12.

**Rushton C.** (2022) **Harnessing our anger in constructive ways.** *American Nurse Journal.* 2022 Jan. 57.

**Rushton C**, Nelson, K, Antonsdottir I, Hanson G, Boyce D. **Perceived organizational effectiveness, moral injury, and moral resilience among nurses during the COVID-19 pandemic: Secondary analysis.** *Nursing Management.* 2022 Feb. 53(7)12-22.

**Rushton CH,** Thomas T, Antonsdottir I, Nelson K, Boyce D, Vioral A, Swavley D, Ley C, Hanson G. **Moral Injury, Ethical Concerns and Moral Resilience in Health Care Workers during COVID-19 Pandemic.** *Journal of Palliative Medicine.* 2022 Apr 20. 25(5), 712-719

**Rushton CH**, Nelson KE, Antonsdottir I, Hanson GC, Boyce D. **Perceived organizational effectiveness, moral injury, and moral resilience among nurses during the COVID-19 pandemic: Secondary analysis.** *Nursing Management.* 2022 Jul;53(7):12-22.

**Rushton CH,** Boston-Leary K. **Nurses suffering in silence: Addressing the stigma of mental health in nursing and healthcare.** *Nursing Management.* 2022 Aug;53(8):7-11.

**Saloner B**, Eber GB, Sufrin CB, Beyrer C, **Rubenstein LS.** **A Human Rights Framework for Advancing the Standard of Medical Care for Incarcerated People in the United States in the Time of COVID-19.** *Health and Human Rights Journal.* 2022 Jun;24(1):59-75.

**Saloner B**, Krawczyk N, Solomon K, Allen ST, Morris M, Haney K, et al. **Experiences with Substance Use Disorder Treatment During the COVID-19 Pandemic: Findings from a Multistate Survey.** *International Journal of Drug Policy.* 2021 Nov 19 ;101.

**Saloner B**, Li W, Bandara SN, McGinty EE, Barry CL. **Trends In The Use Of Treatment For Substance Use Disorders, 2010-19.** *Health Affairs.* 2022 May;41(5):696-702.

**Saloner B**, Whitley P, LaRue L, Dawson E, Huskey A. **Polysubstance Use Among Patients Treated With Buprenorphine From a National Urine Drug Test Database.** *JAMA Network Open.* 2021 Sep 10 ;4(9).

Sandy LC, Gloriosio TJ, Weinfurt K, **Sugarman J**, Peterson PN, Glasgow RE, et al. **Leave me out: Patients' characteristics and reasons for opting out of a pragmatic clinical trial involving medication adherence.** *Medicine* (Baltimore). 2021 Dec 23;100(51).

Sanghavi K, **Cohn B**, Prince AER, Feero WG, Ryan KA, Spector-Bagdady K, et al, including **Mathews DJH.** **Voluntary workplace genomic testing: wellness benefit or Pandora's box?** *npj Genom Med.* 2022 Jan 20;7(1):1-6.

Schlak AE, Rosa WE, **Rushton CH**, Poghosyan L, Root MC, McHugh MD. **An expanded institutional- and national-level blueprint to address nurse burnout and moral suffering amid the evolving pandemic.** *Nursing Management.* 2022 Jan;53(1):16-27.

Schmidt S, Gupta R, Bracey J, Volerman A, Henry T, Jackson C, et al, including **Berger Z.** **Primary Care Practice Transformation in the Era of COVID-19 and Beyond: Key Principles for General Internal Medicine Practitioners.** *J GEN INTERN MED.* 2021 Nov 29;(37):459-66.

Schneider KR, **Fanzo JC**, Haddad L, Moncayo JR. **Global health has a stake in the upcoming UN Food Systems Summit.** *The Lancet.* 2021 Sep 8;349(10305):1027-9.

**Seltzer RR**, Watson B, Donohue PK. **Delays in Hospital Discharge for Children in Foster Care.** *Academic Pediatrics.* 2022 (in press)

Shah SK, **Gross M**, Nebeker C. **Optimizing Ethics Engagement in Research: Learning from the Ethical Complexities of Studying Opioid Use in Pregnancy.** *Journal of Law, Medicine & Ethics.* 2022 ed;50(2):339-47.

Shamshirsaz AA, Hessami K, **Morain S**, Afshar Y, Nassr A, Arian SE, et al. **Intention to receive COVID-19 vaccine during pregnancy: A systematic review and meta-analysis.** *Am J Perinatol.* 2021 Oct 20;39(5):492-500.

Shapiro MC, **Boss RD**, Donohue PK, Weiss E, Madrigal V, Henderson CM on behalf of the Pediatric Chronic Critical Illness Collaborative. **A Snapshot of Chronic Critical Illness in Pediatric Intensive Care Units.** *J Peds Intens Care* 2021 (e pub ahead of print)

Sherkow JS, Barker KB, Braverman I, Cook-Deegan R, Durbin R, Easter CL, et al, including **Mathews DJH.** **Ethical, legal, and social issues in the Earth BioGenome Project.** *PNAS.* 2022 Jan 25 ;119(4).

Shipman K, Mercer A, **Boss R**, Henderson C, Wilfond B **“There Is No Good Decision”: Understanding Why Parents Decline Home Mechanical Ventilation for Their Children** (FR264) - ScienceDirect. *Journal of Pain and Symptom Management.* 2022 Apr 12;63(5):824.

Shrestha P, Van Pilsum Rasmussen SE, King EA, Gordon EJ, **Faden RR**, Segev DL, et al. **Defining the ethical considerations surrounding kidney transplantation for frail and cognitively impaired patients: a Delphi study of geriatric transplant experts.** *BMC Geriatrics.* 2022 Jul 8;22(1):566.

Singh JA, Kochhar S, Wolff J, Atuire C, Bhan A, Emanuel E, et al, including **Faden R.** **WHO guidance on COVID-19 vaccine trial designs in the context of authorized COVID-19 vaccines and expanding global access: Ethical considerations.** *Vaccine.* 2022 Feb 28;40(14):2140-9.

Singh NS, Redman B, Broussard G, DeCamp M, Rayes D, Ho LS, et al, including **Rubenstein L.** **“We will never give up”: A qualitative study of ethical challenges Syrian health workers face in situations of extreme violence.** *Disasters.* 2021 Jul 26;46(2):301-28.

Smith G, **Mathews D**, Sander-Effron S, Requesens D, Turan N, Scheinfeldt L. **Microsatellite Markers in Biobanking: A New Multiplexed Assay.** *Biopreservation and Biobanking.* 2021 Oct 18;19(5):438-43.

**Smith HJ.** **Ethical Responsibilities of a Military to the Social Determinants of Health of its Service Members.** *Military Medicine.* 2022 Apr 6.

**Smith HS, Morain SR**, Robinson J, et al. **Perceived utility of genomic sequencing: Qualitative analysis and synthesis of a conceptual model to inform patient-centered instrument development.** *The Patient.* 2022 Oct 18; 15(3): 317-328.

**Smith HS, Morain SR.** **Appropriate care for adolescent eating disorders in isolating and disruptive times.** *Journal of Cognitive Psychotherapy* 2021; 35(3): 153-55.

South African Values and Ethics for Universal Health Coverage (SAVE-UHC) Working Group and Research Team, including **DiStefano M, Krubiner CB, Merritt MW.** **“Introducing an Ethics Framework for Health Priority Setting in South Africa on the Path to Universal Health Coverage,”** *South African Medical Journal* (2022): 112(3): 240-244:

Spach NC, Jaffe EF, Sullivan KA, Goldfarb IT, **Anderson JR**, Coleman J, et al, including **Gross MS, Faden RR.** **Pregnant Individuals' Views on Fetal Tissue Research in the United States.** *Obstetrics & Gynecology.* 2021 Oct 7;138(5):755-61.

Sparks J, **Jayaram A.** **Rule by Automation: How Automated Decision Systems Promote Freedom and Equality.** *Moral Philosophy and Politics.* 2022 Jan 6.

Spector-Bagdady K, Lynch HF, Bierer BE, Gelinas L, Hull SC, Magnus D, et al, including **Sugarman J.** **Allocation of Opportunities to Participate in Clinical Trials during the Covid-19 Pandemic and Other Public Health Emergencies.** *Hastings Center Report.* 2021 Dec 12;52(1):51-8.

Spilg EG, **Rushton CH**, Phillips JL, Kendzerska T, Saad M, Gifford W, et al. **The new frontline: exploring the links between moral distress, moral resilience and mental health in healthcare workers during the COVID-19 pandemic.** *BMC Psychiatry.* 2022 Jan 6;22(1):19.

Sripad P, **Merritt MW**, Kerrigan D, Abuaya T, Ndwigwa C, Warren CE. **Determining a Trusting Environment for Maternity Care: A Framework Based on Perspectives of Women, Communities, Service Providers, and Managers in Peri-Urban Kenya.** *Front Glob Womens Health.* 2022 Apr 21;3.

Staats P, Deer T, Ottestad E, **Erdek M**, Spinner D, Gulati A. **Understanding the role of patient preference in the treatment algorithm for chronic low back pain: results from a survey-based study.** *Pain Manag* 2022 Apr;12(3):371-382.

Stein BD, **Saloner B**, Kerber R, Sorbero M, Gordon AJ. **Subsequent Buprenorphine Treatment Following Emergency Physician Buprenorphine Prescription Fills: A National Assessment 2019 to 2020.** *Annals of Emergency Medicine.* 2022 Mar 16;79(5):441-50.

Strodel R, Dayton L, Garrison-Desany HM, Eber G, Beyrer C, Arcscott J, et al, including **Rubenstein L.** **COVID-19 vaccine prioritization of incarcerated people relative to other vulnerable groups: An analysis of state plans.** *PLOS ONE.* 2021 Jun 15 ;16(6).

Strodel R, **Greene JA.** **Origins of the insulin crisis: how a century of price-fixing controversies affects the cost of care today - The Lancet.** *The Lancet.* 2021 Nov 13;398(10313):1793-5.

**Sugarman J.** **Ethics Considerations Regarding Donors' and Patients' Consent.** In: Dederer HG, Hamburger D, editors. *Brain Organoids in Research and Therapy: Fundamental Ethical and Legal Aspects* [Internet]. Cham: Springer International Publishing; 2022 [cited 2022 Jul 18]. p. 121-30. (*Advances in Neuroethics*).

Swavely D, Weissinger G, Holtz H, Aldi T, Alderfer M, Lynn L, **Rushton C.** **The Impact of Traumatic Stress, Resilience, and Threats to Core Values on Nurses during a Pandemic.** *Journal of Nursing Administration.* 2021 July 9. 29(8): 2329-2342. https://doi.org/10.1111% 2Fjonm.13395.

Tackett S, **Sugarman J**, Ng CJ, Kamarulzaman A, **Ali J.** **“Developing a competency framework for health research ethics education and training”** *Journal of Medical Ethics* 2022 Jun 1;48(6):391-6.

Taylor CO, Manov NF, Crew KD, Weng C, Connolly JJ, Chute CG, et al, including **Mathews D.** **Preferences for Updates on General Research Results: A Survey of Participants in Genomic Research from Two Institutions.** *Journal of Personalized Medicine.* 2021 May;11(5):399.

Taylor H, Washington D, Wang NY, Patel HD, Ford D, **Kass NE, Ali J.** **“Randomized Comparison of two Interventions to Enhance Understanding During the Informed Consent Process for Research”** *Clinical Trials* 2021;18(4):466-476. doi:10.1177/17407745211009529

Taylor HA, Dowdy DW, Searle AR, Stennett AL, Dukhanin V, Zwerling AA, **Merritt MW.** **Disadvantage and the experience of treatment for multidrug-resistant tuberculosis (MDR-TB).** *SSM - Qualitative Research in Health.* 2022 Jan 28 ;2.

Thomas TA, Davis FD, Kumar S, Thammasitboon S, **Rushton CH.** **COVID-19 and Moral Distress: A Pediatric Critical Care Survey.** *American Journal of Critical Care.* 2021 Nov 1;30(6):e80-98.

Tigchelaar M, Leape J, Micheli F, Allison EH, Basurto X, Bennett A, et al, including **Fanzo J.** **The vital roles of blue foods in the global food system.** *Global Food Security.* 2022 Apr 15 ;33.

Tilhou AS, Dague L, **Saloner B**, Beemon D, Burns M. **Trends in Engagement With Opioid Use Disorder Treatment Among Medicaid Beneficiaries During the COVID-19 Pandemic.** *JAMA Health Forum.* 2022 Mar 11;3(3):e220093.

**Tully I.** **Nothing about Us without Us: Inclusion and IRB Review of Mental Health Research Protocols.** *Ethics & Human Research.* 2022 May 11;44(3):34-40.

**Tully I.** **Depression and Physician-Aid-in-Dying.** *The Journal of Medicine and Philosophy: A Forum for Bioethics and Philosophy of Medicine.* 2022 Jul 2;jhac004.

**Unguru Y.** **Culturally aware communication promotes ethically sensitive care.** *Am J Bioeth.* 2022;22(6):31-33.

Van Pilsum Rasmussen SE, Seaman S, Johnson MA, Vanterpool K, Brown DM, Tobian AAR, et al, including **Sugarman J.** **Patients' Experiences With HIV-positive to HIV-positive Organ Transplantation.** *Transplantation Direct.* 2021 Sep;7(9):745.

Vecino-Ortiz AI, Nagarajan M, Katumba KR, Akhter S, Tweheyo R, et al, including, **Ali J.** **“A cost study for mobile phone health surveys using interactive voice response for assessing risk factors of noncommunicable diseases”** *Population Health Metrics* 2021 Dec;19(1):1-8.

Veenema TG, Meyer D, **Rushton C**, Bruns R, Watson M, Schneider-Firestone S, Wiseman R. **The COVID-19 Nursing Workforce Crisis: Implications for National Health Security.** 2022 June 17. *Health Security.* 20(3) .264-269.

Vongsachang H, Lagstein O, Boland MV, Repka MX, Kraus C, **Collins ME.** **Telemedicine utilization by pediatric ophthalmologists during the COVID-19 pandemic.** *Journal of American Association for Pediatric Ophthalmology and Strabismus.* 2021 Sep 29;25(5):293-5.

Ward MK, de la Cruz Y, Fernandez SB, Ibañez GE, Jean-Gilles M, Dévieux JG, et al, including **Beach MC.** **Provider Perceptions of Barriers to HIV Care Among Women with HIV in Miami-Dade County, Florida, and Possible Solutions: A Qualitative Study.** *J Int Assoc Provid AIDS Care.* 2021 Nov 26 ;20

Ward MK, Fernandez SB, Sheehan DM, Li T, Dawit R, Fennie K, **Beach MC**, Brock P, Ladner R, Trepka M. **Sex differences in psychosocial and demographic factors associated with sustained HIV viral suppression in the Miami-Dade County Ryan White Program, 2017.** *AIDS Care.* 2022 May 27:1-6.

Weaver MS, **Boss RD**, Christopher MJ, Gray TF, Harman S, Madrigal VN, et al. **Top Ten Tips Palliative Care Clinicians Should Know About Their Work's Intersection with Clinical Ethics.** *Journal of Palliative Medicine.* 2021 Nov 22;25(4):656-61.

WHO ACT-A Ethics & Governance Working Group (**Faden R.** member). **“Placebo use and unblinding in COVID-19 vaccine trials: recommendations of a WHO Expert Working Group,”** *Nature Medicine* 27 (April), 2021: 568-574.

Wolff J, Atuire C, Bhan A, Emanuel E, **Faden R**, et al. **“Ethical and policy considerations for COVID-19 vaccination modalities: delayed second dose, fractional dose, mixed vaccines,”** *BMJ Global Health* 6e, (2021).

Wonodi C, Obi-Jeff C, Adewumi F, Keluo-Udeke SC, **Gur-Arie R, Krubiner C**, et al, including **Faden R.** **Conspiracy theories and misinformation about COVID-19 in Nigeria: Implications for vaccine demand generation communications.** *Vaccine.* 2022 Feb 7;40(13):2114-21.

Yang YT, DeRoo SS, **Morain SR.** **State Mask Mandate Bans for Schools: Law, Science, and Public Health.** *Pediatrics.* 2021 Dec 23 ;149(1).

Zavala E, **Krubiner CB**, Jaffe EF, Nicklin A, **Gur-Arie R**, Wonodi C, et al, including **Faden RR.** **Global disparities in public health guidance for the use of COVID-19 vaccines in pregnancy.** *BMJ Global Health.* 2022 Feb 24;e007730.

Zeps N, Lysaght T, Chadwick R, Erler A, Foo R, Giordano S, et al, including **Sugarman J.** **Ethics and regulatory considerations for the clinical translation of somatic cell human epigenetic editing.** *Stem Cell Reports.* 2021 Jul 1;16(7):1652-5.

Zhang X, Yao G, Vishwakarma S, Dalin C, Komarek AM, Kanter DR, et al, including **Fanzo J.** **Quantitative assessment of agricultural sustainability reveals divergent priorities among nations.** *One Earth.* 2021 Sep 17;4(9):1262-77.

**Ziv, Tali.** **The Practice of Informality: Hustling, Anticipating, and Refusing in the Postindustrial City.** *International Journal of Urban and Regional Research.* 2022.



# In the News

Berman Institute faculty play a vitally important role in informing the public about bioethics issues and helping shape policy by sharing their insight and expertise through media interviews.

The following is a partial list of faculty media appearances during the 2021-2022 academic year.

## Op-Eds and Commentaries



**The Globe & Mail | September 2, 2021**  
Vaccine Passports Pose an Equity Problem  
*Zackary Berger authored the commentary*

**The Hill | October 28, 2021**  
Small employers also need the vaccine mandate  
*Ruth Faden and Nancy Kass co-authored the commentary*

**Philosopher's Magazine | December 25, 2021**  
How Should Governments Make COVID-19 Policy?  
*Anne Barnhill and Travis Rieder co-authored the commentary*

**Stat News | January 21, 2022**  
It's staff, not stuff: Applying crisis standards of care to allocating health care workers  
*Cynda Rushton co-authored the commentary*



**Sydney Morning Herald | April 22, 2022**  
The world's food system is too dependent on wheat  
*Jessica Fanzo authored the commentary*

## Network Broadcast Appearances



**Canadian Broadcasting Corporation | September 12, 2021**  
When will international air travel soar again after COVID-19?  
*with Joe Ali*

**NPR | January 14, 2022**  
Omicron and the continuing inequity of coronavirus care  
*with Zackary Berger*

**NPR | May 24, 2022**  
Russia's 226 attacks on health-care targets in Ukraine are part of a larger pattern  
*with Len Rubenstein*

## Other Select Media Placements

**JHU Hub | September 9, 2021**  
Eyeglasses for School Kids Boost Academic Performance, Study Says  
*with Megan Collins*



**Time Magazine | September 10, 2021**  
Could we have avoided the Covid-19 health care rationing crisis?  
*with Jeffrey Kahn*



**Politico | September 10, 2021**  
"Why should we care about you?" Nurses confront preventable crises among the unvaccinated  
*with Cynda Rushton*

**STAT | September 11, 2021**  
The ethics of pausing a vaccine trial in the midst of a pandemic  
*Ruth Faden was the subject of a Q&A*

**The New York Times | September 14, 2021**  
The Global Vaccine Drive Is Failing. Can It Be Saved?  
*with Ruth Faden*

**JHU Hub | September 15, 2021**  
Are Boosters a Bioethical Bust?  
*with Ruth Faden*

**STAT | September 23, 2021**  
Advisory committee recommends wide swath of Americans be offered COVID-19 vaccine boosters  
*with Ruth Faden*

**WYPR-FM | October 4, 2021**  
The volatile ethics of COVID vaccine and mask mandates  
*with Jeffrey Kahn*

**MedPage Today | October 11, 2021**  
Nursing Leaders on Healthcare Misinfo: "We've Got a Big Problem"  
*with Cynda Rushton*



**New York Times | October 12, 2021**  
Past Pandemics Remind Us Covid Will Be an Era, Not a Crisis that Fades  
*with Jeremy Greene*

**New York Times | October 14, 2021**  
Britain Infected Volunteers with the Coronavirus. Why Won't the U.S.?  
*with Jeffrey Kahn*



**MedPage Daily | October 18, 2021**  
More Race Data Needed on Covid Vaccination and Testing, Researchers Say  
*with Kadija Ferryman*

**Daily Item | October 26, 2021**  
Philosopher: Debate over Covid requirements not solely political  
*with Anne Barnhill*

**Washington Post | October 29, 2021**  
When war breaks out, doctors and nurses often become casualties  
*Len Rubenstein's book is reviewed*

**Politico | November 1, 2021**  
Pregnant people were shut out of Covid vaccine trials — with disastrous results  
*with Ruth Faden*

**State of Reform | November 8, 2021**  
Kids and the Covid Vaccine  
*Maggie Moon was the subject for a Q & A*



**Associated Press | November 9, 2021**  
Despite Reopening, the U.S. Is Still Closed to Many in World  
*with Nancy Kass*

**WBUR-FM | November 15, 2021**  
Scientists are learning more about the lingering symptoms of COVID-19  
*with Zackary Berger*

**The Washington Post | November 18, 2021**  
The Ethics of Twisting Unvaccinated Arms in Europe  
*with Nancy Kass*

**The Washington Post | November 19, 2021**  
New reports confirm threats from the delta variant during pregnancy  
*with Ruth Faden*

**Baltimore Fishbowl | November 23, 2021**  
Johns Hopkins tracker finds widespread variation in COVID-19 policies in U.S. Schools  
*with Megan Collins*

**VeryWell Health | December 3, 2021**  
CDC: Risk of Stillbirth Is Higher Among Pregnant People With COVID-19  
*with Ruth Faden*



**WebMD | December 7, 2021**  
Patients Can Experience Burnout Too  
*with Mark Hughes*

**Advisory Board | December 9, 2021**  
It's not just 'burnout': Your workforce is facing moral exhaustion  
*with Cynda Rushton*

**WYPR-FM's "On the Record" | December 20, 2021**  
Why global vaccine access is still faltering  
*with Ruth Faden*

**New York Times | December 21, 2021**  
Omicron and Holiday Travel: How to Strategize  
*with Jeffrey Kahn*

**Bloomberg Equality | December 23, 2021**  
Omicron Brings New Risks to Unvaccinated Pregnant Women  
*with Ruth Faden*

**The 19th News | January 14, 2022**  
When kids under 5 get COVID-19, parents are screwed  
*with Ruth Faden*



**Washington Post | January 15, 2022**  
DC Schools Partnership Looks to Provide Glasses for Students in Need  
*with Megan Collins*



**National Geographic | February 8, 2021**  
Should you get the COVID-19 vaccine while pregnant? Here's what experts say.  
*with Ruth Faden*

**The Guardian | February 15, 2022**  
View on Healthcare in War: Protect Those Who Aid Others  
*with Len Rubenstein*

**Foreign Affairs | February 22, 2022**  
When Will the Pandemic End?  
*with Ruth Faden*

**American Journal of Nursing | March 2022**  
'How Can Acute Care Recover from the Pandemic?'  
*with Cynda Rushton*

**Mindful | March 11, 2022**  
Can a Greek Tragedy Help Nurses Heal From the Stress of the Pandemic?  
*with Cynda Rushton*

**The New York Times | March 16, 2022**  
Confronting Grief, With Margaret Atwood, in 'The Nurse Antigone'  
*with Cynda Rushton*

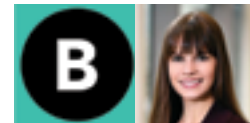
**Washington Post | March 17, 2022**  
Health Care is Becoming a Target in Ukraine  
*with Len Rubenstein*

**Forbes | March 21, 2022**  
How Technology Might Bring War Criminals to Justice in Ukraine  
*with Len Rubenstein*

**MedPage Today | March 23, 2022**  
The Play's the Thing for Nurses Coping With Pandemic's Sting  
*with Cynda Rushton*

**Los Angeles Times | April 1, 2022**  
How many COVID deaths are 'acceptable'? Answer is key to moving to a post-pandemic world  
*with Jeffrey Kahn*

**WYPR | April 26, 2022**  
How the pandemic accelerated nurse burnout  
*with Cynda Rushton*



**Bloomberg Law | May 18, 2022**  
Fertility Apps Bound by Weak Disclosure Rules in Post-Roe World  
*with Stephanie Morain*

**WebMD | May 23, 2022**  
How can the US improve access to eyeglasses?  
*with Megan Collins*

**The Guardian | May 24, 2022**  
'Global crisis' of violence: 161 healthcare workers were killed last year, study finds  
*with Len Rubenstein*

**WYPR-FM | May 25, 2022**  
"The Nurse Antigone:" Ancient Play Spotlights Nurses' COVID Challenges  
*with Jeffrey Kahn and Cynda Rushton*

**Forbes | May 25, 2022**  
War-time Attacks on Healthcare  
*with Len Rubenstein*

**The New York Times | June 7, 2022**  
A Prominent Manhattan Doctor is Accused of Assault  
*with Joseph Carrese*



**New York Review of Books | June 23, 2022**  
Health Care Under Fire  
*Len Rubenstein's book is reviewed*

**The Kavli Foundation | July 14, 2022**  
Bridging Neuroscience and Bioethics  
*Lomax Boyd was featured*

**WYPR'FM's "On the Record" | July 18, 2022**  
Zack Berger was interviewed about his book, *Health for Everyone: A Guide to Politically and Socially Progressive Healthcare*



**JHU Hub | July 25, 2022**  
A father's wish, a bioethicist's dilemma  
*Travis Rieder authored the piece*

**Pro Publica | August 10, 2022**  
"God, no, not another case:" Covid-related stillbirths didn't have to happen  
*with Ruth Faden*

**Connecticut Mirror | August 11, 2022**  
Confusion Over COVID Vaccine Safety Led to Many Avoidable Stillbirths  
*with Ruth Faden*

## 2021-2022 Philanthropic Supporters

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## Faden Fund Provides Scholarship Support for Outstanding Students

A large and vibrant Master of Bioethics Program is essential to the future of the Berman Institute of Bioethics. In 2021-22, the program enrolled 24 students — the largest cohort in the program’s history.

Donor support of the Faden Fund for Education in Bioethics helped make such growth possible. It is our pleasure to introduce the first two students who have received scholarships during the endowment’s inaugural year.



**EVA BODIN** is a 2020 graduate of the University of Toronto, where she earned an Honors Bachelor of Arts degree with a double major in Bioethics and Ethics, Society, and Law, and a minor in Philosophy. Upon graduation, she will join the Centers for Disease Control and Prevention as an Oak Ridge Institute for Science and Education Fellow in Overdose Prevention.

“I always wanted to be a lawyer growing up, because I feel driven to address injustice and help support marginalized populations. During my second year of undergrad, I took a bioethics class to fulfill a requirement for my law major and fell in love with the field. I knew from that point on that this is the work I want to be doing forever.”

“My thesis addresses structural racism and Covid-19 disparities in the essential workforce. It’s a case study demonstrating what naming structural racism in public health discourse can do to bring about actionable changes. My overarching goal is to translate public health evidence into policy, using my foundations in bioethics, law, and logic to form arguments for policy that the public will support.”

“After receiving multiple acceptance letters for graduate school, this scholarship finalized my decision to attend the Berman Institute. I was eager to attend a school where I felt my contributions would be valued, and the scholarship confirmed that the community here saw something of value in me.”



**MICHAELA JOHNS** completed her Honors Bachelor of Science degree in Health Studies at the University of Waterloo, Canada. Upon completion of her undergraduate degree, Michaela was awarded the Highest Academic Achievement Award in the School of Public Health and Health Systems. She will be applying to law school after completing her Master’s in Bioethics.

“As an undergraduate, I got very interested in palliative care philosophy and the ethical questions that emerge at the end of life. I pursued a Master’s of Bioethics because I wanted to have the skill to provide the most critical and well-reasoned insight on these sorts of questions. I also saw bioethics as a field that works to safeguard the rights and dignity of vulnerable people.”

“I have become passionate about studying the ethical, legal, and policy issues concerning opioid use disorders. My thesis articulates a novel conceptualization of the opioid withdrawal experience in a way that engenders sympathetic understanding and support for therapies such as buprenorphine and methadone.”

“As a first-generation college student who grew up with a single mother, I wouldn’t be at the Berman Institute without the scholarship. I would like to express my sincerest thanks for the generous donations that have quite literally changed the course of my life.”

For 2022-23, the Faden Fund has supported three new MBE students: Abigail Brickler; Nada Kaissieh; and Ezra Kalmowitz.

You can help the Berman Institute prepare the next generation of leaders in bioethics by supporting the Faden Fund. To learn more about making a contribution that will provide scholarships for highly qualified students, contact **Andrew Rentschler at 443-307-3814.**



# National Advisory Board

The Berman Institute’s National Advisory Board provides strategic guidance and support for the Institute and its work.

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James F. P. Wagley	
L. John Wilkerson, PhD	

# Berman Institute’s National Advisory Board Welcomes Two New Members

The Berman Institute was fortunate to add two outstanding new members to its National Advisory Board in 2022:



**LEE-LEE ELLIS, PHD '15** is a Health Care Director at Arnold Ventures, a policy-oriented philanthropy dedicated to tackling some of the most pressing problems in the United States, including issues of criminal justice, education, and health. In her role, Lee-Lee develops and oversees strategic investments to support health care payment and delivery system reform.

Before joining Arnold Ventures, she worked as a researcher at Mathematica. In this role, she contributed to the evaluations of federal health care programs that aimed to lower health care spending and improve health outcomes, and she provided technical assistance to federal grantees implementing care delivery changes.

Lee-Lee previously worked at the Patient-Centered Outcomes Research Institute, where she focused on enhancing effective stakeholder engagement in comparative effectiveness research. Lee-Lee holds a Ph.D. in health policy and bioethics from Johns Hopkins Bloomberg School of Public Health, as well as a master’s in bioethics from New York University and a bachelor’s in philosophy from Colgate University.



**PATRICIA A. KING, ESQ.** is a Professor of Law emerita at Georgetown University Law Center. She is a graduate of Wheaton College (MA) and Harvard Law School. Her expertise lies at the intersection of law, medicine, ethics, and public policy.

Her work in the field of bioethics has included service on the Recombinant DNA Advisory Committee, the President’s Commission for the Study of Ethical Problems in Medicine and Biomedical and Behavioral Research, the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research, the Advisory Committee on Human Radiation Experiments, and the Ethics, Legal and Social Issues Working Group of the Human Genome Project. She is a member of the National Academy of Medicine. She has also served as a Fellow of the Harvard Corporation and as a member and Chair of the Board of Trustees of Wheaton College.



# In Memoriam, Michael Price

Michael Price, who had served on the Berman Institute’s National Advisory Board since 2007, passed away on March 14, 2022, at the age of 70 after a lengthy illness. A legendary investor and philanthropist, Price was a champion of public health and higher education who put others first and made a vital difference to the organizations that were fortunate enough to benefit from his engagement.

Price joined the Berman Institute’s Board after meeting Alex Levi while they both served as Johns Hopkins University Trustees. According to Levi, a somewhat unlikely friendship blossomed, leading to Price’s deep commitment to supporting the Berman Institute’s goals, demonstrated through his astute observation and incisive leadership

as an Executive Committee member. After graduating from the University of Oklahoma, he immediately began a career in investments that saw him become one of the most successful mutual fund managers of the 1980s and 1990s, culminating in his 2001 recognition by Time magazine as one of the 25 most influential people in America. Price’s greatest renown came for his ability to spot value in struggling companies and help them achieve newfound success by providing a level of hands-on management that was uncommon among his peers in the investment business. He brought similar vision and wise counsel to the Berman Institute, and the Boards of Trustees of Johns Hopkins University and Medicine.

# Connect with Fellow Alumni and Stay in Touch with the Berman Community



## THE BERMAN INSTITUTE IS EXCITED TO ANNOUNCE THE LAUNCH OF OUR ALUMNI RELATIONS PROGRAM.

Beginning this spring, Berman Institute alumni from the Greenwall Fellowship, Hecht-Levi Fellowship, PhD Program, and MBE Program will be invited to participate in a series of events and activities designed to facilitate professional and personal networking. We know our alumni are based all over the world, and are looking forward to offering both virtual and in-person events as part of this effort.

For more information on our alumni programming or to express your interest, please reach out to Ann Schuck at [aschuck1@jhu.edu](mailto:aschuck1@jhu.edu) or visit [bioethics.jhu.edu](https://bioethics.jhu.edu)





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