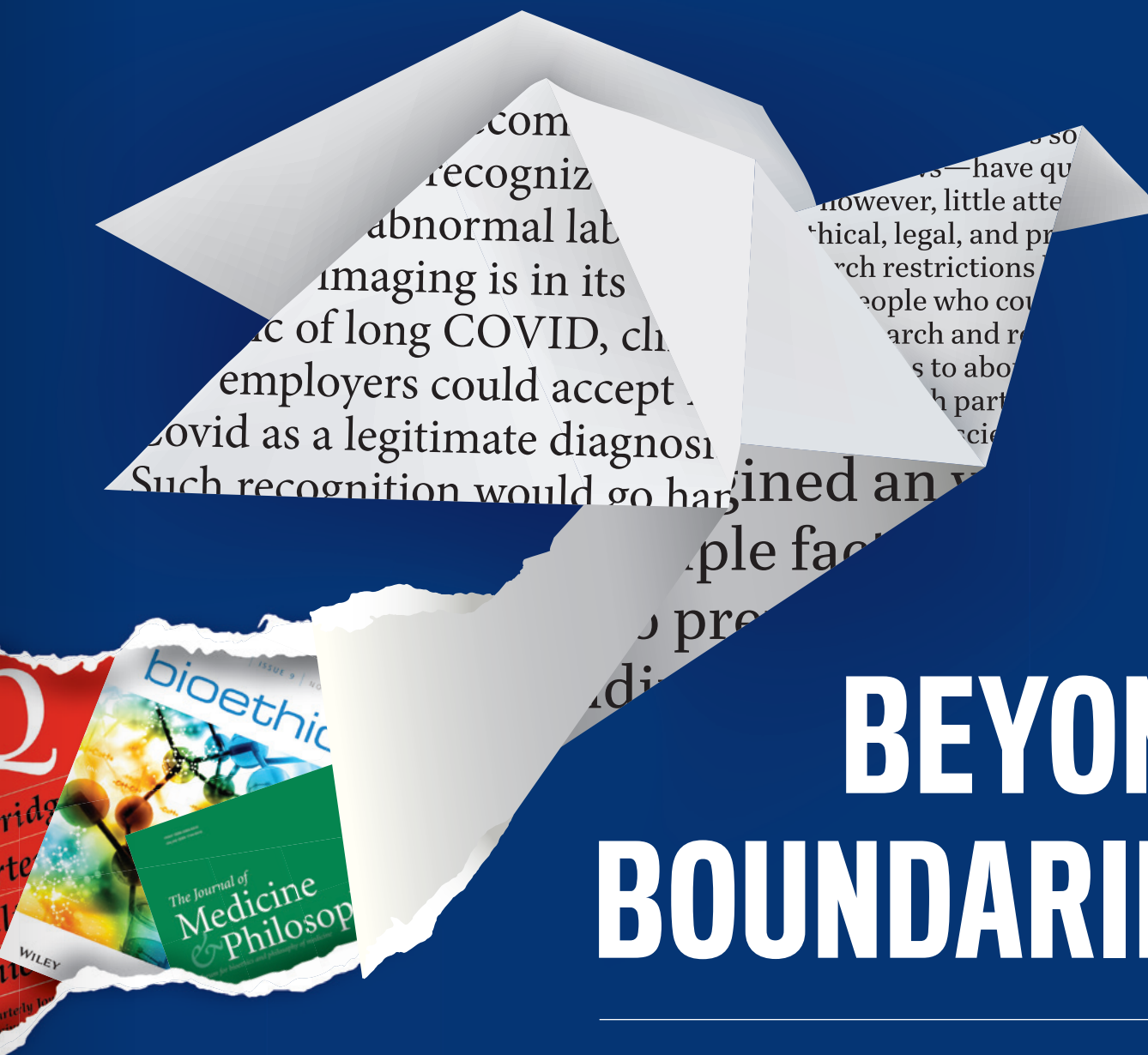


Berman Institute of Bioethics Annual Report 2022-2023



BEYOND BOUNDARIES

Bringing bioethics to the public to
enrich and inform discussion
on critical issues

Director's Letter



It is my great pleasure to share the 2022-23 Johns Hopkins Berman Institute of Bioethics Annual Report with you.

As you will read, the Berman Institute stands at an important moment in our history. An external review conducted this year at the request of Johns Hopkins University's Provost offered that "the Berman Institute remains among the crown jewels of American — and indeed, global — bioethics." In October we were honored by the American Society for Bioethics and the Humanities with its Cornerstone Award, the Society's highest institutional honor. Our faculty continue to produce outstanding, impactful research and scholarship. Our training programs remain the most sought after in the field, and enrollments continue to exceed projections. And, earlier this year, it was my great privilege to be appointed by university President Ron Daniels to a second, five-year term as Andreas C. Dracopoulos Director of the Berman Institute.

From this pre-eminent position in the field of bioethics, the question is what comes next. The Berman Institute has reached its current stature through a commitment to innovate, to tackle the thorniest ethical questions, to methodically delve into emerging

areas of inquiry. As you will see in this report's feature section, one significant effort we are expanding into is an area we are calling Public Bioethics. We are eager to take bioethics beyond the boundaries of academic journals and share it effectively and compellingly with a wide array of audiences. At the same time, we are continuing to innovate in traditional areas of the field, like clinical ethics, striving to help prepare physicians at the forefront of medical care.

The Berman Institute is able to pursue its work only through 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, building the foundation of our historic success, and positioning us to pursue exciting new directions now and in the future. 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.

All my best,

A handwritten signature in black ink, reading "Jeffrey P. Kahn".



Jeffrey P. Kahn, PhD, MPH
Andreas C. Dracopoulos Director
Johns Hopkins University
Berman Institute of Bioethics

FEATURE SECTION

2 Bioethics Beyond Boundaries

6 Playing God? Podcast

7 Moral Histories

8 Bot Love Podcast Airs

9 Henkin and Sack Join iDeas Lab

10 The Human Side of Medicine

YEAR IN REVIEW

14 Select Highlights

14 Jeffrey Kahn Reappointed Berman Institute Director

15 BI receives ASBH Cornerstone Award

16 In Memoriam: Bud Meyerhoff

16 Ruth Faden Co-authors New Book on Lessons from COVID War

18 Rebecca Seltzer Elected to American Academy of Pediatrics Foster Care Council

18 Kadija Ferryman Named to NAM AI HealthCare Committee

19 Jeremy Greene Publishes New Book, Awarded Guggenheim Fellowship

20 Establishing Bioethics Training in Sub-Saharan Africa

22 Launch of Research Ethics Master's Program at Addis Ababa University

23 Carolyn Sufrin Joins Faculty

23 Vivian Altiery De Jesus Receives Sugarman Award

24 Scholarship and Research

30 In the News

SUPPORT AND LEADERSHIP

32 Top Students Receive Faden Scholarship

33 National Advisory Board

34 2022-2023 Philanthropic Supporters



Bioethics Beyond Boundaries

By more effectively sharing our complex but vitally important work with audiences outside medicine and the academy, the Berman Institute aims to enrich and inform public discussion on critical ethical issues.

Why is a bioethics institute becoming expert in the production of podcasts, documentary and scripted films, interactive data visualizations, and other state-of-the-art media? Because we believe that interaction with the public is an essential part of our mission, and that we must innovate in how we tell the world about what we do.

This is the Berman Institute's visionary plan to take bioethics research beyond the boundaries of academic journals and scholarly discussions and into the eyes and ears of a public with an urgent need for accurate, timely information.



Hecht-Levi postdoctoral fellow Em Walsh being interviewed for an upcoming iDeas Lab podcast about uncertainty.

“Bioethics is a complex field, regularly producing information that is genuinely important to share. And yet that information is too often inaccessible to the public, even as very important bioethics issues are being discussed in the media and around kitchen tables,” said Jeffrey Kahn, PhD, MPH, Andreas C. Dracopoulos Director of the Berman Institute. “The importance of ethical and policy issues in our everyday lives makes the case for effective, compelling bioethics communication even more urgent, as these discussions will continue whether bioethicists enter the public discourse or not.”

Kahn points to the COVID-19 epidemic as an unprecedented example of this communication gap. The public—as well as governments and the private sector—need access to clear, accurate and timely information about the ethical issues surrounding decision-making science, medicine and public health.

“Virtually every aspect of our nation's response to COVID involved an issue of bioethics: the balance between personal freedom and public safety in wearing masks, and the closing and reopening of schools and businesses; allocating scarce medical resources; safely developing vaccines; using new contact-tracing technology, and much more. But more often than not, these were framed as only scientific questions, rather than moral and policy ones as well,” said Kahn. “Our public bioethics effort will significantly increase understanding about critically important issues in bioethics and ethics in science more generally. Higher levels of engagement with bioethics issues that impact our communities, locally, nationally, and internationally, will inform public discussion and debate and ultimately impact policy decisions.”

That compelling vision has generated enthusiastic and generous support, most notably \$3



Andreas C. Dracopoulos



Michael R. Bloomberg

million to establish The Dracopoulos-Bloomberg Bioethics iDeas Lab. Named in recognition of Andreas C. Dracopoulos, a trustee of Johns Hopkins University and member of the Berman Institute of Bioethics' National Advisory Board, and former chair of the University's Board of Trustees Michael R. Bloomberg, the iDeas Lab is already enabling the Berman Institute to pioneer new approaches to creating bioethics content (see page 6 for stories about some of the iDeas Lab's first completed projects).

“The importance of ethical and policy issues in our everyday lives makes the case for effective, compelling bioethics communication even more urgent.”

Jeffrey Kahn, PhD, MPH
Andreas C. Dracopoulos Director of the Berman Institute

Surprisingly, the Berman Institute's innovative, new-media approach to sharing bioethics research with the public has its roots in the setting of the Minnesota State Fair. Prior to joining the Berman Institute, Kahn was Director of the Center for Bioethics at the University of Minnesota from 1996-2011. Each year, the center was asked to provide a day of bioethics programming as part of the university's exhibition at the fair.

"There was such great engagement from

everyday people about these complicated topics," said Kahn, whose presentations included a bioethics version of the game show *Jeopardy*. "I was a little surprised and it taught me the value of communicating with the public, and not just to deliver information to them but also to hear what was important to them."

Kahn continued his commitment to sharing bioethics information with the public in the early days of the internet, writing a bi-weekly bioethics column for CNN's website.

"You realize very quickly that the reach of anything you publish in academic literature is very limited, when compared to what you can do with the platform of a mainstream news organization," said Kahn. "I became very intrigued about how we could thoughtfully and effectively reach a broader audience and realized we couldn't do that without public-facing bioethics communications."

Kahn's vision for more effective and widespread public dissemination of complex academic findings met eager support from Andreas Dracopoulos, who had previously funded the creation of a similar and very successful lab at the Center for Strategic & International Studies (CSIS) in Washington, DC. 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 derived from research. He and Michael Bloomberg teamed up to make a \$3 million contribution to launch the Berman Institute's iDeas Lab.

The contribution has allowed for the creation of new physical space to house the iDeas Lab and provided new technology to support its launch. Most importantly, it made it possible to hire highly qualified professional staff and faculty devoted to the creation and distribution of engaging digital, audio, and video bioethics content.

"Our goal is to establish the iDeas Lab as the recognized source for world class stories at the intersection of science, ethics, medicine and public health while offering accessible, informative, and useful resources to a wide range of public-facing stakeholders," said its inaugural director Lauren Arora Hutchinson, PhD, a former BBC journalist and award-winning audio storyteller. "We're just beginning to explore how bioethicists can work together with journalists, storytellers and creators to elevate bioethics scholarship and public communication."

Arora Hutchinson noted that while university professors are traditionally more comfortable writing scholarly articles, she has been met with an enthusiastic response from Berman Institute faculty to explore co-creation of projects that might reach broader audiences. Her model is the development arm of a production company, in which the iDeas Lab will have multiple

bioethics communications projects in progress at any one time.

"Each project can take a different form, as the iDeas Lab will be versed in many different types of media, and the output will fit the story," said Arora Hutchinson.

The iDeas Lab is only one of multiple components in Kahn's plan for bioethics communication. In addition, the Berman Institute will partner with successful filmmakers, journalists and audio producers with an interest in exploring stories that touch on bioethics issues, supporting them both financially and with the time and expertise of our faculty to create in-depth, rigorous products that will engage broad swaths of the public.

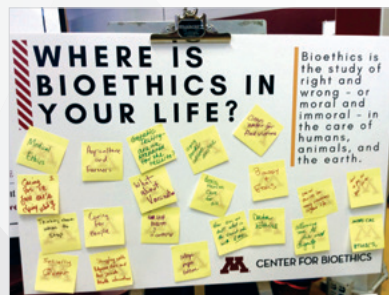
The iDeas Lab will collaborate with Berman Institute faculty to develop new curriculum offerings for graduate students, postdoctoral fellows, and faculty. This will involve educating trainees on the latest techniques in communicating their ideas, such as understanding narrative and journalistic storytelling, as well as video and audio production.

"We expect that our education offerings will be closely informed by — and sometimes even interwoven with — the iDeas Lab, infusing bioethics communication into our training of the next generation of bioethicists," said Kahn.

Finally, the Berman Institute will focus on ways bioethics communication can help promote effective research, as well as the role of research in effective bioethics communication.

"Can creative approaches to bioethics communication improve the methods of bioethics?" asked Kahn. "We're eager to explore how new technologies might help address difficult ethical questions. Can immersive storytelling help research participants understand the risks and benefits of research participation?"

"We've done a really good job communicating with people in our field. Our peers and people we're trying to help in the trenches know who we are and what we do. We're never going to exclude those audiences. But we're going to work beyond the traditional boundaries of bioethics. Everyone should know who the Berman Institute is and what we do."



Kahn's vision for public bioethics drew inspiration from witnessing public engagement with the field at the Minnesota State Fair.



"Our goal is to establish the iDeas Lab as the recognized source for world class stories at the intersection of science, ethics, medicine and public health."

Lauren Arora Hutchinson, PhD
Inaugural Director, Dracopoulos-Bloomberg iDeas Lab

Berman Institute of Bioethics Launches New Podcast “*playing god?*” with Pushkin Industries



During the fall of 2023, the Berman Institute launched the first major project developed by the Dracopoulos-Bloomberg iDeas Lab. *playing god?* is a globally distributed 10-part podcast about the complex ethical questions that arise with groundbreaking medical innovations. Created in conjunction with Pushkin Industries and made possible by generous support from the Greenwall Foundation, the podcast is hosted by iDeas Lab director Lauren Arora Hutchinson.

She introduces listeners to the stories of people faced with medical challenges that raise bioethics issues, including: a burn victim kept alive by a ventilator while family and friends fought over whether to allow her to die; a bar manager in immediate need of a liver transplant who faced a long-accepted and previously unquestioned practice of a six-month waiting period for liver failure due to excessive alcohol use; a mother hoping against hope that a new combination of reproductive technologies might bring her a healthy child who was also a genetic match for her other child suffering from a fatal genetic disease. Bioethics challenges take shape as listeners come to know these people as individuals with compelling stories.

Through these highly personal stories, Arora Hutchinson weaves interviews with experts and family members. While bringing to light the decisions faced by doctors, patients, and families alike, she examines how technological innovations can help bring lifesaving and life-creating medical advances but raise a host of ethical issues in the process. Among the experts joining Arora Hutchinson is Berman Institute Director Jeffrey Kahn, who is executive producer of the series with Anna Mastroianni, Research Professor in Bioethics and Law at the Berman Institute.

“Bioethics is the ultimate form of storytelling; there is always a conflict and a life at stake,” said Arora Hutchinson. “Listening to these experiences in audio has literally changed the way I think about life and death. It brings home the importance of us all understanding how these medical decisions are made every day.”



Patricia King, JD (right), a Professor of Law emerita at Georgetown Law Center and member of the Berman Institute's National Advisory Board, is interviewed by oral historian Suzanne Snider.

Preserving the Stories and Voices of the Founding Figures of Bioethics

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.

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

“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 guiding the creation of 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,” said Jeffrey Kahn, Director of the Berman Institute.

Moral Histories, the resulting collection of audio recordings and transcripts, serves as a unique and accessible resource for understanding the creation and formation of the field of bioethics. The first 15 interviews have been posted to the Johns Hopkins University's Sheridan Libraries' archives and can also be accessed at <https://bioethics.jhu.edu/moral-histories>. Additional interviews are forthcoming, as are various projects arising from the collection, including educational materials designed to inform and enlighten lay and professional audiences about the history of the field of bioethics.



Margaret Battin, PhD, MFA



Tom Beauchamp, PhD



Arthur Caplan, PhD



Alexander Capron, LLB



Ruth Faden, PhD, MPH



Norman Fost, MD, MPH



Samuel Gorovitz, PhD



Patricia King, JD



Loretta Kopelman, PhD



Ruth Macklin, PhD



Laurence McCullough, PhD



Thomas Murray, PhD



Susan Sherwin, PhD



LeRoy Walters, MPhil, PhD



William Winslade, JD, PhD

“Bot Love” Podcast Explores Personal Relationships Humans are Developing with AI Chatbots



February 2023 saw the launch of “Radiotopia Presents: Bot Love,” a multi-part podcast series of true stories at the depths of how humans are developing meaningful relationships with artificial intelligence (AI) chatbots and what it means for the rest of us. The series was created with support from the Dracopoulos-Bloomberg iDeas Lab and arose from the Berman Institute’s 2020 Levi Symposium, “The Ethics of Virtual Humans.”

Recent major technological developments such as ChatGPT have thrust AI into the spotlight, but the world of artificial intelligence and the AI universe is bigger than the general public knows. Millions of users worldwide are in the midst of creating deep emotional bonds with their own AI-driven virtual humans. Bringing

listeners into communities of people who create and form deep bonds with their AI companions, “Bot Love” covers topics such as the nature of love, the fabric of human relationships, and the role that AI chatbots — and the private companies that provide them — might play in people’s mental health.

“AI technology has evolved so much in just the few years between the symposium and the creation of the podcast,” said Lauren Arora Hutchinson, director of the iDeas Lab. “Understanding how AI merges with people’s lived experiences is one of the most crucial challenges of our time. It is essential that we do not allow technological developments to outpace our capabilities for oversight.”

Stories throughout the series feature a retired

nurse from Tennessee who seeks refuge in an AI-driven chatbot app after a series of difficult personal experiences, a woman who seeks romance with a bot following her spouse’s declining health, an individual exploring their sexuality, an individual seeking mental health counseling options, and a teacher in the Midwest who creates a relationship with a bot named Audrey, while spending less and less time in the outside world.

“After two years of work, the release of ‘Bot Love’ couldn’t be more timely,” said Arora Hutchinson. “I am very proud that this podcast was completed in conjunction with the iDeas Lab and I am eager to share forthcoming work that will help the public better understand the societal implications of rapid advances in technology.”

Dracopoulos-Bloomberg iDeas Lab adds Award-Winning Audio and Film Producers

Aaron Henkin, an award-winning public radio producer for more than 20 years, joined the Dracopoulos-Bloomberg iDeas Lab in May as Senior Producer. In this position Henkin plays a key role in designing and developing the Lab’s newly established creative group, enhancing the Berman’s Institute’s work, reach, and impact by utilizing the latest digital media, multimedia, and design to disseminate bioethics research and analysis.

Prior to joining the Berman Institute’s iDeas Lab, Henkin spent 22 years creating and producing original radio programs and podcasts for Baltimore’s NPR station, WYPR. His neighborhood documentary series, *Out of the Blocks*, earned the 2018 national Edward R. Murrow Award. Henkin’s other programs include the audience-inspired podcast, *The Maryland Curiosity Bureau*, the long-running weekly cultural show, *The Signal*, and the Smithsonian Folkways Recordings series, *Tapestry of the Times*. His stories have been heard nationally on *NPR’s Morning Edition* and *All Things Considered*.

“As a listener, I’ve always been mesmerized by science stories, especially ones that are well told. Now, finding myself in an office surrounded by brilliant thinkers who are focused on the frontiers of science, medicine and ethics, and getting to share their explorations with a curious audience, is an awesome assignment. The stakes are high, and the stories

are out-of-this-world fascinating,” said Henkin.

“Scientists learn from things like statistical trends and experimental data sets. But the rest of us? We learn from stories. Stories make those abstractions real to us. They make them clear. And they make them matter. The world of science isn’t shrouded in secrecy; it simply doesn’t always tell its own story that well. But when it can, the benefits are manifold: increased transparency, a more informed general public, and improved relationships based on trust and understanding.



Senior Producer Aaron Henkin

Graham Sack, PhD, joined the Berman Institute in 2023 as the inaugural Dracopoulos-Bloomberg iDeas Lab Fellow, and is engaged in researching and developing media projects that dramatize the ethical conundrums raised by emerging biotechnologies, including CRISPR, brain-computer interfaces and life-extension.

Sack is an award-winning filmmaker, new media creator, and academic whose work explores the intersection of narrative, scientific discovery and emerging technologies. He is the founder of Chronotope Films and the recipient of the 2021 Sundance Institute / Alfred P. Sloan Episodic Fellowship for *The Harvard Computers*, an original TV series based on the true story of America’s first female astronomers. Previously, he adapted and directed George Saunders’s best-selling novel *Lincoln in the Bardo* for the New York Times’ virtual reality division, for which he was short-listed for an Emmy Award for Innovation in Interactive Programming. His other projects have received support from Google, Samsung, and Felix & Paul Studios and appeared at Tribeca Film Festival, South by Southwest, New York Theater Workshop, and Centre de Cultura Contemporània de Barcelona.

Sack is also Research Fellow and Lecturer in Immersive Storytelling & Emerging Technology at Johns Hopkins University and was previously a Visiting Scholar in Data Poetics at the Lucy Family Institute for Data and Society at University of Notre Dame and an Andrew W. Mellon Postdoctoral Fellow in Modeling Interdisciplinary Inquiry at Washington University in St. Louis. He holds a PhD in Comparative Literature from Columbia University, an MSc in Economics from the London School of Economics, and a BA Honors in Physics from Harvard College.



Dracopoulos-Bloomberg iDeas Lab Fellow Graham Sack

The Human Side of Medicine

The origins of the field of bioethics were largely focused on the issues faced by physicians caring for their patients. The Berman Institute believes the public should be educated and engaged about clinical ethics, and that empowered patients will receive better care through informed self-advocacy. Read how our clinical ethics faculty are working to educate physicians to put patients' concerns at the forefront of medical care.

Two years ago, in her intern year, Johns Hopkins medical resident Cat Ahlberg encountered the sickest person of her brief medical career: a woman in her 50s with advanced liver failure. The woman, Ms. S, arrived at Johns Hopkins Bayview Medical Center vomiting blood. Ammonia and other toxic substances, which the liver would normally remove, had built up in her body, causing her to become confused and, by the time Ahlberg saw her in the intensive care unit, unable to answer any questions.

The medical team wondered if she had an infection, either in her abdomen or in the membranes around her brain and spinal cord. To test for either, however, they needed consent, something the patient was in no position to provide. When the hospital's social workers searched for someone who could decide on Ms. S's behalf, they came up empty-handed.

"We found an estranged brother and then her neighbor, neither of whom wanted to be involved," Ahlberg says. "She truly had no one who could make decisions for her."

In the meantime, Ms. S's condition had continued to deteriorate. In addition to needing support from a breathing machine, her kidneys began to fail, and she experienced several episodes of massive bleeding. Although the team brought them under control, the bleeding triggered a realization.

"We weren't helping her; she was not getting better. In fact, we were just seeing her get worse and worse," Ahlberg says. A question naturally followed: "Are we just doing more harm than good by continuing to treat all of these things?"

Without knowing Ms. S's wishes, and without input from someone who knew her well, the team had to determine on their own how aggressively to continue fighting to keep her alive.

'PART OF EVERYTHING WE DO'

While the details and the stakes change from case to case, physicians regularly face fraught situations — a consequence of the very nature of practicing medicine, notes Berman Institute faculty member Joseph Carrese, MD, a professor of medicine at the Johns Hopkins School of Medicine.



Joseph Carrese, MD

"Absolutely every single interaction that medical students, residents and practicing physicians have with patients and family members includes a moral dimension," Carrese says. "Ethics is part of everything we do."

Carrese directs the Ethics in Clinical Practice teaching program that reaches residents in eight departments in the school of medicine. Building off education that medical students, including those at Johns Hopkins, have already received, the program aims to increase residents' awareness of ethical issues and to prepare them to handle the often-difficult situations in which they arise.

Discussions of clinical ethics often focus on unusual, high-stakes cases, especially end-of-life decisions. At the outset, the program for residents at Johns Hopkins was intended to focus more on everyday occurrences.

"Absolutely every single interaction that medical students, residents and practicing physicians have with patients and family members includes a moral dimension."

Joseph Carrese, MD, MPH
Professor, Johns Hopkins Berman Institute of Bioethics
and School of Medicine



Jeremy Sugarman, MD

“We wanted to design a curriculum to make residents sensitive to the kinds of common ethical issues physicians face daily,” says Jeremy Sugarman, MD, the Harvey M. Meyerhoff

Professor of Bioethics and Medicine and Deputy Director for Medicine at the Berman Institute.

Sugarman, Carrese, Berman Institute founder Ruth Faden and other Berman Institute faculty members established the formal resident ethics teaching program in 2006, with financial gifts from the Freeman and Blaustein families. The Institute continues to focus its efforts at the School of Medicine by expanding educational offerings in departmental residency and fellowship programs, maintaining a bioethics presence in clinical departments through invitational lectures, speaking to faculty and trainees, and participating in and leading ad-hoc processes to address ethics-related institutional policy issues.

A major aim of the clinical ethics teaching program, Sugarman says, remains to help residents determine what ethical issues they can handle on their own, versus those that require input from others.

The teaching program currently reaches about 400 residents at the Johns Hopkins Hospital and Bayview campuses. The curriculum varies significantly among departments, based in part



Rebecca Seltzer, MD

on the needs of each training program. Surgery residents, for example, practice obtaining informed consent and delivering bad news to actors portraying patients.

Meanwhile, for a week each year, pediatrics residents participate in small-group discussions focused on issues that come up in the outpatient setting, a part of the teaching program led by Rebecca Seltzer, MD, the Berman Institute’s Freeman Scholar and a faculty member at the School of Medicine.

TALKING IT OUT

Periodically, residents in internal medicine at Bayview, where Ahlberg is training, present a patient story for discussion at the monthly Freeman Family Ethics for Lunch event, which is open to all internal medicine residents, medical students and hospital staff members. When Carrese asked Ahlberg to lead one of these sessions, she chose to focus on the challenge of unrepresented patients like Ms. S who become incapacitated and have no one willing to make decisions on their behalf.

Carrese was already familiar with that case. He served on the team that responded when Ms. S’s medical team sought guidance from the hospital’s ethics consultation service.

As a chair of Bayview’s ethics committee, which offers input when physicians encounter challenging cases, Carrese says he sees situations like this several times a year. As a primary care provider, he tries to prevent them. In his meetings with patients, he asks them to think about who might speak for them if they can’t speak for themselves and to document that decision. He also discusses how aggressively they want to be cared for under different circumstances, including if they face a low chance of recovery.

The Berman Institute’s Mark Hughes, MD, a School of Medicine faculty member, oversees a parallel monthly Ethics for Lunch discussion at Johns Hopkins Hospital where he is co-chair of the ethics committee with

Cynda Hylton Rushton, PhD, RN, the Anne and George L. Bunting Professor of Clinical Ethics at the Berman Institute and School of Nursing.

FINDING A FRAMEWORK

While it’s possible to head off some challenging circumstances in advance, others arise inevitably. When Hurricane Maria hit Puerto Rico, the storm threw Vivian Altiery De Jesus, then a third-year medical student, headlong into the practice of disaster medicine.

She remembers the staff of one San Juan hospital making excruciating decisions. The hospital, for example, had enough mechanical



Vivian Altiery de Jesus, MD

ventilators, but not enough active electrical plugs to operate them all, forcing medical staff members to choose which patients would get access to breathing support. Experiences

like this sparked Altiery De Jesus’s interest in ethics and led her to pursue a master’s in bioethics at the Berman Institute between her third and fourth years of medical school.

“I felt we were doing everything okay, but I couldn’t understand how or why we were reaching those decisions,” she says.

Now a resident in internal medicine on the Bayview campus, she no longer deals with such dramatic shortages of resources. But trying situations still arise.

In her intern year, she remembers caring for a woman who had fainted, without explanation, for the third time. The woman arrived on the cardiac progressive care floor, where Altiery De Jesus was working, with an eye bruised from her fall. The results of a CT scan of her head found no evidence of a neurological cause, such as a stroke, so the team wanted her to get an

echocardiogram to see if a heart problem was responsible. But they never had the chance. The woman said she was caring for three children alone, had a job that wouldn’t accept a medical note to excuse her absence, thanked them for their help and left.

The encounter saddened Altiery De Jesus and made her feel a little hopeless. The woman’s condition appeared serious. If something happened to her, what would happen to her kids? Altiery De Jesus wondered. She also found it humbling. “We are here with our medical recommendations, but we usually understand little about a patient’s perspective. Clinical ethics programs that improve our capacity to consider those perspectives are vitally important.”

EARLY EDUCATION

At the Johns Hopkins University School of Medicine, clinical ethics education begins before residency. Ethics and the closely related topic of professionalism are woven throughout students’ four years at the medical school, says Gail Geller, ScD, Director of Education Initiatives at the Berman Institute and Professor at the Johns Hopkins School of Medicine, who co-directs this aspect of the curriculum.



Gail Geller, ScD

First-year students, for example, receive an introduction to bioethics as part of a Foundations of Public Health course. Berman Institute faculty members contribute to other courses as well, including one that helps students transition from classroom to clinic. “Imagine being treated by a doctor who only learned the science,” Geller says. “Good medical care and healing are only possible if doctors take into account the whole patient and their circumstances and treat them with respect and humility.”

Jeffrey Kahn Appointed to Second Term as Director of Berman Institute

Jeffrey Kahn, PhD, MPH, who has served as Andreas C. Dracopoulos Director of the Johns Hopkins Berman Institute of Bioethics since 2016, was appointed in July 2023 to a second term as the Institute’s director by Johns Hopkins University President Ron Daniels and Interim Provost Stephen Gange. During his time as Director, Kahn has strengthened the Berman Institute’s standing as one of the top bioethics programs in the world, advanced institutional goals, expanded collaboration across the university, increased available resources for the Institute’s faculty, staff and students, and successfully led the Institute through the years of the COVID-19 pandemic.

“Jeff has been an outstanding director since 2016 and has been particularly strong in building strategic partnerships with divisions across Johns Hopkins,” said Stephen Gange, interim provost and executive vice provost for academic affairs. “I look forward to his continued leadership and the growing success of the Berman Institute in the years ahead.”

Under Kahn’s leadership, the Berman Institute’s accomplishments include:

- Collaborating with academic colleagues and policy-makers, both locally and globally, to help ensure an ethical public health response to COVID-19;
- Receiving the largest gift in the Institute’s history, which will provide permanent funding for the full range of the Institute’s education and training programs by establishing an endowment for Master of Bioethics (MBE) scholarships and postdoctoral fellowships;
- Establishing a global partnership on infectious disease ethics with the counterpart bioethics program at the University of Oxford;



- Leading the creation and launch of the Dracopoulos-Bloomberg iDeas Lab, which is pioneering new approaches for the creation and dissemination of bioethics content;
- Establishing new bioethics training programs for health and science professionals in Africa, Asia and Europe;
- Expanding the faculty by recruiting a Bloomberg Distinguished Professor in Bioethics and Philosophy, two early career scholars with expertise in the areas of bioethics and health policy, a senior scholar in law and bioethics, and securing a philanthropic commitment to create a new endowed professorship in bioethics education;
- Growing the MBE program enrollment and securing scholarship funding to support recruitment of the most highly qualified students;

- Raising funds for and participating in the planning and design process for Henrietta Lacks Hall, adding needed state-of-the-art space that will facilitate the Institute’s growth;
- Strengthening inter-divisional connections within JHU through new projects in applied ethics;
- Diversifying the faculty with recruitment of younger and more diverse scholars and researchers; and
- Launching an Inclusion, Diversity, Anti-Racism, and Equity effort that is a model for other parts of the University.

“I am honored to have been appointed for another term as director of the Berman Institute — it is a privilege to lead such an exemplary program and to be able to work with such outstanding faculty, staff, trainees, and students,” Kahn said. “It’s an exciting and challenging time for bioethics as innovations and advances continue to raise critical ethical and policy issues, and I look

forward leading the Institute as it enters the next chapter in its history.”

In addition to his leadership of the Institute, Kahn maintains his own ambitious research agenda, focusing on ethical and policy issues in public health, and emerging life sciences technologies, including frequent leadership of national and international committees and consultations. He and colleagues recently completed a multi-year project funded by the NIH entitled BRIDGES (Bridging Infectious Disease, Genomics, and Society), which explored the ethical, legal, and social implications of host genomics in infectious disease. He continues to work on projects funded by government agencies and private foundations, including co-leading the Wellcome Trust-funded Global Infectious Disease Ethics Collaborative with colleagues from the University of Oxford, an oral history project, *Moral Histories*, that is focusing on the stories of the founding scholars of the field of bioethics, and a globally distributed 10-episode bioethics podcast, “*playing god?*”.

Berman Institute Receives ASBH’s 2023 Cornerstone Award

The Berman Institute received the 2023 Cornerstone Award from the American Society for Bioethics and Humanities (ASBH), the Society’s highest honor given to an institution. The Cornerstone Award recognizes outstanding, enduring contributions by an institution that has deeply enriched and/or helped shaped the direction of the field of bioethics. Criteria for selection include influential and significant contributions to scholarship; efforts or work that have greatly enhanced or furthered the fields of bioethics and/or the health humanities; significant service to the public; and/or national or international appreciation and recognition.

In presenting the award to Berman Institute Director Jeffrey Kahn at the 2023 ASBH Conference held in Baltimore, the President of ASBH’s Board of Directors, Kayhan Parsi, said, “The Berman Institute has been one of the truly foundational institutions in the field of bioethics and it is difficult to imagine our field without their influence.”

Conference attendees also received a recorded greeting from Maryland Governor Wes Moore, welcoming them to Baltimore.

“I also would like to congratulate Jeff Kahn and his Berman Institute of Bioethics colleagues at my alma mater, the Johns Hopkins University, on receiving the ASBH Cornerstone Award,” said Governor Moore. “Go Blue Jays!”



Maryland Governor Wes Moore

In Memoriam, Harvey M. “Bud” Meyerhoff



Harvey M. “Bud” Meyerhoff

Harvey M. “Bud” Meyerhoff, a founding member and long-time chair of the Johns Hopkins Berman Institute of Bioethics’ National Advisory Board and Trustee Emeritus of Johns Hopkins University passed away Sunday, Aug. 7, 2023 at the age of 96.

Meyerhoff was the retired Chairman of Magna Holdings, Inc., and was previously Chairman of the Board and Chief Executive Officer of Monumental Properties, Inc., a residential and commercial development and construction firm founded by his father. While he retired from all his business activities in 1985, he remained very active with his philanthropic endeavors both in the United States and in Israel, providing leadership and guidance to many organizations.

Of note, as Chairman of the United States Holocaust Memorial Council, he was instrumental in the establishment of the U.S. Holocaust Memorial Museum in

Washington, DC, which is working to keep the memory of the Holocaust alive while inspiring citizens and leaders to confront hatred and promote human dignity worldwide.

Johns Hopkins also greatly benefited from Meyerhoff’s leadership. He was elected to the JHU Board of Trustees in 1973, and also was Chair of the Johns Hopkins Hospital and the first Chair of Johns Hopkins Health System, serving in that capacity from 1986-1989. He served as Chair of the Berman Institute’s Advisory Board from 1997-2007.

“Throughout the Berman Institute’s history, most notably during his decade as Chair of the Advisory Board, Bud Meyerhoff’s leadership and vision were integral to our success,” said Jeffrey Kahn, director of the Berman Institute. “He spearheaded the Institute’s strategic planning process, which helped formulate the future vision of the Institute, develop a competitive strategy to achieve its goals, and create an organizational structure for that vision.”

Meyerhoff’s guidance was also integral to the purchase and renovation of the Berman Institute’s permanent home in Deering Hall, which was dedicated in 2011.

“Without Bud, I don’t think there would be a building devoted to the Berman Institute,” said Ruth Faden, the Institute’s founder. “Not only did he support the building philanthropically, his lifetime of experience in the construction industry proved invaluable in guiding the project forward. In a real sense, the expertise and time he invested in our building is the best gift we could have received.”

In addition to his leadership on the Advisory Board, Meyerhoff made a generous commitment in 1999 to endow the Harvey M. Meyerhoff Professorship in Bioethics and Medicine. It has been held since its inception by Dr. Jeremy Sugarman, whose work concentrates on informed consent, research ethics, and the ethical issues associated with emerging technologies.

“As I told Bud years ago, it’s been an honor to have his name on my business card,” said Sugarman. “When

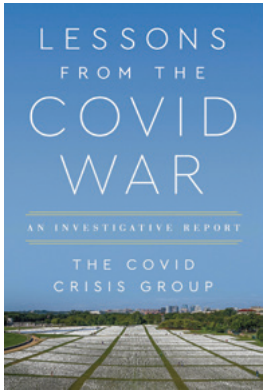


Meyerhoff with Jeremy Sugarman at the latter’s installation as the Harvey M. Meyerhoff Professor of Bioethics and Medicine

he endowed this professorship, he sent a strong message regarding the importance of ethics in the contemporary health care environment. He was incredibly important to the Berman Institute and Johns Hopkins — his dedication and leadership were unparalleled.”

Bud is survived by his wife, Phyllis Meyerhoff, and four children, Terry M. Rubenstein, Joseph Meyerhoff, II, Zoh Hieronimus, and Lee Hendler, Trustee Emerita of the University Board of Trustees, as well as many grandchildren and great grandchildren. His first wife, Lyn, died in 1988.

Searching for Winning Public Health Strategies in Lessons from the COVID War



At the beginning of 2021, the Berman Institute’s Ruth Faden, PhD, MPH, joined 33 other leading national experts to form the COVID Crisis Group. The goal of the group was to lay the groundwork for a National COVID Commission, thinking that the U.S. government would soon establish a formal commission to study the biggest global crisis of the

twenty-first century. So far, it has not. In the face of this faltering political momentum — a void where there should be an agenda for change — the group decided to speak out for the first time. In April, they published *Lessons from the COVID War* (Public Affairs), the first book to distill the entire COVID story from ‘origins’ to ‘Warp Speed.’ With the U.S. ending its formal declaration of a public health emergency earlier this year, this investigative

report reveals what just happened to us and why. Plain-spoken and clear-sighted, *Lessons from the COVID War* cuts through the enormous jumble of information to make some sense of it all.

“Our public health system was neither set up nor able to respond in the way the country needed, in part because of an antiquated division of labor in our federalist system,” said Faden.

“There was not, and still is not,

any kind of centralized national mechanism for responding to massive but non-military threats like a pandemic or climate change. As a consequence, too often, states were left without adequate guidance and had to create regulations and policies on their own.”

Faden said that, as a result, the United States despite its wealth, advanced science, and state-of-the-art medical care didn’t handle COVID better than other countries

and, in fact, did worse than most. “The pandemic showed Americans that our scientific knowledge had run far ahead of our nation’s ability to apply it in practice. I hope this book will show how Americans can come together, learn hard truths, build on what worked, and prepare for global emergencies to come.”

Rebecca Seltzer elected to American Academy of Pediatrics Council on Foster Care, Adoption, and Kinship Care Executive Committee



Rebecca Seltzer, MD

Berman Institute faculty member Rebecca Seltzer, MD, MHS, an Assistant Professor of Pediatrics at the Johns Hopkins School of Medicine, has been elected to the American Academy of Pediatrics Council on Foster Care, Adoption, and Kinship Care Executive Committee.

Dr. Seltzer’s research involves improving care for children with medical complexity, with a particular focus on those in the child welfare system. She is exploring the ethical and policy challenges that arise when caring for this vulnerable population, including challenges related to medical decision-making, conducting research with children in foster care, and gaps in community supports and placement options for children with medical complexity. She is an attending physician at the Johns Hopkins Children’s Center’s Harriet Lane Primary Care Clinic, where she oversees pediatric residents and medical students.

“This election is an honor, and I am excited to take on more of a leadership role in foster care advocacy and policy,” said Dr. Seltzer.

The Council on Foster Care, Adoption, and Kinship Care promotes the health and development of children and youth who are at risk for or have experienced family disruption. The Council accomplishes this by developing policy guidelines for comprehensive and trauma-informed care, advocating for children and youth to thrive, and providing education and support to the members of the American Academy of Pediatrics, other health professionals, and the child welfare community.

Dr. Seltzer is a former Hecht-Levi Fellow at the Berman Institute. She received her BA from the University of Virginia as an Echols Scholar, received her MD from the Perelman School of Medicine at the University of Pennsylvania, completed pediatric residency training at the Children’s Hospital of Philadelphia, completed fellowship training in Academic General Pediatrics and ethics at Johns Hopkins, and received an MHS from the Johns Hopkins Bloomberg School of Public Health.

Kadija Ferryman Named to National Academy of Medicine’s AI in Health Care Steering Committee

The Berman Institute’s Kadija Ferryman, PhD, has been named to the steering committee for a new National Academy of Medicine (NAM) initiative aiming to ensure the safe, ethical, reliable, and equitable use of Artificial Intelligence (AI) in health, medical care, and health research.

The Health Care Artificial Intelligence Code of Conduct (AICC) will define the roles and responsibilities of stakeholders throughout the AI lifecycle, covering aspects such as privacy, ethics, equity, accountability, and applicability and serve as a dynamic code subject to testing, validation,

Berman Institute’s Jeremy Greene Awarded Guggenheim Fellowship

Berman Institute faculty and medical historian Jeremy Greene, MD, PhD, is one of 171 scientists, writers, scholars,



Jeremy Greene, MD

and artists awarded Guggenheim Fellowships this year, a prestigious distinction that recognizes achievements and exceptional promise.

Greene, the William H. Welch Professor of Medicine and the History of Medicine, and Director of the Department of the History of Medicine and the Center for Medical Humanities and Social Medicine, will focus his fellowship in the areas of history of science, technology, and economics.

Greene is a noted historian of how medical technology influences our understandings of sickness and health. He has written award-winning books on the relationship of pharmaceutical marketing to medical practice, the political economy of generic drugs, and the role of electronic media in medical care.

His most recent book, *The Doctor Who Wasn’t There*, published in 2023 by the University of Chicago Press, traces the long arc of enthusiasm for — and skepticism of — electronic media in health and medicine. Over



the past century, a series of new technologies promised to democratize access to healthcare. From the humble telephone to the connected smartphone, from FM radio to wireless wearables, from cable television to the “electronic brains” of networked mainframe computers: each new platform has promised a radical reformation of the healthcare landscape. With equal attention to the history of technology, the history of medicine, and the politics and economics of American healthcare, Greene explores the role that electronic media play, for better and for worse, in the past, present, and future of our health.

His current research project, *Syringe Tide: Disposable Technologies and the Making of Medical Waste*, focuses on the scientific, social, and economic basis for the increasing disposability of medical technology and solutions to reduce the global impact of medical waste.

Guggenheim Fellows receive financial awards and are selected from a pool of nearly 2,500 applicants. The Guggenheim Foundation was established in 1925 by U.S. Senator Simon Guggenheim and his wife Olga Guggenheim in memory of their son John. Since their creation, the foundation has provided nearly \$400 million in fellowships.



Kadija Ferryman, PhD

and improvement. The aim is to achieve broad adoption of the AICC and a national health care AI architecture, with continuous improvement to fully realize the potential benefits of AI in the field.

The initiative is guided by a steering committee composed of ethics and equity experts, researchers, representatives from care delivery systems and tech companies, patient advocates, and payers. Committee members provide NAM staff with strategic

guidance and offer thought leadership on issues such as governance, policy development, environmental awareness, risk analysis, and adoption of the Code throughout the industry.

Dr. Ferryman is an anthropologist who studies race, ethics, and policy in health technology. Specifically, her research examines how clinical racial correction/norming, algorithmic risk scoring, and disease prediction in genomics, digital medical records, and artificial intelligence technologies affect racial health inequities.

Berman Institute Faculty Receive NIH Grant to Help Establish Bioethics Training Program



Joseph Ali, JD



Nancy Kass, ScD



Nelson Sewankambo, MBChB

Berman Institute faculty have received a 5-year, \$1.2 million grant from the National Institutes of Health Fogarty International Center which will support the Fogarty African Bioethics Post-Doctoral Fellowship Program (FAB-PDF) and provide advanced bioethics training for scholars from sub-Saharan Africa. FAB-PDF will provide an 18-month postdoctoral training program to select scholars who hold a bioethics-related PhD. Ten postdocs will be selected over the course of the grant.

Joseph Ali, JD, the Institute’s Associate Director for Global Programs and Associate Professor in the Department of International Health at the Johns Hopkins Bloomberg School of Public Health, will co-lead the project along with Nancy Kass, ScD, Deputy Director for Public Health at the Berman Institute and professor of Health Policy and Management at the Bloomberg School, and Nelson Sewankambo, Professor of Medicine

GRANTS SECURED BY BERMAN INSTITUTE FACULTY FROM 9/01/2022-8/31/2023

Joseph Ali, JD <i>Fogarty African Bioethics Post-Doctoral Training Program</i> Fogarty International Center <i>Makerere Doctoral Training Program</i> Fogarty International Center <i>Pain Management Collaboratory Coordinating Center Grant</i> National Institutes of Health <i>Research Ethics Training Program (Ethiopia)</i> Fogarty International Center	Jeffrey Kahn, PhD, MPH <i>Advancing Human Brain Model Research through Epistemic Inclusion</i> The Kavli Foundation <i>Civic Science Fellow</i> The Kavli Foundation <i>Non-Fungible Tokens (NFTs) for Ethical, Efficient Biospecimen Use</i> Emerson Collective and National Philanthropic Trust <i>playing god? Podcast Project</i> Greenwall Foundation <i>Stavros Niarchos Bioethics Academy</i> Stavros Niarchos Foundation	Stephanie Morain, PhD <i>Institutional Obligations for Pragmatic Clinical Trials</i> Greenwall Foundation Cynda Rushton, PhD, RN <i>Ethical Concerns, Moral Injury, and Moral Resilience Among Nurses</i> American Organization for Nursing Leaders <i>MERPA Nurse Cohort Training</i> Johns Hopkins Hospital
Anne Barnhill, PhD <i>Enabling Ethical Analysis and Public Justification in State-Level Pandemic Response</i> National Science Foundation and Greenwall Foundation	Nancy Kass, ScD <i>Fogarty African Bioethics Post-Doctoral Training Program</i> Fogarty International Center <i>Developing Stakeholder-Engaged Ethical Guidance for Public Health Wastewater Surveillance</i> Alaska Native Tribal Health Consortium	Jeremy Sugarman, MD, MPH, MA <i>HEAL Collaboratory Resource Coordinating Center</i> National Institutes of Health <i>Investigating Psychosocial Experiences of HIV Cure Trial</i> National Institutes of Health <i>Leadership for HIV/AIDS Clinical Trials Network</i> FHI 360 <i>NIH Health Care System Research Collaboratory-Coordinating Center</i> National Institutes of Health <i>Strengthening the Master of Health Research Ethics Training</i> Fogarty International Center
Juli Bollinger, MS <i>Comparing Direct and Indirect Methods for Cascade Screening</i> National Heart, Lung, and Blood Institute	Kadija Ferryman, PhD <i>Advancing Health Equity in AI/ML in Health Regulation and Policy</i> Pew Charitable Trusts	
	Debra Mathews, PhD <i>Enhancing Diversity among Future ELSI Researchers</i> National Human Genome Research Institute <i>Ethical, Legal, Social, and Policy Implications of Workplace Genomic Testing</i> National Human Genome Research Institute	

at Makerere University College of Health Sciences in Uganda. The grant broadly focuses on global bioethics; however, scholars can focus on specific areas of global bioethics such as global infectious disease ethics and advanced international research ethics.

FAB-PDF is a renewal from a previous grant launched in 2017 by the Fogarty International Center that provided bioethics postdoctoral training. The renewal of the grant includes new components such as training opportunities at Johns Hopkins University, Makerere University in Uganda, the University

of Oxford in the UK, and each fellow's home institution. The training opportunities will include coursework, a mentored global health ethics leadership project, and bioethics professional networks.

FAB-PDF has the following aims:

- To provide advanced scholarly research training and mentorship to a select group of PhD-level African bioethics scholars.
- To foster leadership development in global bioethics relevant to fellows’ sustained professional visibility and success.

- To generate individual and group professional bioethics networking opportunities across international bioethics organizations.

Other faculty on the project include Gail Geller ScD, MHS, Director of Education Initiatives at the Berman Institute and Professor in the Johns Hopkins School of Medicine, and Maria Merritt, PhD, Associate Professor at the Berman Institute and in the Department of International Health at the Bloomberg School.



JHU Collaborates with Addis Ababa University to Launch Research Ethics Master’s Program



In January 2023, faculty and staff of the Johns Hopkins University-Addis Ababa University (AAU) Research Ethics Training Program (JHU-AAU RETP) gathered in Addis Ababa, Ethiopia for a symposium and launch of the Research Ethics Specialty Track within the AAU Master of Public Health (MPH) program.

Over the past three years — with support from the U.S. National Institutes of Health, Fogarty International Center and the leadership of Dr. Adamu Addissie (AAU) — the JHU-AAU RETP has focused its efforts on curriculum development and approvals; strengthening capacity of AAU faculty to teach new courses in bioethics through training and mentorship; raising awareness for bioethics and research ethics through outreach, public seminars and creation of an MPH-wide Responsible Conduct of Research course; engaging government leaders in Ethiopia to support ongoing efforts to advance research ethics networks and policies; and piloting of the new MPH Specialty Track.

“We are delighted to have this opportunity to work together to generate the first bioethics-related Master’s training program in Ethiopia,” said the Berman Institute’s Joseph Ali, JD, co-director of the JHU-AAU RETP. “The success of the program depends greatly on the vision and support of key leaders at AAU and nationally, and the dedication of AAU and JHU faculty and staff. We are thankful for the support and commitments.”

The official program launch in January celebrated these formative efforts, shared emerging needs and opportunities for bioethics in Ethiopia and the region, and recognized the matriculation of a cohort of nine students into the Master’s program. The event, which was attended by over 60 people, was chaired by Prof. Yeweyenhareg Feleke, MD, MPhil, and included speeches from distinguished guests of the Ethiopian Ministry of Education and AAU administration. A keynote and panel discussion reflecting on the future of research ethics in Africa was followed by a presentation by Ali about global efforts to establish mechanisms for benchmarking ethics oversight of health-related research.

Carolyn Sufrin, MD, PhD, Joins Berman Institute Faculty

Carolyn Sufrin, MD, PhD, a medical anthropologist and obstetrician-gynecologist specializing in family planning at the Johns Hopkins School of Medicine, has joined the Berman Institute faculty. She is an associate professor in the Department of Gynecology and Obstetrics and associate director of the Center for Medical Humanities and Social Medicine.

Dr. Sufrin has worked extensively on reproductive health issues affecting incarcerated women, from providing clinical care in jail, to research, policy, and advocacy. Her work is situated at the intersection of reproductive justice, health care, and mass incarceration, which she examines in her book, *Jailcare: Finding the Safety Net for Women Behind Bars* (University of California Press).

Dr. Sufrin obtained her undergraduate degree in anthropology and chemistry from Amherst College, a master’s degree in social anthropology from Harvard University, and her MD from the Johns Hopkins School of Medicine. After her residency in Obstetrics and Gynecology at the University of Pittsburgh, she completed a fellowship in family planning at University of California, San Francisco, where she also obtained a PhD in medical anthropology. Dr. Suffrin continues to conduct research on and advocate for improving reproductive health care for incarcerated women, and her work helps contribute to a broader conversation about reform of the criminal justice system.

MBE Graduate Altierry De Jesus Wins National Award for Leadership in Internal Medicine Bioethics

Vivian Altiery De Jesus, MD, a graduate of the Berman Institute’s Master of Bioethics Program and a second-year internal medicine resident at Johns Hopkins Bayview Medical Center, was selected by the JHU Division of General Internal Medicine (GIM) as the recipient of the 2022 national competition for Housestaff GIM Research Award in bioethics.

Berman Institute faculty member Joseph Carrese, MD, served as one of De Jesus’s faculty mentors on her project, *“Needs Assessment in Bioethics Education in Internal Medicine, Pediatrics, and Combined Medicine-Pediatric Resident Physicians.”*



Berman Institute faculty (l-r) Jeffrey Kahn, Jeremy Sugarman, and Joseph Carrese with Altierry De Jesus as she receives the Sugarman Award.

The award is named for Berman Institute faculty member Jeremy Sugarman, MD. Six awards are offered, each named for an internationally regarded mentor and researcher at Johns Hopkins with a faculty appointment in the Division of General Internal Medicine.

The awards were established to stimulate interest in academic GIM and recognize outstanding house officers who have the potential to become leaders in GIM-related research. Awardees presented their winning abstracts during a special GIM Grand Rounds in December 2022.

As part of De Jesus’s Bioethics Practicum — a required course where master students are exposed to bioethics field experience — she wrote and self-published *The Forgotten Text*, twelve chapters of narrative medicine about the formation of a physician from 2015 to 2020. *The Forgotten Text* explores, under an ethical lens, the encounters and challenges that medical students may face during their education.

Publications September 2022-August 2023

Listed alphabetically by primary author with Berman Institute faculty, trainees, and students identified in bold and blue.

Alenichev A, Suwalowska H, Faure MC, Ng SH, **Modlin C**, Ambrogi I, et al. Invisibility in global health: A case for disturbing bioethical frameworks. *Wellcome Open Research*. 2023 Apr 27.

Ali J, Nagarajan M, Mwaka ES, Rutebemberwa E, Vecino-Ortiz AI, Quintero AT, et al. Remote consent approaches for mobile phone surveys of non-communicable disease risk factors in Colombia and Uganda: A randomized study. *PLOS ONE*. 2022 Dec 21.

Alkhatib HH, **Beach MC**, Gebo KA, Bass EB, Park JR, Atkinson MA, Kudchadkar SR, Sozio SM. The association of a scholarly concentrations program with medical students' matched residencies. *Med Educ Online*. 2023 Dec. 28.

Allen ST, Schneider KE, Morris M, Rouhani S, Harris SJ, **Saloner B**, et al. Factors associated with receptive injection equipment sharing among people who inject drugs: findings from a multistate study at the start of the COVID-19 pandemic. *Harm Reduction Journal*. 2023 Feb 15.

Allen ST, Schneider KE, Morris M, **Saloner B**, Sherman SG. Factors Associated with HIV Testing Among People Who Inject Drugs: Findings from a Multistate Study at the Start of the COVID-19 Pandemic. *AIDS Behav*. 2022 Nov 3.

Allgood S, Park J, Soleiman K, Saha S, Han D, et al including, **Beach MC**. Taxonomy and effectiveness of clinician agenda-setting questions in routine ambulatory encounters: A mixed method study. *Patient Educ Couns*. 2023 Jul 20.

Ambrosino C, Repka MX, Collins MLZ, **Collins ME**. Advancing health equity in pediatric eye care: the role of school-based vision programs, research, advocacy, community engagement, and medical education. *Journal of American Association for Pediatric Ophthalmology and Strabismus*. 2023 Mar 8.

Ambrosino CM, Callan J, Wiggins TMS, Repka MX, **Collins ME**. Considerations in Building a School-Based Vision Program. *The Journal of School Nursing*. 2023 Mar 28.

Anderson KE,* **DiStefano MJ**, Liu A, Socal MP, Mattingly II TJ, Anderson GF. Incorporating Added Therapeutic Benefit and Domestic Reference Pricing into Medicare Payment for Expensive Part B Drugs. *Value in Health*. 2023. *Co-first authors

Andraka-Christou B, Golan O, Totaram R, Ohama M, **Saloner B**, Gordon AJ, et al. Prior authorization restrictions on medications for opioid use disorder: trends in state laws from 2005 to 2019. *Annals of Medicine*. 2023 Dec 31.

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.

Barnhill A, Bonotti M, Susser D. Vaccine Passports and Political Legitimacy: A Public Reason Framework for Policymakers. *Ethic Theory Moral Prac*. 2023 Feb 15.

Barnhill A, How Philosophy Might Contribute to the Practical Ethics of Online Manipulation. *The Philosophy of Online Manipulation*. 2022.

Barnhill A, Bernstein J, **Faden R**, McLaren R, **Rieder TN**, and **Fanzo J**. Moral Reasons for Individuals in High-Income Countries to Limit Beef Consumption. *Food Ethics*. 2022.

Barone S, **Unguru Y**. Caring for adolescents: unique ethical considerations. *Pediatric Ethics: Theory and Practice*. 2022.

Basch CH, Hillyer GC, Samuel L, Datuowei E, **Cohn B**. Direct-to-consumer genetic testing in the news: a descriptive analysis. *J Community Genet*. 2022 Oct 14.

Batson L, Donohue PK, **Boss RD**, **Seltzer R**. Family challenges in personal transportation of children with medical complexity. *Journal of Pediatric Rehabilitation Medicine*. 2022 Jan 1.

Beal T, Ortenzi F, **Fanzo J**. Estimated micronutrient shortfalls of the EAT–Lancet planetary health diet. *The Lancet Planetary Health*. 2023 Mar 1.

Benedetti DJ, Marron JM, Thomas SM, Brown AEC, Pyke-Grimm KA, Johnson LM, et al including **Unguru Y**. The role of ethicists in pediatric hematology/oncology: Current status and future needs. *Pediatric Blood & Cancer*. 2023 Feb 7.

Benedetti DJ, Marron JM, Thomas SM, Caruso Brown AE, Pyke-Grimm KA, Johnson LM, et al including **Unguru Y**. Words Matter. *JCO*. 2022 Sep 23.

Berger Z. How Can Jewish and Non-Jewish People Collaborate to Improve Healthcare in the US? Considering Community, Autonomy, and Solidarity. *Rambam Maimonides Medical Journal*. 2022.

Bergman A, **Rushton CH**. Overcoming Stigma: Asking for and Receiving Mental Health Support. *AACN Advanced Critical Care*. 2023 Mar 15.

Berkowitz I, Garrett J. Should the Brain Death Exam with Apnea Test Require Surrogate Informed Consent? Yes. *The UDDA Revision Series. Neurology*. 2023.

Bhagwat AM, **Ferryman KS**, Gibbons JB. Mitigating algorithmic bias in opioid risk-score modeling to ensure equitable access to pain relief. *Nat Med*. 2023 Mar 23.

Bollinger JM, Geller G, May E, Brewer J, **Henry LM**, **Sugarman J**. Brief Report: Challenges in Obtaining the Informed Perspectives of Stakeholders Regarding HIV Molecular Epidemiology. *J Acquir Immune Defic Syndr*. 2023 Jun 1.

Bono MH, Treitler P, **Saloner B**, Crystal S. Returning home during the pandemic: a thematic analysis describing experiences of people with substance use disorders released early from New Jersey prisons during COVID-19. *Health Justice*. 2023 Feb 27.

Boyd JL and **Lipshitz N**. Moral and Conscious Assessment of Human Brain Organoids. *Neuroethics*. 2023.

Boyd JL. Scientific and ethical challenges of brain chimeras converge on an 'enriched' approach. *Molecular Psychology*. 2023.

Brems JH, **Ferryman K**, McCormack MC, **Sugarman J**. Ethical Considerations Regarding the Use of Race in Pulmonary Function Testing. *CHEST*. 2022 Oct 1.

Brisceese G, Lacetera N, **Macis M**, and Tonin M. Expectations, reference points, and compliance with COVID-19 social distancing measures. *Journal of Behavioral and Experimental Economics*. 2023 April.

Canavera KE, Bjornard KL, Cost NG, Grady A, Irving H, Kaye EC, et al including **Unguru Y**. Disparate Access to Fertility Preservation in Youth: A Call for Advocacy to Close the Gap. *The Journal of Pediatrics*. 2023 May 19.

Carroll G, Solomon KT, Heil J, **Saloner B**, Stuart EA, et al. Impact of Administering Buprenorphine to Overdose Survivors Using Emergency Medical Services. *Annals of Emergency Medicine*. 2022 Oct 1.

Colonnelli E, **Fanzo J**. The Committee on World Food Security Guidelines on Food Systems and Nutrition: A blueprint for priority action. *UN-Nutrition Journal*. 2022 Nov.

Cramer C, Song, Sufrin C, Eber G, **Rubenstein L**, & **Saloner B**. COVID-19 Vaccine hesitancy and uptake: Perspectives from people released from the Federal Bureau of Prisons. *Vaccine*. 2023.

Crona BI, Wassénius E, Jonell M, Koehn JZ, et al including **Fanzo J**. Four ways blue foods can help achieve food system ambitions across nations. *Nature*. 2023 Feb 22.

Currie ER, Wolfe J, **Boss R**, Johnston EE, Paine C, Perna SJ, et al. Patterns of pediatric palliative and end-of-life care in neonatal intensive care patients in the Southern U.S. *Journal of Pain and Symptom Management*. 2023 Feb 16.

Dagys K, Agipar B, Tsolmon S, Ringler C, Bellisario K, **Fanzo J**. Maximizing nutrition in key food value chains of Mongolia under climate change. *Food Policy*. 2023 May 1.

De Los Angeles A, **Regenberg A**, Mascetti V, Benvenisty N, Church G, et al. Why it is important to study human–monkey embryonic chimeras in a dish. *Nat Methods*. 2022 Jul 25.

DiStefano MJ, Kang SY, Parasrampuria S, Anderson GF. Comparison of Out-of-Pocket Spending on Ultra-Expensive Drugs in Medicare Part D vs Commercial Insurance. *JAMA Health Forum*. 2023 May 26.

DiStefano MJ, Karim SA, Krubiner CB, Hofman KJ. Integrating Health Technology Assessment and the Right to Health in South Africa: A Qualitative Content Analysis of Substantive Values in Landmark Judicial Decisions. *Journal of Law, Medicine & Ethics*. 2023 Mar.

DiStefano MJ, Markell JM, Doherty CC, Alexander GC, Anderson GF. Association Between Drug Characteristics and Manufacturer Spending on Direct-to-Consumer Advertising. *JAMA*. 2023 Feb 7.

DiStefano MJ. Moral and Social Values in Evidence-Informed Deliberative Processes for Health Benefit Package Design; Comment on “Evidence-Informed Deliberative Processes for Health Benefit Package Design – Part II: A Practical Guide.” *International Journal of Health Policy and Management*. 2022 Nov 30.

Dorfman D, **Berger Z**. Approving Workplace Accommodations for Patients with Long Covid — Advice for Clinicians. *New England Journal of Medicine*. 2023 Jun 3.

Esmonde K. Exercising Caution: A Case for Ethics Analysis in Physical Activity Promotion. *Public Health Ethics*. 2023 Mar 21.

Esmonde K, Pollack Porter, K M, Mahoney, P, et al. Lessons from sustainability of Play Streets in the United States. *Preventive Medicine Reports*. 2022.

Esmonde K, Roth, S M, & Walker, A. A social and ethical framework for providing health information obtained from combining genetics and fitness tracking data. *Technology in Society*. 2023.

Faden RR, **Kass NE**. Learning Health Care and the Obligation to Participate in Research. *Hastings Center Report*. 2022 May.

Fanzo J, Miachon L. Harnessing the connectivity of climate change, food systems and diets: Taking action to improve human and planetary health. *Anthropocene*. 2023 Jun 1.

Fanzo J. Achieving Food Security Through a Food Systems Lens. In: Béné C, Devereux S, editors. Resilience and Food Security in a Food Systems Context. *Cham: Springer International Publishing*; 2023. (Palgrave Studies in Agricultural Economics and Food Policy).

Fernandez SB, Ward MK, Ramirez-Ortiz D, Flores A, Santander TG, et al including **Beach MC**. Clients' Perspectives on Patient-Centeredness: a Qualitative Study with Low-Income Minority Women Receiving HIV Care in South Florida. *J Racial Ethn Health Disparities*. 2023 Apr.

Ferryman K, **Brems JH**. How Materialized Oppression Contributes to Bioethics. *The American Journal of Bioethics*. 2023 Apr 3.

Ferryman K. Bounded Justice, Inclusion, and the Hyper/Invisibility of Race in Precision Medicine. *The American Journal of Bioethics*. 2023 May 23.

Fisher MC, Parrillo E, Petchler C, Kub J, **Hughes MT**, Sulmasy DP, Baker D, Nolan MT. “They would lift my spirits”: Sources of Support for Family Surrogate Decision Makers at the End of Life. [published online ahead of print, 2023 Mar 13]. *J Hosp Palliat Nurs*. 2023.

Galiatsatos P, Jones V, Bryan J, Brown M, Banks O, et al including **Collins M**. The Health Education and Training (HEAT) Corps: A Medical–Community Collaboration Response during the COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*. 2023 Jan.

Garland A, **Morain S**, **Sugarman J**. Do Clinicians Have a Duty to Participate in Pragmatic Clinical Trials? *The American Journal of Bioethics*. 2022 Nov 30.

Geller G, Shin S, Goldberg H, **Merritt MW**. Capacity for Wonder Among Medical Students: Assessment and Educational Implications. *Medical Teacher* 2023 Jan.

Ghosh-Jerath S, Kapoor R, Bandhu A, Singh A, Downs S, **Fanzo J**. Indigenous Foods to Address Malnutrition: An Inquiry into the Diets and Nutritional Status of Women in the Indigenous Community of Munda Tribes of Jharkhand, India. *Current Developments in Nutrition*. 2022 Sep 1.

Gibbons JB, Harris SJ, Solomon KT, Sugarman O, Hardy C, **Saloner B**. Increasing overdose deaths among Black Americans: a review of the literature. *The Lancet Psychiatry*. 2023 May 23.

Glass N, Jalazai R, Spiegel P, & **Rubenstein L**. Addressing the Crisis of Maternal and Child Health in Afghanistan. *Conflict and Health*. 2023 June 12.

Goldberg J, **Macis M**, and Chintagunta P. Incentivized Peer Referrals for Tuberculosis Screening: Evidence from India. *American Economic Journal: Applied Economics*. 2023 Jan 1.

Greene J, Skolnik CL, **Merritt MW**. How Medicine Becomes Trash: Disposability in Health Care. *Lancet* 400. 2022.

Guerrini CJ, Majumder MA, Robinson JO, Cook-Deegan R, Blank M, **Bollinger J**, et al. Fresh takes on five health data sharing domains: Quality, privacy, equity, incentives, and sustainability. *Front Big Data*. 2023 Feb 6.

Guzman-Tordecilla DN, Vecino-Ortiz AI, Torres-Quintero A, Solorzano-Barrera C, **Ali J**, et al. Examination of the demographic representativeness of a cross-sectional mobile phone survey in collecting health data in Colombia using random digit dialing. *BMJ open*. 2023 Jun 1.

Hendriks S, de Groot Ruiz A, Acosta MH, Baumers H, Galgani P, et al including **Fanzo J**. The True Cost of Food: A Preliminary Assessment. In: von Braun J, Afsana K, Fresco LO, Hassan MHA, editors. *Science and Innovations for Food Systems Transformation*. Cham: Springer International Publishing. 2023.

Hendriks SL, Montgomery H, Benton T, Badiane O, Mata GC de la, **Fanzo J**, et al. Global environmental climate change, covid-19, and conflict threaten food security and nutrition. *BMJ*. 2022 Sep 29.

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.

Hicks CC, Gephart JA, Koehn JZ, Nakayama S, Payne HJ, et al including **Fanzo J**. Rights and representation support justice across aquatic food systems. *Nat Food*. 2022 Oct 3.

Holtz H, Weissinger GM, Swavely D, Lynn L, Yoder A, et al including **Rushton CH**. The Long Tail of COVID 19: Implications for the Future of ED Nursing. *Journal of Emergency Nursing*. 2022 Oct 21.

Hughes HK, Hasselfeld BW, **Greene JA**. **Health Care Access on the Line — Audio-Only Visits and Digitally Inclusive Care.** *New England Journal of Medicine.* 2022 Nov 12.

Hughes MT. Lecturio Clinical Ethics Course. **Breaking Serious News and Advance Care Planning** <https://www.lecturio.com/>, Published August 24, 2023.

Hughes MT. Lecturio Clinical Ethics Course. **Clinical Research Ethics.** <https://www.lecturio.com/> Published June 15, 2023.

Hughes MT. Lecturio Clinical Ethics Course. **Communication with Patients and within the Healthcare Team.** <https://www.lecturio.com/> Published December 23, 2022.

Hughes MT. Lecturio Clinical Ethics Course. **End of Life Decision Making.** <https://www.lecturio.com/>

Hughes MT. Lecturio Clinical Ethics Course. **Ethics Consultation.** <https://www.lecturio.com/>

Hughes MT. Lecturio Clinical Ethics Course. **Informed Consent and Capacity.** <https://www.lecturio.com/> Published February 17, 2023.

Hughes MT. Lecturio Clinical Ethics Course. **Introduction to Clinical Ethics.** <https://www.lecturio.com/> Published December 23, 2022.

Hughes MT. Lecturio Clinical Ethics Course. **Patient Confidentiality and Privacy.** <https://www.lecturio.com/> Published February 24, 2023.

Hutler B, **Rieder TN**, **Mathews DJH**, **Handelman DA**, **Greenberg AM**. **Designing robots that do no harm: understanding the challenges of Ethics for Robots.** *AI and Ethics.* 2023.

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, and Ethics.* 2023.

Javitt GH, Vollebregt ER. **Regulation of Molecular Diagnostics.** *Annual Review of Genomics and Human Genetics.* 2022.

Kaawa-Mafigiri D, **Ekusai-Sebatta D**, Munabi I, & Mwaka ES. **Genetic and Genomic Researchers’ Perspectives on Biological Sample Sharing in Collaborative Research in Uganda: A Qualitative Study.** *Journal of Empirical Research on Human Research Ethics.* 2023 May 7.

Kaawa-Mafigiri D, **Ekusai-Sebatta D**, Rutebemberwa E, et al. **A Qualitative Assessment of a Training and Communication Intervention on Antibiotic Prescription Practices Among Health Workers and Outpatients at Public Health Facilities in Uganda.** *Clin Infect Dis.* 2023 Jul 25.

Kabani A, Lenihan VF, Zhang C, **Berger ZD**, Pollack CE, Eaton CK, et al. **Utilization of a primary care-based cancer survivorship clinic: patterns and patient characteristics.** *J Cancer Surviv.* 2023 Apr 24.

Kahn AL, Steffen CA, Henaff L, MacDonald NE, Morgan C, **Faden R**, et al. **COVID-19 vaccine policy development in a sample of 44 countries – Key findings from a December 2021 survey of National Immunization Technical Advisory Groups (NITAGs).** *Vaccine.* 2022 Nov 17.

Kates OS, Limaye AP, Kaplan B. **Vaccination, Transplantation, and a Social Contract.** *JASN.* 2022 Aug 1.

Kelly-Hedrick M, **Geller G**, Jelin AC, **Gross MS**. **Perceived Value of Prenatal Ultrasound Screening: A Survey of Pregnant Women.** *Matern Child Health J.* 2022 Nov 9.

Kifude CM, Roberds A, Oyieko J, Ocholla S, Otieno S, et al including, **Smith HJ**. **Initiation of anti-retroviral/Trimethoprim-Sulfamethoxazole therapy in a longitudinal cohort of HIV-1 positive individuals in Western Kenya rapidly decreases asymptomatic malarial parasitemia.** *Frontiers in Cellular and Infection Microbiology.* 2022.

Killeen OJ, Saylor KM, Hogan C, Jacobson A, **Collins M**, Ehrlich JR. **Barriers and facilitators to vision screening in the U.S. pediatric primary care setting: a mixed methods systematic review protocol.** *JBI Evidence Synthesis.* 2023 May 1.

Kituuka O, Munabi IG, Mwaka ES, Galukande M, Harris M, & Sewankambo N. (2023). **Informed consent process for emergency surgery: A scoping review of stakeholders’ perspectives, challenges, ethical concepts, and policies.** *SAGE Open Medicine.* 2023.

Kleppe M, Clark KD, Bosse JD., Kerbyson M, Roy E, & **Rushton CH**. (2022). **State-level anti-transgender policies in conflict with core principles of nursing: An educator call to action.** *Nurse Education Today.* 2022 October.

Krubiner CB, Tugendhaft A, **DiStefano MJ**, Barsdorf NW, **Merritt MW**, Goldstein SJ, et al including **Faden RR**. **The Value of Explicit, Deliberative, and Context-Specified Ethics Analysis for Health Technology Assessment: Evidence From a Novel Approach Piloted in South Africa.** *Value in Health Regional Issues.* 2023 Mar 1.

Labrique A, Nagarajan M, Kibria GMA, Vecino-Ortiz A, Pariyo GW, **Ali J**, et al. **Improving success of non-communicable diseases mobile phone surveys: Results of two randomized trials testing interviewer gender and message valence in Bangladesh and Uganda.** *PLOS ONE.* 2023 May 24.

Lacetera N, **Macis M**. **Increasing Blood and Plasma Donations: Behavioral Ethical Scalability.** In (ed) Mazar M. University of Toronto Press - *Behavioral Science in the Wild.* University of Toronto Press. 2022.

Landis RK, Oppen I, **Saloner B**, Gordon AJ, Leslie DL, Sorbero M, et al. **Buprenorphine treatment episode duration, dosage, and concurrent prescribing of benzodiazepines and opioid analgesics: The effects of Medicaid prior authorization policies.** *Drug and Alcohol Dependence.* 2022 Oct 21.

Lane W, **Seltzer RR**. **How should clinicians and health care organizations promote equity in child maltreatment suspicion, evaluation, and reporting?** *AMA Journal of Ethics.* 2023 Feb 1.

Lazzara A, **Boss RD**. **Observation of Child Experience During Discontinuing of Medically Provided Nutrition and Hydration.** *Journal of Pain and Symptom Management.* 2022 Dec 13.

Lee CD, Bradfield O, Mello MM, **Beach MC**. **Discharging Patients against Medical Advice.** *N Engl J Med.* 2023 Mar 30.

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 Otolaryngol Head Neck Surg.* 2022 Feb 1.

Lipshitz N, **Kahn JP**, **Faden R**. **Pondering the Next Pandemic: Liberty, Justice, and Democracy in the COVID-19 Pandemic.** In: Savulescu J, Wilkinson D, editors. *Pandemic Ethics: From COVID-19 to Disease X.* Oxford University Press; 2023.

Lipshitz N. **Equality and a Complete Ban on the Sale of Cigarettes.** *Kennedy Institute of Ethics Journal.* 2022.

Lowe C, Erby L, Biesecker B, **Beach MC**, Joseph G, Hundert R, Roter DL. **Efficacy of an online communication skill training intervention on genetic counseling students’ performance during standardized patient sessions.** *Patient Educ Couns.* 2023 Jun 7.

Macis M. **Help People Understand the Benefits of Donation.** *Regulation.* 2022.

Madrigal VN, Feltman DM, Leuthner SR, Kirsch R, Hamilton R, Dokken D, et al including **Boss R**. **Bioethics for Neonatal Cardiac Care.** *Pediatrics.* 2022 Nov 1.

Manohar S, Downs S, Shaikh S, Mak S, Sok S, Graham E, et al including **Fanzo J**. **Riverine food environments and food security: a case study of the Mekong River, Cambodia.** *Bull World Health Organ.* 2023 Feb 1.

Manothummetha K, Mongkolkaew T, Tovichayathamrong P, Boonyawairote R, Meejun T, Srisurapanont K, et al including **Kates OS**. **Ribavirin treatment for respiratory syncytial virus infection in patients with hematologic malignancy and hematopoietic stem cell transplant recipients: A systematic review and meta-analysis.** *Clinical Microbiology and Infection.* 2023 Apr 26.

Mason-D’Croz D, **Barnhill A**, Bernstein J, Bogard J, Dennis G, et al including **Fanzo J**, **Rieder T**, **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.

Mathews D, Juengst E, **Mastroianni A**, Wilbanks R. **Permeable Membranes: Blurring of Boundaries and Merging of Silos Should Reshape ELSI Research.** *16th World Congress of Bioethics*, Basel, Switzerland 20 July 2022.

Mathews DJH, Fabi R, Offodile AC. **Imagining Governance for Emerging Technologies.** *Issues in Science and Technology.* 2022.

Mathews DJH, **Ferryman K**, **Faden R**. **Designing Health Care Artificial Intelligence That Comports With the Values of Patients—Children Are People Whose Voices Must Be Heard.** *JAMA Network Open.* 2023 May 1.

Mathews DJH, **Ram N**. **Genomic research data and the justice system—Response.** *Science.* 2022 Aug 19.

Mathews DJH, **Ram N**. **Get law enforcement out of biospecimen authentication.** *Science.* 2022 Jun 17.

McGeenan CB, **Rushton CH**. **Ethical Challenges and Implications of Deactivating Mechanical Circulatory Support for Patients With Preserved Cognitive Function.** *AACN Advanced Critical Care.* 2022 Sep 15.

Mercurio MR, **Boss RD**. **Editorial: Palliative and end of life care in the NICU.** *Seminars in Fetal and Neonatal Medicine.* 2023 May 31.

Miller ME, Donohue PK, **Seltzer RR**, Kwak C, **Boss RD**. **Costs of Neonatal Medical Complexity: Impact on New Parent Stress and Decision Making.** *American Journal of Perinatology.* 2022 Dec 21.

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.

Modlin CE, Kankaka EN, Chang LW, Sewankambo NK, **Ali J**. **Exploring HIV/AIDS investigator perceptions of equity within research partnerships between low-and middle-income and high-income countries: a pilot survey.** *Health Research Policy and Systems.* 2023 Dec 21.

Modlin CE, **Sugarman J**, Chongwe G, **Kass N**, Nazziwa W, Tegli J, Shrestha P, **Ali J**. **Towards achieving transnational research partnership equity: lessons from implementing adaptive platform trials in low-and middle-income countries.** *Wellcome Open Research.* 2023 Mar 16.

Morain SR, **Bollinger J**, Weinfurt K, **Sugarman J**. **Ethics challenges in sharing data from pragmatic clinical trials.** *Clinical Trials.* 2022 Sep 7.

Morain SR, **Bollinger J**, Weinfurt K, **Sugarman J**. **Stakeholder Perspectives on Data Sharing From Pragmatic Clinical Trials: Unanticipated Challenges for Meeting Emerging Requirements.** *Learning Health Systems.* Published online first May 1, 2023.

Morain SR, Carrithers J, **Ali J**, Rahimzadeh VN. **Privacy Considerations in Pragmatic Clinical Trials.** *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials.* 2022.

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.

Morain SR. **Collateral Findings.** *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials.* 2022.

Mubarak E, Kaur S, Min MTK, **Hughes MT**, **Rushton CH**, **Ali J**. **Emerging Experiences with Virtual Clinical Ethics Consultation: Case Studies from the United States and Malaysia.** *The Journal of Clinical Ethics.* 2023 Mar.

Mwaka ES, **Bagenda G**, **Ekusai-Sebatta D**, **Nabukenya S**, & Munabi I. **Benefit sharing in genomic and biobanking research in Uganda: Perceptions of researchers and research ethics committee members.** *Frontiers in Genetics.* 2022 Nov 17.

Myers S, **Fanzo J**, Wiebe K, Huybers P, Smith M. **Current guidance underestimates risk of global environmental change to food security.** *BMJ.* 2022 Sep 29.

Nabukenya S, Ochieng J, Kaawa-Mafigiri D, et al. **Experiences and practices of key research team members in obtaining informed consent for pharmacogenetic research among people living with HIV: a qualitative study.** *Research Ethics.* 2022 Feb 17.

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

Ochieng J, Kwagala B, Barugahare J, Mwaka E, **Ekusai-Sebatta D**, **Ali J**, et al. **Perspectives and experiences of researchers regarding feedback of incidental genomic research findings: A qualitative study.** *PLOS ONE.* 2022 Aug 29.

Owsley KM, Langa KM, **Macis M**, Nicholas LH. **Treatment preferences among adults with normal cognition and cognitive impairment.** *Journal of the American Geriatrics Society.* 2022 Sep 12.

Oyieko J, Copeland NK, Otieno S, Kifude C, Hutter J, **Smith HJ**, et al. **Longitudinal and cross-sectional analyses of HIV-1/malaria co-infection in Kisumu County, Kenya.** *American Journal of Tropical Medicine and Hygiene.* 2022.

Pariyo G, Meghani A, Gibson D, **Ali J**, Labrique A, et al. **Effect of the Data Collection Method on Mobile Phone Survey Participation in Bangladesh and Tanzania: Secondary Analyses of a Randomized Crossover Trial.** *JMIR Form Res.* 2023.

Pecker LH, **Beach MC**, Bediako SM, Lanzkron S. **In Memoriam: Dr. Carlton Haywood, Jr. (January 26, 1976 – December 31, 2021).** *American Journal of Hematology.* 2022 Oct 5.

Pytell JD, Whitley P, Passik SD, Bundy WL, Dawson E, **Saloner B**. **Association of Patients’ Direct Addition of Buprenorphine to Urine Drug Test Specimens With Clinical Factors in Opioid Use Disorder.** *JAMA Psychiatry.* 2023 Mar 22.

Quaife M, Medley G, Jit M, Drake T, Asaria M, van Baal P, et al including **Merritt MW**. **Considering equity in priority setting using transmission models: Recommendations and data needs.** *Epidemics.* 2022 Dec 1.

Ram N, Shuster W, Gable L, & Ram JL. **Ethical and Legal Wastewater Surveillance.** *Science.* 2023 Feb 17.

Ram N. **America’s Hidden National DNA Database.** *Texas Law Review.* 2022.

Ram N. **Environmental DNA: The Ethics of Human Sequences in Environmental Samples.** *Nature Ecology & Evolution.* 2023 May 15.

Reese JB, El-Jawahri A, Sorice K, Cruz C, Bober SL, 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 Jul.

Rieder T. The Future of Health Care Must Be Harm Reductionist—To Bring It About, We Need Moral Philosophy. *St. Louis University Journal of Health Law & Policy.* 2023.

Rieder TN, Hutchinson LA, Kahn JP. Why the World Needs Bioethics Communication. *Perspectives in Biology and Medicine.* 2022.

Rieder TN. Green prescribing is good, but patients do not have a duty to accept it. *Journal of Medical Ethics.* 2023 Jan 4.

Robinson JO, Daoud A, Geary J, Rahimzadeh V, **Bollinger J**, et al. Policy options to facilitate cancer genomic variant data sharing: outcomes of a modified policy. *Delphi. J Law Biosci.* 2023 Jul 14.

Rubenstein L, Jalazai R, Spiegel P, Glass N. The crisis of maternal and child health in Afghanistan. *The Lancet.* 2022 Nov 2.

Rubenstein L, We Must Demand Justice for Atrocities Against Health Care. *Harvard Public Health.* 2023.

Rushton CH, Boston-Leary K. Nurses suffering in silence: Addressing the stigma of mental health in nursing and healthcare. *Nursing Management.* 2022 Aug.

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.

Rushton CH, Swoboda SM, Reimer T, Boyce D, Hanson GC. The Mindful Ethical Practice and Resilience Academy: Sustainability of Impact. *American Journal of Critical Care.* 2023 May 1.

Rushton CH. Do I still belong? *American Nurse Journal.* 2023 Mar 2.

Saloner B, Chang HY, Alexander GC, Stein BD. Discontinuation of Buprenorphine Treatment for Opioid Use Disorder During the Coronavirus Disease-2019 Pandemic: A Multilevel Framework. *Medical Care.* 2022 Dec 6.

Saloner B, Eber G, Sufrin C, Beyrer C, & **Rubenstein L.** 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.* 2022 June.

Saloner B, Gibbons J. Access to Treatment for Opioid Use Disorder. In: Dunn K, editor. *The Oxford Handbook of Opioids and Opioid Use Disorder.* Oxford University Press. 2023 Apr 20.

Saloner B, Kramer C, Song M, Doan B, Eber GB, **Rubenstein LS,** et al. COVID-19 Restrictions In Jails And Prisons: Perspectives From Carceral Leaders. *Health Affairs.* 2023 Jun.

Saloner B, Li W, Flores M, Progovac AM, L  Cook B. A Widening Divide: Cigarette Smoking Trends Among People With Substance Use Disorder And Criminal Legal Involvement. *Health Affairs.* 2023 Feb.

Saloner B, Whitley P, Dawson E, Passik S, Gordon AJ, Stein BD. Polydrug use among patients on methadone medication treatment: Evidence from urine drug testing to inform patient safety. *Addiction.* 2023 May 1.

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. *Nursing Management.* 2022 Jan.

Schneider KE, Allen ST, Rouhani S, Morris M, Haney K, **Saloner B,** et al. Increased Solitary Drug Use during COVID-19: An Unintended Consequence of Social Distancing. *International Journal of Drug Policy.* 2022 Nov 22.

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

Shaffer J. Review of Africanizing Oncology: creativity, crisis, and cancer in Uganda, by Marissa Mika. *Africa: The Journal of the International African Institute.* 2023.

Shaffer J. Review of Sawhney, Harmeet; Ekbia, Hamid R., Universal Access and Its Asymmetries: The Untold Stories of the Last 200 Years. *H-Sci-Med-Tech, H-Net Reviews.* 2023 May.

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.

Sharma A, Young A, Carroll Y, Darji H, Li Y, Mandrell BN, et al including **Unguru Y.** Gene therapy in sickle cell disease: Attitudes and informational needs of patients and caregivers. *Pediatric Blood & Cancer.* 2023 June.

Shepon A, Wu T, Kremen C, Dayan T, Perfecto I, **Fanzo J,** et al. Exploring scenarios for the food system–zoonotic risk interface. *The Lancet Planetary Health.* 2023 Apr 1.

Shipman KJ, Mercer AH, Raisanen JC, Jabre NA, Vo HH, Miles A, et al including **Boss RD.** “What Would Give Her the Best Life?”: Understanding Why Families Decline Pediatric Home Ventilation. *Journal of Palliative Medicine.* 2023 Jan 20.

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.

Singh BK, Fraser EDG, Arnold T, Biermayr-Jenzano P, Broerse JEW, Brunori G, et al including **Fanzo J.** Ensuring societal considerations are met when translating science into policy for sustainable food system transformation. *Trends in Food Science & Technology.* 2023 May 18.

Singh BK, Fraser EDG, Arnold T, Biermayr-Jenzano P, Broerse JEW, Brunori G, et al including **Fanzo J.** Food systems transformation requires science–policy–society interfaces that integrate existing global networks and new knowledge hubs. *Nat Food.* 2022 Dec 16.

Sleppy RM, Watson B, Donohue PK, **Seltzer RR.** Caring for Hospitalized Children in Foster Care: Provider Training, Preparedness, and Practice. *Hospital Pediatrics.* 2023.

Smith H, De Jesús VA, Kelly-Hedrick M, Docchio C, Piotrowski J, **Berger Z.** An ethical approach to shared decision-making for adolescents with terminal illness. *Clinical Ethics.* 2023 Jan 17.

Socal MP, Ahn K, **Greene JA,** Anderson GF. Competition And Vulnerabilities In The Global Supply Chain For US Generic Active Pharmaceutical Ingredients. *Health Affairs.* 2023 Feb 15.

Solomon KT, O'Connor J, Gibbons JB, Kilaru AS, Feder KA, et al including **Saloner B.** Association Between Hospital Adoption of an Emergency Department Treatment Pathway for Opioid Use Disorder and Patient Initiation of Buprenorphine After Discharge. *JAMA Health Forum.* 2023 Mar 24.

Song M, Kramer CT, Sufrin CB, Eber GB, **Rubenstein LS,** et al, including **Saloner B.** “It was like you were being literally punished for getting sick”: formerly incarcerated people’s perspectives on liberty restrictions during COVID-19. *AJOB Empirical Bioethics.* 2023 Feb.

Spector-Bagdady K, **Morain SR.** Ethical Considerations of Data Sharing in Pragmatic Clinical Trials. *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials.* 2023.

Stein BD, Landis RK, Sheng F, **Saloner B,** Gordon AJ, Sorbero M, et al. Buprenorphine Treatment Episodes During the First Year of COVID: a Retrospective Examination of Treatment Initiation and Retention. *J GEN INTERN MED.* 2022 Dec 6.

Stein BD, **Saloner BK,** Golan OK, Andraka-Christou B, Andrews CM, et al. Association of Selected State Policies and Requirements for Buprenorphine Treatment With Per Capita Months of Treatment. *JAMA Health Forum.* 2023 May 26.

Storey N, Stafford-Hudson K, Harrow I, Tow B, Seo JY, Vidis JD, **Collins M.** School-Based Delivery of Vision Care in Chicago Public Schools. *Journal of School Health.* 2023 Apr.

Sugarman J, Clark A, Fishkin J, Kato K, McCormack K, Munsie M, Peluso MJ, René N, Solomon SL. Critical considerations for public engagement in stem cell-related research. *Stem Cell Reports.* 2023 Feb 14.

Sugarman J, Wenner DM, Rid A, Henry LM, Luna F, Klitzman R, et al. Ethical research when abortion access is legally restricted. *Science.* 2023 Jun 23.

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.* Cham: Springer International Publishing. 2022.

Sullivan DR, Iyer AS, Enguidanos S, Cox CE, Farquhar M, et al including **Rushton CH.** Palliative Care Early in the Care Continuum among Patients with Serious Respiratory Illness: An Official ATS/AAHPM/HPNA/ SWHPN Policy Statement. *Am J Respir Crit Care Med.* 2022 Sep 15.

Swavely D, Romig B, Weissinger G, Holtz H, Alderfer M, et al including **Rushton CH.** The Impact of Traumatic Stress, Resilience, and Threats to Core Values on Nurses During a Pandemic. *JONA: The Journal of Nursing Administration.* 2022 Oct.

Tackett S, Jenn Ng C, **Sugarman J,** Daniel EGS, Gopalan N, et al including **Ali J.** A Competency Framework for Health Research Ethics Educational Programs: Results from a Stakeholder-Driven Mixed-Method Process. *Ethics & Human Research.* 2023.

Tackett S, Ng CJ, **Sugarman J,** Daniel EGS, Gopalan N, Tivyashinee T, et al including **Ali J.** Defining Malaysia’s health research ethics system through a stakeholder driven approach. *Developing World Bioethics.* 2023.

Thai K, **Tsiandoulas KH,** Stephenson EA, Menna-Dack D, Zlotnik Shaul R, Anderson JA, et al. Perspectives of Youths on the Ethical Use of Artificial Intelligence in Health Care Research and Clinical Care. *JAMA Network Open.* 2023 May 1.

Tomko C, Clouse E, Haney K, Galai N, Footer K, **Ferryman K,** et al. A study protocol to explore and implement community-based point-of-care COVID-19 testing for women who use drugs in Baltimore, Maryland: The CARE study. *PLOS ONE.* 2022 Dec 21.

Treitler P, Nowels M, Feder KA, **Saloner B,** Reeves R, DeBilio L, et al. Hospital Use and Mortality Among Decarcerated Individuals With Substance Use Disorder After a Large-scale COVID-19 Emergency Prison Release Program. *JAMA Health Forum.* 2023 Jun 2.

Trepka MJ, Ward MK, Fennie K, Sheehan DM, Fernandez SB, et al including **Beach MC.** Patient-Provider Relationships and Antiretroviral Therapy Adherence and Durable Viral Suppression Among Women with HIV, Miami-Dade County, Florida, 2021-2022. *AIDS Patient Care STDs.* 2023 Jul.

Troch RL, Lazzara AM, Yazigi FN, Blatt CE, Zierk AW, Chalk BS, et al including **Boss RD.** Slow and Steady: Optimizing Intensive Care Unit Treatment Weans for Children with Chronic Critical Illness. *J Pediatr Intensive Care.* 2023 Feb 20.

Tsiandoulas K, McSheffrey G, Fleming L, Rawal V, Fadel MP, Katzman DK, et al. Ethical tensions in the treatment of youth with severe anorexia nervosa. *Lancet Child Adolescent Health.* 2022 Oct 4.

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.

Unguru Y, Bernhardt MB, Berg SL, Marie-Johnson L, Grimm KP, Woodman C, et al. Essential medicines for childhood cancer in Europe. *The Lancet Oncology.* 2023 Feb 1.

Uppal P, Donohue PK, **Seltzer RR.** Home Modifications for Children With Medical Complexity: Untapped Potential for Improving Care. *Pediatrics.* 2022 Nov 11.

Vayena E, Blasimme A, **Sugarman J.** Decentralised clinical trials: ethical opportunities and challenges. *The Lancet Digital Health.* 2023 Apr 25.

Veenema TG, Meyer D, **Rushton CH,** Bruns R, Watson M, Schneider-Firestone S, et al. The COVID-19 Nursing Workforce Crisis: Implications for National Health Security. *Health Security.* 2022 Jun.

Vongsachang H, Guo X, Friedman DS, Yenokyan G, **Collins ME.** Neighbourhood Disadvantage and Vision Screening Failure Rates: Analysis of a School-Based Vision Program in Baltimore, Maryland. *Ophthalmic Epidemiology.* 2022 Sep 16.

Waitt C, Astill D, Zavala E, Karron RA, **Faden RR,** Stratton P, et al. Clinical trials and pregnancy. *Commun Med.* 2022 Oct 25.

Walsh E. Recognizing Wounds and Giving Uptake The Undoing of Dominant Collective Memories. *Philosophy, Psychiatry, & Psychology at MUSE Johns Hopkins.* 2022 Dec. 29.

Walton S, Hawkes C, **Fanzo J.** Searching for the essential: Exploring practitioners’ views on actions for re-orienting food systems towards healthy diets. *Global Food Security.* 2023 Jun 1.

Wizemann T, March A, Shore C, editors. Inclusion of Pregnant and Lactating Persons in Clinical Trials: Proceedings of a Workshop, **Faden R,** Sylvester S (chairs). Washington, D.C.: National Academies Press. 2022.


Wright K, **Ali J,** Davies A, Glasziou P, Gobat N, et al including, **Modlin C.** Ethical priorities for international collaborative adaptive platform trials for public health emergencies. *BMJ Global Health.* 2023.

Yang YT, Wallington S, **Morain SR.** Paid Leave for Fathers: Policy, Practice, and Reform. *Milbank Quarterly.* 2022.


Zulu VC, Syakalima M, **Ali J.** Ethical dimensions of zoonotic disease research: Perspectives of traditional livestock keepers in Zambia. *Wellcome Open Research.* 2023 Jun 12.

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, arranged chronologically, of faculty media appearances during the 2022-2023 academic year.

TECHNICAL.LY | SEPT. 13, 2022

 *This Pitt professor's startup applies NFTs to bioethics*
with Marielle Gross

VIRGINIAN-PILOT | SEPT. 25, 2022

 *Vaccination rates continue to drop for Virginia students: 'We want to get these rates back up'*
with Nancy Kass


FOX NEWS RADIO | SEPT. 26, 2022

What Is The National Opioid Crisis?
with Brendan Saloner

NIKKEI | OCT. 2, 2022

Opioid drug epidemic casts shadow on US society: 100,000 deaths & \$1 trillion costs per year
with Travis Rieder

HEALTHLEADERS | OCT. 12, 2022

 *Study Seeks to Understand Ethical Challenges Nurse Leaders Faced During the Pandemic*
with Cynda Rushton

PEW: STATELINE | OCT. 21, 2022

A New Paramedic Policy May Guide Overdose Patients Into Treatment
with Brendan Saloner


US NEWS & WORLD REPORT | NOV. 1, 2022

Report: Afghan Maternal Health Care in 'Crisis'
with Leonard Rubenstein

SCIENCE | NOV. 3, 2022

Where telemedicine always falls short
with Jeremy Greene

WASHINGTON POST | NOV. 29, 2022

 *Twitter ends its ban on COVID misinformation*
with Jon Shaffer


LOS ANGELES TIMES | DEC. 2, 2022

The more pandemic precautions fall away, the more COVID risk is concentrated on this one group
with Jeffrey Kahn


WASHINGTON POST | DEC. 2, 2022

Should you not have kids because of climate change? It's complicated
with Travis Rieder

BLOOMBERG LAW | DEC. 20, 2022

 *Addiction, Mental Health, Covid Top HHS List in Spending Push*
with Brendan Saloner

FORBES | JAN. 7, 2023

 *New, Three-Part, Public Television Series Explores 'Our Quest For Meaning In The Age Of Science'*
with Ruth Faden

MIDDAY WYPR 88.1 | JAN. 11, 2023

 *The unfulfilled promise of telehealth*
with Jeremy Greene


THE NEW YORK TIMES | JAN. 18, 2023

California Joins Other States in Suing Companies Over Insulin Prices
with Jeremy Greene


AARP | FEB. 1, 2023

Ten Things You Can Do to Support Nurses
with Cynda Rushton


CNN | FEB. 15, 2023

 *Thousands of people can't get full treatments of a lifesaving cancer drug*
with Yoram Unguru

CLOSLER | FEB. 20, 2023

 *Responding to Rejection*
with Joseph Carrese


INVERSE | FEB. 25, 2023

 *The Wildest Sci-fi Movie On Netflix Reveals a Real-Life Ethical Dilemma*
with Alan Regenberg

CNN | MAR. 2, 2023

Move over, artificial intelligence. Scientists announce a new 'organoid intelligence' field
with Jeffrey Kahn and Lomax Boyd

PITTSBURGH POST-GAZETTE | MAR. 5, 2023

 *America Is Still in Pain*
with Travis Rieder

CBS BALTIMORE | MAR. 13, 2023

Adderall shortage continues as patients struggle to fill prescriptions
with Yoram Unguru

STAT NEWS | APRIL 5, 2023

Cancer drug shortages have plagued the U.S. for years. Can they be fixed?
with Yoram Unguru


WYPR: MIDDAY WITH TOM HALL | JUNE 3, 2023

 *Ethics and the future of human reproduction*
with Jeffrey Kahn

WASHINGTON POST | JUNE 7, 2023

Cancer patients are confronting widespread shortages of chemotherapy drugs
with Yoram Unguru

NPR: GOATS AND SODA | JUNE 14, 2023

 *2022 was the worst year on record for attacks on health care workers: New report*
with Leonard Rubenstein

THE NEW YORK TIMES | JUNE 14, 2023

6 Podcasts to Make Sense of A.I.
featuring *Bot Love*, produced in conjunction with the Dracopoulos-Bloomberg Bioethics iDeas Lab

STAT | JUNE 28, 2023

'It's like Groundhog Day': The cancer drug shortage isn't new — and neither are the solutions
with Yoram Unguru

THE ATLANTIC | JUNE 26, 2023

The Cancer-Drug Shortage Is Different
with Yoram Unguru



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 2022-23, the program welcomed more than a dozen students and continued to surpass enrollment targets.

Donor support of the Faden Fund for Education in Bioethics helped make such growth possible. It is our pleasure to introduce the three outstanding students who received scholarships from the Faden Fund last year



Abigail Brickler graduated with a B.S. in biology and certificate in health studies from Dickinson College in 2021. Her thesis was titled “A Bioethics Approach to

Examining Inadequate Acute Pain Control During Intrauterine Device Insertion.” She is very interested in thinking about ethical and equity issues related to women’s health, as well as clinical ethics and disability ethics. After graduation, Abigail joined the Berman Institute’s iDeas Lab as a research and production assistant. Eventually, she would like to pursue a doctorate in healthcare ethics and work as a clinical ethicist.



Nada Kaissieh received her Bachelor of Science in Neuroscience and Bachelor of Arts in English from the University of Louisville with a minor in Chinese. While

working at the National Alliance on Mental Illness, she took on a role in improving and providing mental health access to youth in vulnerable and underserved populations. With her experience engaging with public health issues surrounding mental health and advocating at

the legislative level for access to quality health-care, she developed an interest in gaining a comprehensive framework to approach ethical challenges that pertain to her future career as a physician. Nada’s interests include shared decision-making, mental health law and policy, neuroethics, and racial disparities in health.



Before coming to the Berman Institute, **Ezra Kalmowitz** graduated summa cum laude from Duke University with a degree in Biology and then worked for the Duke College

Advising Corps as a college advisor in a low-income high school in Durham, North Carolina. He is interested in the ethics of physician-patient communication. His thesis presented an ethical analysis of interruptions during agenda setting in medical visits that addresses the limited nuance in the current literature on the topic. He hopes to become a physician and is currently working as a laboratory research assistant at Duke University as he prepares to apply to medical school.

DONOR SUPPORT

In 2018, Berman Institute National Advisory Board Chair and Johns Hopkins Trustee Emeritus Alex Levi and his wife Vicki made a landmark \$15 million bequest commitment to establish the Ruth R. Faden Fund for Education in Bioethics, which supports education and training programs at the Institute. Since that bequest was committed, additional donors have provided significant support the fund which has allowed us to offer scholarships to current students. Donors to this effort include Chris Angell, Caroline Bagley Burnett, Dick and Peggy Danziger, and Bud and Phyllis Meyerhoff.

National Advisory Board

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

Alexander H. Levi, PhD, *Chair*

Roger Faxon, *Chair, Executive Committee*

Laura Parson, PsyD, *Co-Chair, Development Committee*

Maxwell Thanouser, *Co-Chair, Development Committee*

George Lloyd Bunting, Jr.

Caroline Burnett, ScD

Bhaskar Chaudhuri, PhD

Andrew Cohen

Barry S. Collier, MD

Richard M. Danziger, Esq.

Andreas C. Dracopoulos

Lee-Lee Ellis, BSPH ’15 (PhD)

Elaine Freeman

David Goldsteen, MD

Margaret Conn Himelfarb, MPH

Patricia A. King, Esq.

Michael J. Kneeland

Walter G. “Duke” Lohr

Sylvia Morris MD, BSPH ’97 (MPH)

Fredric S. Newman, Esq.

Morris W. Offit

Michelle Rosenbloom, MD

S. Ford Rowan, DPA

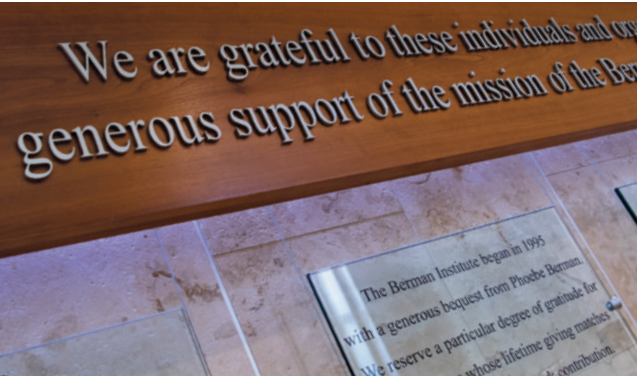
Charles Scheeler

Amy Engel Scharf, A&S ’90

Reed V. Tuckson, MD, FACP

James F. P. Wagley

L. John Wilkerson, PhD



Updated Donor Wall Honors Institute’s Leadership Supporters

For the first time since the dedication of Deering Hall more than a decade ago, the Berman Institute has updated its donor wall to recognize the ongoing generosity of its most dedicated benefactors and honor its more recent supporters. All donors who have made leadership gifts to the Berman Institute through the end of the 2021-22 fiscal year have had their name inscribed on our donor display in the lobby of Deering Hall. The names of those previously listed on the wall have been updated to reflect their lifetime support.

The display is highlighted by a Founders panel, paying particular tribute to those generous individuals whose lifetime support of the Berman Institute has met or exceeded Phoebe Berman’s \$6 million gift that founded the Institute. The original donor wall no longer captured the tremendous growth the Institute has experienced in terms of the total number of donors and overall philanthropic support, so it was time for it to be replaced. The revised wall has grown substantially, and now recognizes every donor who has given \$1,000 or more to the Berman Institute at any point in our first 25 years.

This update has taken place as plans proceed for the construction of Henrietta Lacks Hall, which will adjoin Deering Hall and enable the Berman Institute to expand its programmatic offerings, and create new spaces for students and faculty. The revised donor wall will permanently commemorate all whose generosity helped launch and sustain the Institute during its first quarter-century of achievement.

2022-2023 Philanthropic Supporters

Anonymous Donors
Lynn Abeshouse and Irv Tark
Actus Foundation
Toluwanimi Ajayi
Patricia Alderton
Joseph Ali
Katherine Allan
Jordan Ames
Jill and William Anthony
David Azad and Melissa Cushing
Ellen Bedard
Bernstein Family Foundation Inc
Chad Bingaman
Richard and Kathleen Bonnie
Michael Bordy
Barbara and Edward Brody
George and Annegerd Bunting
Caroline R. Burnett
Burroughs Wellcome Fund
Constance R. Caplan
Joseph Carrese and Michele Beaulieu
Bhaskar and Aulera Chaudhuri
I-Hsuan Chen and Chingfeng Au
Andrew and Suzi Cohen
Barry and Bobbi Collier
Barbara and Bill Cowie
William and Lynn Daly
The Charles A. Dana Foundation
Richard and Peggy Danziger
Lynn Deering via the Charlesmead Foundation
Neal Dickert and Rachel Derr
David Dominik
Andreas C. Dracopoulos
Robert and Joan Easton via the Schwartz
Easton Fisbein Giving Fund
Lauren “Lee-Lee” Ellis
Josh and Anna Else
Ruth Faden and Tom Beaucamp
Roger and Amy Faxon
Charlene and Thomas Flygt
Linda Fogarty
Elaine Freeman
Kineret and Lance Gable
Rangisa-Glenn and Jeffrey Gadot
Michelle Gelkin and Howard Rosenbloom
Gail Geller
Seymour Geller
Eileen and Brian Goldman

David Goldsteen and Marcia A. Cohodes via
the Goldsteen-Cohodes Family Foundation
Virginia and Ginny Gordon
The Greenwall Foundation
Mitra Haeri
Karen and Carl Haller
Hecht-Levi Foundation
Margot Heller
Lee M. Hendler
Maria Heyssel
Margaret and Richard Himelfarb
Jeannette M. Hobbins
Nancy Holder
Paulyne and Julian Hyman
John Imredy
Ann Kahan
Jeffrey and Orlee Kahn
Darius and Carol Kanga
David Kanin
Nancy Kass and Sean Tunis
The Kavli Foundation
Terry Kaye
Patricia King
Andrew and Julie Klingenstein
John and Patricia Klingenstein
Michael Kneeland and Roxzene Hunter
Sarah and Seth Kovensky
Joyce Lehrer and Jay Wolvovsky
The Levi Fund
Alexander H. and Victory G. Levi
Richard H. Levi and Susan C. Perry
Sandra Levi Gerstung
Gayle R. Levy and Marty Barber
Guanglin Liu and Tao Li
Walter “Duke” Lohr and Elizabeth Grieb
Jani and David Majewski via the Oscher &
Celina Majewski Family Trust
Diane and William Marimow
Debra Mathews and Ché Hale
John George and Jennifer Spalt McAninley
Nancy and Jonathan Medapalli
Maria Merritt
Harvey “Bud” and Phyllis Meyerhoff
Joseph and Jennifer Meyerhoff
Robert E. Meyerhoff and Rheda Becker
David Meyers and Roberta Strickler
Jamie Moon and Frank Lee
Sylvia Morris
Elizabeth Moser
Kimberly and David Mullarkey

Dinesh Nagpaul and Greeta Kaur
National Philanthropic Trust
Fred and Mary Newman
Stavros S. Niarchos Foundation
Morris and Nancy Offit
Chrissie Ongaco
Stephen and Gloria Palacios
Laura and Richard Parsons
Sara Pasternak and Mathew Levine
The Partnership Foundation
Charles Scheeler and Mary Ellen Pease
Patti Petesch
The Pew Charitable Trusts
Richard Rees
Ben & Esther Rosenbloom Foundation
Karen Rothenberg and Jeffrey Seltzer
Ford and Patricia Rowan
Kay Rudolph
Joan Salim and Peter Terry
Endia Santee
Amy and Charles Scharf
Neil Schechter and Marjorie Corwin
Pamela Schuller
Eric and Susan Sheinberg
Andrew W. Siegel
Christopher Signorello
Hunter Smith
Jamie Smith
Richard Souza and Maria Dulce Schaeppi Souza
Georgia Spanos
Ric Stewart
Lenora and Philip Talles
Lalaine and Ariel Torres
Mary Kay Troester
AJ Tsang
Reed and Margie Tuckson
United Way of Central Maryland
Jay and Susan Wagley
Joanne and Edward Wallach
Jullathep Wattanasureepoch
John and Barbara Wilkerson
Louise and Robert Williams
Warren Woo and Carolyn Suda
Zhuwei Xu
Ron Yamane
Mary Yoder and John Ruppenthal
Kathryn Zaletel
Yiya Zhao and Song Xue
Su Zhou

ACCESS AND EXCELLENCE:
Help the Berman Institute
by Helping Deserving Students






The Berman Institute’s Master of Bioethics (MBE) Program, a cornerstone of the Institute’s educational offerings, prepares students from diverse personal and professional backgrounds to address the bioethics challenges they will face in professional and civic life.

To recruit the most highly qualified and diverse pool of applicants, while also generating vital tuition revenue through increased enrollment, we aim to raise an additional \$1,000,000 for the Ruth R. Faden Fund for Education in Bioethics over five years. These funds will be distributed in the form of merit and need-based financial aid for MBE students.

Growth of our MBE program is essential to the future of the Berman Institute and the field of bioethics. We hope you will help us build that future with your support. For more information, or to make a gift, contact Andrew Rentschler at andrew.rentschler@jhu.edu.

Johns Hopkins
Berman Institute of Bioethics
Deering Hall
1809 Ashland Avenue
Baltimore, Maryland 21205

PHONE: 410-614-5550
EMAIL: Bioethics@jhu.edu
WEBSITE: Bioethics.jhu.edu

 [Facebook.com/Bermaninstitute](https://www.facebook.com/Bermaninstitute)
 [@Bermaninstitute](https://twitter.com/Bermaninstitute)
 [Youtube.com/Bermaninstitute](https://www.youtube.com/Bermaninstitute)

