

JOHNS HOPKINS
BERMAN INSTITUTE
of BIOETHICS

ANNUAL REPORT
2017-2018

Portraits of Leadership



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DIRECTOR'S MESSAGE



As I look back at all the Berman Institute accomplished during the 2017-18 academic year, the unquestioned central theme of the year is that of leadership. It was the year in which we cemented our status as one of the world's unquestioned leaders in the field of bioethics—in education, scholarship, research, and service—today and for the foreseeable future.

In June of 2018 the Berman Institute concluded the most successful fundraising campaign in our history, securing over $51 million in new commitments that will keep us at the forefront of our field. We surpassed that milestone thanks to the visionary support of our longtime Advisory Board Chair and his wife, Alex and Vicki Levi. As this report's cover story outlines, their landmark gift to the Berman Institute will honor Ruth Faden's legacy of leadership and enable the Institute to produce future leaders in bioethics for generations to come.

This year showed us that bioethics continues to be an ever more vital field of study. The fastest growing sectors of our nation's economy, primarily healthcare, science and technology, pose enormous ethical questions not only for today, but for the future. Across the country and around the world, Berman Institute faculty are recognized as uniquely qualified to provide the analysis, insights, and approaches to help shape the responses to these questions in ways that promote responsible policies and practices that will benefit humanity.

Our work is made possible only through the visionary support of our many donors, as well as through the volunteer efforts of members of our Advisory Board, who recognize the importance of what the Berman Institute stands for and the work it carries out. The lives that are improved, the laws and policies that are enacted, are a result of their belief in us coupled with unwavering generosity. On behalf of all the Berman Institute's faculty, staff, students, and trainees, I express my heartfelt gratitude for the role our supporters play in our success.

Sincerely,



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



Leaders Growing Leaders

A TRANSFORMATIVE GIFT WILL EDUCATE THE BIOETHICS TRAILBLAZERS OF TOMORROW

In the eyes of Berman Institute Advisory Board Chair Alex Levi, and his wife Vicki, Ruth Faden has always been a leader. A leader not only in establishing and expanding the Berman Institute, but also in advancing the field of bioethics to achieve more ethical practices and policies relevant to the health of people around the world.

To honor that leadership, and to ensure her legacy, the Levis in 2018 made an unparalleled commitment to the Institute, the largest ever made to a bioethics institute. The Levis' $15 million gift, which has established The Ruth R. Faden Endowment for Education in Bioethics, will fully fund several programs that will allow the Institute to create the next generation of leaders in bioethics education and research.

This legacy gift will be used to expand the Hecht-Levi postdoctoral fellowship program and support four to six post-doctoral fellows per year. It will also create the Faden Endowment, funding four to eight Masters of Bioethics scholarship students, and launch the Faden Scholars program. The latter initiative will provide advanced leadership training for one Hecht-Levi fellow per year. The gift will also help pay research and travel costs for Institute PhD candidates.

"The gift is unprecedented in the field of bioethics," says Jeffrey Kahn, the Andreas C. Dracopoulos Director of the Johns Hopkins Berman Institute of Ethics, and Faden's successor. "There are no other bioethics institutes with endowed resources designed to grow new leaders. It's groundbreaking. What I hear from leaders at other institutes is, 'Oh my, you're really making it hard on the rest of us.'"

Through their generosity, the Levis also have reconfirmed themselves as leaders in support of the Berman Institute's mission. Their gift is a fitting capstone to a quarter-century of support that predates the Institute's formal establishment.

With no real roadmaps to follow, Faden sought out support wherever she could find it.



FADEN WAS NAMED THE INAUGURAL PHILIP FRANKLIN WAGLEY PROFESSOR OF BIOMEDICAL ETHICS IN 1995.

LAYING THE FOUNDATION

In 1995, Ruth Faden was a scholar trying to inspire interest at Hopkins in an academic field that was coming into its own: bioethics. Already, her profile was rising. A professor at the Bloomberg School of Public Health at Johns Hopkins, she had recently been named the Philip Franklin Wagley Professor of Biomedical Ethics at the university's School of Medicine. Faden had also earned national recognition as chair of a commission formed by President Bill Clinton to investigate ethical shortcomings in human radiation experiments.

Later that year, she would be tasked by Johns Hopkins leadership with a daunting assignment: creating a new, freestanding entity, an Institute, for the entirety of the University that would study the ethics of every dimension of health and biomedical science.

The question was how.

"Just explaining what we were about could be a challenge," says Faden.

With no real roadmaps to follow, Faden sought out support wherever she could find it. Morris Offit, a former chair of the university's Board of Trustees, introduced her to the adult children of a couple that had long served as leaders and philanthropists to the university: Robert Levi, a noted Baltimore businessman and civic leader who had served on the Johns Hopkins board, and Ryda Hecht Levi, a noted art collector and benefactor.

The Levi family was looking to honor the memory of their father, who had died in the months before the Institute's founding. Faden, new to fundraising, did her best to share with the family her idea for a symposium and leadership program based around bioethical issues.

Fortuitously, she had the right audience. Listening, rapt, was a couple that would become Faden's supporters for decades to come. They would help guide her as she grew the Institute into a global force on the ethics of biological science, clinical care, and public health. And they would become her dear friends—people she would turn to again and again for advice, encouragement, and ideas.

Alex and Vicki Levi aren't Hopkins' alumni, nor had they previously been supporters of the university. Nevertheless they—along with their siblings, Sandra Gerstung, Richard Levi, and Susan Perry—leapt at the chance to support the Robert Levi Ethics and Public Policy Symposium, allowing Hopkins to convene thought leaders in many fields from around the world every two years to advance challenges in bioethics and public policy

"Ruth talked about how a leadership series in bioethics could have an impact nationally and internationally," recalls Alex Levi. "I was immediately sold on it. Ruth was just a powerhouse in terms of her enthusiasm, her intelligence, and her vision."

At the time, bioethics was taking off through a variety of disciplines, as concerns over the direction of stem-cell research, the treatment of human subjects in clinical trials, approaches toward Alzheimer's patients, and justice in the distribution of health care were becoming regular discussion topics, not only in academic circles, but in the media and among the general public.

Its concern with ethics resonated with Alex, who is a clinical psychologist and a clinical assistant professor at the Cornell University Medical College.

"We also immediately thought this was something Dad [Robert Levi] would like," adds Vicki Levi. "And it was clear Ruth was a terrific person and a great scholar."

A donation was made, and a relationship hatched. The Levi family and their generosity would go on to become a renewable resource for the Institute, with more than $5 million supporting a fellows program, an endowed professor's chair, and a contribution toward the renovation of Deering Hall. The contributions helped grow the Institute from an operation that included a handful of Hopkins faculty to more 35 from around the university, including the schools of Arts and Sciences, Advanced International Studies, Medicine, Nursing, and Public Health.



Alex and Vicki stepped forward with the largest gift in Berman history.

CEMENTING A LEGACY

As the Levis contemplated a capstone gift in their support of the Berman Institute, Berman leadership shared the pressing need for student financial support. An endowment for scholarship assistance would ensure Berman's capacity to attract the most promising bioethics scholars. Honoring Ruth's legacy of leadership by ensuring the field's future stars would be able to follow the trail she blazed resonated with Alex and Vicki. And so they stepped forward with the largest gift in Berman history.

News of the gift, delivered last summer during a board retreat at an Institute board member's home, had an immediate impact on Faden. "I had to sit in a room alone to absorb it—I was worried about the enormity of it," she says with a laugh. "I needed to have something to drink after Jeff told me. Then, Alex came in and we talked about it."

"You can conservatively say that this gift will provide support for as many as 15 students and fellows every year, in perpetuity," says Andrew Rentschler, Senior Director of External Affairs at the Berman Institute.

In addition to the financial support, the Ruth Faden Scholars will receive leadership development training and other special opportunities over the course of their participation in the program.

The Levis have provided a wellspring of ideas and critical thinking.



ALEX WITH RUTH IN 2006.

A LIFELONG RELATIONSHIP

At the beginning, Alex and Vicki Levi say they understood little about bioethics. What they came to learn, they say, has been due to lengthy and intensive conversations fueled by Faden's deep knowledge and intense passion for the subject. Soon after joining the Institute's national advisory board in 1995, Alex became the board's chair, eventually shepherding its members through twice-yearly meetings.

Each year, after one of those meetings, Vicki Levi hosts a dinner at the Lotus Club in New York for board members "and whoever is around that is interested in the Institute," she says. She handles the atmosphere, menu, and seating. Vicki, an author, expert on Cuban culture, and a photo professional who has made the history of Atlantic City, her hometown, a personal crusade, has served as a consultant to the HBO series, Boardwalk Empire.

"Alex and I both share an intense interest in bioethics and the Berman Institute," she says. "We're always happy to travel to Johns Hopkins. I'm really glad to be a part of it."

The Levis live in Manhattan, where Alex maintains his practice and Vicki pursues arts projects and research in Cuba, Florida and New Jersey.

Though Alex had been recruited to Johns Hopkins as a student and lacrosse player, he opted to leave town to make his mark elsewhere. He attended Trinity and Adelphi, which also benefit from his generosity.

While raising money from the board became an important part of his role at the Institute, Alex said he also worked hard to engage board members in the its projects, which have ranged from the ethics of conducting medical investigations in developing countries to stem-cell research to practicing ethics in clinical settings. "It's been my job to keep the board interested," says Alex. "If there's an area they've expressed some curiosity in, I'll link them with faculty who are experts in it."

He largely keeps in touch with the Institute by frequent phone calls. Back at the beginning, Alex and Ruth decided to set aside 10 a.m. every other Sunday to talk about Institute matters. The two-hour confabs covered everything from budget to faculty matters, to what's happening in Baltimore and at Hopkins, to world events.

"Alex's contribution has been as an advisor, counselor, and partner," she adds. "I'd run a wide range of things by him to get his thoughts and counsel. It can be a little lonely running an institute. Having Alex there was a source of strength for me."

The Levis have also provided a wellspring of ideas and critical thinking.

"Alex is always scanning the horizon," Faden adds. "'Is there something in the New York Times that Berman should be interested in?' Alex and Vicki are thoughtful people who brought me ideas and challenged me all the time."

Ruth reports that Alex played a central role in the acquisition of a former police station building that in 2011 would become Deering Hall, the building on Hopkins' East Baltimore campus that houses the Berman Institute. Some of the Hecht-Levi family's art collection graces the halls and walls there. Alex's interest in helping the Institute expand its research on global food ethics was also crucial, Faden adds.

Those Sunday morning dialogues continue as Kahn marshals the Institute. "Alex is a clinical psychologist by profession and his listening skills reflect that," says Kahn. "Sometimes, I think I should pay him for a therapy session!"

The psychologist's characteristic openness to discovery has served him well regarding the Institute's work, Alex admits: "The way I work clinically, I don't use a model to treat patients. I have to always create the context that allows for surprises because I'm dealing with the human mind. It's comparable to the study of bioethics. There's something new in that field all the time, like the claimed birth of gene-edited twins in China."

These days, those talks will cover what the Institute is working on, including Kahn's recent trip to the Hong Kong conference on human gene editing where the controversy over purported creation of gene-edited twins was first reported. But they will also touch on movies, politics, theater, and world events.

"He has a gentle, yet direct way about him," Kahn says. "Before I became the Institute's director, I would watch how he dealt with things. It was clear that he was a leader. He's always prepared and uses that as an example to others on our board. When it comes to philanthropy, he leads by example as well."

Now, Alex is looking to the next generation of leaders.

"I've been involved with the Berman Institute for a long time, and I feel like it's given back more to me than I could ever give to it," says Alex. "I've made so many friends there. It has enriched my life. I consider it priceless. But it's time to think about what the board will look like without me. This is about creating a legacy, though the real reason we're doing this is to celebrate Ruth's amazing work here."

Because of the Faden Endowment, the Levis' involvement with the Institute will have no ending, but will continue in perpetuity.

"The world will get more and more complicated," Alex notes. "My hope is that the gift will help the Institute grow and prosper so it can deal with the issues the world will continue to face."



Now, Alex and Vicki are looking to the next generation of leaders.

Leading Ethics' Expanding Reach

For almost a quarter-century, the Berman Institute has been at the forefront of national and international efforts to make sense of and find answers to new ethical issues arising from rapid gains in health care, public health, and the biomedical sciences.

But advances in science and technology increasingly touch impact aspects of our lives that go far beyond bioethics' traditional purview. In response, Berman Institute scholars and their colleagues across Johns Hopkins University have begun exploring contemporary ethical issues that cross academic disciplinary lines and take place in a wide range of real-world circumstances. To support these efforts, Johns Hopkins created the Exploration of Practical Ethics program, which provides grants for faculty to undertake research in interdisciplinary fields of ethics.

The program awarded nine grants in 2016 to projects examining issues relating to criminal justice, higher education, economics, and environmentalism, among others. Last year, the program held another competitive call for applications and disbursed $350,000 to seven new cross-disciplinary projects:

- Ethical Robotics: Implementing Value-Driven Behavior in Autonomous Systems (see sidebar)
- Are We Asking the Right Questions about the Ethics of Autonomous Vehicle Testing?
- Housing Our Story: Towards Archival Justice for Black Baltimore
- The Law of Unintended Consequences: Will the Implementation of California Senate Bill 27 Impact Animal Health and Well-Being?
- The Ethics of Preparedness in Humanitarian Disasters
- Determining the Number of Refugees to be Resettled in the United States: An Ethical and Human Rights Analysis
- Conducting Research on Commercially-Owned Online Spaces

"There were many more outstanding proposals than we were able to fund," said program director Maria Merritt of the Berman Institute. "The intense interest demonstrates how important contemporary, real-world ethical issues are to faculty from across the university."

Current grant recipients presented their work at a university-wide symposium last fall. Merritt said that based on the continuing level of interest, and innovative research arising from the first two rounds of projects, the hope is that the Exploration of Practical Ethics will continue with another round of grants in the coming years.



ETHICAL ROBOTICS: IMPLEMENTING VALUES-DRIVEN BEHAVIOR IN AUTONOMOUS SYSTEMS

IN 1942, ISAAC ASIMOV stipulated his Three Laws of Robotics to govern robot behavior. Implementing such laws requires an actionable value system that can be analyzed, judged, and modified by humans, especially because robots will likely soon pervade our daily lives as surrogates, assistants, and companions.

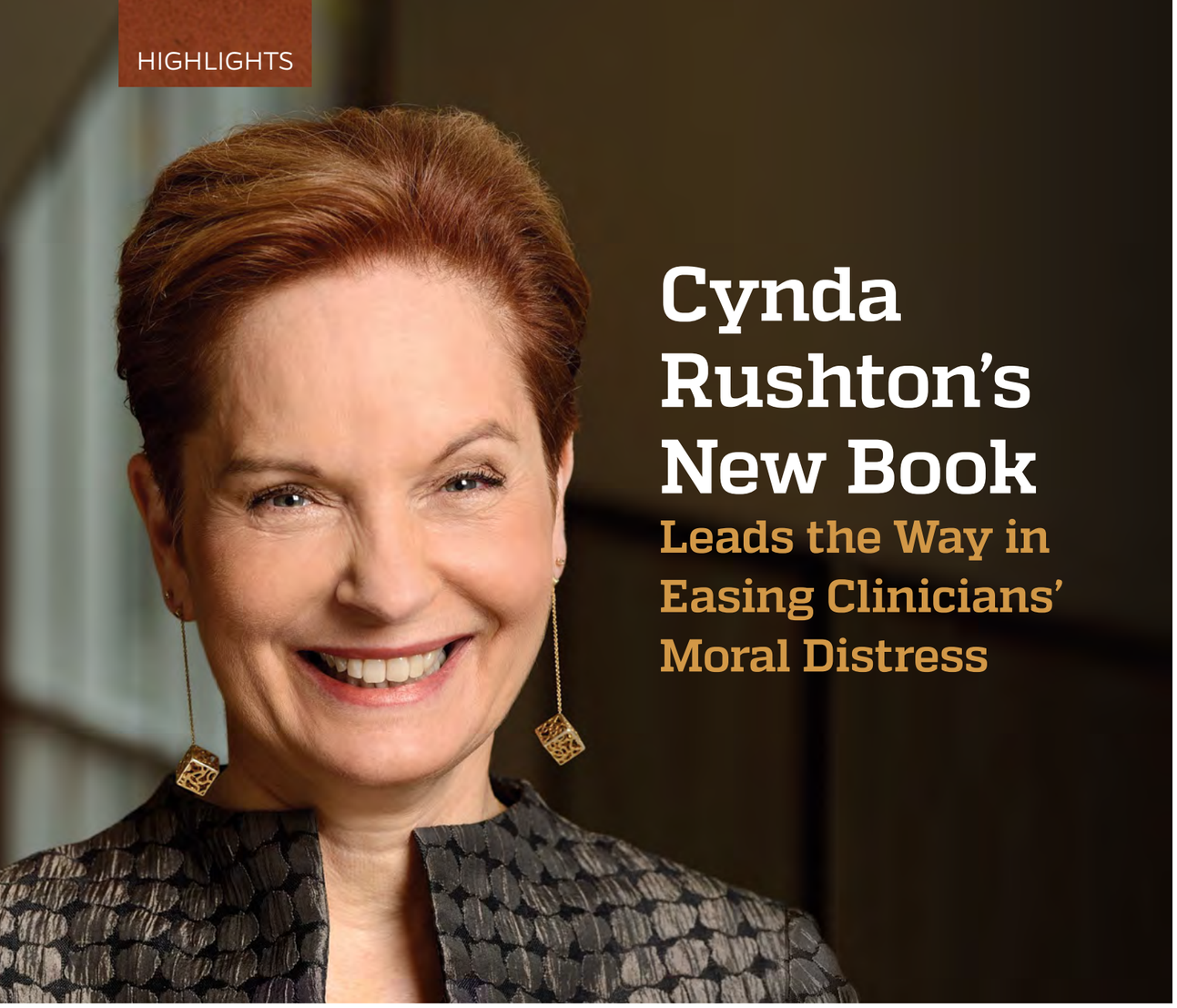
As robots are granted greater autonomy, it's imperative that they are endowed with ethical reasoning commensurate with their ability to both benefit and harm humanity. The project, led by ethics and robotics experts from the Berman Institute and the Johns Hopkins Applied Physics Lab, aims to develop an ethical framework for robots, implement the framework by extending existing robot capabilities, and assess the framework's impact on robot behavior. To begin their work investigators David Handelman, Ariel Greenberg, Bruce Swett, and Julie Marble of APL, along with Berman ethicists Travis Rieder and Debra Mathews, are focusing on the first clause of Asimov's First Law: A robot must not harm a human.

The team's first step towards embedding a moral code into a semi-autonomous system is to ensure that the robot can perceive the moral salience of features in its surroundings. Many robots can "see" and categorize things in their surroundings, usually by analyzing pixels from a camera, or using motion or heat sensors. Systems can be trained to distinguish between living and non-living things, can identify and open doors, and can perform intricate tasks like surgery or bomb disposal with the aid of humans. In order to follow Asimov's First Law, however, it is required that, in addition to accurately perceiving what is in its surroundings, the robot must be able to tell if something it is seeing is capable of being harmed.

The investigators thus are attempting to teach the robot to 'see' which objects in its view have minds. Having a mind is a condition, they argue, of being capable of suffering, and therefore a prerequisite of being subject to harm.

From here, the investigators then put forth a framework that distinguishes different types of injury that a robot might cause. This is just a first step. The second step of creating a more ethical robot is to then, of course, program into the robot what philosophers sometimes call 'deontic constraints,' which would limit the actions it is permitted to do by virtue of the possible harms it could cause.

ROBO SALLY, THE APL'S BIMANUAL DEXTEROUS ROBOTIC PLATFORM PROGRAM THAT FOCUSES ON MIMICKING HUMAN CAPABILITIES WITH A REMOTELY BASED OPERATOR.



Cynda Rushton's New Book

Leads the Way in Easing Clinicians' Moral Distress

Suffering is an unavoidable reality in healthcare. Not only are patients and families suffering, but more and more the clinicians who care for them are also experiencing distress. Moral distress, as this type of suffering is known, arises in clinicians as they struggle to reconcile their competing ethical values and commitments with integrity when constraints make it impossible to act in accordance with them.

"Clinicians in health care are constantly confronted with ethical questions. In many ways, ethical issues are embedded in everything we do. In every moment, we're making decisions about how we allocate our talent, our competence, our attention," says Cynda Hylton Rushton, PhD, RN, FAAN, the Anne and George L. Bunting Professor of Clinical Ethics in the Berman Institute of Bioethics and the School of Nursing at Johns Hopkins.

"Clinicians in our current health care environment are experiencing external pressures from the organizations where they're practicing that often reflect a mindset of being expected to do more with less. Coupled with throughput pressures, there is also distress about whether we are actually benefiting our patients, and potentially harming them, because we're not able to provide safe, quality care. Clinicians end up feeling their integrity is compromised. How can be I a good doctor, or nurse, if I can't practice in a way that reflects the values that are central to my profession?"

To help provide a pathway to transform the effects of moral suffering in healthcare, Rushton spearheaded publication this year of Moral Resilience: Transforming Moral Suffering in Healthcare (Oxford University Press 2018), serving as its editor and author of several chapters. In the book, she and her colleagues offer new approaches to addressing moral suffering, devising strategies for individuals and systems alike that leverage practical skills and tools to support health care professionals in practicing with integrity, competence, and wholeheartedness.

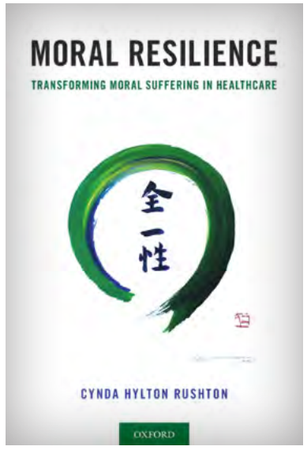
Rushton, a faculty member of the Berman Institute since its founding, is particularly well-qualified to provide such guidance for ethical clinical practice. An international leader in nursing ethics, she co-chairs the Johns Hopkins Hospital's Ethics Consultation Service. In 2014, she co-led the first National Nursing Ethics Summit, convened by the Berman Institute and the School of Nursing, and her seminal work on nurse suffering and moral distress was selected for inclusion in the U.S. Nursing Ethics History project. Subsequently, she coauthored the report from the National State of the Science Symposium focusing on Transforming Moral Distress into Moral Resilience and the American Nurses Association panel that developed a Call to Action to explore the role of moral resilience in cultivating a culture of ethical practice.

"It's important to document the existence of moral distress and the excellent scholarship that has informed our understanding of the experience, contributing factors and consequences. But it's also true that we need to move toward solutions. One of the distinctions of the book is that we're shifting from focusing exclusively on the distress to the possibility we might be able to restore integrity in the midst of moral adversity," says Rushton. "We offer clinicians a vision of hope, rather than reinforce the sense of victimization and powerlessness that is prevalent in our healthcare environment right now."

Rushton's book is the first to explore moral resilience from a variety of perspectives, including not only bioethics and nursing, but also philosophy, psychology, neuroscience, and contemplative practice. It offers tangible solutions for individuals and systems alike to reduce the ever-increasing prevalence of moral suffering.

"One very important way for clinicians to cultivate their own moral resilience is reorienting themselves to why they're doing the work in the first place, and their core values. We often lose track of that in the midst of all the complexity and pressure that clinicians experience," says Rushton. This orientation, coupled with skills in self-awareness, self-regulation, ethical competence and self-stewardship, offer promising ways to confront the realities of moral adversity in healthcare.

But individual strategies are not enough. "If organizations are really committed to an environment for clinicians to thrive in, there has to be concurrent attention to how do we create a culture that helps them focus on our core mission, our patients and their families. Otherwise, it's putting a band-aid on a gaping wound. And that has not worked."



Professor Rushton's book is one of the hundreds of works of scholarship Berman Institute faculty published in 2017-2018. The full list begins on page 17.

Ph.D. Student Michael DiStefano Recognized for Top Bioethics Paper

Michael DiStefano, a third year PhD student in Bioethics and Health Policy at the Berman Institute, defies easy categorization. As a Princeton undergraduate, he was an aspiring philosopher who chose instead to major in religion. An emerging scholar, he finds teaching just as fulfilling as research. And when it comes time to discuss the publication that received the 2018 American Society of Bioethics and Humanities (ASBH) Student Paper Award, he'd really rather change the topic.

DiStefano's paper, "Characterizing 'civil unrest' as a public health determinant: Implications for public health research and practice" received not only ASBH's top student paper award, but also the 2018 Marcia Pines Award in Bioethics and Public Health from Johns Hopkins.

While the recognition stamps him as an emerging future leader in bioethics scholarship, DiStefano humbly deflects accolades and prefers instead to focus on the developing proposal for his dissertation, which will seek to develop a new approach for establishing an ethical process for priority-setting in determining what merits universal coverage.

"More and more, priority-setting involves assessments that need to consider moral relevance beyond mere efficiency," he says. "In addition to cost-effectiveness, there's a role for ethics to define and describe morally what factors should influence the priority-setting process."

DiStefano came to Berman from the University of Pennsylvania, where he received a Master of Bioethics degree in 2014. His graduate thesis explored the ethics of using mobile health technologies to enhance TB treatment adherence. Prior to coming to Hopkins, he interned at the World Medical Association and taught in the Biomedical Ethics department at Dong-A University in Busan, South Korea.

DiStefano recognizes the Berman Institute as an ideal environment for work that combines empirical research about health care systems with philosophical consideration of what those systems' priorities should be. He also values the Institute's focus on practical implementation of ethical frameworks, and the opportunities it provides for global work. Late in 2018, he traveled to South Africa to work with faculty members Ruth Faden, Maria Merritt, and Carleigh Krubiner to research the development of a systematic ethical framework for healthcare priority setting in that nation.

"Michael is exactly the kind of student we want to have at the Berman Institute," Faden says. "In addition to his outstanding research capabilities, he is committed to utilizing those abilities to make a real difference in the lives of people around the world."



SUPPORT MAKES A DIFFERENCE FOR EMERGING LEADERS

Generous financial support enables Berman Institute PhD students and Hecht-Levi Fellows to attend and present at national conferences, helping them emerge as new leaders in the field. Presentations made possible at this year's annual American Society of Bioethics and Humanities national meeting included:



Reconfiguring "Civil Unrest" As a Public Health Determinant

MICHAEL DISTEFANO
(PhD STUDENT)



Challenging Medicaid Work Requirements: A Disability Law Dilemma

CHRISTIAN MORALES
(PhD STUDENT)



Gain-of-Function Research and the 2018 Synthesis of Horsepox: Where Are We Now, and Where Are We Headed?

ALEXANDRA RUTH
(PhD STUDENT)



Startup Companies and the Shifting Landscape of the Global Pharmaceutical Industry

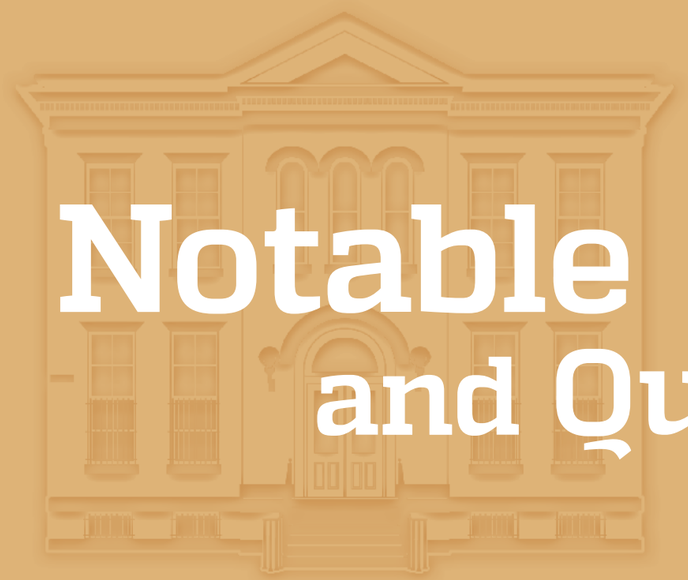
ALEXIS WALKER
(HECHT-LEVI FELLOW)



Science Fiction, Gene Editing, and the Future of Nature;

Modified Mosquitoes in my Backyard? Historical Precedents and Contemporary Approaches to Public Engagement in the Release of GMOs for Public Health Purposes

REBECCA WILBANKS
(HECHT-LEVI FELLOW)



Notable and Quotable

BERMAN INSTITUTE FACULTY ARE REGULARLY SOUGHT TO OFFER BIOETHICS INSIGHT AND ANALYSIS TO JOURNALISTS FROM A WIDE RANGE OF MEDIA OUTLETS (SEE THE FULL LIST ON PAGE 27). HERE ARE A FEW EXAMPLES OF THEIR COMMENTARY FROM 2017-18.

"The bottom line is that in expansion states we've seen a big pickup in Medicaid paying for drug and alcohol treatment for people with substance abuse problems. In terms of getting people access to treatment and helping to put in place a new kind of financial model, Medicaid expansion has been hugely helpful."

BRENDAN SALONER IN HEALTHLINE

"If the case of Daraprim and Turing Pharmaceuticals is any guide, public shaming alone is not likely to end these anticompetitive practices. A world's worth of public shame was not enough to encourage the company to bring the price back down."

JEREMY GREENE REACTING IN THE *WASHINGTON POST* TO THE FDA'S POLICY OF SHAMING DRUG COMPANIES INTO SHARING SAMPLES WITH GENERICS MANUFACTURERS

"People will say, 'Well, where's the evidence this vaccine is safe in pregnancy?' Well, how can we know if we've never tested it in pregnancy? 'Well, we couldn't test it in pregnancy because it's not safe to test it in pregnancy.' And if you can't get off that spinning wheel, pregnant women and their babies are going to be left out indefinitely."

RUTH FADEN TO STAT NEWS ABOUT THE NEED TO INCLUDE PREGNANT WOMEN IN VACCINE DEVELOPMENT

"What we've noticed is that nurses often lose track of their sense of purpose and meaning, and then discount the value of their contribution. We invite them to recognize the incredible value they bring to patients and families, and how to see themselves as effective moral agents that belong in these difficult conversations."

CYNDA RUSHTON TO NURSE.COM

"Patients trust that their physicians will make objective and evidence-based decisions on their behalf, which reflect their interests and that these decisions will also limit harms. Gifts (payment) cloud our ability to remain objective and as such, negatively influence the patient-provider relationship, in particular trust that physicians will place patients' needs primary."

YORAM UNGURU TO REUTERS

"When people's diets are bad, health systems pay the price in the form of increased treatments for noncommunicable diseases. From 2010 to 2025, this economic burden is expected to add up to $7 trillion, with most of the money going to cardiovascular disease."

JESS FANZO IN BLOOMBERG OPINION

"This record may be the only source of information a new clinician has about some patients. We have to question the assumption that the medical record always represents an objective space."

MARY CATHERINE BEACH TO SLATE.COM ABOUT A STUDY SHE DESIGNED TO INVESTIGATE WHETHER PHYSICIANS PERPETUATE BIAS AGAINST CERTAIN PATIENTS THROUGH LANGUAGE IN THEIR MEDICAL RECORDS

"It's a call to action for us as a nation to think about the well-being of children everywhere. I hope that these reports help us to see ourselves not as 50 states but as a nation of children who deserve our focus and our attention and our support."

MAGGIE MOON TO CNN, REACTING TO PUBLICATION OF A REPORT ABOUT THE WELL-BEING OF AMERICAN CHILDREN

"There is a competitive advantage that would be lost if we aren't willing and able to use the technology. But maybe that's just what we have to accept."

JEFFREY KAHN IN *THE ATLANTIC*, ABOUT THE POSSIBILITY OF U.S. RESEARCHERS BEING OUTPACED BY THOSE FROM COUNTRIES WITH LESS STRICT ETHICAL LIMITS.

"I am not against all direct-to-consumer genetic testing. But I want people to understand what they are paying for and also what's happening to their data."

DEBRA MATHEWS IN *NATIONAL GEOGRAPHIC*



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Sugarman J, Lysaght T. **Editors' Introduction to the Special Section on Ethics, Policy, and Autologous Cellular Therapies.** *Perspectives in Biology and Medicine.* 2018 May 22;61(1):1–6.

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Sulmasy DP, **Hughes MT,** Yenokyan G, Kub J, **Terry PB,** Astrow AB, Johnson JA, Ho G, **Nolan MT. The TAILORED Study: A Randomized Controlled Trial to Improve Surrogate Decision Making.** *Journal of Pain and Symptom Management.* 2017 Jul 13;54(4):455-465.

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Taylor HA, Morales C. Involving Pregnant Women in Research: What Should We Recommend When the Regulations Seem Ethically Problematic? *The American Journal of Bioethics.* 2018 Apr 3;18(4):91–2.

Taylor HA, Morales C. Is It Ethically Appropriate to Refuse to Compensate Participants Who Are Believed to Have Intentionally Concealed Medical Conditions? *The American Journal of Bioethics.* 2018 Apr 3;18(4):83–4.

Taylor HA, Punjabi NM. **Can We Breathe Easy If PAP Therapy Is Withheld?** *The American Journal of Bioethics.* 2017 Oct 3;17(10):78–9.

Taylor HA. A Measure of Effectiveness Is Key to the Success of sIRB Policy. *American Journal of Bioethics.* 2017 Jun 29;17(7):41-43.

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Unguru Y. Funerals. *Pediatric Blood & Cancer.* 2018 Mar 30;65(7):e27059.

Unguru Y. Speed and Safety in Drug Approval and Commercialization. *Pediatrics.* 2017 Oct 11.

Van Pilsum Rasmussen SE, Henderson MC, **Bolinger J,** Seaman S, Brown D, Durand CM, Segev DL, **Sugarman J. Perceptions, Motivations, and Concerns about Living Organ Donation among People Living with HIV.** *AIDS Care.* 2018 May 3;30(12):1595-1599.

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Venkataramani M, Pollack CE, DeCamp LR, Leifheit KM, **Berger ZD,** Venkataramani AS. **Association of Maternal Eligibility for the Deferred Action for Childhood Arrivals Program With Citizen Children's Participation in the Women, Infants, and Children Program.** *JAMA Pediatrics.* 2018 May 29;172(7):699-701.

Walker A, Boyce A, Geller G, Thio CL, **Kahn JP. Direct Acting Antivirals and Hepatitis C: The Ethics of Price and Rationing by Genotype.** *Clinical Infectious Diseases.* 2018 Mar 29;67(6):983-984.

Weinfurt KP, Bollinger JM, Brelsford KM, Bresciani M, Lampron Z, Lin L, Topazian RJ, **Sugarman J. Comparison of Approaches for Notification and Authorization in Pragmatic Clinical Research Evaluating Commonly Used Medical Practices.** *Med Care.* 2017 November;55(11):970-978.

Weinfurt KP, Hernandez AF, Coronado GD, DeBar LL, Dember LM, Green BB, Heagerty PJ, Huang SS, James KT, Jarvik JG, Larson EB, Mor V, Platt R, Rosenthal GE, Septimus EJ, Simon GE, Staman KL, **Sugarman J,** et al. **Pragmatic Clinical Trials Embedded in Healthcare Systems: Generalizable Lessons from the NIH Collaboratory.** *BMC Medical Research Methodology.* 2017 Sep 18;17:144.

Weise KL, Okun AL, Carter BS, Christian CW for the AAP Committee on Bioethics; Section on Hospice and Palliative Medicine; Committee on Child Abuse and Neglect (includes **Boss R**). **Guidance on Forgoing Life-Sustaining Medical Treatment.** *Pediatrics.* 2017 August;140(3).

Wilfond BS, **Morales C, Taylor HA. Expanded Access for Nusinersen in Patients With Spinal Muscular Atropy: Negotiating Limited Data, Limited Alternative Treatments, and Limited Hospital Resources.** *The American Journal of Bioethics.* 2017 Oct 3;17(10):66–7.

Williams E, **Seltzer R, Boss RD. Language Matters: Identifying Medically Complex Children in Foster Care.** *Pediatrics.* 2017 October;140(4).

Wood SA, Smith MR, **Fanzo J,** Remans R, DeFries RS. **Trade and the equitability of global food nutrient distribution.** *Nature Sustainability.* 2018 Jan;1(1):34.

Xu J, Arruda S, Gallo JJ, Wenzel J, **Nolan MT,** Flowers D, et al. **Using vignettes to understand heart failure self-care.** *Journal of Clinical Nursing.* 2018 Jun 26;27(19-20):3554-3560.

Zulu JM, **Ali J, Hallez K, Kass N,** Michelo C, **Hyder AA. Ethics challenges and guidance related to research involving adolescent post-abortion care: a scoping review.** *Reproductive Health.* 2018 May 2;15:71.

Zwerling A, Dowdy D, von Delft A, **Taylor H, Merritt MW. Incorporating social justice and stigma in cost-effectiveness analysis: drug-resistant tuberculosis treatment.** *The International Journal of Tuberculosis and Lung Disease.* 2017 Nov 1;21(11):S69–74.

PRESENTATIONS

Ali J (panelist). **"Data from the Field: Ethical, Legal & Policy Challenges of Mobile Phone Surveys."** Global Digital Health Forum. Washington, DC. 2017 December 4.

Ali J (panelist). **Mobile Phone Survey Modalities to Meet Health Information Needs.** Global Digital Health Forum. Washington, DC. 2017 December 5.

Ali J, Rubenstein L. Ethics in Humanitarian Contexts. Bloomberg School of Public Health, Baltimore, MD. 2018 March 28.

Ali J. Anticipating the Ethical Challenges of Mobile Phone Surveys for Non-Communicable Disease Surveillance in LMICs: Data from the Field. 9th Annual CUGH Conference. New York, NY. 2018 March 16-18.

Ali J. Broad Consent for Biobanking in International Health Research. Johns Hopkins Fogarty African Bioethics Training Program, University of Zambia. 2018 June 11.

Ali J. Potential Risk and Ethical Dilemmas in Digital Research. Advancing Research in the Digital Age. Johns Hopkins Institute for Clinical and Translational Research, Baltimore, MD. 2018 February 27.

Ali J. Strategies to Promote Ethical Practices in Research Potential Risk and Ethical Dilemmas in Digital Research. Advancing Research in the Digital Age. Baltimore, MD. 2018 February 27.

Barnhill A. (When) is hard-hitting public health messaging manipulative? School of Philosophy, Australian National University, Canberra, Australia. 2017 August.

Barnhill A. Agriculture, Food Security and Human Health: How to Ethically and Sustainably Feed a Growing Population. Food and Agriculture: A Global Conversation Symposium. Institute for Food and Agricultural Literacy, University of California, Davis. 2018 April.

Barnhill A. Enabling Better Food Choice. Philosophy of Food Workshop. University of Fribourg, Switzerland. 2018 June.

Barnhill A. The Ethics of Infection Challenges with Non-Human Primates. Department of Bioethics, National Institutes of Health, Bethesda, MD. 2018 March.

Barnhill A. Use of 'natural' in breastfeeding promotion. School of Philosophy, Australian National University, Canberra, Australia. 2017 August.

Barnhill A. What is Manipulation and What do we want it to be? School of Philosophy, Australian National University, Canberra, Australia. 2017 July.

Barnhill A. Guest lecture. Philosophy of Love and Sex class. Princeton University, Princeton, NJ. 2018 March.

Barnhill A. Interview with Shiriki Kumanyika, 'Equity and Marketing of Unhealthy Food Choices.' Obesity and the Food System Symposium. Johns Hopkins Bloomberg School of Public Health, Baltimore, MD. 2018 March.

Beach MC. Mindfulness and Empathic Orientation: Influences on Emotion Handling. Verona Coding Definitions of Emotional Sequences Invitational Meeting. Verona, Italy. 2018 March.

Beach MC. Mixed Methods Research. Bezmialem University School of Medicine, Istanbul, Turkey. 2018 May.

Beach MC. Positive and Negative Attitudes Reflected in Medical Records. Communication, Medicine, and Ethics (COMET) Conference 2018. Birmingham, UK. 2018 July.

Beach MC. Respect Respect. Mission in 5 Session, International Conference on Communication in Healthcare. Baltimore, MD. 2017 October.

Beach MC. Standards for Scholarly Projects. Scholarly Concentrations Collaborative, AAMC Annual Learn Serve Lead Meeting. Boston, MA. 2017 November.

Beach MC. Successful Scholarship for Medical Students. Bezmialem University School of Medicine, Istanbul, Turkey. 2017 November.

Beauchamp T, DeGrazia D, Gluck J, **Kahn J. A New Framework for Animal Research Ethics.** 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 19.

Berger Z (steering committee member). **Making Patient-Centered Care a Reality — The Journey Continues.** Third Annual Patient-Provider Collaboration Conference. Baltimore, MD. 2018 June 15.

Berger Z. Saving Shared Decision Making From Itself. The Ethox Center, Oxford, UK. 2018 June 20.

Boianni J, **Javitt GH. FDLI: Introduction to US Medical Device Law and Regulation – Overview of Medical Device Law and Regulation Organizational Structures.** Washington, DC. 2018 April 12.

Boyce A (invited panelist). **Emerging Technologies and Anticipatory ELSI.** NHGRI CEER Consortium Annual Meeting. 2018 April 23-24.

Boyce A (invited speaker). **Personalized Gene Variants Related to HIV/HCV: What Do Stakeholders Think?** Fogarty Fellows Seminar. Johns Hopkins Berman Institute of Bioethics, Baltimore, MD. 2018 June 27.

Boyce A. Ethical Sensemaking in Conditions of Uncertainty: An Organizational Ethnography of Morality in a Center of Coordination for Outbreak Surveillance. Law, Public Health Policy, and Organizational Ethics Paper Session 8. 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 22.

Boyce A. Ethics in Epidemics. Harford Community College, Bel Air, MD. 2018 March 29.

Bush L, Mitchell C, **Rothenberg K,** Truog R, **Seltzer R. Bioethics & Genomics Center Stage: A Play Explores Ethical Challenges that Throw Medical Centers Off-Center.** 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 20.

Carrese J (moderator). **A Challenging Case from the Ethics Consultation Service.** Ethics for Lunch. Johns Hopkins Bayview Medical Center, Baltimore, MD. 2018 May 23.

Carrese J (moderator). **Giving our immigrant families information about due process rights: our professional responsibility or outside the boundary of clinical practice?** Ethics for Lunch. Johns Hopkins Bayview Medical Center, Baltimore, MD. 2017 October 25.

Carrese J (moderator). **Responding to patients who make racist, sexist or otherwise offensive comments.** Ethics for Lunch. Johns Hopkins Bayview Medical Center, Baltimore, MD. 2017 September 27.

Carrese J (moderator). **Two Challenging Cases from the Ethics Consultation Service. Ethics for Lunch.** Johns Hopkins Bayview Medical Center, Baltimore, MD. 2018 April 25.

Carrese J, Sugarman J. Training for Clinical Ethics Consultants. Fundación Santa Fe de Bogotá, Bogotá, Colombia. 2017 October 31 – November 1.

Carrese J. Digital Consent and Data Collection Consent: Successful Strategies and Pitfalls. Advancing Research in the Digital Age. Baltimore, MD. 2018 February 27.

Carrese J. Vulnerable Older Adults: Clinical Ethics Issues. Edmund G. Beacham 45th Annual Current Topics in Geriatrics. Baltimore, MD. 2018 February 8.

DeCamp M. Ethics and Value-based Referrals. Keynote Address. American Association of Physician Liaisons 2018 Annual Conference, Washington, DC. 2018 June 15.

DeCamp M. Ethics in a Changing Health Care Organization and Payment Landscape. Keynote Address. Hot Topics in Aging. University of Texas Health Science Center, Houston, TX. 2018 April 23.

DeCamp M. Ethics, Accountable Care Organization, and Patient Engagement. Webinar, Trinity Health National Ethics Champion Program. 2017 July 12.

DeCamp M. What is Value in Health Care? 5th Annual Edmund Pellegrino Symposium. Georgetown University, Washington, DC. 2018 March 2.

Erdek M. Appropriate Use of Opioids and Procedural Interventions. 2018 International Pancreas Conference: Innovations in the Care of Pancreatic Cancer, Baltimore, MD. 2018 April 26-29.

Faden R (moderator). **The Classification of Pregnant Women as a 'Vulnerable Population.'** Meeting of the Task Force on Research Related to Pregnant Women and Lactating Women (PRGLAC). Rockville, MD. 2017 November 6.

Faden R, Krubiner C. Vaccines, outbreaks, and pregnancy: How vaccine development and deployment can better meet the needs of pregnant women and their offspring. Roundtable Session. World Vaccine Congress. Washington, DC. 2018 April 3.

Faden R. "Disrupting the Boundaries Between Human, Animals, and Machines: Chimeras, Artificial Intelligence & Other New Frontiers." Seventh Annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece. 2018 June 20.

Faden R. How to Think about Inequality. Seventh Annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece. 2018 June 20.

Fanzo J (chair). **The Food Health Nexus.** Political economies of sustainable food systems: Critical approaches, agendas and challenges Workshop, IPES. University of Sussex, Sussex, UK.

Fanzo J. HLPE food systems and nutrition. University of Hohenheim, Stuttgart, Germany. 2018 April.

Fanzo J. How to Make Food Systems Work for Public Health: Opportunities and Challenges. Winter 2018 Nutrition Seminar: Aligning Food Systems with Nutrition and Health. University of Washington, Seattle, WA. 2018 January 25.

Fanzo J. Nutrition and food systems—A report by The High Level Panel of Experts on Food Security and Nutrition (HLPE). Washington, DC. 2018 January 18.

Fanzo J. Obesity and food systems. G20 Conference. OECD, Paris, France. 2018 May.

Fanzo J. Waste Not Want Not. EAT Stockholm Food Forum. Stockholm, Sweden. 2018 June.

Geller G, Erdek M, Rieder T, Alexander C. **Clinician Response to the American Opioid Epidemic.** Johns Hopkins School of Medicine, Baltimore, MD. 2018 March 8.

Geller G, Kahn J, Segev D. **Killer Conundrums and Deadly Dilemmas.** NAS Science & Entertainment Exchange. Los Angeles, CA. 2017 November 30.

Geller G. Genomic Discoveries in Infectious Disease: Anticipating the Ethical Implications for Marginalized Populations. General Internal Medicine Grand Rounds. Johns Hopkins Hospital, Baltimore, MD. 2018 March 9.

Geller G. A Number: Panel Discussion. DC Art Science Evening Rendezvous (DASER). National Academy of Science, Washington, DC. 2017 October 30.

Geller G. Ethical, legal, and social implications of genomics for infectious diseases and epidemics: A framework for issue-spotting on a global scale. Global Health and Bioethics International Conference. Oxford, UK. 2017 July.

Geller G. Genomic Discoveries in Infectious Disease: Anticipating the Ethical Implications for Marginalized Populations. Center for Research on Ethical/Legal/Social Implications of Psychiatric, Neurologic & Behavioral Genetics, Columbia University, New York, NY. 2018 March 19.

Geller G. Negative Bias Toward Obese Patients Among Medical Students: An Ethical Challenge for Nutrition Education. Annual Meeting of the Johns Hopkins School of Medicine's Institute for Excellence in Education. Baltimore, MD. 2018 April 27.

Geller G. Workshop on Exploring the Widespread Use of Genomic Data in Health Systems to Advance Population Health. National Academies of Science, Washington, DC. 2017 November 1.

Hahn E, **Rieder T, Seltzer R. Rescuing the Child, but Abandoning the Family: Exploring Our Moral Obligation to Support Families of Medically Complex Children.** 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 19.

Henderson M, Rasmussen S, **Sugarman J. Advancing HIV Care and Transplantation: Ethical, Legal, and Social Issues at the Center of HIV+ to HIV+ Solid Organ Transplants.** 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 21.

Hughes M. Do No Harm: A Discussion of Medical Ethics in the Holocaust and How It Applies to Modern Medicine. Yom Hashoah (Holocaust Remembrance Day). Baltimore, MD. 2018 April 11.

Hughes M. Hadamar Haikus: Life Unworthy of Life. A Study of a Holocaust-era mass euthanasia facility. MedArt Maryland at the University of Maryland Medical Center, Baltimore, MD. 2018 May 31.

Hyder A, Ali J, Labrique A, Pariyo G, Gibson D. **Seminar on Mobile Health Interventions in Low- and Middle-Income Countries.** Baltimore, MD. 2018 February 21.

Javitt GH. FDLI: Investigational Device Exemptions and Clinical Studies. Centers for Disease Control, Atlanta, GA. 2018 June 26.

Javitt GH. Industry Implications of AI. Thought Leaders in Health Law Video Series. 2018 May 30.

Javitt GH. Trends in Precision Medicine. Thought Leaders in Health Law Video Series. 2017 December.

Kahn J (moderator). **Disruptive Therapies: The Prospects & Perils of Gene Editing & Human Health.** Seventh Annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece. 2018 June 20.

Kahn J (panelist). **ELSI Issues in Human Genome Editing.** The Jackson Laboratory Human and Mammalian Genetics and Genomics: The 58th McKusick Short Course. Bar Harbor, ME. 2017 July 27.

Kahn J. Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy. 2018 AAHRPP Annual Conference. Denver, CO. 2018 April 22.

Kahn J. Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy. University of California, Los Angeles, Los Angeles, CA. 2017 December 1.

Kahn J. Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy. University of Vermont Burack Lecture. Burlington, VT. 2017 October 2.

Kahn J. Ethics and the Limits of Science, Keynote Address. 3rd Childx Conference: Learn, Collaborate, Innovate. Stanford University School of Medicine, Stanford, CA. 2018 April 12-13.

Kahn J. Bioethics of Gene Editing and Gene Therapy, Plenary Presentation. 2018 Thrombosis and Hemostasis Societies of North America Summit. San Diego, CA. 2018 March 8.

Kahn J. CRISPR and Bioethics. CNBC Health Conference. New York, NY. 2018 March 28.

PRESENTATIONS (CONT.)

Kahn J. Do New Tools Need New Ethics? The Challenge of Advancing Biotechnology for Ethics and Policy. Mason Institute for Medicine, Life Sciences & the Law, University of Edinburgh, Edinburgh, Scotland. 2018 January 30.

Kahn J. Do New Tools Need New Ethics? The Challenge of Governance for Gene Editing in Humans. Ethics in Biomedical Research Lecture. University of Rochester Medical Center, Rochester, NY. 2017 September 27.

Kahn J. Ethical Consideration of the Use of Different Species in Experimentation. Tenth World Congress on Alternatives and Animal Use in the Life Sciences. Seattle, WA. 2017 August 22-23.

Kahn J. Ethics and Big Data Research. Pan American Health Organization, Washington, DC. 2017 November 1.

Kahn J. Ethics and Big Data. NIH Fall Course on Ethical and Regulatory Aspects of Clinical Research. National Institutes of Health, Bethesda, MD. 2017 November 8.

Kahn J. Executive Education in Bioethics. Corporate Best Practices & Leadership Track, 2018 BIO International Convention, Boston, MA. 2018 June 4.

Kahn J. Four Dilemmas of Modern Medicine. One Day University. Baltimore Museum of Art, Baltimore, MD. 2018 April 7.

Kahn J. Four Dilemmas of Modern Medicine. One Day University. Philadelphia, PA. 2017 September 9.

Kahn J. Gene Editing Technology: Innovation and Impact. U.S. Senate Committee on Health, Education, Labor and Pensions. Washington, DC.

Kahn J. IACUC Review of the Justification of Proposed Research—What Can be Learned of IRBs? Tenth World Congress on Alternatives and Animal Use in the Life Sciences. Seattle, WA. 2017 August 22-23.

Kahn J. Inequities in Advancing Biotechnologies in the Context of Markets. Transformations of the Human. Center for Advanced Study in the Behavioral Sciences, Stanford University, Stanford, CA. 2018 May 31.

Kahn J. Mitochondrial replacement techniques-implications for the clinical community. Department of Pathology Grand Rounds. Johns Hopkins Hospital, Baltimore, MD. 2018 February 5.

Kahn J. Research and Ethics in Healthcare. Dunbar High School, Baltimore, MD. 2018 February 22.

Kahn J. The Promise and Progress of Precision Cancer Medicine. Naples, FL. 2018 February 6.

Kahn J. Three Ethics Quandaries in Precision Medicine and Genomics. Keynote address. 2017 Cleveland Clinic Medical Innovation Summit. Cleveland, OH. 2017 October 23-25.

Kahn J. Transgenic Targeted Gene Editing Research Using Non-Human Primates: Progress, Prospects and Ethical Issues. Annual Meeting of the American College of Neuropsychopharmacology. Palm Desert, CA. 2017 December 6.

Kahn J. What You Need to Know about Stem Cell Tourism. NYFSC Research Institute, New York, NY. 2018 April 4.

Kahn J. Opening Remarks. Henrietta Lacks Day. Johns Hopkins Hospital, Baltimore, MD. 2017 October 7.

Kahn J. Research Ethics Lecture Series. PATH, Seattle, WA. 2017 August 24.

Kass N (moderator). **Disruption & Big Data.** Seventh Annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece. 2018 June 20.

Kass, N (panelist). **Safe and Equitable Implementation of Autonomous Vehicle Technology: A Conversation on Public Health.** Baltimore, MD. 2017 December 13.

Kass, N. Disrupting Polarization: The University's Place. Seventh Annual Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece. 2018 June 20.

Kraft SA, Lee S, **Sugarman J,** Weinfurt K. **Beyond the Therapeutic Misconception: The Challenges of New Misconceptions About Research.** 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 19.

Krubiner C, Lyerly A. **Forging a New Paradigm for Public Health Emergency Research that Includes Pregnant Women in the Response: What We Can Learn from HIV, Ebola, and Zika.** 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 19.

Krubiner C. A Bitter Pill: Addressing Health Commodity Purchasing as a Driver of Inefficiency and Inequality. 3rd Annual UHC Financing Forum: Greater Equity for Better Health and Financial Protection. Washington, DC. 2018 April 22.

Krubiner C. Ethics of Conducting Vaccine Research with Pregnant Women. Annual Conference on Vaccinology Research. Bethesda, MD. 2018 April 24.

Krubiner C. Randomizing 'most-at-risk special populations in vaccine trials for emerging infections? Ethical Design of Vaccine Trials in Emerging Infections. Oxford, England. 2017 July 20.

Krubiner C. Reluctance in vaccine research. 2nd meeting of the Task Force on Research Related to Pregnant Women and Lactating Women (PRGLAC). Rockville, MD. 2017 November 6.

Krubiner C. Time to Deliver: Meeting the health needs of pregnant women through vaccine R&D. National Academy of Sciences: The Science & Entertainment Exchange. Woods Hole, MA. 2017 October.

Krubiner C. What Research Should Be Undertaken to Support Decisions Regarding the Value of Eradicating or Curing Disease? ISPOR 23rd Annual International Meeting. Baltimore, MD. 2018 May 22.

Krubiner C. Zika Vaccine Research Guidance. Oxford Global Health and Bioethics International Conference. Oxford, UK. 2017 July 17.

Lewis MH. To Test or Not to Test-That is the Question: Ethical Issues in Genetic Testing in Children. 10th Annual Pediatric Bioethics Conference. Wolfson Children's Hospital, Jacksonville, FL. 2017 November 1.

Mathews D (chair). **Ethical Considerations: Organoids Research & Synthetics Human Entities with Embryo-Like Features (SHEEFs).** World Stem Cell Summit. Miami, FL. 2018 January 25.

Mathews D (meeting chair). **NIGMS Human Genetic Cell Repository SAC meeting.** Bethesda, MD. 2017 September 12.

Mathews D (moderator). **Responsible Innovation, Stakeholders, and Publics.** OECD and National Academy of Sciences Expert Consultation—Neurotechnology and Society. Washington, DC. 2017 September 14-15.

Mathews D. Assessing and Analyzing the U.S. Rule on Embryo Research from Ethical, Political and Scientific Perspectives. Baker Institute Workshop on Human Embryo Research. Rice University, Houston, TX. 2018 May 23.

Mathews D. Balancing optimal public benefits and eliminating societal harm versus bio-conservatism. Bioethics Seminar. Gene Editing Institute, Christiana Care, Newark, DE. 2018 June.

Mathews D. Can we ethically modify our genomes? Precision Medicine and Genome Editing. International Conference on One Medicine One Science. University of Minnesota, Minneapolis, MN. 2018 May 2.

Mathews D. Emerging Technologies and Anticipatory ELSI. NHGRI CEER Consortium Meeting. Bethesda, MD. 2018 April 23.

Mathews D. Ethical Considerations: Editing the Human Genome. 13th World Stem Cell Summit. Miami, FL. 2018 January 25.

Mathews D. Ethical Considerations: Organoids Research & Synthetic Human Entities with Embryo-Like Features (SHEEFs). 13th World Stem Cell Summit. Miami, FL. 2018 January 25.

Mathews D. Honoring Henrietta Lacks' Impact on Medicine. Henrietta Lacks High School Symposium. Baltimore, MD. 2018 March 7.

Mathews D. Human Gene Editing: Traversing the Germline. Biology of Genomes Meeting. Cold Spring Harbor Labs, Long Island, NY. 2018 May 10.

Mathews D. Opportunities and Challenges for New Technologies. International Xenotransplantation Association (IXA) Biannual Congress. Baltimore, MD. 2017 September 23.

Mathews D. Providing Better Real-World Bioethics Advice. Greenwall Foundation, Baltimore, MD. 2018 February 18.

Mathews D. The 14-Day Rule: Moving the Lines We Draw in the Sand. McKusick-Nathans Institute of Genetic Medicine Lecture Series. Baltimore, MD. 2018 January 10.

Mathews D. The Laboratory of the States: Stem Cell Research, Ethics, and Policy. Dupont Summit on Science, Technology and Environmental Policy. Washington, DC. 2017 December 17.

Mathews D. Approaches to Training Panel. NHGRI CEER Consortium Meeting. Bethesda, MD. 2018 April 23.

Mathews D. ASCO Workshop on Exploratory Research Biopsies. Alexandria, VA. 2018 May 18.

Mathews D. Direct-to-Consumer Genetic Testing: What's in it for you? What's in it for them? McKusick-Nathans Institute of Genetic Medicine Lecture Series. Baltimore, MD. 2018 June 1.

Rieder T. Abortion Ethics: From Moral Status to Ethics of Gestation. Bloomberg School of Public Health, Baltimore, MD. 2017 December 7.

Rieder T. Ethics and Policy Issues During America's Opioid Crisis. CUNY Honors College, New York, NY. 2018 March 9.

Rieder T. Ethics in Pain Management During America's Opioid Crisis. Blaustein Pain Grand Rounds. Johns Hopkins Hospital, Baltimore, MD. 2017 December 1.

Rieder T. Reproductive Justice Issues and Faith Traditions. University of Baltimore School of Law, Baltimore, MD. 2018 April 5.

Rieder T. The Agony of Opioid Withdrawal—and What Doctors Should Tell Patients About It. TEDxMid-Atlantic. Washington, DC. 2017 October 28.

Rieder T. The Many Moral Reasons Not to Make New People. Philosophy/History Paper Session 5. 19th annual meeting of the American Society for Bioethics and Humanities (ASBH). Kansas City, MO. 2017 October 22.

Rieder T. The Opioid Epidemic and the Ethics of Pharma. Medical Ethics Discussion Panel. Baltimore, MD.

Rieder T. Testimony in favor of SB702 (HB1344): Behavioral Health Assessments, Services, and Treatment for Patients Provided Opioids. Maryland State Senate and House of Delegates, Annapolis, MD. 2018 February 28-March 1.

Rubenstein L (moderator). **The New Barbarianism.** Bloomberg School of Public Health, Baltimore, MD. 2017 November 9.

Rubenstein L (panelist). **The New Barbarianism.** National Academy of Medicine, Washington, DC. 2017 December 18.

Rubenstein L (panelist). **The New Barbarianism.** Newseum, Washington, DC. 2017 September 18.

Rubenstein L. Attacks on Health Care Workers. UN General Assembly, New York, NY. 2017 September 22.

Rubenstein L. Ethical Issues Arising in Humanitarian Health Programs in Situations of Extreme Violence — Some Preliminary Observations. Syrian American Medical Society. Orlando, FL. 2018 February 10.

Rubenstein L. Health Worker Security in Conflict Settings. Global Health Seminar Series. Milken Institute School of Public Health, George Washington University, Washington, DC. 2018 April 19.

Rubenstein L. Is Security Council resolution 2286 on protection of health care being implemented and respected? International Humanitarian Law: Healthcare in Conflict. Greentree Foundation, Mahasset, NY. 2018 April 25.

Rubenstein L. Panel for a Screening of The New Barbarianism. Center for Strategic and International Studies (CSIS), Washington, DC. 2017 December 18.

Rubenstein L. Protecting and Caring for the Wounded and Sick in Armed Conflict: Ongoing Challenges and Opportunities. UN Office of Coordination of Humanitarian Affairs, New York, NY. 2018 May 23.

Rubenstein L. Protecting Healthcare in Armed Conflict: Legal Challenges. Directorate of International Law of the Swiss Federal Department of Foreign Affairs, Geneva, Switzerland. 2017 November 23.

Rubenstein L. Protection of Health Care in Conflict. Annual Meeting of the American Public Health Association. Atlanta, GA. 2017 November 7.

Rubenstein L. Providing Care in Humanitarian Crises: Ethical and Policy Issues. George Mason University, Arlington, VA. 2017 November 14.

Rubenstein L. Reframing migrants' right to health. Symposium on Protecting the Rights of Individuals Fleeing Conflict, The Role of Scientists, Engineers, and Health Professionals, National Academy of Sciences, Engineering and Medicine Human Rights Committee. Washington, DC. 2017 December 8.

Rubenstein L. Systematic Tracking of Attacks on Health Care: Challenges for Protection, Justice and History. Syrian American Medical Society International Conference, Istanbul, Turkey. 2018 June 30.

Rubenstein, L. Implementing the Counter-Terrorism Framework at the National Level: Challenges and Opportunities. The UN Counter-Terrorism Framework and Its Impact on Impartial Health Care and Humanitarian Action. International Peace Institute, New York, NY. 2018 April 26.

Rushton CH (invited expert). **First Meeting of the Action Collaborative on Clinician Well-Being and Resilience.** National Academy of Medicine, Washington, DC. 2017 July 14.

Rushton CH. Cultivating moral resilience. 20th Anna Reynvaan Lecture. VU University Medical Center, Amsterdam, Netherlands. 2018 May 31.

Rushton CH. Developing a US Agenda to Transform Moral Distress into Moral Resilience. Symposium on moral distress in nursing, Wellcome Trust, London, UK. 2018 June 21.

Saloner B (panelist). **Ensuring Access to Affordable Prescription Drugs—the National Academies of Sciences, Engineering and Medicine's Report.** Roundtable Discussion, AcademyHealth Annual Research Meeting. Seattle, WA. 2018 June 24.

Saloner B (panelist). **Impacts of Drug Policy on Violence.** Baltimore, MD. 2017 September 18.

Saloner B. Framing the Conversation on the Opioid Epidemic. Robert Wood Johnson Foundation Sharing Knowledge Conference. Phoenix, AZ. 2018 March 9.

Saloner B. If you pay for it will they come? Substance Use Disorder Treatment under the ACA Medicaid Expansion. RAND Applied Economics Seminar. Santa Monica, CA. 2018 March 26.

Saloner B. Linking Criminal Justice and Health Data to Predict Opioid Overdose. The Lab@DC Forum. Washington, DC. 2018 February 27.

Saloner B. The Affordable Care Act in the Heart of the Opioid Epidemic: Evidence from West Virginia. Michael M. Davis Lecture. University of Chicago Center for Health Administration Science, Chicago, IL. 2017 November 7.

PRESENTATIONS (CONT.)

Saloner B. The Affordable Care Act in the Heart of the Opioid Epidemic: Evidence from West Virginia. Association for Public Policy and Planning Meeting. Chicago, IL. 2017 November 3.

Saloner B. Using Data Science to Identify Individuals at High Risk of Opioid Overdose. Centers for Medicare and Medicaid Services Innovation Center, Baltimore, MD. 2017 August 8.

Seltzer R. Decision-making for Medically Complex Children in Foster Care: Exploring the Ethical Challenges. 2017 AAP National Conference & Exhibition. Chicago, IL. 2017 September 18.

Seltzer R. Medical Decision-making for Children in Foster Care. Scientific Abstract Grand Rounds, Department of Pediatrics. Johns Hopkins Hospital, Baltimore, MD. 2018 April 25.

Seltzer R. Medical Decision-Making for Children in Medical Foster Care—Pediatric Research Award Recipient (Fellow category). 2018 Academic Pediatric Association Region 4 Conference. Charlottesville, VA. 2018 February 10.

Seltzer RR, Raisanen J, Williams EP, Donohue PK, **Boss RD. Medical Decision-Making for Children in Medical Foster Care.** Pediatric Academic Societies Meeting. Toronto, Canada. 2018 May 7.

Sugarman J (moderator). **Setting Ethical Standards Driving Clinical Translation and Countering Predatory Marketing.** International Society for Stem Cell Research Annual Meeting. Melbourne, Australia. 2018 June 20.

Sugarman J (panelist). **Ethics, Policies and Gene Editing.** ISSCR & GIBH Stem Cells: The Next Generation International Symposium. Guangzhou, China. 2017 November 11.

Sugarman J (panelist). **Patients in Non-Traditional Research Roles: Implications for Oversight.** Response Panel. Patients at the Center of Research Conference, Harvard Law School, Cambridge, MA. 2018 June 29.

Sugarman J (panelist). **Using Empirical Data to Inform Ethical Analyses of Novel HIV+ Organ Transplants.** PRIM&R 2017 Advancing Ethical Research Conference. San Antonio, TX. 2017 November 6.

Sugarman J (panelist). **Treatment Interruptions and Remission as an Endpoint.** Regulation of Clinical Research Related to HIV Cure. Bethesda, MD. 2018 January 25.

Sugarman J (reactor). **Implementation and impact of revisions to the Common Rule.** Clinical Effectiveness Research Innovation Collaborative. National Academy of Medicine, Washington, DC. 2018 January 25.

Sugarman J, Ellenberg S, Simon G. **Data and Safety Monitoring in Pragmatic Clinical Trials.** Webinar. NIH Health Care Systems Research Collaboratory. 2017 December 8.

Sugarman J. Research Ethics, Research Integrity, and Biobanking. US NIH Fogarty Research Ethics Training Program and Taiwan Research Ethics Training Program- 4th Annual Conference. Taipei, Taiwan. 2017 September 9.

Sugarman J. Cutting-Edge Challenges in HIV Research Ethics in Resource Limited Settings: Lessons from the Ethics Working Group (EWG) of the HIV Prevention Trials Network (HPTN). PRIM&R 2017 Advancing Ethical Research Conference. San Antonio, TX. 2017 November 7.

Sugarman J. Developing Participant Safety Plans for Research Involving Network Randomization and Stigma. Global Forum on Bioethics in Research. Bangkok, Thailand. 2017 November 28.

Sugarman J. Ethical and Policy Considerations and the Use of Biomedical Approaches to Preventing HIV Infection. Visiting Professorship in Bioethics and Public Health. University of Pittsburgh, Pittsburgh, PA. 2018 January 26.

Sugarman J. Ethical and Regulatory Considerations of Life-Threatening Research. Ethical Issues in Violence, Trauma, and Trauma Surgery. MacLean Center for Clinical Medical Ethics Annual Lecture Series, University of Chicago, Chicago, IL. 2018 February 21.

Sugarman J. Ethical Issues in HIV Prevention Research. U.S. and China Perspectives in Bioethics, Law, and Philosophy. Central South University, Changsha, China. 2017 December 8.

Sugarman J. Ethical Issues in HIV+ to HIV+ Solid Organ Transplants. Visiting Professorship in Bioethics and Public Health. University of Pittsburgh, Pittsburgh, PA. 2018 January 26.

Sugarman J. Informed Consent and the Revised Common Rule, Plenary Session. AAHRPP 2018 Annual Conference. Denver, CO. 2018 April 21.

Sugarman J. Informed Consent: History, Ethical Justification and Process. Symposium of Research Ethics Education and Ethical Review Capacity Building. Dailan, China. 2017 October 11.

Sugarman J. Introduction to Secular Biomedical Ethics. Intersection of Law and Medicine Series. Weill Cornell Medicine, Doha, Qatar. 2018 February 24.

Sugarman J. Perceptions of Living Organ Donation among People Living with HIV. International AIDS Society Conference on HIV Science. Paris, France. 2017 July 23-26.

Sugarman J. The Need for Data to Inform Ethical Analyses of Novel HIV+ to HIV+ Organ Transplants. 31st European Conference on Philosophy of Medicine and Health Care: Emerging Technologies in Healthcare. Belgrade, Serbia. 2017 August 16-19.

Sugarman J. U.S. and China Perspectives in Bioethics, Law, and Philosophy. Central South University, Changsha, China. 2018 January 8.

Sugarman J. Willingness to Donate Organs for Transplant Among Persons Living with HIV. International AIDS Society Conference on HIV Science. Paris, France. 2017 July 23-26.

Sugarman J. Commencement Address. NY Medical College, Valhalla, NY. 2018 May 23.

Sugarman J. Ethical Considerations in Conducting Social and Behavioral Research with Vulnerable Populations. Webinar, Social Intervention Group. Columbia University. 2017 November 22.

Sugarman J. Ethics of Care at the End of Life: Evolving Concepts and Practices. VII International Symposium of Humanism and Bioethics: End of Life Care. Fundación Santa Fe de Bogotá, Bogotá, Colombia. 2017 October 30.

Sugarman J. Ethics, Policies and Gene Editing. 2018 Clinical Advances in Stem Cell Research: Emerging Technologies and Cellular Therapies, International Society for Stem Cell Research Annual Meeting. Melbourne, Australia. 2018 June 19.

Sugarman J. The Ethics of Cord Blood Banking and Use. Duke University Medical Center, Durham, NC. 2018 February 2.

Sugarman J. Towards Treatment with Respect and Dignity in the ICU. VII International Symposium of Humanism and Bioethics: End of Life Care. Fundación Santa Fe de Bogotá, Bogotá, Colombia. 2017 October 31.

Taylor HA. Defining and Measuring IRB Quality. PRIM&R 2017 Advancing Ethical Research Conference. San Antonio, TX. 2017 November 6.

Taylor HA. Disasters, Deception, and Decision-Making Capacity: Empirical Research to Guide SBER IRBs. PRIM&R 2017 Advancing Ethical Research Conference. San Antonio, TX. 2017 November 7.

Taylor HA. ICTR Research Ethics Consultation Service. Third Thursdays Lecture Series. Institute for Clinical and Translational Research, Baltimore, MD. 2017 September 21.

Taylor HA. Informed consent. Hutton Ethics Lectureship. Cincinnati, OH. 2018 April 12.

Taylor HA. Testing Methods to Modify the Consent Process. PRIM&R 2017 Advancing Ethical Research Conference. San Antonio, TX. 2017 November 7.

Taylor HA. The Role of Research Ethics Consultation in IRB-Reviewed Research: Opportunities and Challenges. PRIM&R 2017 Advancing Ethical Research Conference. San Antonio, TX. 2017 November 6.

Unguru Y. Bioethics 101: Approaching Ethical Dilemmas in Patient Care. Leadership Executive Academic Development series. Johns Hopkins All Children's Hospital, St. Petersburg, FL. 2017 October 6.

Unguru Y. Ethical Considerations in Pediatric Oncology Clinical Research: A Child-Centered Approach. Keynote Address. Coalition Against Childhood Cancer Annual Summit, Seattle, WA. 2018 June 14.

Unguru Y. Leadership in Ethics: How I Got Here. Leadership Executive Academic Development series. Johns Hopkins All Children's Hospital, St. Petersburg, FL. 2017 October 6.

Unguru Y. The Ongoing Chemotherapy and Supportive Care Drug Shortages. Children's Oncology Group Fall Meeting. Atlanta, GA. 2017 September 15.

Unguru Y. The Pervasive Problem of Drug Shortages. An Ethical Framework for Allocating Scarce Lifesaving Chemotherapy for Childhood Cancer, Pediatric Grand Rounds. St. Jude's Children's Research Hospital, Memphis, TN. 2018 March 1.

Unguru Y. The Truth, the Whole Truth, and Nothing but the Truth—Well... Cultural Consideration in Disclosing a Cancer Diagnosis to an Adolescent. Leadership Executive Academic Development series. Johns Hopkins All Children's Hospital, St. Petersburg, FL. 2017 October 6.

Unguru Y. To Tell or Not to Tell? Responding to Parental Request Not to Tell a Patient That She Has Cancer. Pediatric Grand Rounds. Sinai Hospital, Baltimore, MD. 2017 October 10.

BERMAN INSTITUTE IN THE NEWS

Journalists around the world regularly seek out Berman Institute faculty to help explain contemporary bioethics issues to the public. A selection of the media outlets that quoted, published, or mentioned the Berman Institute and its faculty this year:

ABC News
ABC Radio
Associated Press
The Atlantic
BioCentury
Bloomberg View
Boston Globe
Business Insider
CBC
Chemistry World
ClimateWire
Cosmos Magazine
Devex
The Economist
FactCheck.org
Forbes
Foreign Policy
Genome Magazine
Healthline
Huffington Post
Japan Times
Journal Gazette (IN)
KCBS Radio
KJZZ-FM
Los Angeles Times
MarketWatch
MD Magazine
Medscape
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Politifact
Reuters
Rewire
Sacramento Bee
San Francisco Chronicle
Science Magazine
The Scientist
The Sentinel (PA)
Slate
STAT News
U.S. News & World Report
The Verge
VICE News
Wall Street Journal
Washington Post
WBAL-TV (MD)
Wired
WRAL-FM (NC)
WOKV-TV (FL)
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Berman Institute 2019 Calendar

Monday, March 11
ROBERT H. LEVI LEADERSHIP SYMPOSIUM
Containment: Exploring the History, Politics and Ethics of Infectious Disease Response in a Post-Genomic World

Monday, March 25
SEMINAR SERIES
"Engaging the Public in Setting Health Care Priorities" by Marion Danis

Thursday, March 28
Winter Dinner

Monday, April 8
HUTZLER-RIVES MEMORIAL LECTURE
"Insights from Patienthood: A Pediatrician and Bioethicist's Reflections on Pediatric Palliative Care" by Brian Carter

Friday-Saturday, April 12-13
THEATER OF WAR
End of Life: Readings and Discussions Using Ancient Greek Plays as Catalysts

Tuesday, April 16
SHALLENBERGER LECTURE
"Beyond Charity: Reimagined Communities" by James Corbett

Monday, April 22
SEMINAR SERIES
"Digital Health Ethics: The Systemic Oversight Approach" by Effy Vayena

Tuesday, May 7
Advisory Board Meeting

Monday, May 13
SEMINAR SERIES
"Evaluating IRB Quality and Effectiveness" by Holly Fernandez Lynch

Tuesday, May 21
Ethics for Lunch

Thursday, May 23
Commencement

OUR COMMUNITY

HONORS, AWARDS AND PROMOTIONS

Joe Ali, JD, assumed the role of Co-Chair of the Ethics and Regulatory Work Group for the NIH/VA/DOD Pain Management Collaboratory Coordinating Center.

Silvana Barone, MD, Hecht-Levi Fellow, joined the Faculty of Medicine at the Université de Montréal in Montreal, QC, Canada as an Assistant Professor in Pediatrics

Mary Catherine Beach, MD, MPH, was awarded the George Engel Award from the Academy of Communication in Healthcare for her "revolutionary research and mentoring on respect, communication, and relationship-centered care."

Joseph Carrese, MD, MPH, FACP, was elected as a Fellow at The Hastings Center.

Megan Collins, MD, received a JHU Catalyst Award to examine barriers in utilization of school-based vision programs. Dr. Collins also received an MPH Practicum Award from the Bloomberg School of Public Health for her work on the Vision for Baltimore Program.

Matthew DeCamp, MD, PhD, received the Scholarly Concentrations Excellence in Mentoring Award from the Johns Hopkins School of Medicine.

Rachel Fabi received her PhD and accepted a faculty position at the SUNY Upstate Medical University at the Center for Bioethics and Humanities. She was also selected as a Career Champion by the Johns Hopkins Homewood Campus Career Center.

Ruth Faden, PhD, MPH, received the Adam Yarmolinsky Medal at a ceremony on Monday, October 16, during the annual meeting of the National Academy of Medicine (NAM). The Adam Medal honors distinguished service and contributions to the mission of the NAM.

Jess Fanzo, PhD, was appointed Senior Nutrition and Food Systems Officer for the Food & Agriculture Organization. She will also be coordinating and overseeing the activities of the Nutrition Policy Group in the Nutrition and Food Systems Division of FAO.

Gail Geller, ScD, MHS, was named to the Planning Committee for a National Academies of Science workshop on *Exploring the Widespread Use of Genomic Data in Health Systems to Advance Population Health.*

Jeffrey Kahn, PhD, MPH, was formally inducted into the National Academy of Medicine.

Nancy Kass, ScD, was named Vice Provost for Graduate and Professional Education for Johns Hopkins University. She will continue as Phoebe R. Berman Professor of Bioethics and Public Health at the Berman Institute and Bloomberg School.

Carleigh Krubiner, PhD, accepted a position as a Global Health Policy Fellow at the Center for Global Development in Washington, DC.

Debra Mathews, PhD, MA, was elected Vice Chair of the Maryland Stem Cell Research Commission. She was also named Review Editor in ELSI in Science and Genetics for Frontiers Journals: *Frontiers in Genetics, Pharmacology, Bioengineering and Biotechnology, and Sociology.*

MBE student **Iris Coates McCall** was awarded one of two competitively-award travel stipends to present at the International Neuropsychological Society conference.

Maria Merritt, PhD, was recognized for her excellence in teaching by the Bloomberg School of Public Health for her course, "Ethics of Public Health Practice in Developing Countries."

Ariella Messing, doctoral student in Bioethics and Health Policy, was awarded a Charlotte W. Newcombe Doctoral Dissertation Fellowship from the Woodrow Wilson National Fellowship Foundation. She also was awarded a trainee grant from the Society of Family Planning Research Fund.

Travis Rieder, PhD, co-authored a report from the National Academy of Medicine titled "First, Do No Harm: Marshaling Clinician Leadership to Counter the Opioid Epidemic." He was also recognized for excellence in teaching by the Bloomberg School of Public Health for his course, "The Ethics of Making Babies."

Leonard Rubenstein, JD, served on a Commission on Ethics Processes for the American Psychological Association. He also was recognized for excellence in teaching by the Bloomberg School of Public Health.

Cynda Rushton, PhD, RN, FAAN, serves on the editorial board of a new journal: *Pediatric Ethicscope - The Journal of Pediatric Bioethics.*

Rebecca Seltzer, MD, MHS, was inducted into the Alpha Chapter of the Delta Omega Public Health Honor Society at the Johns Hopkins Bloomberg School of Public Health.

Jeremy Sugarman, MD, MPH, MA, gave the commencement speech for New York Medical College and received an honorary degree of Doctor of Science, Honoris Causa.

For the second year in a row, **Yoram Unguru, MD, MS, MA,** was honored at the Baltimore Orioles' Opening Day as a Birdland Community Hero. In addition, Baltimore Magazine selected him as a Top Doctor. He serves on the editorial board of a new journal: Pediatric Ethicscope - The Journal of Pediatric Bioethics.

Research Program Coordinator **Peter Young, MBE,** accepted an offer to complete a DPhil at the University of Oxford's Ethox Centre.

FACULTY

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The Berman Institute's vision is to achieve more ethical practices and policies relevant to human health. We do this by identifying and addressing key ethical issues in science, clinical care, and public health, locally and globally.

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- Policy outreach to government agencies regarding impacts on human health.

For information about supporting the Berman Institute's work, contact Andrew Rentschler at 410-614-5651 or visit bioethics.jhu.edu.

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